RECA NORM

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Marko Hauschild – STAUCH Bau GmbH



Günter Schwarz – Sanitär, Heizung, Klima/Lüftung


Timo Bauer – Metallbau Perger GmbH & Co. KG

„We are working for those moments!“

Bolts / Standard Parts / Joining technique



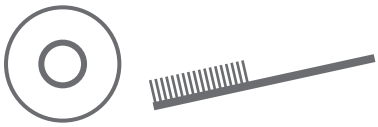
Anchor technology



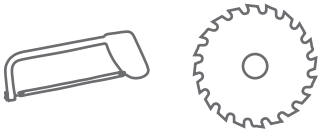
Drilling



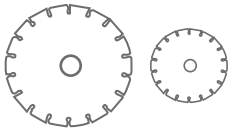
Cutting / Sanding



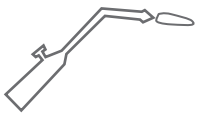
Saws



RECA diaflex Diamond technology



Welding / Soldering



Tools / Machines



Electrical installation



Plumbing installation



Occupational safety



Assortment / Workshop + construction site



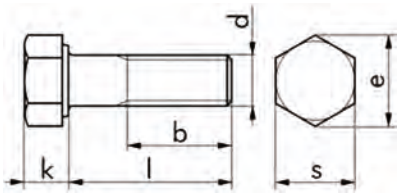
Chemicals / Adhesives / Sealants / Cleaning



Hexagonal bolt with shank, DIN 931 8.8, plain

DIN: 931
Material: Steel
Property class: 8.8
Surface: Bare
Version: With shaft
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0051 8 35	M8	35 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 40	M8	40 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 45	M8	45 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 50	M8	50 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 55	M8	55 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 60	M8	60 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 65	M8	65 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 70	M8	70 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 75	M8	75 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 80	M8	80 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0051 8 100	M8	100 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0051 8 110	M8	110 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0051 8 120	M8	120 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0051 8 130	M8	130 mm	28 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0051 10 40	M10	40 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 45	M10	45 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 50	M10	50 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 60	M10	60 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 70	M10	70 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 75	M10	75 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 80	M10	80 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 90	M10	90 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 100	M10	100 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 110	M10	110 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0051 10 120	M10	120 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0051 10 130	M10	130 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0051 10 140	M10	140 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS
0051 12 45	M12	45 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0051 12 50	M12	50 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0051 12 55	M12	55 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0051 12 60	M12	60 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0051 12 65	M12	65 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 70	M12	70 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 75	M12	75 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 80	M12	80 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 90	M12	90 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS

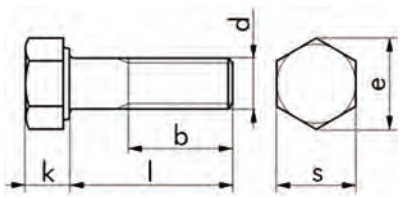
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0051 12 100	M12	100 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 110	M12	110 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 120	M12	120 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 130	M12	130 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0051 12 140	M12	140 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0051 12 150	M12	150 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0051 16 50	M16	50 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0051 16 55	M16	55 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0051 16 60	M16	60 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0051 16 65	M16	65 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 70	M16	70 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 75	M16	75 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 80	M16	80 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 90	M16	90 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 100	M16	100 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 110	M16	110 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 120	M16	120 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 130	M16	130 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 140	M16	140 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 150	M16	150 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 160	M16	160 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 170	M16	170 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 180	M16	180 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0051 16 200	M16	200 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0051 16 220	M16	220 mm	57 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0051 16 240	M16	240 mm	57 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0051 18 90	M18	90 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 18 100	M18	100 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 18 120	M18	120 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 18 140	M18	140 mm	48 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 18 160	M18	160 mm	48 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 18 180	M18	180 mm	48 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0051 20 60	M20	60 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 65	M20	65 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 70	M20	70 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 75	M20	75 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 80	M20	80 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 90	M20	90 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 100	M20	100 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 110	M20	110 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 120	M20	120 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 130	M20	130 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 140	M20	140 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 150	M20	150 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0051 20 160	M20	160 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0051 20 170	M20	170 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0051 20 180	M20	180 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0051 20 200	M20	200 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 20 220	M20	220 mm	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 20 240	M20	240 mm	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 20 260	M20	260 mm	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 20 280	M20	280 mm	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 20 300	M20	300 mm	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0051 24 80	M24	80 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0051 24 90	M24	90 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 100	M24	100 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0051 24 110	M24	110 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 120	M24	120 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 130	M24	130 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 140	M24	140 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 150	M24	150 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 160	M24	160 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 180	M24	180 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0051 24 200	M24	200 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 24 220	M24	220 mm	73 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 24 240	M24	240 mm	73 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 24 260	M24	260 mm	73 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 24 280	M24	280 mm	73 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 24 300	M24	300 mm	73 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS
0051 30 90	M30	90 mm	66 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 100	M30	100 mm	66 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 110	M30	110 mm	66 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 120	M30	120 mm	66 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 130	M30	130 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 140	M30	140 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 150	M30	150 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 160	M30	160 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 180	M30	180 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS
0051 30 200	M30	200 mm	72 mm	18.7 mm	50.85 mm	46 mm	30 mm	5 PCS

Hexagonal bolt with shank, DIN 931 10.9, plain

DIN: 931
Material: Steel
Property class: 10.9
Surface: Bare
Version: With shaft
Thread type: Metric thread





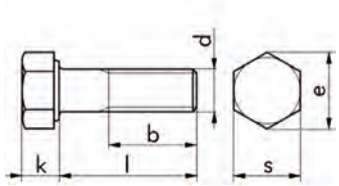
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0052 10 40	M10	40 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 45	M10	45 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 50	M10	50 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 55	M10	55 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 60	M10	60 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 70	M10	70 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 80	M10	80 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0052 10 90	M10	90 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 10 100	M10	100 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0052 12 45	M12	45 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0052 12 50	M12	50 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0052 12 55	M12	55 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0052 12 60	M12	60 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 65	M12	65 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 70	M12	70 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 80	M12	80 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 90	M12	90 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 100	M12	100 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 12 120	M12	120 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0052 14 50	M14	50 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0052 14 60	M14	60 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0052 14 70	M14	70 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0052 14 80	M14	80 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0052 14 90	M14	90 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0052 16 50	M16	50 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0052 16 55	M16	55 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0052 16 60	M16	60 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0052 16 65	M16	65 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 70	M16	70 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 80	M16	80 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 90	M16	90 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 100	M16	100 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 110	M16	110 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 16 120	M16	120 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0052 20 65	M20	65 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0052 20 70	M20	70 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0052 20 80	M20	80 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0052 20 90	M20	90 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0052 20 100	M20	100 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0052 20 110	M20	110 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0052 20 120	M20	120 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0052 20 130	M20	130 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS

Hexagonal bolt with shank, DIN 931 8.8, galvanised

DIN: 931
Material: Steel
Property class: 8.8
Surface: Galvanised
Version: With shaft
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0053 5 30	M5	30 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0053 5 35	M5	35 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 40	M5	40 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 45	M5	45 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 50	M5	50 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 60	M5	60 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 70	M5	70 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 5 80	M5	80 mm	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0053 6 30	M6	30 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0053 6 35	M6	35 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 40	M6	40 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 45	M6	45 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 50	M6	50 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 55	M6	55 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 60	M6	60 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 65	M6	65 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 70	M6	70 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 80	M6	80 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0053 6 90	M6	90 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0053 6 100	M6	100 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0053 8 35	M8	35 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 40	M8	40 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 45	M8	45 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 50	M8	50 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 55	M8	55 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 60	M8	60 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 65	M8	65 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 70	M8	70 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 75	M8	75 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0053 8 80	M8	80 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 85	M8	85 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 90	M8	90 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 100	M8	100 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 110	M8	110 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 120	M8	120 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 130	M8	130 mm	28 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0053 8 140	M8	140 mm	28 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0053 8 150	M8	150 mm	28 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0053 8 160	M8	160 mm	28 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0053 10 35	M10	35 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 40	M10	40 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 45	M10	45 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 50	M10	50 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 55	M10	55 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 60	M10	60 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 65	M10	65 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 70	M10	70 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 75	M10	75 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 80	M10	80 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 85	M10	85 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 90	M10	90 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 100	M10	100 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0053 10 110	M10	110 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0053 10 120	M10	120 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0053 10 130	M10	130 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0053 10 140	M10	140 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS

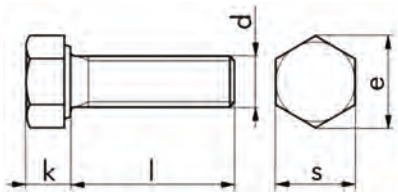
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0053 10 150	M10	150 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS
0053 10 160	M10	160 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS
0053 10 180	M10	180 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS
0053 10 200	M10	200 mm	32 mm	6.4 mm	18.9 mm	17 mm	10 mm	25 PCS
0053 12 40	M12	40 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0053 12 45	M12	45 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0053 12 50	M12	50 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0053 12 55	M12	55 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0053 12 60	M12	60 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0053 12 65	M12	65 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 70	M12	70 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 75	M12	75 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 80	M12	80 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 90	M12	90 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 100	M12	100 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 110	M12	110 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 120	M12	120 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 130	M12	130 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0053 12 140	M12	140 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0053 12 150	M12	150 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0053 12 160	M12	160 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0053 12 180	M12	180 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0053 12 200	M12	200 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0053 14 50	M14	50 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 55	M14	55 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 60	M14	60 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 70	M14	70 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 80	M14	80 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 90	M14	90 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 100	M14	100 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0053 14 110	M14	110 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 120	M14	120 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 130	M14	130 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 140	M14	140 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 150	M14	150 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 160	M14	160 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 180	M14	180 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0053 14 200	M14	200 mm	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	20 PCS
0053 16 50	M16	50 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0053 16 55	M16	55 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0053 16 60	M16	60 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0053 16 65	M16	65 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 70	M16	70 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 75	M16	75 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 80	M16	80 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 90	M16	90 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 100	M16	100 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 110	M16	110 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 120	M16	120 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 130	M16	130 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 140	M16	140 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 150	M16	150 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 160	M16	160 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 180	M16	180 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0053 16 200	M16	200 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0053 18 60	M18	60 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0053 18 70	M18	70 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0053 18 80	M18	80 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0053 18 90	M18	90 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0053 18 100	M18	100 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0053 18 120	M18	120 mm	42 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0053 20 60	M20	60 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 65	M20	65 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 70	M20	70 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 75	M20	75 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 80	M20	80 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 90	M20	90 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 100	M20	100 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0053 20 110	M20	110 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 120	M20	120 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 130	M20	130 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 140	M20	140 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 150	M20	150 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 160	M20	160 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 180	M20	180 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0053 20 200	M20	200 mm	52 mm	12.5 mm	33.53 mm	30 mm	20 mm	5 PCS
0053 24 80	M24	80 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 90	M24	90 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 100	M24	100 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 110	M24	110 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 120	M24	120 mm	54 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 130	M24	130 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0053 24 140	M24	140 mm	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS

Hexagonal bolt, DIN 933, 8.8, plain

DIN: 933
Material: Steel
Property class: 8.8
Surface: Bare
Version: Threaded to head
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0055 5 10	M5	10 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0055 5 12	M5	12 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0055 5 16	M5	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0055 5 20	M5	20 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS

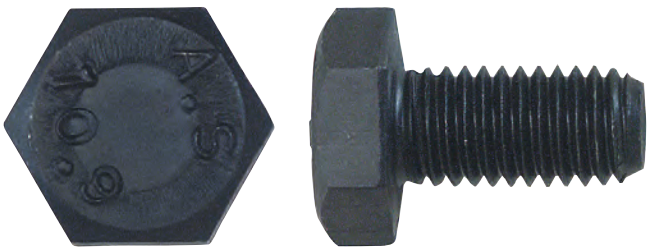
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0055 5 25	M5	25 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0055 5 30	M5	30 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0055 5 35	M5	35 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0055 5 40	M5	40 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0055 5 50	M5	50 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0055 6 10	M6	10 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 12	M6	12 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 16	M6	16 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 20	M6	20 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 25	M6	25 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 30	M6	30 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0055 6 35	M6	35 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 40	M6	40 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 45	M6	45 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 50	M6	50 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 60	M6	60 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 70	M6	70 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 6 80	M6	80 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0055 8 10	M8	10 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 12	M8	12 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 16	M8	16 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 20	M8	20 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 25	M8	25 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 30	M8	30 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 35	M8	35 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 40	M8	40 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 45	M8	45 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 50	M8	50 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 55	M8	55 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 60	M8	60 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 65	M8	65 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 70	M8	70 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 80	M8	80 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0055 8 90	M8	90 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0055 8 100	M8	100 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0055 8 110	M8	110 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0055 10 16	M10	16 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0055 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0055 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0055 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0055 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 45	M10	45 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 55	M10	55 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 60	M10	60 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 65	M10	65 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 70	M10	70 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 75	M10	75 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 80	M10	80 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 90	M10	90 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 100	M10	100 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0055 10 120	M10	120 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0055 12 20	M12	20 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 25	M12	25 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 30	M12	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 35	M12	35 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS

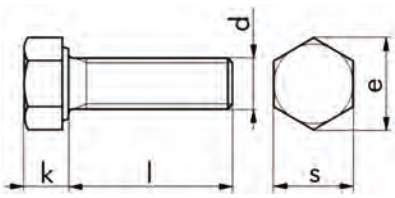
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0055 12 40	M12	40 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 45	M12	45 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 50	M12	50 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 55	M12	55 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 60	M12	60 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0055 12 70	M12	70 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 80	M12	80 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 90	M12	90 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 100	M12	100 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 110	M12	110 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 120	M12	120 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 130	M12	130 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 140	M12	140 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 12 150	M12	150 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0055 14 20	M14	20 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0055 14 25	M14	25 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0055 14 30	M14	30 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0055 14 35	M14	35 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0055 14 40	M14	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0055 14 45	M14	45 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 50	M14	50 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 55	M14	55 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 60	M14	60 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 70	M14	70 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 80	M14	80 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 14 90	M14	90 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0055 16 30	M16	30 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 35	M16	35 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 40	M16	40 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 45	M16	45 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 50	M16	50 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 55	M16	55 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 60	M16	60 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0055 16 65	M16	65 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 70	M16	70 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 75	M16	75 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 80	M16	80 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 90	M16	90 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 100	M16	100 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 110	M16	110 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 120	M16	120 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 16 150	M16	150 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0055 18 30	M18	30 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 18 40	M18	40 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 18 50	M18	50 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 18 60	M18	60 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 18 70	M18	70 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 18 80	M18	80 mm	11.5 mm	30.14 mm	27 mm	18 mm	10 PCS
0055 20 30	M20	30 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 35	M20	35 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 40	M20	40 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 45	M20	45 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 50	M20	50 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 55	M20	55 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 60	M20	60 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 65	M20	65 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 70	M20	70 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0055 20 75	M20	75 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 80	M20	80 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 90	M20	90 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 100	M20	100 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 110	M20	110 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 120	M20	120 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 130	M20	130 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 140	M20	140 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0055 20 150	M20	150 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0055 20 160	M20	160 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0055 20 180	M20	180 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0055 24 40	M24	40 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0055 24 50	M24	50 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0055 24 60	M24	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0055 24 70	M24	70 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0055 24 80	M24	80 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0055 24 90	M24	90 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0055 24 100	M24	100 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS

Hexagonal bolt DIN 933 10.9

DIN: 933
Material: Steel
Property class: 10.9
Surface: Bare
Version: Threaded to head
Thread type: Metric thread

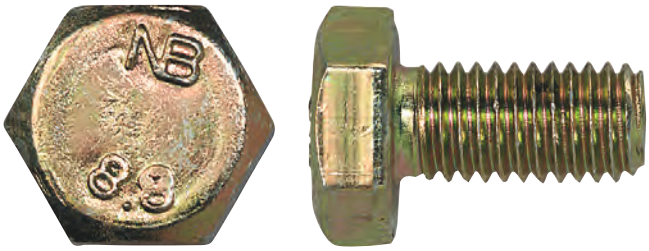


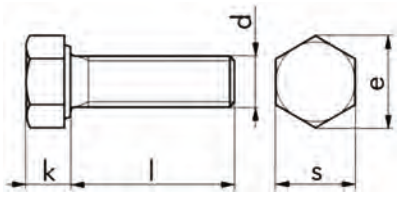


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0056 6 16	M6	16 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0056 6 20	M6	20 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0056 6 25	M6	25 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0056 8 16	M8	16 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 8 20	M8	20 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 8 25	M8	25 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 8 30	M8	30 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 8 35	M8	35 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 8 40	M8	40 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0056 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0056 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0056 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0056 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0056 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0056 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0056 12 20	M12	20 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 12 25	M12	25 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 12 30	M12	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 12 35	M12	35 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 12 40	M12	40 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 12 50	M12	50 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0056 14 30	M14	30 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0056 14 35	M14	35 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0056 14 40	M14	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0056 14 50	M14	50 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0056 16 35	M16	35 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0056 16 40	M16	40 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0056 16 45	M16	45 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0056 16 50	M16	50 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0056 16 60	M16	60 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0056 20 40	M20	40 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0056 20 45	M20	45 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0056 20 50	M20	50 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0056 20 55	M20	55 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0056 20 60	M20	60 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0056 20 70	M20	70 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS

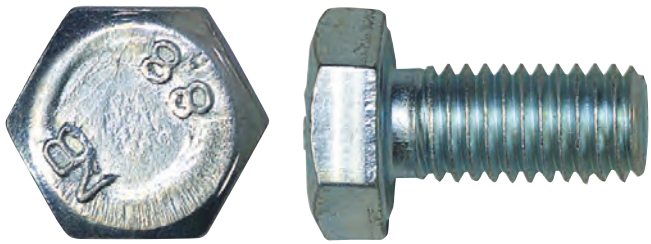
Hexagonal bolt, DIN 933, 8.8, yellow galvanised

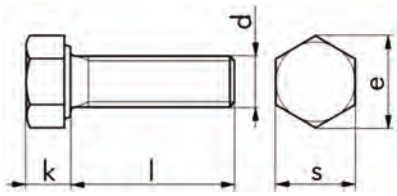




Hexagonal bolt DIN 933 8.8, galvanised

DIN: 933
Material: Steel
Property class: 8.8
Surface: Galvanised
Version: Threaded to head
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0057 3 6	M3	6 mm	2.0 mm	6.0 mm	5.5 mm	3 mm	500 PCS
0057 3 8	M3	8 mm	2.0 mm	6.0 mm	5.5 mm	3 mm	500 PCS
0057 3 10	M3	10 mm	2.0 mm	6.0 mm	5.5 mm	3 mm	500 PCS
0057 3 16	M3	16 mm	2.0 mm	6.0 mm	5.5 mm	3 mm	500 PCS
0057 3 20	M3	20 mm	2.0 mm	6.0 mm	5.5 mm	3 mm	500 PCS
0057 4 8	M4	8 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 10	M4	10 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 12	M4	12 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 16	M4	16 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 20	M4	20 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 25	M4	25 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 30	M4	30 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 35	M4	35 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 40	M4	40 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 4 50	M4	50 mm	2.8 mm	7.66 mm	7 mm	4 mm	500 PCS
0057 5 8	M5	8 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 10	M5	10 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 12	M5	12 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 14	M5	14 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 16	M5	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 20	M5	20 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 25	M5	25 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 30	M5	30 mm	3.5 mm	8.79 mm	8 mm	5 mm	500 PCS
0057 5 35	M5	35 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0057 5 40	M5	40 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0057 5 45	M5	45 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0057 5 50	M5	50 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0057 5 60	M5	60 mm	3.5 mm	8.79 mm	8 mm	5 mm	200 PCS
0057 6 8	M6	8 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 10	M6	10 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 12	M6	12 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 14	M6	14 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 16	M6	16 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 18	M6	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS

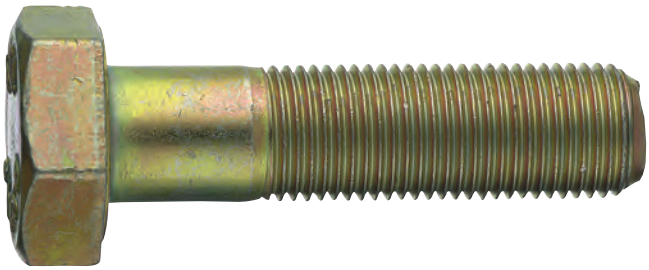
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0057 6 20	M6	20 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 22	M6	22 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 25	M6	25 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 30	M6	30 mm	4.0 mm	11.05 mm	10 mm	6 mm	500 PCS
0057 6 35	M6	35 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 40	M6	40 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 45	M6	45 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 50	M6	50 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 55	M6	55 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 60	M6	60 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 65	M6	65 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 70	M6	70 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 75	M6	75 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 80	M6	80 mm	4.0 mm	11.05 mm	10 mm	6 mm	200 PCS
0057 6 90	M6	90 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0057 8 10	M8	10 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 12	M8	12 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 16	M8	16 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 18	M8	18 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 20	M8	20 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 22	M8	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 25	M8	25 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 30	M8	30 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 35	M8	35 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 40	M8	40 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 45	M8	45 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 50	M8	50 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 55	M8	55 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 60	M8	60 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 65	M8	65 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 70	M8	70 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 75	M8	75 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 80	M8	80 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0057 8 90	M8	90 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0057 8 100	M8	100 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0057 10 12	M10	12 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0057 10 16	M10	16 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0057 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0057 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0057 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0057 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 45	M10	45 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 55	M10	55 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 60	M10	60 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 65	M10	65 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 70	M10	70 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 75	M10	75 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 80	M10	80 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 90	M10	90 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 100	M10	100 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0057 10 110	M10	110 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0057 10 120	M10	120 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0057 12 16	M12	16 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 20	M12	20 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 25	M12	25 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS

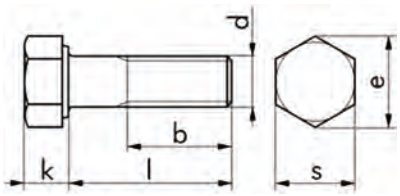
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0057 12 30	M12	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 35	M12	35 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 40	M12	40 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 45	M12	45 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 50	M12	50 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 55	M12	55 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 60	M12	60 mm	7.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0057 12 65	M12	65 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 12 70	M12	70 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 12 80	M12	80 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 12 90	M12	90 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 12 100	M12	100 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 12 120	M12	120 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0057 14 25	M14	25 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0057 14 30	M14	30 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0057 14 35	M14	35 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0057 14 40	M14	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	100 PCS
0057 14 45	M14	45 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 14 50	M14	50 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 14 55	M14	55 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 14 60	M14	60 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 14 70	M14	70 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 14 80	M14	80 mm	8.8 mm	24.49 mm	22 mm	14 mm	50 PCS
0057 16 25	M16	25 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 30	M16	30 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 35	M16	35 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 40	M16	40 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 45	M16	45 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 50	M16	50 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 55	M16	55 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 60	M16	60 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0057 16 65	M16	65 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 70	M16	70 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 80	M16	80 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 90	M16	90 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 100	M16	100 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 110	M16	110 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 120	M16	120 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 130	M16	130 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 140	M16	140 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 150	M16	150 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 16 160	M16	160 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0057 18 30	M18	30 mm	11.5 mm	30.1 mm	27 mm	18 mm	50 PCS
0057 18 35	M18	35 mm	11.5 mm	30.1 mm	27 mm	18 mm	50 PCS
0057 18 40	M18	40 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 45	M18	45 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 50	M18	50 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 60	M18	60 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 70	M18	70 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 80	M18	80 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 18 100	M18	100 mm	11.5 mm	30.1 mm	27 mm	18 mm	10 PCS
0057 20 30	M20	30 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 35	M20	35 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 40	M20	40 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 45	M20	45 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 50	M20	50 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 55	M20	55 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0057 20 60	M20	60 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 70	M20	70 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 80	M20	80 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 90	M20	90 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 100	M20	100 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0057 20 120	M20	120 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0057 20 140	M20	140 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0057 20 150	M20	150 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0057 24 40	M24	40 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0057 24 50	M24	50 mm	15.0 mm	39.98 mm	36 mm	24 mm	25 PCS
0057 24 60	M24	60 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0057 24 70	M24	70 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0057 24 80	M24	80 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0057 24 90	M24	90 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0057 24 100	M24	100 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0057 24 120	M24	120 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS

Hexagonal bolt sim. to DIN 960 10.9 yellow galvanised

DIN: 960
Material: Steel
Property class: 10.9
Surface: Yellow galvanised
Thread format: Fine pitch thread
Thread type: Metric thread



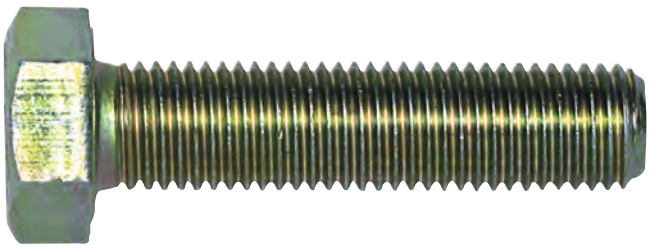


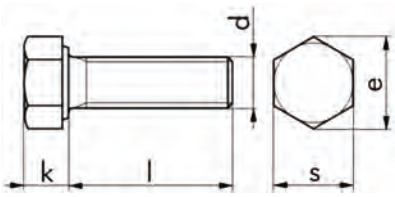
Art. No.	Thread type x nominal diameter x pitch (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Pitch	Packaging unit (VPE)
0063 10 30	M10 x 1	30 mm	26 mm	7.0 mm	18.9 mm	17 mm	10 mm	1 mm	200 PCS
0063 10 40	M10 x 1	40 mm	26 mm	7.0 mm	18.9 mm	17 mm	10 mm	1 mm	100 PCS
0063 10 50	M10 x 1	50 mm	26 mm	7.0 mm	18.9 mm	17 mm	10 mm	1 mm	100 PCS
0063 12 35	M12 x 1.5	35 mm	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	1.5 mm	100 PCS
0063 12 40	M12 x 1.5	40 mm	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	1.5 mm	100 PCS
0063 12 50	M12 x 1.5	50 mm	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	1.5 mm	100 PCS
0063 12 60	M12 x 1.5	60 mm	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	1.5 mm	100 PCS
0063 12 70	M12 x 1.5	70 mm	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	1.5 mm	50 PCS
0063 14 40	M14 x 1.5	40 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	100 PCS
0063 14 45	M14 x 1.5	45 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	50 PCS
0063 14 50	M14 x 1.5	50 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	50 PCS

Art. No.	Thread type x nominal diameter x pitch (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Pitch	Packaging unit (VPE)
0063 14 60	M14 x 1.5	60 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	50 PCS
0063 14 70	M14 x 1.5	70 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	25 PCS
0063 14 90	M14 x 1.5	90 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	25 PCS
0063 14 100	M14 x 1.5	100 mm	34 mm	9.0 mm	24.5 mm	22 mm	14 mm	1.5 mm	25 PCS
0063 16 40	M16 x 1.5	40 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	50 PCS
0063 16 45	M16 x 1.5	45 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	50 PCS
0063 16 50	M16 x 1.5	50 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	50 PCS
0063 16 55	M16 x 1.5	55 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	50 PCS
0063 16 60	M16 x 1.5	60 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	50 PCS
0063 16 70	M16 x 1.5	70 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	25 PCS
0063 16 80	M16 x 1.5	80 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	25 PCS
0063 16 90	M16 x 1.5	90 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	25 PCS
0063 16 100	M16 x 1.5	100 mm	38 mm	10.0 mm	26.8 mm	24 mm	16 mm	1.5 mm	25 PCS
0063 20 70	M20 x 1.5	70 mm	46 mm	13.0 mm	33.5 mm	30 mm	20 mm	1.5 mm	25 PCS
0063 20 80	M20 x 1.5	80 mm	46 mm	13.0 mm	33.5 mm	30 mm	20 mm	1.5 mm	25 PCS

Hexagonal bolt, DIN 961, 10.9, yellow galvanised

DIN: 961
Material: Steel
Property class: 10.9
Surface: Yellow galvanised
Version: Metric fine thread
Thread type: Metric thread



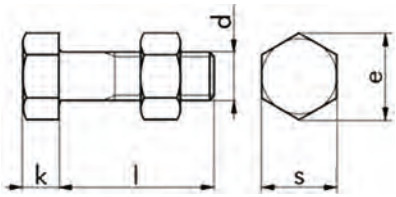


Art. No.	Thread type x nominal diameter x pitch (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0067 12 30	M12 x 1.5	30 mm	8.0 mm	21.1 mm	19 mm	12 mm	100 PCS
0067 12 40	M12 x 1.5	40 mm	8.0 mm	21.1 mm	19 mm	12 mm	100 PCS
0067 12 50	M12 x 1.5	50 mm	8.0 mm	21.1 mm	19 mm	12 mm	100 PCS
0067 14 35	M14 x 1.5	35 mm	9.0 mm	24.5 mm	22 mm	14 mm	100 PCS
0067 14 40	M14 x 1.5	40 mm	9.0 mm	24.5 mm	22 mm	14 mm	100 PCS
0067 14 45	M14 x 1.5	45 mm	9.0 mm	24.5 mm	22 mm	14 mm	50 PCS
0067 14 50	M14 x 1.5	50 mm	9.0 mm	24.5 mm	22 mm	14 mm	50 PCS
0067 16 40	M16 x 1.5	40 mm	12.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0067 16 45	M16 x 1.5	45 mm	12.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0067 16 50	M16 x 1.5	50 mm	12.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0067 16 60	M16 x 1.5	60 mm	12.0 mm	26.8 mm	24 mm	16 mm	50 PCS

Hexagonal bolt with nut, DIN 601, galvanised

DIN: 601
Material: Steel
Property class: 4.6
Surface: Galvanised
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0078 6 10	M6	10 mm	4.6 mm	11.05 mm	10 mm	6 mm	500 PCS
0078 6 16	M6	16 mm	4.6 mm	11.05 mm	10 mm	6 mm	500 PCS
0078 6 20	M6	20 mm	4.6 mm	11.05 mm	10 mm	6 mm	500 PCS
0078 6 25	M6	25 mm	4.6 mm	11.05 mm	10 mm	6 mm	500 PCS
0078 6 30	M6	30 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 35	M6	35 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 40	M6	40 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 45	M6	45 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 50	M6	50 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 55	M6	55 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 60	M6	60 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 70	M6	70 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 80	M6	80 mm	4.6 mm	11.05 mm	10 mm	6 mm	200 PCS
0078 6 100	M6	100 mm	4.6 mm	11.05 mm	10 mm	6 mm	100 PCS
0078 8 16	M8	16 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 20	M8	20 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 25	M8	25 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 30	M8	30 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 35	M8	35 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 40	M8	40 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 45	M8	45 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 50	M8	50 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 55	M8	55 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 60	M8	60 mm	5.3 mm	14.38 mm	13 mm	8 mm	200 PCS
0078 8 65	M8	65 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 70	M8	70 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 80	M8	80 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 90	M8	90 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 100	M8	100 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 110	M8	110 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 120	M8	120 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 140	M8	140 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0078 8 160	M8	160 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0078 10 16	M10	16 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0078 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS
0078 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0078 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 45	M10	45 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 55	M10	55 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 60	M10	60 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 65	M10	65 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 70	M10	70 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 80	M10	80 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0078 10 90	M10	90 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 100	M10	100 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 110	M10	110 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 120	M10	120 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 130	M10	130 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 140	M10	140 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 150	M10	150 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 160	M10	160 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 180	M10	180 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 200	M10	200 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0078 10 220	M10	220 mm	6.4 mm	18.9 mm	17 mm	10 mm	20 PCS
0078 10 240	M10	240 mm	6.4 mm	18.9 mm	17 mm	10 mm	20 PCS
0078 10 260	M10	260 mm	6.4 mm	18.9 mm	17 mm	10 mm	20 PCS
0078 10 280	M10	280 mm	6.4 mm	18.9 mm	17 mm	10 mm	20 PCS
0078 12 20	M12	20 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 25	M12	25 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 30	M12	30 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 35	M12	35 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 40	M12	40 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 45	M12	45 mm	7.5 mm	19.85 mm	19 mm	12 mm	100 PCS
0078 12 50	M12	50 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 55	M12	55 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 60	M12	60 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 65	M12	65 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 70	M12	70 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 75	M12	75 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 80	M12	80 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 90	M12	90 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 100	M12	100 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 110	M12	110 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 120	M12	120 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 130	M12	130 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 140	M12	140 mm	7.5 mm	19.85 mm	19 mm	12 mm	50 PCS
0078 12 150	M12	150 mm	7.5 mm	19.85 mm	19 mm	12 mm	25 PCS
0078 12 160	M12	160 mm	7.5 mm	19.85 mm	19 mm	12 mm	25 PCS
0078 12 180	M12	180 mm	7.5 mm	19.85 mm	19 mm	12 mm	25 PCS
0078 12 200	M12	200 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 220	M12	220 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 240	M12	240 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 260	M12	260 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 280	M12	280 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 300	M12	300 mm	7.5 mm	19.85 mm	19 mm	12 mm	10 PCS
0078 12 320	M12	320 mm	7.5 mm	19.85 mm	19 mm	12 mm	5 PCS
0078 12 360	M12	360 mm	7.5 mm	19.85 mm	19 mm	12 mm	5 PCS
0078 12 380	M12	380 mm	7.5 mm	19.85 mm	19 mm	12 mm	5 PCS
0078 12 400	M12	400 mm	7.5 mm	19.85 mm	19 mm	12 mm	5 PCS
0078 14 40	M14	40 mm	8.8 mm	23.5 mm	21 mm	14 mm	100 PCS

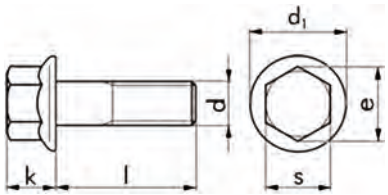
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0078 14 50	M14	50 mm	8.8 mm	23.5 mm	21 mm	14 mm	50 PCS
0078 14 60	M14	60 mm	8.8 mm	23.5 mm	21 mm	14 mm	50 PCS
0078 14 70	M14	70 mm	8.8 mm	23.5 mm	21 mm	14 mm	50 PCS
0078 14 80	M14	80 mm	8.8 mm	23.5 mm	21 mm	14 mm	50 PCS
0078 16 30	M16	30 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 35	M16	35 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 40	M16	40 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 45	M16	45 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 50	M16	50 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 55	M16	55 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 60	M16	60 mm	10.0 mm	26.17 mm	24 mm	16 mm	50 PCS
0078 16 65	M16	65 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 70	M16	70 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 75	M16	75 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 80	M16	80 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 90	M16	90 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 100	M16	100 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 110	M16	110 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 120	M16	120 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 130	M16	130 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 140	M16	140 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 150	M16	150 mm	10.0 mm	26.17 mm	24 mm	16 mm	25 PCS
0078 16 160	M16	160 mm	10.0 mm	26.17 mm	24 mm	16 mm	10 PCS
0078 16 180	M16	180 mm	10.0 mm	26.17 mm	24 mm	16 mm	10 PCS
0078 16 200	M16	200 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 220	M16	220 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 240	M16	240 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 260	M16	260 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 280	M16	280 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 300	M16	300 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 320	M16	320 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 360	M16	360 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 380	M16	380 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 400	M16	400 mm	10.0 mm	26.17 mm	24 mm	16 mm	5 PCS
0078 16 420	M16	420 mm	10.0 mm	26.17 mm	24 mm	16 mm	1 PCS
0078 16 440	M16	440 mm	10.0 mm	26.17 mm	24 mm	16 mm	1 PCS
0078 16 480	M16	480 mm	10.0 mm	26.17 mm	24 mm	16 mm	1 PCS
0078 16 500	M16	500 mm	10.0 mm	26.17 mm	24 mm	16 mm	1 PCS
0078 20 50	M20	50 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 60	M20	60 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 65	M20	65 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 70	M20	70 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 75	M20	75 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 80	M20	80 mm	12.5 mm	32.95 mm	30 mm	20 mm	25 PCS
0078 20 90	M20	90 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 100	M20	100 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 110	M20	110 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 120	M20	120 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 130	M20	130 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 140	M20	140 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 150	M20	150 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 160	M20	160 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 180	M20	180 mm	12.5 mm	32.95 mm	30 mm	20 mm	10 PCS
0078 20 220	M20	220 mm	12.5 mm	32.95 mm	30 mm	20 mm	5 PCS
0078 24 70	M24	70 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0078 24 80	M24	80 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0078 24 90	M24	90 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0078 24 100	M24	100 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0078 24 120	M24	120 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0078 24 140	M24	140 mm	15.0 mm	39.98 mm	36 mm	24 mm	10 PCS
0078 24 160	M24	160 mm	15.0 mm	39.98 mm	36 mm	24 mm	5 PCS

Hexagonal bolt with locking teeth, similar to DIN 6921, 8.8, galvanised

Material: Steel
Property class: 8.8
Surface: Galvanised
Thread type: Metric thread



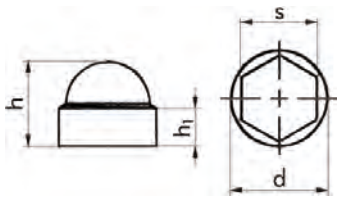


Art. No.	Thread type x nominal diameter (d)	Flange diameter (d1)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0274 05 10	M5	11 mm	10 mm	4.3 mm	8.8 mm	8 mm	5 mm	100 PCS
0274 05 12	M5	11 mm	12 mm	4.3 mm	8.8 mm	8 mm	5 mm	100 PCS
0274 05 16	M5	11 mm	16 mm	4.3 mm	8.8 mm	8 mm	5 mm	100 PCS
0274 06 10	M6	14.2 mm	10 mm	5.5 mm	11.1 mm	10 mm	6 mm	100 PCS
0274 06 12	M6	14.2 mm	12 mm	5.5 mm	11.1 mm	10 mm	6 mm	100 PCS
0274 06 16	M6	14.2 mm	16 mm	5.5 mm	11.1 mm	10 mm	6 mm	100 PCS
0274 06 20	M6	14.2 mm	20 mm	5.5 mm	11.1 mm	10 mm	6 mm	100 PCS
0274 08 12	M8	18 mm	12 mm	7.0 mm	14.4 mm	13 mm	8 mm	100 PCS
0274 08 16	M8	18 mm	16 mm	7.0 mm	14.4 mm	13 mm	8 mm	100 PCS
0274 08 20	M8	18 mm	20 mm	7.0 mm	14.4 mm	13 mm	8 mm	100 PCS
0274 08 25	M8	18 mm	25 mm	7.0 mm	14.4 mm	13 mm	8 mm	100 PCS

Cover cap for hexagonal bolt, plastic, black

Material: Plastic
Colour: Jet black RAL 9005



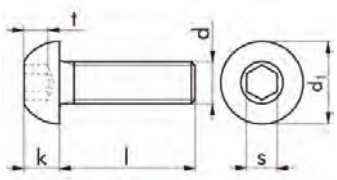


Art. No.	Diameter (d)	Height (h)	Head height (h1)	Width across flats (s)	Suitable for screw	Packaging unit (VPE)
0590 05	11.2 mm	11 mm	6 mm	8 mm	M5	100 PCS
0590 06	12.9 mm	12 mm	6 mm	10 mm	M6	100 PCS
0590 08	16.8 mm	14 mm	7.5 mm	13 mm	M8	100 PCS
0590 010	21.3 mm	19.5 mm	9 mm	17 mm	M10	50 PCS
0590 012	23.6 mm	20 mm	11 mm	19 mm	M12	50 PCS
0590 016	29.5 mm	26.7 mm	13.5 mm	24 mm	M16	25 PCS

Pan head screw, DIN EN ISO 7380-1 10.9, plain

ISO: 7380-1
Material: Steel
Property class: 10.9
Surface: Bare
Thread type: Metric thread





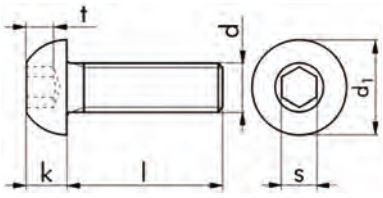
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
2084 3 6	M3	6 mm	1.65 mm	5.5 mm	2 mm	1.04 mm	3 mm	1000 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
2084 3 8	M3	8 mm	1.65 mm	5.5 mm	2 mm	1.04 mm	3 mm	1000 PCS
2084 3 10	M3	10 mm	1.65 mm	5.5 mm	2 mm	1.04 mm	3 mm	500 PCS
2084 3 12	M3	12 mm	1.65 mm	5.5 mm	2 mm	1.04 mm	3 mm	500 PCS
2084 4 6	M4	6 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	1000 PCS
2084 4 8	M4	8 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	1000 PCS
2084 4 10	M4	10 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	500 PCS
2084 4 12	M4	12 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	500 PCS
2084 4 16	M4	16 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	500 PCS
2084 4 20	M4	20 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	500 PCS
2084 4 25	M4	20 mm	2.20 mm	7.5 mm	2.5 mm	1.30 mm	4 mm	500 PCS
2084 5 8	M5	8 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	1000 PCS
2084 5 10	M5	10 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 12	M5	12 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 16	M5	16 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 20	M5	20 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 25	M5	25 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 30	M5	30 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 5 35	M5	35 mm	2.75 mm	9.5 mm	3 mm	1.56 mm	5 mm	500 PCS
2084 6 8	M6	8 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	1000 PCS
2084 6 10	M6	10 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 6 12	M6	12 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 6 16	M6	16 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 6 20	M6	20 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 6 25	M6	25 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 6 30	M6	30 mm	3.30 mm	10.5 mm	4 mm	2.08 mm	6 mm	500 PCS
2084 8 12	M8	12 mm	4.40 mm	14.0 mm	5 mm	2.60 mm	8 mm	200 PCS
2084 8 20	M8	20 mm	4.40 mm	14.0 mm	5 mm	2.60 mm	8 mm	200 PCS

Pan head screw, DIN EN ISO 7380-1 10.9, galvanised

ISO: 7380-1
Material: Steel
Property class: 10.9
Surface: Galvanised
Thread type: Metric thread





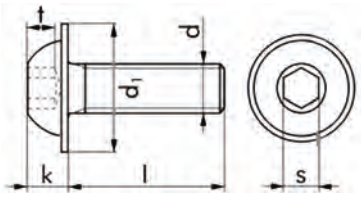
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0061 5 6	M5	6 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 8	M5	8 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 10	M5	10 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 12	M5	12 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0061 5 14	M5	14 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 16	M5	16 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 20	M5	20 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 5 25	M5	25 mm	2.7 mm	9.5 mm	3 mm	2.2 mm	5 mm	500 PCS
0061 6 8	M6	8 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 10	M6	10 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 12	M6	12 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 14	M6	14 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 16	M6	16 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 18	M6	18 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 20	M6	20 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 25	M6	25 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	500 PCS
0061 6 30	M6	30 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	200 PCS
0061 6 35	M6	35 mm	3.2 mm	10.5 mm	4 mm	2.4 mm	6 mm	200 PCS
0061 8 12	M8	12 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 14	M8	14 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 16	M8	16 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 18	M8	18 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 20	M8	20 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 25	M8	25 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 30	M8	30 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	200 PCS
0061 8 35	M8	35 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	100 PCS
0061 8 40	M8	40 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	100 PCS
0061 8 50	M8	50 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	100 PCS
0061 8 60	M8	60 mm	4.4 mm	14 mm	5 mm	3.1 mm	8 mm	100 PCS

Pan head screw with flange, DIN EN ISO 7380-2 10.9, galvanised

ISO: 7380-2
Material: Steel
Property class: 10.9
Surface: Galvanised
Version: With flange
Thread type: Metric thread





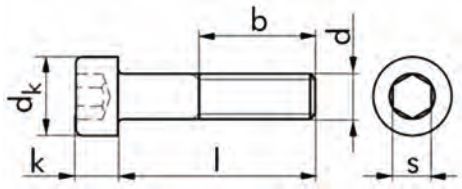
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0062 5 10	M5	10 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	500 PCS
0062 5 12	M5	12 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	500 PCS
0062 5 16	M5	16 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	500 PCS
0062 5 20	M5	20 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	500 PCS
0062 5 25	M5	25 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	500 PCS
0062 5 30	M5	30 mm	2.7 mm	11.8 mm	3 mm	2.2 mm	5 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0062 6 10	M6	10 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	500 PCS
0062 6 12	M6	12 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	500 PCS
0062 6 16	M6	16 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	500 PCS
0062 6 20	M6	20 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	500 PCS
0062 6 25	M6	25 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	500 PCS
0062 6 30	M6	30 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	200 PCS
0062 6 35	M6	35 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	200 PCS
0062 6 40	M6	40 mm	3.3 mm	13.6 mm	4 mm	2.4 mm	6 mm	200 PCS
0062 8 16	M8	16 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	200 PCS
0062 8 20	M8	20 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	200 PCS
0062 8 25	M8	25 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	200 PCS
0062 8 30	M8	30 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	200 PCS
0062 8 35	M8	35 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	100 PCS
0062 8 40	M8	40 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	100 PCS
0062 8 50	M8	50 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	100 PCS
0062 8 60	M8	60 mm	4.4 mm	17.8 mm	5 mm	3.1 mm	8 mm	100 PCS

Cheese head screw, DIN 912, 8.8, plain

DIN: 912
Material: Steel
Property class: 8.8
Surface: Bare
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 3 6	M3	6 mm	6 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 8	M3	8 mm	8 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 10	M3	10 mm	10 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 12	M3	12 mm	12 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 16	M3	16 mm	16 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 20	M3	20 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 22	M3	22 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		1000 PCS
0082 3 25	M3	25 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 30	M3	30 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		250 PCS
0082 3 35	M3	35 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0082 3 40	M3	40 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0082 3 50	M3	50 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0082 3 60	M3	60 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0082 4 6	M4	6 mm	6 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 8	M4	8 mm	8 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 4 10	M4	10 mm	10 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 12	M4	12 mm	12 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 16	M4	16 mm	16 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 18	M4	18 mm	18 mm	4.0 mm	7 mm	3 mm	4 mm		1000 PCS
0082 4 20	M4	20 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 25	M4	25 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 30	M4	30 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 35	M4	35 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 40	M4	40 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 45	M4	45 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 50	M4	50 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 60	M4	60 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0082 4 70	M4	70 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0082 5 6	M5	6 mm	6 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 8	M5	8 mm	8 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 10	M5	10 mm	10 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 12	M5	12 mm	12 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 16	M5	16 mm	16 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 18	M5	18 mm	18 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 20	M5	20 mm	20 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 25	M5	25 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 30	M5	30 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0082 5 35	M5	35 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 40	M5	40 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 45	M5	45 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 50	M5	50 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 55	M5	55 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 60	M5	60 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 65	M5	65 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 70	M5	70 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 80	M5	80 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 90	M5	90 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 5 100	M5	100 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0082 6 8	M6	6 mm	6 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 10	M6	10 mm	10 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 12	M6	12 mm	12 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 16	M6	16 mm	16 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 18	M6	18 mm	18 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 20	M6	20 mm	20 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 22	M6	22 mm	22 mm	6.0 mm	10 mm	5 mm	6 mm		1000 PCS
0082 6 25	M6	25 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 30	M6	30 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0082 6 35	M6	35 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 40	M6	40 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 45	M6	45 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 50	M6	50 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 55	M6	55 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 60	M6	60 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 65	M6	65 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 70	M6	70 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 75	M6	75 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 80	M6	80 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0082 6 90	M6	90 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0082 6 100	M6	100 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0082 6 110	M6	110 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 6 120	M6	120 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0082 8 10	M8	10 mm	10 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 12	M8	12 mm	12 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 16	M8	16 mm	16 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 18	M8	18 mm	18 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 20	M8	20 mm	20 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 25	M8	25 mm	25 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 30	M8	30 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 35	M8	35 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 40	M8	40 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 45	M8	45 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 50	M8	50 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 55	M8	55 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 60	M8	60 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 65	M8	65 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 70	M8	70 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 75	M8	75 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0082 8 80	M8	80 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 90	M8	90 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 100	M8	100 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 105	M8	105 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 110	M8	110 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 120	M8	120 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 130	M8	130 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0082 8 140	M8	140 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0082 8 150	M8	150 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0082 8 160	M8	160 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0082 8 180	M8	180 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0082 10 12	M10	12 mm	12 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 16	M10	16 mm	16 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 20	M10	20 mm	20 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 22	M10	22 mm	22 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 25	M10	25 mm	25 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 30	M10	30 mm	30 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0082 10 35	M10	35 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 40	M10	40 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 45	M10	45 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 50	M10	50 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 55	M10	55 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 60	M10	60 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 65	M10	65 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 70	M10	70 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 75	M10	75 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 80	M10	80 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 85	M10	85 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 90	M10	90 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 100	M10	100 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0082 10 110	M10	110 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0082 10 120	M10	120 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0082 10 130	M10	130 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0082 10 140	M10	140 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		25 PCS
0082 10 150	M10	150 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		25 PCS
0082 10 160	M10	160 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		25 PCS
0082 10 180	M10	180 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		25 PCS
0082 10 200	M10	200 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 12 16	M12	16 mm	16 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 20	M12	20 mm	20 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 25	M12	25 mm	25 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 30	M12	30 mm	30 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 35	M12	35 mm	35 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 40	M12	40 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 45	M12	45 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 50	M12	50 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 55	M12	55 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 60	M12	60 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0082 12 65	M12	65 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 70	M12	70 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 75	M12	75 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 80	M12	80 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 90	M12	90 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 100	M12	100 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 110	M12	110 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 120	M12	120 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 130	M12	130 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 140	M12	140 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		25 PCS
0082 12 150	M12	150 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		25 PCS
0082 12 160	M12	160 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		25 PCS
0082 12 180	M12	180 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		25 PCS
0082 12 200	M12	200 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		25 PCS
0082 12 210	M12	210 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 12 220	M12	220 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0082 14 25	M14	25 mm	25 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0082 14 30	M14	30 mm	30 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0082 14 35	M14	35 mm	35 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0082 14 40	M14	40 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0082 14 45	M14	45 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 50	M14	50 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 55	M14	55 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 60	M14	60 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 70	M14	70 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 80	M14	80 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 90	M14	90 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 100	M14	100 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 110	M14	110 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 14 120	M14	120 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0082 16 20	M16	20 mm	20 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 25	M16	25 mm	25 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 30	M16	30 mm	30 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 35	M16	35 mm	35 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 40	M16	40 mm	40 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 45	M16	45 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 50	M16	50 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 55	M16	55 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 60	M16	60 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0082 16 65	M16	65 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 70	M16	70 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 75	M16	75 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 80	M16	80 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 90	M16	90 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 100	M16	100 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS

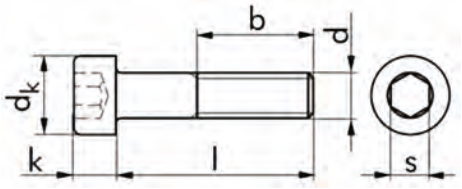
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 16 110	M16	110 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 120	M16	120 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 130	M16	130 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 140	M16	140 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 150	M16	150 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 160	M16	160 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 170	M16	170 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0082 16 180	M16	180 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0082 16 190	M16	190 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0082 16 200	M16	200 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		10 PCS
0082 16 210	M16	210 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0082 16 220	M16	220 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0082 16 240	M16	240 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0082 20 30	M20	30 mm	30 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 35	M20	35 mm	35 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 40	M20	40 mm	40 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 45	M20	45 mm	45 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 50	M20	50 mm	50 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 55	M20	55 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 60	M20	60 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 65	M20	65 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 70	M20	70 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 75	M20	75 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 80	M20	80 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 90	M20	90 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 100	M20	100 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0082 20 110	M20	110 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0082 20 120	M20	120 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0082 20 130	M20	130 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0082 20 140	M20	140 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0082 20 150	M20	150 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 20 160	M20	160 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 20 170	M20	170 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 20 180	M20	180 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 20 200	M20	200 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 20 220	M20	220 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0082 24 40	M24	40 mm	40 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0082 24 50	M24	50 mm	50 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0082 24 60	M24	60 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 70	M24	70 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 80	M24	80 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 90	M24	90 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 100	M24	100 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 110	M24	110 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 120	M24	120 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0082 24 130	M24	130 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 140	M24	140 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 150	M24	150 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 160	M24	160 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 180	M24	180 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 200	M24	200 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 24 220	M24	220 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0082 30 60	M30	60 mm	60 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 70	M30	70 mm	70 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 80	M30	80 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0082 30 90	M30	90 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 100	M30	100 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 110	M30	110 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 120	M30	120 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 130	M30	130 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 150	M30	150 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 160	M30	160 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS
0082 30 180	M30	180 mm	72 mm	30.0 mm	45 mm	22 mm	30 mm	5	1 PCS

Cheese head screw, DIN 912, 10.9, plain

DIN: 912
Material: Steel
Property class: 10.9
Surface: Bare
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
2083 3 6	M3	6 mm	6 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
2083 3 8	M3	8 mm	8 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		1000 PCS
2083 3 10	M3	10 mm	10 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
2083 3 12	M3	12 mm	12 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		1000 PCS
2083 3 16	M3	16 mm	16 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
2083 3 25	M3	25 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
2083 3 30	M3	30 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
2083 4 6	M4	6 mm	6 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 8	M4	8 mm	8 mm	4.0 mm	7 mm	3 mm	4 mm		1000 PCS
2083 4 10	M4	10 mm	10 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 12	M4	12 mm	12 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 16	M4	16 mm	16 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 20	M4	20 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 25	M4	25 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 30	M4	30 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 35	M4	35 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 40	M4	40 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 45	M4	45 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 4 50	M4	50 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
2083 5 8	M5	8 mm	8 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 10	M5	10 mm	10 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
2083 5 12	M5	12 mm	12 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 16	M5	16 mm	16 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 20	M5	20 mm	20 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 25	M5	25 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 30	M5	30 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
2083 5 35	M5	35 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 40	M5	40 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 45	M5	45 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 50	M5	50 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 55	M5	55 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 60	M5	60 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 65	M5	65 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 70	M5	70 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 75	M5	75 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 80	M5	80 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 85	M5	85 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 90	M5	90 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 95	M5	95 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 100	M5	100 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
2083 5 120	M5	120 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		100 PCS
2083 6 8	M6	8 mm	8 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 10	M6	10 mm	10 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 12	M6	12 mm	12 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 16	M6	16 mm	16 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 20	M6	20 mm	20 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 25	M6	25 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 30	M6	30 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		500 PCS
2083 6 35	M6	35 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 40	M6	40 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 45	M6	45 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 50	M6	50 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 55	M6	55 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 60	M6	60 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 65	M6	65 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 70	M6	70 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 75	M6	75 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 80	M6	80 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
2083 6 85	M6	85 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 6 90	M6	90 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 6 95	M6	95 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 6 100	M6	100 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 6 110	M6	110 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 6 120	M6	120 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
2083 8 10	M8	10 mm	10 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 12	M8	12 mm	12 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 16	M8	16 mm	16 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 20	M8	20 mm	20 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 25	M8	25 mm	25 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 30	M8	30 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 35	M8	35 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 40	M8	40 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 45	M8	45 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 50	M8	50 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 55	M8	55 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 60	M8	60 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
2083 8 65	M8	65 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 70	M8	70 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 75	M8	75 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
2083 8 80	M8	80 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 85	M8	85 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 90	M8	90 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 95	M8	95 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 100	M8	100 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 110	M8	110 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 120	M8	120 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 130	M8	130 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
2083 8 140	M8	140 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
2083 8 150	M8	150 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
2083 10 10	M10	10 mm	10 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 12	M10	12 mm	12 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 16	M10	16 mm	16 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 20	M10	20 mm	20 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 25	M10	25 mm	25 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 30	M10	30 mm	30 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
2083 10 35	M10	35 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 40	M10	40 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 45	M10	45 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 50	M10	50 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 55	M10	55 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 60	M10	60 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 65	M10	65 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 70	M10	70 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 75	M10	75 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 80	M10	80 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 90	M10	90 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
2083 10 95	M10	95 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 100	M10	100 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 110	M10	110 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 120	M10	120 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 130	M10	130 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 140	M10	140 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 10 150	M10	150 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
2083 12 16	M12	16 mm	16 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 20	M12	20 mm	20 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 25	M12	25 mm	25 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 30	M12	30 mm	30 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 35	M12	35 mm	35 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 40	M12	40 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 45	M12	45 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 50	M12	50 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 55	M12	55 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 60	M12	60 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
2083 12 65	M12	65 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 70	M12	70 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 75	M12	75 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 80	M12	80 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 85	M12	85 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 90	M12	90 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 95	M12	95 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 100	M12	100 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS

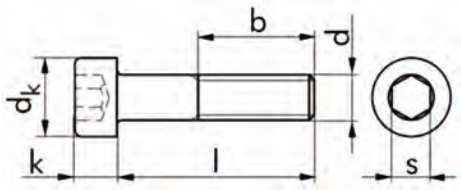
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
2083 12 110	M12	110 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 120	M12	120 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 130	M12	130 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 140	M12	140 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 150	M12	150 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 160	M12	160 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 170	M12	170 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 180	M12	180 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 190	M12	190 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 12 200	M12	200 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
2083 14 30	M14	30 mm	30 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
2083 14 35	M14	35 mm	35 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
2083 14 40	M14	40 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 45	M14	45 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 50	M14	50 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 55	M14	55 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 60	M14	60 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 65	M14	65 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 70	M14	70 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 80	M14	80 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 90	M14	90 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 100	M14	100 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 120	M14	120 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 130	M14	130 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
2083 14 140	M14	140 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		25 PCS
2083 14 150	M14	150 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		25 PCS
2083 16 20	M16	20 mm	20 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 25	M16	25 mm	25 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 30	M16	30 mm	30 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 35	M16	35 mm	35 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 40	M16	40 mm	40 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 45	M16	45 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 50	M16	50 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 55	M16	55 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 60	M16	60 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
2083 16 65	M16	65 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 70	M16	70 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 75	M16	75 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 80	M16	80 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 85	M16	85 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 90	M16	90 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 100	M16	100 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 110	M16	110 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 120	M16	120 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 130	M16	130 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 140	M16	140 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 150	M16	150 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 160	M16	160 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
2083 16 170	M16	170 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
2083 16 180	M16	180 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
2083 16 190	M16	190 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
2083 16 200	M16	200 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
2083 20 30	M20	30 mm	30 mm	20.0 mm	30 mm	17 mm	20 mm		50 PCS
2083 20 35	M20	35 mm	35 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 40	M20	40 mm	40 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
2083 20 45	M20	45 mm	45 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 50	M20	50 mm	50 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 55	M20	55 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 60	M20	60 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 65	M20	65 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 70	M20	70 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 75	M20	75 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 80	M20	80 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 85	M20	85 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 90	M20	90 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 100	M20	100 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 110	M20	110 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 120	M20	120 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 130	M20	130 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 140	M20	140 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
2083 20 150	M20	150 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 20 160	M20	160 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 20 170	M20	170 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 20 180	M20	180 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 20 190	M20	190 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 20 200	M20	200 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
2083 24 40	M24	40 mm	40 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
2083 24 50	M24	50 mm	50 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
2083 24 60	M24	60 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
2083 24 65	M24	65 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
2083 24 70	M24	70 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
2083 24 80	M24	80 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
2083 24 90	M24	90 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
2083 24 100	M24	100 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
2083 24 110	M24	110 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
2083 24 120	M24	120 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
2083 24 130	M24	130 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 140	M24	140 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 150	M24	150 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 160	M24	160 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 170	M24	170 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 180	M24	180 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
2083 24 200	M24	200 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS

Cheese head screw, DIN 912, 12.9, plain

DIN: 912
Material: Steel
Property class: 12.9
Surface: Bare
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0083 3 8	M3	8 mm	8 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0083 3 10	M3	10 mm	10 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		1000 PCS
0083 3 12	M3	12 mm	12 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0083 3 16	M3	16 mm	16 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0083 3 20	M3	20 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0083 3 25	M3	25 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm		500 PCS
0083 4 6	M4	6 mm	6 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0083 4 8	M4	8 mm	8 mm	4.0 mm	7 mm	3 mm	4 mm		1000 PCS
0083 4 10	M4	10 mm	10 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 12	M4	12 mm	12 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 16	M4	16 mm	16 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 20	M4	20 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 25	M4	25 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 30	M4	30 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		250 PCS
0083 4 35	M4	35 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0083 4 40	M4	40 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0083 4 45	M4	45 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0083 4 50	M4	50 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm		500 PCS
0083 5 6	M5	6 mm	6 mm	5.0 mm	8.5 mm	4 mm	5 mm		500 PCS
0083 5 8	M5	8 mm	8 mm	5.0 mm	8.5 mm	4 mm	5 mm		1000 PCS
0083 5 10	M5	10 mm	10 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 12	M5	12 mm	12 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 16	M5	16 mm	16 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 20	M5	20 mm	20 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 25	M5	25 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 30	M5	30 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		250 PCS
0083 5 35	M5	35 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 40	M5	40 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 45	M5	45 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 50	M5	50 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 55	M5	55 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 60	M5	60 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 70	M5	70 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 80	M5	80 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 90	M5	90 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 5 100	M5	100 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm		200 PCS
0083 6 8	M6	8 mm	8 mm	6.0 mm	10 mm	5 mm	6 mm		1000 PCS
0083 6 10	M6	10 mm	10 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 12	M6	12 mm	12 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 16	M6	16 mm	16 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 20	M6	20 mm	20 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 25	M6	25 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 30	M6	30 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		250 PCS
0083 6 35	M6	35 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 40	M6	40 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 45	M6	45 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0083 6 50	M6	50 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 55	M6	55 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 60	M6	60 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 65	M6	65 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 70	M6	70 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 80	M6	80 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		200 PCS
0083 6 90	M6	90 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0083 6 100	M6	100 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0083 6 110	M6	110 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0083 6 120	M6	120 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm		100 PCS
0083 8 10	M8	10 mm	10 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 12	M8	12 mm	12 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 16	M8	16 mm	16 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 20	M8	20 mm	20 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 25	M8	25 mm	25 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 30	M8	30 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 35	M8	35 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 40	M8	40 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 45	M8	45 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 50	M8	50 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 55	M8	55 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 60	M8	60 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 65	M8	65 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 70	M8	70 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 75	M8	75 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		200 PCS
0083 8 80	M8	80 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 85	M8	85 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 90	M8	90 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 100	M8	100 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 110	M8	110 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 120	M8	120 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		100 PCS
0083 8 130	M8	130 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0083 8 140	M8	140 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0083 8 150	M8	150 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm		50 PCS
0083 10 12	M10	12 mm	12 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0083 10 16	M10	16 mm	16 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0083 10 20	M10	20 mm	20 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0083 10 25	M10	25 mm	25 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0083 10 30	M10	30 mm	30 mm	10.0 mm	16 mm	8 mm	10 mm		200 PCS
0083 10 35	M10	35 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 40	M10	40 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 45	M10	45 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 50	M10	50 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 55	M10	55 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 60	M10	60 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 65	M10	65 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 70	M10	70 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 75	M10	75 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 80	M10	80 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 85	M10	85 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 90	M10	90 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 100	M10	100 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 110	M10	110 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		100 PCS
0083 10 120	M10	120 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 10 130	M10	130 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS

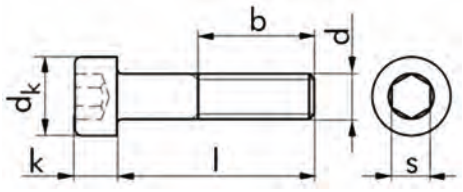
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0083 10 140	M10	140 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 10 150	M10	150 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 10 160	M10	160 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 10 170	M10	170 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 10 180	M10	180 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm		50 PCS
0083 12 20	M12	20 mm	20 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 25	M12	25 mm	25 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 30	M12	30 mm	30 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 35	M12	35 mm	35 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 40	M12	40 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 45	M12	45 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 50	M12	50 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 55	M12	55 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 60	M12	60 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		100 PCS
0083 12 65	M12	65 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 70	M12	70 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 75	M12	75 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 80	M12	80 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 90	M12	90 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 100	M12	100 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 110	M12	110 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 120	M12	120 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 130	M12	130 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 140	M12	140 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 150	M12	150 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 160	M12	160 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 170	M12	170 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 12 180	M12	180 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm		50 PCS
0083 14 30	M14	30 mm	30 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0083 14 35	M14	35 mm	35 mm	14.0 mm	21 mm	12 mm	14 mm		100 PCS
0083 14 40	M14	40 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 45	M14	45 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 50	M14	50 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 55	M14	55 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 60	M14	60 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 65	M14	65 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 70	M14	70 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 75	M14	75 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 80	M14	80 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 90	M14	90 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 14 100	M14	100 mm	40 mm	14.0 mm	21 mm	12 mm	14 mm		50 PCS
0083 16 25	M16	25 mm	25 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 30	M16	30 mm	30 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 35	M16	35 mm	35 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 40	M16	40 mm	40 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 45	M16	45 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 50	M16	50 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 55	M16	55 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 60	M16	60 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		50 PCS
0083 16 65	M16	65 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 70	M16	70 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 75	M16	75 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 80	M16	80 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 85	M16	85 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 90	M16	90 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Package size	Packaging unit (VPE)
0083 16 100	M16	100 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 110	M16	110 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 120	M16	120 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 130	M16	130 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 140	M16	140 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 150	M16	150 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 160	M16	160 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm		25 PCS
0083 16 170	M16	170 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0083 16 180	M16	180 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0083 16 190	M16	190 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0083 16 200	M16	200 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25	1 PCS
0083 20 35	M20	35 mm	35 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 40	M20	40 mm	40 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 45	M20	45 mm	45 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 50	M20	50 mm	50 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 55	M20	55 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 60	M20	60 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 65	M20	65 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 70	M20	70 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 75	M20	75 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 80	M20	80 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 90	M20	90 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 100	M20	100 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 110	M20	110 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 120	M20	120 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 130	M20	130 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 140	M20	140 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		25 PCS
0083 20 150	M20	150 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0083 20 160	M20	160 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm		10 PCS
0083 20 170	M20	170 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	10	1 PCS
0083 20 180	M20	180 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0083 20 190	M20	190 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	10	1 PCS
0083 20 200	M20	200 mm	52 mm	20.0 mm	30 mm	17 mm	20 mm	25	1 PCS
0083 24 50	M24	50 mm	50 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0083 24 60	M24	60 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0083 24 70	M24	70 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0083 24 80	M24	80 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0083 24 90	M24	90 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		25 PCS
0083 24 100	M24	100 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0083 24 110	M24	110 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0083 24 120	M24	120 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm		10 PCS
0083 24 130	M24	130 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0083 24 140	M24	140 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0083 24 150	M24	150 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0083 24 160	M24	160 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0083 24 180	M24	180 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS
0083 24 200	M24	200 mm	60 mm	24.0 mm	36 mm	19 mm	24 mm	10	1 PCS

Cheese-head screw DIN 912 8.8 galv

DIN: 912
Material: Steel
Property class: 8.8
Surface: Galvanised
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0084 3 6	M3	6 mm	6 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 8	M3	8 mm	8 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 10	M3	10 mm	10 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 12	M3	12 mm	12 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 16	M3	16 mm	16 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 18	M3	18 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 20	M3	20 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 25	M3	25 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 30	M3	30 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 3 35	M3	35 mm	18 mm	3.0 mm	5.5 mm	2.5 mm	3 mm	250 PCS
0084 4 6	M4	6 mm	6 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 8	M4	8 mm	8 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 10	M4	10 mm	10 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 12	M4	12 mm	12 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 14	M4	14 mm	14 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 16	M4	16 mm	16 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 18	M4	18 mm	18 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 20	M4	20 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 25	M4	25 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 30	M4	30 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 35	M4	35 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 40	M4	40 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 45	M4	45 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 50	M4	50 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 4 60	M4	60 mm	20 mm	4.0 mm	7 mm	3 mm	4 mm	250 PCS
0084 5 6	M5	6 mm	6 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 8	M5	8 mm	8 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 10	M5	10 mm	10 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 12	M5	12 mm	12 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 14	M5	14 mm	14 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 16	M5	16 mm	16 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 18	M5	18 mm	18 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 20	M5	20 mm	20 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 25	M5	25 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 30	M5	30 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	250 PCS
0084 5 35	M5	35 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 5 40	M5	40 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS

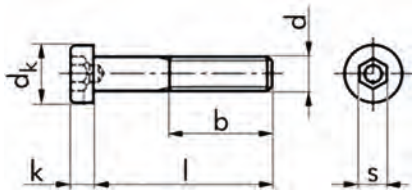
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0084 5 45	M5	45 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 5 50	M5	50 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 5 55	M5	55 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 5 60	M5	60 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 5 70	M5	70 mm	22 mm	5.0 mm	8.5 mm	4 mm	5 mm	200 PCS
0084 6 8	M6	8 mm	8 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 10	M6	10 mm	10 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 12	M6	12 mm	12 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 14	M6	14 mm	14 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 16	M6	16 mm	16 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 18	M6	18 mm	18 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 20	M6	20 mm	20 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 25	M6	25 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 30	M6	30 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	250 PCS
0084 6 35	M6	35 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 40	M6	40 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 45	M6	45 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 50	M6	50 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 55	M6	55 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 60	M6	60 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 65	M6	65 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 70	M6	70 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 75	M6	75 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 80	M6	80 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	200 PCS
0084 6 90	M6	90 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	100 PCS
0084 6 100	M6	100 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	100 PCS
0084 6 110	M6	110 mm	24 mm	6.0 mm	10 mm	5 mm	6 mm	100 PCS
0084 8 10	M8	10 mm	10 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 12	M8	12 mm	12 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 14	M8	15 mm	15 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 16	M8	16 mm	16 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 18	M8	18 mm	18 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 20	M8	20 mm	20 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 22	M8	22 mm	22 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 25	M8	25 mm	25 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 30	M8	30 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 35	M8	35 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 40	M8	40 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 45	M8	45 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 50	M8	50 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 55	M8	55 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 60	M8	60 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 65	M8	65 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 70	M8	70 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 75	M8	75 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	200 PCS
0084 8 80	M8	80 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	100 PCS
0084 8 90	M8	90 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	100 PCS
0084 8 100	M8	100 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	100 PCS
0084 8 110	M8	110 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	100 PCS
0084 8 120	M8	120 mm	28 mm	8.0 mm	13 mm	6 mm	8 mm	100 PCS
0084 10 16	M10	16 mm	16 mm	10.0 mm	16 mm	8 mm	10 mm	200 PCS
0084 10 20	M10	20 mm	20 mm	10.0 mm	16 mm	8 mm	10 mm	200 PCS
0084 10 25	M10	25 mm	25 mm	10.0 mm	16 mm	8 mm	10 mm	200 PCS
0084 10 30	M10	30 mm	30 mm	10.0 mm	16 mm	8 mm	10 mm	200 PCS
0084 10 35	M10	35 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 40	M10	40 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0084 10 45	M10	45 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 50	M10	50 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 55	M10	55 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 60	M10	60 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 65	M10	65 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 70	M10	70 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 80	M10	80 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 90	M10	90 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 100	M10	100 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	100 PCS
0084 10 110	M10	110 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	50 PCS
0084 10 120	M10	120 mm	32 mm	10.0 mm	16 mm	8 mm	10 mm	50 PCS
0084 12 16	M12	16 mm	16 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 20	M12	20 mm	20 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 25	M12	25 mm	25 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 30	M12	30 mm	30 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 35	M12	35 mm	35 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 40	M12	40 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 45	M12	45 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 50	M12	50 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 60	M12	60 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	100 PCS
0084 12 70	M12	70 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	50 PCS
0084 12 80	M12	80 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	50 PCS
0084 12 90	M12	90 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	50 PCS
0084 12 100	M12	100 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	50 PCS
0084 12 120	M12	120 mm	36 mm	12.0 mm	18 mm	10 mm	12 mm	50 PCS
0084 16 25	M16	25 mm	25 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 30	M16	30 mm	30 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 35	M16	35 mm	35 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 40	M16	40 mm	40 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 45	M16	45 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 50	M16	50 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 60	M16	60 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	50 PCS
0084 16 70	M16	70 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25 PCS
0084 16 80	M16	80 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25 PCS
0084 16 90	M16	90 mm	44 mm	16.0 mm	24 mm	14 mm	16 mm	25 PCS

Cheese head screw, DIN 6912, 8.8, plain

DIN: 6912
Material: Steel
Property class: 8.8
Surface: Bare
Thread type: Metric thread





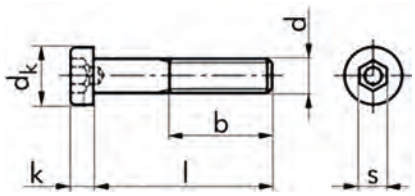
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0085 4 8	M4	8 mm	8 mm	2.8 mm	7 mm	3 mm	4 mm	500 PCS
0085 4 10	M4	10 mm	10 mm	2.8 mm	7 mm	3 mm	4 mm	500 PCS
0085 4 12	M4	12 mm	12 mm	2.8 mm	7 mm	3 mm	4 mm	500 PCS
0085 4 16	M4	16 mm	14 mm	2.8 mm	7 mm	3 mm	4 mm	500 PCS
0085 5 8	M5	8 mm	8 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 10	M5	10 mm	10 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 12	M5	12 mm	12 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 16	M5	16 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 20	M5	20 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 25	M5	25 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 5 30	M5	30 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0085 6 10	M6	10 mm	10 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 12	M6	12 mm	12 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 16	M6	16 mm	16 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 20	M6	20 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 25	M6	25 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 30	M6	30 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0085 6 35	M6	35 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0085 6 40	M6	40 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0085 6 50	M6	50 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0085 6 60	M6	60 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0085 8 12	M8	12 mm	12 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 16	M8	16 mm	16 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 20	M8	20 mm	20 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 25	M8	25 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 30	M8	30 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 35	M8	35 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 40	M8	40 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 45	M8	45 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 50	M8	50 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 8 60	M8	60 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0085 10 16	M10	16 mm	16 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0085 10 20	M10	20 mm	20 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0085 10 25	M10	25 mm	25 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0085 10 30	M10	30 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0085 10 35	M10	35 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0085 10 40	M10	40 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0085 10 45	M10	45 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0085 10 50	M10	50 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0085 10 60	M10	60 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0085 12 16	M12	16 mm	16 mm	7.5 mm	18 mm	10 mm	12 mm	200 PCS
0085 12 20	M12	20 mm	20 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 25	M12	25 mm	25 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 30	M12	30 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 35	M12	35 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 40	M12	40 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 45	M12	45 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 50	M12	50 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 60	M12	60 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	100 PCS
0085 12 80	M12	80 mm	30 mm	7.5 mm	18 mm	10 mm	12 mm	50 PCS
0085 16 30	M16	30 mm	30 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS
0085 16 35	M16	35 mm	35 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS
0085 16 40	M16	40 mm	38 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS
0085 16 45	M16	45 mm	38 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS
0085 16 50	M16	50 mm	38 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS
0085 16 60	M16	60 mm	38 mm	10.0 mm	24 mm	14 mm	16 mm	50 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0085 16 80	M16	80 mm	38 mm	10.0 mm	24 mm	14 mm	16 mm	25 PCS

Cheese-head screw DIN 6912 8.8 galv

DIN: 6912
Material: Steel
Property class: 8.8
Surface: Galvanised
Thread type: Metric thread



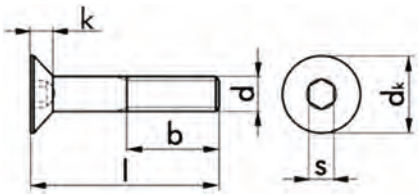


Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0086 4 12	M4	14 mm	14 mm	2.8 mm	7 mm	3 mm	4 mm	500 PCS
0086 5 10	M5	10 mm	10 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0086 5 12	M5	12 mm	12 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0086 5 16	M5	16 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0086 5 20	M5	20 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	500 PCS
0086 5 35	M5	35 mm	16 mm	3.5 mm	8.5 mm	4 mm	5 mm	200 PCS
0086 6 10	M6	10 mm	10 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 12	M6	12 mm	12 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 16	M6	16 mm	16 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 20	M6	20 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 25	M6	25 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 30	M6	30 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	500 PCS
0086 6 35	M6	35 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0086 6 40	M6	40 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0086 6 50	M6	50 mm	18 mm	4.0 mm	10 mm	5 mm	6 mm	200 PCS
0086 8 16	M8	16 mm	16 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 20	M8	20 mm	20 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 25	M8	25 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 30	M8	30 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 35	M8	35 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 40	M8	40 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 8 50	M8	50 mm	22 mm	5.0 mm	13 mm	6 mm	8 mm	200 PCS
0086 10 20	M10	20 mm	20 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0086 10 25	M10	25 mm	25 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0086 10 30	M10	30 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	200 PCS
0086 10 35	M10	35 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0086 10 40	M10	40 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS
0086 10 50	M10	50 mm	26 mm	6.5 mm	16 mm	8 mm	10 mm	100 PCS

Countersunk head screws, DIN 7991, 10.9, plain

ISO: 10642
Material: Steel
Property class: 10.9
Surface: Bare
Thread type: Metric thread



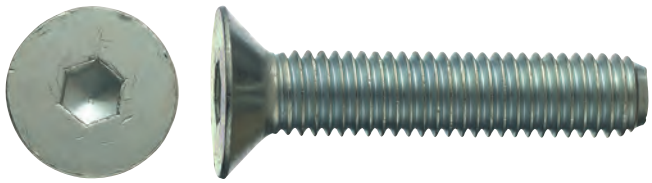


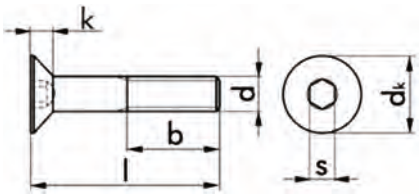
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0089 3 6	M3	6 mm	6 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 3 8	M3	8 mm	8 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 3 10	M3	10 mm	10 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 3 12	M3	12 mm	12 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 3 16	M3	16 mm	12 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 3 20	M3	20 mm	12 mm	6.72 mm	1.86 mm	2 mm	3 mm	0.5 mm	500 PCS
0089 4 8	M4	8 mm	8 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 4 10	M4	10 mm	10 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 4 12	M4	12 mm	12 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 4 16	M4	16 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 4 20	M4	20 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 5 8	M5	8 mm	8 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 10	M5	10 mm	10 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 12	M5	12 mm	12 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 16	M5	16 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 20	M5	20 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 25	M5	25 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 5 30	M5	30 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8	250 PCS
0089 6 10	M6	10 mm	10 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 12	M6	12 mm	12 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 16	M6	16 mm	16 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 20	M6	20 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 25	M6	25 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 30	M6	30 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 6 35	M6	35 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 6 40	M6	40 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 8 12	M8	12 mm	12 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 16	M8	16 mm	16 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 20	M8	20 mm	20 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 25	M8	25 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 30	M8	30 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 35	M8	35 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 40	M8	40 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 8 50	M8	50 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 10 16	M10	16 mm	16 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0089 10 20	M10	20 mm	20 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	200 PCS
0089 10 25	M10	25 mm	25 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	200 PCS
0089 10 30	M10	30 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	200 PCS
0089 10 35	M10	35 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0089 10 40	M10	40 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0089 10 45	M10	45 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0089 10 50	M10	50 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0089 10 60	M10	60 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0089 12 20	M12	20 mm	20 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 25	M12	25 mm	25 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 30	M12	30 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 35	M12	35 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 40	M12	40 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 45	M12	45 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 50	M12	50 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 60	M12	60 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 12 70	M12	70 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
0089 16 30	M16	30 mm	30 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 35	M16	35 mm	35 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 40	M16	40 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 50	M16	50 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 55	M16	55 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 60	M16	60 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 16 70	M16	70 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	25 PCS
0089 16 80	M16	80 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	25 PCS
0089 20 50	M20	50 mm	46 mm	40.32 mm	10.16 mm	12 mm	20 mm	2.5 mm	25 PCS
0089 20 60	M20	60 mm	46 mm	40.32 mm	10.16 mm	12 mm	20 mm	2.5 mm	25 PCS
0089 20 70	M20	70 mm	46 mm	40.32 mm	10.16 mm	12 mm	20 mm	2.5 mm	25 PCS
0089 20 80	M20	80 mm	46 mm	40.32 mm	10.16 mm	12 mm	20 mm	2.5 mm	25 PCS

Countersunk head screws DIN 7991 10.9 galvanised

ISO: 10642
Material: Steel
Property class: 10.9
Surface: Galvanised
Thread type: Metric thread



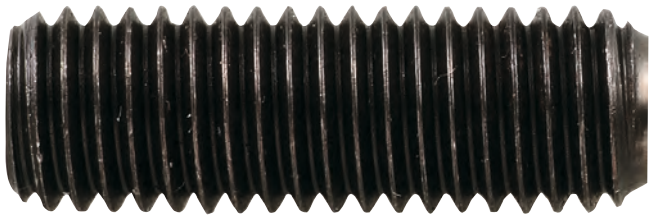


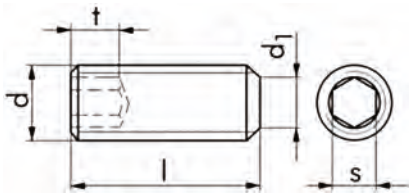
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0089 04 8	M4	8 mm	8 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 10	M4	10 mm	10 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 12	M4	12 mm	12 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 16	M4	16 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 20	M4	20 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 25	M4	25 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 30	M4	30 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	250 PCS
0089 04 40	M4	40 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	200 PCS
0089 05 8	M5	8 mm	8 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 10	M5	10 mm	10 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 12	M5	12 mm	12 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 14	M5	14 mm	14 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 16	M5	16 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 20	M5	20 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 25	M5	25 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 30	M5	30 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	250 PCS
0089 05 35	M5	35 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
0089 05 40	M5	40 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
0089 06 8	M6	6 mm	6 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 10	M6	10 mm	10 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 12	M6	12 mm	12 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 14	M6	14 mm	14 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 16	M6	16 mm	16 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 20	M6	20 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 25	M6	25 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 30	M6	30 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	250 PCS
0089 06 35	M6	35 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 06 40	M6	40 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 06 45	M6	45 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 06 50	M6	50 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
0089 08 12	M8	12 mm	12 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 16	M8	16 mm	16 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 20	M8	20 mm	20 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 25	M8	25 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 30	M8	30 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 35	M8	35 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 40	M8	40 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 45	M8	45 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 50	M8	50 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
0089 08 60	M8	60 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	50 PCS
0089 010 16	M10	16 mm	16 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	200 PCS
0089 010 20	M10	20 mm	20 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	200 PCS
0089 010 25	M10	25 mm	25 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	200 PCS
0089 010 30	M10	30 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	200 PCS
0089 010 35	M10	35 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 40	M10	40 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 45	M10	45 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 50	M10	50 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 60	M10	60 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 70	M10	70 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 010 80	M10	80 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5	100 PCS
0089 012 20	M12	20 mm	20 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 25	M12	25 mm	25 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 30	M12	30 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 35	M12	35 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0089 012 40	M12	40 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 50	M12	50 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 60	M12	60 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 70	M12	70 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 012 80	M12	80 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0089 016 30	M16	30 mm	30 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 016 40	M16	40 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 016 50	M16	50 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS
0089 016 60	M16	60 mm	38 mm	33.60 mm	8.8 mm	10 mm	16 mm	2 mm	50 PCS

Set screw with flat point DIN 913 45H

DIN: 913
Hardness category: 45H
Version: With flat point
Surface: Bare
Thread type: Metric thread



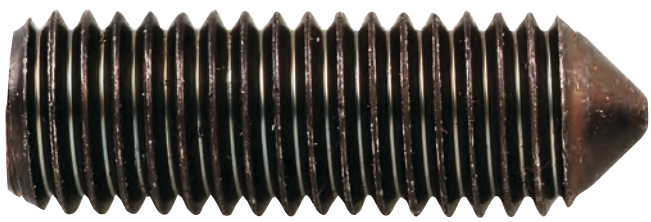


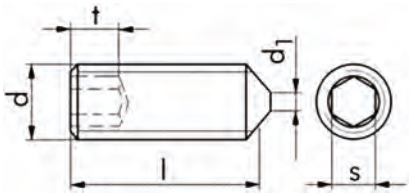
Art. No.	Thread type x nominal diameter (d)	Length (l)	Diameter of flat point (d1)	Drive depth (t)	Internal drive (s)	Nominal diameter	Packaging unit (VPE)
0255 4 4	M4	4 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 5	M4	5 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 6	M4	6 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 8	M4	8 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 10	M4	10 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 12	M4	12 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 16	M4	16 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 20	M4	20 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 4 25	M4	25 mm	2.5 mm	1.5 mm	IH2	4 mm	100 PCS
0255 5 5	M5	5 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 6	M5	6 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 8	M5	8 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 10	M5	10 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 12	M5	12 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 16	M5	16 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 20	M5	20 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 25	M5	25 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 5 30	M5	30 mm	3.5 mm	2 mm	IH2.5	5 mm	100 PCS
0255 6 5	M6	5 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 6	M6	6 mm	4 mm	2 mm	IH3	6 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Diameter of flat point (d1)	Drive depth (t)	Internal drive (s)	Nominal diameter	Packaging unit (VPE)
0255 6 8	M6	8 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 10	M6	10 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 12	M6	12 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 16	M6	16 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 20	M6	20 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 25	M6	25 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 30	M6	30 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 35	M6	35 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 6 40	M6	40 mm	4 mm	2 mm	IH3	6 mm	100 PCS
0255 8 8	M8	8 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 10	M8	10 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 12	M8	12 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 16	M8	16 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 20	M8	20 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 25	M8	25 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 30	M8	30 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 35	M8	35 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 8 40	M8	40 mm	5.5 mm	3 mm	IH4	8 mm	100 PCS
0255 10 10	M10	10 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 12	M10	12 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 16	M10	16 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 20	M10	20 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 25	M10	25 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 30	M10	30 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 35	M10	35 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 40	M10	40 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 10 50	M10	50 mm	7 mm	4 mm	IH5	10 mm	100 PCS
0255 12 12	M12	12 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 16	M12	16 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 20	M12	20 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 25	M12	25 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 30	M12	30 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 40	M12	40 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS
0255 12 50	M12	50 mm	8.5 mm	4.5 mm	IH6	12 mm	100 PCS

Set screw with tip DIN 914 45H

DIN: 914
Material: Steel
Hardness category: 45H
Version: With tip
Surface: Bare
Thread type: Metric thread



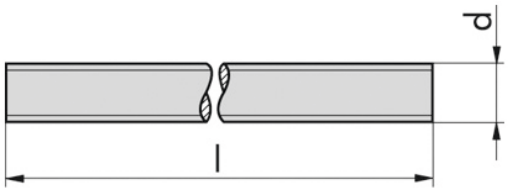


Art. No.	Thread type x nominal diameter (d)	Length (l)	Tip diameter (d1)	Drive depth (t)	Internal drive (s)	Nominal diameter	Packaging unit (VPE)
0256 4 5	M4	5 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 6	M4	6 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 8	M4	8 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 10	M4	10 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 12	M4	12 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 16	M4	16 mm		1.5 mm	IH2	4 mm	100 PCS
0256 4 20	M4	20 mm		1.5 mm	IH2	4 mm	100 PCS
0256 5 5	M5	5 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 6	M5	6 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 8	M5	8 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 10	M5	10 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 12	M5	12 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 16	M5	16 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 20	M5	20 mm		2 mm	IH2.5	5 mm	100 PCS
0256 5 30	M5	30 mm		2 mm	IH2.5	5 mm	100 PCS
0256 6 6	M6	6 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 8	M6	8 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 10	M6	10 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 12	M6	12 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 16	M6	16 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 20	M6	20 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 25	M6	25 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 30	M6	30 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 6 40	M6	40 mm	1.5 mm	2 mm	IH3	6 mm	100 PCS
0256 8 8	M8	8 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 10	M8	10 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 12	M8	12 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 16	M8	16 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 20	M8	20 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 25	M8	25 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 30	M8	30 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 8 40	M8	40 mm	2 mm	3 mm	IH4	8 mm	100 PCS
0256 10 10	M10	10 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 12	M10	12 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 16	M10	16 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 20	M10	20 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 25	M10	25 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 30	M10	30 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 10 40	M10	40 mm	2.5 mm	4 mm	IH5	10 mm	100 PCS
0256 12 12	M12	12 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS
0256 12 16	M12	16 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS
0256 12 20	M12	20 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS
0256 12 25	M12	25 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS
0256 12 30	M12	30 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS
0256 12 40	M12	40 mm	3 mm	4.5 mm	IH6	12 mm	100 PCS

Threaded rod, DIN 976-1 4.8

DIN: 976-1
Material: Steel
Property class: 4.8
Surface: Bare
Thread type: Metric thread



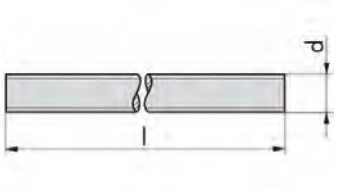


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Package size	Packaging unit (VPE)
0950 6	M6	1000 mm	6 mm	100	10 PCS
0950 8	M8	1000 mm	8 mm	50	10 PCS
0950 10	M10	1000 mm	10 mm	25	5 PCS
0950 12	M12	1000 mm	12 mm	20	5 PCS
0950 14	M14	1000 mm	14 mm	10	5 PCS
0950 16	M16	1000 mm	16 mm	10	5 PCS
0950 001 6	M16	3000 mm	16 mm		1 PCS
0950 18	M18	1000 mm	18 mm	10	5 PCS
0950 20	M20	1000 mm	20 mm	10	5 PCS
0950 24	M24	1000 mm	24 mm		5 PCS
0950 30	M30	1000 mm	30 mm		1 PCS
0950 36	M36	1000 mm	36 mm		1 PCS

Threaded rod, DIN 976-1 4.8, galvanised

DIN: 976-1
Material: Steel
Property class: 4.8
Surface: Galvanised
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Package size	Packaging unit (VPE)
0958 3	M3	1000 mm	3 mm	100	10 PCS
0958 4	M4	1000 mm	4 mm	100	10 PCS
0958 5	M5	1000 mm	5 mm	100	10 PCS
0958 6	M6	1000 mm	6 mm	100	10 PCS
0958 06	M6	2000 mm	6 mm		5 PCS
0958 8	M8	1000 mm	8 mm	50	10 PCS
0958 08	M8	2000 mm	8 mm		5 PCS
0958 008	M8	3000 mm	8 mm		5 PCS
0958 10	M10	1000 mm	10 mm	25	5 PCS
0958 010	M10	2000 mm	10 mm		5 PCS
0958 001 0	M10	3000 mm	10 mm		5 PCS
0958 12	M12	1000 mm	12 mm	25	5 PCS
0958 012	M12	2000 mm	12 mm		5 PCS
0958 001 2	M12	3000 mm	12 mm		5 PCS
0958 14	M14	1000 mm	14 mm	10	5 PCS
0958 16	M16	1000 mm	16 mm	10	5 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Package size	Packaging unit (VPE)
0958 016	M16	2000 mm	16 mm		5 PCS
0958 18	M18	1000 mm	18 mm	10	5 PCS
0958 20	M20	1000 mm	20 mm	10	5 PCS
0958 22	M22	1000 mm	22 mm		5 PCS
0958 24	M24	1000 mm	24 mm		5 PCS
0958 27	M27	1000 mm	27 mm		1 PCS
0958 30	M30	1000 mm	30 mm		1 PCS
0958 36	M36	1000 mm	36 mm		1 PCS

Threaded fittings DIN 976-1 4.8 galvanised

DIN: 976-1
Material: Steel
Property class: 4.8
Surface: Galvanised
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0958 908 020	M8	20 mm	8 mm	100 PCS
0958 908 030	M8	30 mm	8 mm	200 PCS
0958 908 040	M8	40 mm	8 mm	200 PCS
0958 908 050	M8	50 mm	8 mm	100 PCS
0958 908 060	M8	60 mm	8 mm	100 PCS
0958 908 070	M8	70 mm	8 mm	100 PCS
0958 908 080	M8	80 mm	8 mm	100 PCS
0958 908 090	M8	90 mm	8 mm	100 PCS
0958 908 100	M8	100 mm	8 mm	100 PCS
0958 908 110	M8	110 mm	8 mm	100 PCS
0958 908 120	M8	120 mm	8 mm	100 PCS
0958 908 140	M8	140 mm	8 mm	100 PCS
0958 908 160	M8	160 mm	8 mm	100 PCS
0958 908 180	M8	180 mm	8 mm	100 PCS
0958 908 200	M8	200 mm	8 mm	100 PCS
0958 910 030	M10	30 mm	10 mm	100 PCS
0958 910 040	M10	40 mm	10 mm	100 PCS
0958 910 050	M10	50 mm	10 mm	100 PCS
0958 910 060	M10	60 mm	10 mm	100 PCS
0958 910 070	M10	70 mm	10 mm	100 PCS
0958 910 080	M10	80 mm	10 mm	100 PCS
0958 910 100	M10	100 mm	10 mm	100 PCS
0958 910 120	M10	120 mm	10 mm	50 PCS
0958 910 140	M10	140 mm	10 mm	50 PCS
0958 910 160	M10	160 mm	10 mm	50 PCS
0958 910 200	M10	200 mm	10 mm	50 PCS

Threaded rod, DIN 976-1 8.8

Length (l): 1000 mm
DIN: 976-1
Material: Steel
Property class: 8.8
Surface: Bare
Thread type: Metric thread



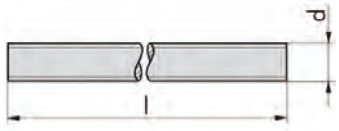


Art. No.	Thread type x nominal diameter (d)	Nominal diameter	Packaging unit (VPE)
0959 024	M24	24 mm	1 PCS
0959 030	M30	30 mm	1 PCS

Threaded rod, DIN 976-1 8.8, galvanised

Length (l): 1000 mm
DIN: 976-1
Material: Steel
Property class: 8.8
Surface: Galvanised
Thread type: Metric thread

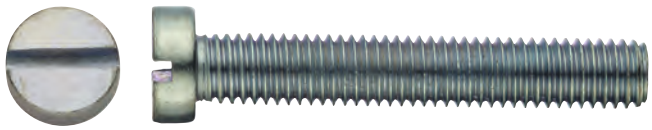


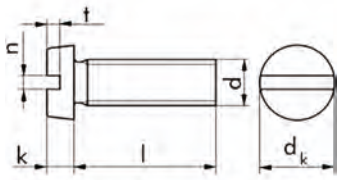


Art. No.	Thread type x nominal diameter (d)	Nominal diameter	Packaging unit (VPE)
0959 95	M5	5 mm	1 PCS
0959 96	M6	6 mm	1 PCS
0959 98	M8	8 mm	1 PCS
0959 910	M10	10 mm	1 PCS
0959 912	M12	12 mm	1 PCS
0959 914	M14	14 mm	1 PCS
0959 916	M16	16 mm	1 PCS
0959 920	M20	20 mm	1 PCS
0959 924	M24	24 mm	1 PCS
0959 927	M27	27 mm	1 PCS
0959 930	M30	30 mm	1 PCS

Cheese head screw, DIN 84 4.8, galvanised

DIN: 84
Material: Steel
Property class: 4.8
Surface: Galvanised
Form: Type A
Thread type: Metric thread



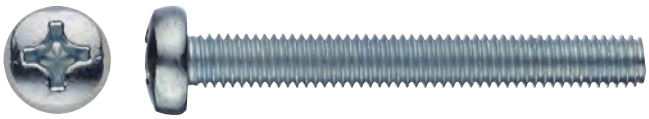


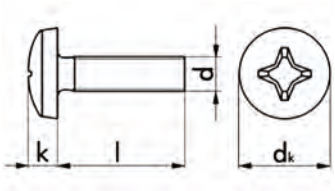
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Slot width (n)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0040 3 6	M3	6 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 10	M3	10 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 12	M3	12 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 16	M3	16 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 20	M3	20 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 25	M3	25 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 3 30	M3	30 mm	2.0 mm	5.5 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0040 4 6	M4	6 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 8	M4	8 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 10	M4	10 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 12	M4	12 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 16	M4	16 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 20	M4	20 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 25	M4	25 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 30	M4	30 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 35	M4	35 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0040 4 40	M4	40 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	200 PCS
0040 4 50	M4	50 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	200 PCS
0040 4 60	M4	60 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	100 PCS
0040 4 70	M4	70 mm	2.6 mm	7 mm	1.2 mm	1.1 mm	4 mm	100 PCS
0040 5 6	M5	6 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 8	M5	8 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 10	M5	10 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 12	M5	12 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 16	M5	16 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 20	M5	20 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 25	M5	25 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 30	M5	30 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 35	M5	35 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 40	M5	40 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 50	M5	50 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0040 5 60	M5	60 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	100 PCS
0040 5 70	M5	70 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	100 PCS
0040 5 80	M5	80 mm	3.3 mm	8.5 mm	1.2 mm	1.3 mm	5 mm	100 PCS
0040 6 10	M6	10 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 12	M6	12 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 16	M6	16 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 20	M6	20 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Slot width (n)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0040 6 25	M6	25 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 30	M6	30 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 40	M6	40 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 50	M6	50 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0040 6 60	M6	60 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	100 PCS
0040 6 70	M6	70 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	100 PCS
0040 6 80	M6	80 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	100 PCS
0040 6 100	M6	100 mm	3.9 mm	10 mm	1.6 mm	1.6 mm	6 mm	100 PCS

Pan head screw, DIN 7985 4.8, galvanised

DIN: 7985
Material: Steel
Property class: 4.8
Surface: Galvanised
Thread type: Metric thread



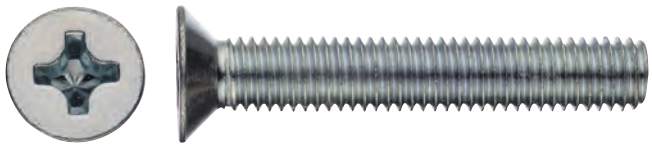


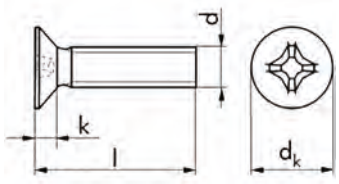
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0046 3 4	M3	4 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 5	M3	5 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 6	M3	6 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 8	M3	8 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 10	M3	10 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 12	M3	12 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 16	M3	16 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 3 20	M3	20 mm	2.4 mm	6 mm	H1	3 mm	500 PCS
0046 4 6	M4	6 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 8	M4	8 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 10	M4	10 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 12	M4	12 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 16	M4	16 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 20	M4	20 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 25	M4	25 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 30	M4	30 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 35	M4	35 mm	3.1 mm	8 mm	H2	4 mm	500 PCS
0046 4 40	M4	40 mm	3.1 mm	8 mm	H2	4 mm	200 PCS
0046 4 45	M4	45 mm	3.1 mm	8 mm	H2	4 mm	200 PCS
0046 5 8	M5	8 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 10	M5	10 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 12	M5	12 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 16	M5	16 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 20	M5	20 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 25	M5	25 mm	3.8 mm	10 mm	H2	5 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0046 5 30	M5	30 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 35	M5	35 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 40	M5	40 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 45	M5	45 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 50	M5	50 mm	3.8 mm	10 mm	H2	5 mm	200 PCS
0046 5 60	M5	60 mm	3.8 mm	10 mm	H2	5 mm	100 PCS
0046 6 8	M6	8 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 10	M6	10 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 12	M6	12 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 16	M6	16 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 20	M6	20 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 25	M6	25 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 30	M6	30 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 35	M6	35 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 40	M6	40 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 45	M6	45 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 50	M6	50 mm	4.6 mm	12 mm	H3	6 mm	200 PCS
0046 6 60	M6	60 mm	4.6 mm	12 mm	H3	6 mm	100 PCS
0046 6 70	M6	70 mm	4.6 mm	12 mm	H3	6 mm	100 PCS

Countersunk head screw, DIN 965 4.8, galvanised

DIN: 965
Material: Steel
Property class: 4.8
Surface: Galvanised
Form: Type A
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0048 3 6	M3	6 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 8	M3	8 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 10	M3	10 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 12	M3	12 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 16	M3	16 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 20	M3	20 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 3 25	M3	25 mm	1.65 mm	5.6 mm	H1	3 mm	500 PCS
0048 4 6	M4	6 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 8	M4	8 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 10	M4	10 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 12	M4	12 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 16	M4	16 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 20	M4	20 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 25	M4	25 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0048 4 30	M4	30 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 35	M4	35 mm	2.2 mm	7.5 mm	H2	4 mm	500 PCS
0048 4 40	M4	40 mm	2.2 mm	7.5 mm	H2	4 mm	200 PCS
0048 4 50	M4	50 mm	2.2 mm	7.5 mm	H2	4 mm	200 PCS
0048 4 60	M4	60 mm	2.2 mm	7.5 mm	H2	4 mm	100 PCS
0048 5 8	M5	8 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 10	M5	10 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 12	M5	12 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 16	M5	16 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 20	M5	20 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 25	M5	25 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 30	M5	30 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 35	M5	35 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 40	M5	40 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 45	M5	45 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 5 50	M5	50 mm	2.5 mm	9.2 mm	H2	5 mm	200 PCS
0048 6 10	M6	10 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 12	M6	12 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 16	M6	16 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 20	M6	20 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 25	M6	25 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 30	M6	30 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 35	M6	35 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 40	M6	40 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 45	M6	45 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 50	M6	50 mm	3.0 mm	11 mm	H3	6 mm	200 PCS
0048 6 60	M6	60 mm	3.0 mm	11 mm	H3	6 mm	100 PCS
0048 6 70	M6	70 mm	3.0 mm	11 mm	H3	6 mm	100 PCS
0048 6 80	M6	80 mm	3.0 mm	11 mm	H3	6 mm	100 PCS
0048 6 100	M6	100 mm	3.0 mm	11 mm	H3	6 mm	100 PCS
0048 8 20	M8	20 mm	4.0 mm	14.5 mm	H4	8 mm	200 PCS
0048 8 25	M8	25 mm	4.0 mm	14.5 mm	H4	8 mm	200 PCS
0048 8 30	M8	30 mm	4.0 mm	14.5 mm	H4	8 mm	200 PCS
0048 8 35	M8	35 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 40	M8	40 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 50	M8	50 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 60	M8	60 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 70	M8	70 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 80	M8	80 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS
0048 8 100	M8	100 mm	4.0 mm	14.5 mm	H4	8 mm	100 PCS

Round head screw with slot, galvanised

Advantages:

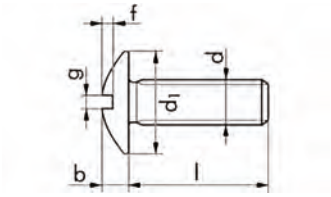
- Thanks to the flat head, full utilisation of the load surface is possible.
- No damage to transport goods due to protruding screw heads

Field of Application:

For fastening soft materials (wood, plastic etc.)
to metal frames etc., e.g. truck structures.

Material: Steel
Property class: 4.8
Surface: Galvanised
Thread type: Metric thread

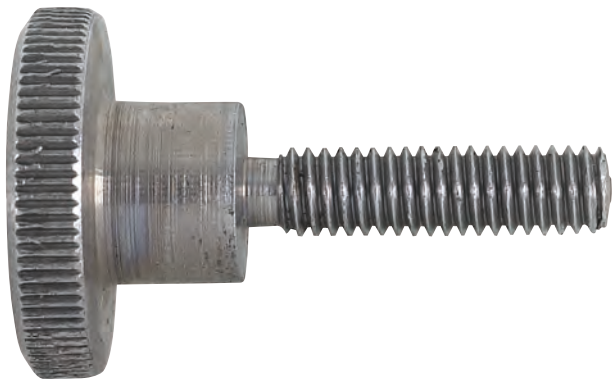


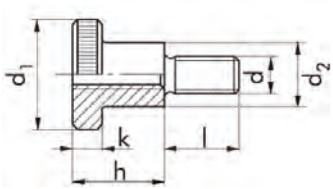


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (b)	Head diameter (d1)	Slot width (g)	Nominal diameter	Packaging unit (VPE)
0231 6 15	M6	15 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 6 20	M6	20 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 6 25	M6	25 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 6 30	M6	30 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 6 40	M6	40 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 6 50	M6	50 mm	3.3 mm	14 mm	1.6 mm	6 mm	200 PCS
0231 8 15	M8	15 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 20	M8	20 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 25	M8	25 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 30	M8	30 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 35	M8	35 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 40	M8	40 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 45	M8	45 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS
0231 8 50	M8	50 mm	4.4 mm	19 mm	2 mm	8 mm	200 PCS

Knurled thumb screw, DIN 464 5.8

DIN: 464
Material: Steel
Property class: 5.8
Surface: Bare
Form: High
Thread type: Metric thread





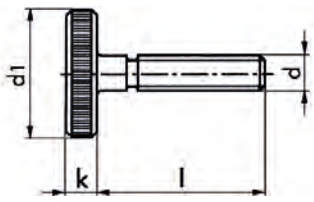
Art. No.	Thread type x nominal diameter (d)	Diameter (d2)	Depth (l)	Head diameter (d1)	Head height (k)	Height (h)	Nominal diameter	Packaging unit (VPE)
1296 4 10	M4	8 mm	10 mm	16 mm	3.5 mm	9.5 mm	4 mm	50 PCS
1296 4 12	M4	8 mm	12 mm	16 mm	3.5 mm	9.5 mm	4 mm	50 PCS

Art. No.	Thread type x nominal diameter (d)	Diameter (d2)	Depth (l)	Head diameter (d1)	Head height (k)	Height (h)	Nominal diameter	Packaging unit (VPE)
1296 4 16	M4	8 mm	16 mm	16 mm	3.5 mm	9.5 mm	4 mm	50 PCS
1296 4 20	M4	8 mm	20 mm	16 mm	3.5 mm	9.5 mm	4 mm	50 PCS
1296 5 10	M5	10 mm	10 mm	20 mm	4.0 mm	11.5 mm	5 mm	50 PCS
1296 5 12	M5	10 mm	12 mm	20 mm	4.0 mm	11.5 mm	5 mm	50 PCS
1296 5 16	M5	10 mm	16 mm	20 mm	4.0 mm	11.5 mm	5 mm	50 PCS
1296 5 20	M5	10 mm	20 mm	20 mm	4.0 mm	11.5 mm	5 mm	50 PCS
1296 5 25	M5	10 mm	25 mm	20 mm	4.0 mm	11.5 mm	5 mm	50 PCS
1296 6 10	M6	12 mm	10 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 6 12	M6	12 mm	12 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 6 16	M6	12 mm	16 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 6 20	M6	12 mm	20 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 6 25	M6	12 mm	25 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 6 30	M6	12 mm	30 mm	24 mm	5.0 mm	15 mm	6 mm	50 PCS
1296 8 16	M8	16 mm	16 mm	30 mm	6.0 mm	18 mm	8 mm	50 PCS
1296 8 20	M8	16 mm	20 mm	30 mm	6.0 mm	18 mm	8 mm	50 PCS
1296 8 25	M8	16 mm	25 mm	30 mm	6.0 mm	18 mm	8 mm	50 PCS
1296 8 30	M8	16 mm	30 mm	30 mm	6.0 mm	18 mm	8 mm	50 PCS
1296 8 40	M8	16 mm	40 mm	30 mm	6.0 mm	18 mm	8 mm	50 PCS

Knurled thumb screw, DIN 653 5.8

DIN: 653
Material: Steel
Property class: 5.8
Surface: Bare
Form: Low
Thread type: Metric thread





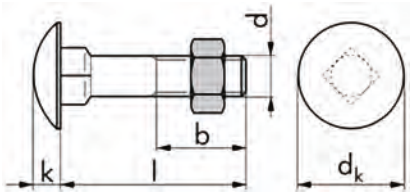
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Nominal diameter	Packaging unit (VPE)
1297 6 12	M6	12 mm	5.0 mm	24 mm	6 mm	50 PCS
1297 6 16	M6	16 mm	5.0 mm	24 mm	6 mm	50 PCS
1297 6 20	M6	20 mm	5.0 mm	24 mm	6 mm	50 PCS
1297 6 25	M6	25 mm	5.0 mm	24 mm	6 mm	50 PCS
1297 6 30	M6	30 mm	5.0 mm	24 mm	6 mm	50 PCS
1297 8 16	M8	16 mm	8.0 mm	30 mm	8 mm	50 PCS
1297 8 25	M8	25 mm	8.0 mm	30 mm	8 mm	50 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (d1)	Nominal diameter	Packaging unit (VPE)
1297 8 35	M8	35 mm	8.0 mm	30 mm	8 mm	50 PCS

Round head bolt with nut, DIN 603, galvanised

DIN: 603
Material: Steel
Property class: 4.6
Surface: Galvanised
Version: With square neck
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Nominal diameter	Packaging unit (VPE)
0223 5 16	M5	16 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 20	M5	20 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 25	M5	25 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 30	M5	30 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 35	M5	35 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 40	M5	40 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 45	M5	45 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 50	M5	50 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 55	M5	55 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 60	M5	60 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 70	M5	70 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 5 80	M5	80 mm	16 mm	3.3 mm	13.55 mm	5 mm	200 PCS
0223 6 16	M6	16 mm	16 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 20	M6	20 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 25	M6	25 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 30	M6	30 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 35	M6	35 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 40	M6	40 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 45	M6	45 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 50	M6	50 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 55	M6	55 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 60	M6	60 mm	18 mm	3.88 mm	16.55 mm	6 mm	200 PCS
0223 6 65	M6	65 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 70	M6	70 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 75	M6	75 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 80	M6	80 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 90	M6	90 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 100	M6	100 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 6 110	M6	110 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Nominal diameter	Packaging unit (VPE)
0223 6 120	M6	120 mm	18 mm	3.88 mm	16.55 mm	6 mm	100 PCS
0223 8 16	M8	16 mm	16 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 20	M8	20 mm	20 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 25	M8	25 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 30	M8	30 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 35	M8	35 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 40	M8	40 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 45	M8	45 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 50	M8	50 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 55	M8	55 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 60	M8	60 mm	22 mm	4.88 mm	20.65 mm	8 mm	200 PCS
0223 8 65	M8	65 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 70	M8	70 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 75	M8	75 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 80	M8	80 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 90	M8	90 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 100	M8	100 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 110	M8	110 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 120	M8	120 mm	22 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 130	M8	130 mm	28 mm	4.88 mm	20.65 mm	8 mm	100 PCS
0223 8 140	M8	140 mm	28 mm	4.88 mm	20.65 mm	8 mm	50 PCS
0223 8 150	M8	150 mm	28 mm	4.88 mm	20.65 mm	8 mm	50 PCS
0223 8 160	M8	160 mm	28 mm	4.88 mm	20.65 mm	8 mm	50 PCS
0223 8 180	M8	180 mm	28 mm	4.88 mm	20.65 mm	8 mm	50 PCS
0223 8 200	M8	200 mm	28 mm	4.88 mm	20.65 mm	8 mm	50 PCS
0223 10 20	M10	20 mm	20 mm	5.38 mm	24.65 mm	10 mm	200 PCS
0223 10 25	M10	25 mm	25 mm	5.38 mm	24.65 mm	10 mm	200 PCS
0223 10 30	M10	30 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 35	M10	35 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 40	M10	40 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 45	M10	45 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 50	M10	50 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 55	M10	55 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 60	M10	60 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 65	M10	65 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 70	M10	70 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 80	M10	80 mm	26 mm	5.38 mm	24.65 mm	10 mm	100 PCS
0223 10 90	M10	90 mm	26 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 100	M10	100 mm	26 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 110	M10	110 mm	26 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 120	M10	120 mm	26 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 130	M10	130 mm	32 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 140	M10	140 mm	32 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 150	M10	150 mm	32 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 160	M10	160 mm	32 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 170	M10	170 mm	32 mm	5.38 mm	24.65 mm	10 mm	50 PCS
0223 10 180	M10	180 mm	32 mm	5.38 mm	24.65 mm	10 mm	25 PCS
0223 10 190	M10	190 mm	32 mm	5.38 mm	24.65 mm	10 mm	25 PCS
0223 10 200	M10	200 mm	32 mm	5.38 mm	24.65 mm	10 mm	25 PCS
0223 10 220	M10	220 mm	45 mm	5.38 mm	24.65 mm	10 mm	20 PCS
0223 10 240	M10	240 mm	45 mm	5.38 mm	24.65 mm	10 mm	20 PCS
0223 10 260	M10	260 mm	45 mm	5.38 mm	24.65 mm	10 mm	20 PCS
0223 12 30	M12	30 mm	30 mm	6.95 mm	30.65 mm	12 mm	100 PCS
0223 12 35	M12	35 mm	30 mm	6.95 mm	30.65 mm	12 mm	100 PCS
0223 12 40	M12	40 mm	30 mm	6.95 mm	30.65 mm	12 mm	100 PCS
0223 12 45	M12	45 mm	30 mm	6.95 mm	30.65 mm	12 mm	100 PCS
0223 12 50	M12	50 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS

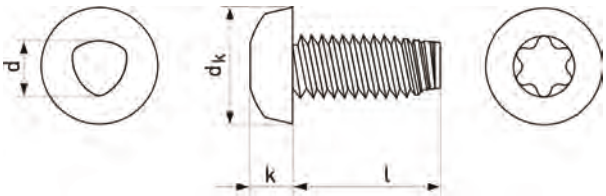
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Head diameter (dk)	Nominal diameter	Packaging unit (VPE)
0223 12 60	M12	60 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 70	M12	70 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 80	M12	80 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 90	M12	90 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 100	M12	100 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 110	M12	110 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 120	M12	120 mm	30 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 130	M12	130 mm	36 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 140	M12	140 mm	36 mm	6.95 mm	30.65 mm	12 mm	50 PCS
0223 12 150	M12	150 mm	36 mm	6.95 mm	30.65 mm	12 mm	25 PCS
0223 12 160	M12	160 mm	36 mm	6.95 mm	30.65 mm	12 mm	25 PCS
0223 12 180	M12	180 mm	36 mm	6.95 mm	30.65 mm	12 mm	25 PCS
0223 12 200	M12	200 mm	36 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 220	M12	220 mm	49 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 240	M12	240 mm	49 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 260	M12	260 mm	49 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 280	M12	280 mm	49 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 300	M12	300 mm	49 mm	6.95 mm	30.65 mm	12 mm	10 PCS
0223 12 320	M12	320 mm	49 mm	6.95 mm	30.65 mm	12 mm	1 PCS

Self-tapping pan head screw, DIN 7500-PE, galvanised

Product description:
Self-tapping screws create their own „female thread" during installation—when screwing into ready-made holes—without creating any chips. This creates an optimum screw connection in steel, die cast metal, aluminium, brass and copper with minimal installation costs.

Advantages:
- No thread cutting
- No chips
- Low insertion torque
- Groove with standard metric thread





Head type: Pan head
Drive type: Internal TX
DIN: 7500
Material: Steel
Surface: Galvanised
Thread type: Metric thread

Art. No.	Thread type x nominal diameter (d)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0209 503 006	M3	2.4 mm	5.6 mm	TX10	3	500 PCS
0209 503 008	M3	2.4 mm	5.6 mm	TX10	3	500 PCS
0209 503 010	M3	2.4 mm	5.6 mm	TX10	3	500 PCS
0209 503 012	M3	2.4 mm	5.6 mm	TX10	3	500 PCS
0209 503 016	M3	2.4 mm	5.6 mm	TX10	3	500 PCS
0209 504 006	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 504 008	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 504 010	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 504 012	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 504 016	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 504 020	M4	3.1 mm	8.0 mm	TX20	4	500 PCS
0209 505 008	M5	3.7 mm	9.5 mm	TX25	5	500 PCS

Art. No.	Thread type x nominal diameter (d)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0209 505 010	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 505 012	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 505 016	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 505 020	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 505 025	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 505 030	M5	3.7 mm	9.5 mm	TX25	5	500 PCS
0209 506 010	M6	4.6 mm	12.0 mm	TX30	6	500 PCS
0209 506 012	M6	4.6 mm	12.0 mm	TX30	6	500 PCS
0209 506 016	M6	4.6 mm	12.0 mm	TX30	6	500 PCS
0209 506 020	M6	4.6 mm	12.0 mm	TX30	6	500 PCS
0209 506 025	M6	4.6 mm	12.0 mm	TX30	6	250 PCS
0209 506 030	M6	4.6 mm	12.0 mm	TX30	6	250 PCS







Self-tapping countersunk head screw, DIN 7500-ME, galvanised

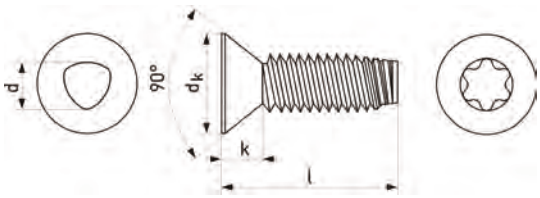
Product description:
Self-tapping screws create their own „female thread" during installation—when screwing into ready-made holes—without creating any chips. This creates an optimum screw connection in steel, die cast metal, aluminium, brass and copper with minimal installation costs.

Advantages:
- No thread cutting
- No chips
- Low insertion torque
- Groove with standard metric thread

Head type: Countersunk head
Drive type: Internal TX
DIN: 7500
Material: Steel
Surface: Galvanised
Thread type: Metric thread







Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0209 603 006	M3	6.0 mm	1.65 mm	5.5 mm	TX10	3	500 PCS
0209 603 008	M3	8.0 mm	1.65 mm	5.5 mm	TX10	3	500 PCS
0209 603 010	M3	10.0 mm	1.65 mm	5.5 mm	TX10	3	500 PCS
0209 603 012	M3	12.0 mm	1.65 mm	5.5 mm	TX10	3	500 PCS
0209 604 008	M4	8.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS
0209 604 010	M4	10.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS
0209 604 012	M4	12.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS
0209 604 016	M4	16.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS
0209 604 020	M4	20.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS
0209 604 025	M4	25.0 mm	2.7 mm	8.4 mm	TX20	4	500 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Nominal diameter	Packaging unit (VPE)
0209 605 010	M5	10.0 mm	2.7 mm	9.3 mm	TX25	5	500 PCS
0209 605 012	M5	12.0 mm	2.7 mm	9.3 mm	TX25	5	500 PCS
0209 605 016	M5	16.0 mm	2.7 mm	9.3 mm	TX25	5	500 PCS
0209 605 020	M5	20.0 mm	2.7 mm	9.3 mm	TX25	5	500 PCS
0209 605 025	M5	25.0 mm	2.7 mm	9.3 mm	TX25	5	500 PCS
0209 606 012	M6	12.0 mm	3.3 mm	11.3 mm	TX30	6	500 PCS
0209 606 016	M6	16.0 mm	3.3 mm	11.3 mm	TX30	6	500 PCS
0209 606 020	M6	20.0 mm	3.3 mm	11.3 mm	TX30	6	500 PCS
0209 606 025	M6	25.0 mm	3.3 mm	11.3 mm	TX30	6	250 PCS
0209 606 030	M6	30.0 mm	3.3 mm	11.3 mm	TX30	6	250 PCS
0209 606 040	M6	40.0 mm	3.3 mm	11.3 mm	TX30	6	250 PCS
0209 608 025	M8	25.0 mm	4.65 mm	15.8 mm	TX40	8	250 PCS







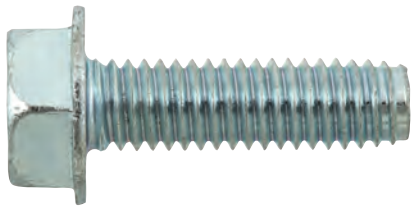
Self-tapping screw, hexagonal sim. DIN 7500-DE galvanised

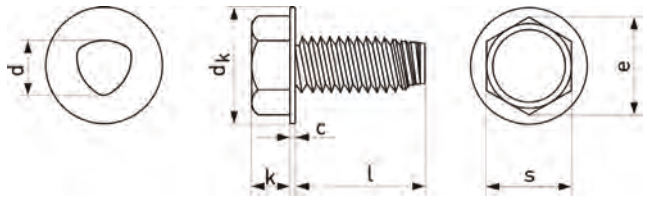
Product description:
Self-tapping screws create their own „female thread" during installation—when screwing into ready-made holes—without creating any chips. This creates an optimum screw connection in steel, die cast metal, aluminium, brass and copper with minimal installation costs.

Advantages:
- No thread cutting
- No chips
- Low insertion torque
- Groove with standard metric thread

Head type: Hexagon head
Drive type: Outer hexagon
DIN: 7500
Material: Steel
Surface: Galvanised
Thread type: Metric thread

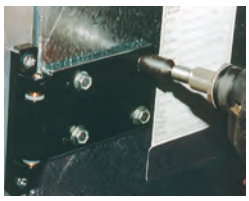






Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Flange thickness (c)	External drive	Width across corners (e)	Nominal diameter	Packaging unit (VPE)
0209 705 012	M5	12.0 mm	3.65 mm	10.4 mm	0.83 mm	WS8	8.79 mm	5	500 PCS
0209 705 016	M5	16.0 mm	3.65 mm	10.4 mm	0.83 mm	WS8	8.79 mm	5	500 PCS
0209 705 020	M5	20.0 mm	3.65 mm	10.4 mm	0.83 mm	WS8	8.79 mm	5	500 PCS
0209 705 025	M5	25.0 mm	3.65 mm	10.4 mm	0.83 mm	WS8	8.79 mm	5	500 PCS
0209 706 016	M6	16.0 mm	4.15 mm	13.0 mm	1.04 mm	WS10	11.05 mm	6	500 PCS
0209 706 020	M6	20.0 mm	4.15 mm	13.0 mm	1.04 mm	WS10	11.05 mm	6	500 PCS
0209 706 025	M6	25.0 mm	4.15 mm	13.0 mm	1.04 mm	WS10	11.05 mm	6	250 PCS
0209 708 016	M8	16.0 mm	5.45 mm	16.9 mm	1.35 mm	WS13	14.38 mm	8	250 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Flange thickness (c)	External drive	Width across corners (e)	Nominal diameter	Packaging unit (VPE)
0209 708 020	M8	20.0 mm	5.45 mm	16.9 mm	1.35 mm	WS13	14.38 mm	8	250 PCS
0209 708 025	M8	25.0 mm	5.45 mm	16.9 mm	1.35 mm	WS13	14.38 mm	8	250 PCS

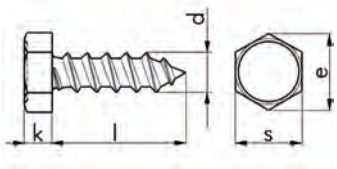




Hexagon head tapping screw, DIN 7976, galvanised, type C

DIN: 7976
Material: Steel
Surface: Galvanised



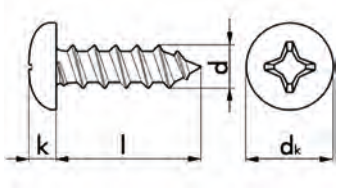


Art. No.	Diameter (d)	Length (l)	Head height (k)	Width across flats (s)	Width across corners (e)	Packaging unit (VPE)
0114 63 16	6.3 mm	16 mm	4.8 mm	10 mm	10.95 mm	100 PCS
0114 63 19	6.3 mm	19 mm	4.8 mm	10 mm	10.95 mm	100 PCS
0114 63 25	6.3 mm	25 mm	4.8 mm	10 mm	10.95 mm	100 PCS
0114 63 32	6.3 mm	32 mm	4.8 mm	10 mm	10.95 mm	100 PCS
0114 8 16	8 mm	16 mm	5.8 mm	13 mm	14.26 mm	100 PCS
0114 8 19	8 mm	19 mm	5.8 mm	13 mm	14.26 mm	100 PCS
0114 8 25	8 mm	25 mm	5.8 mm	13 mm	14.26 mm	100 PCS

Pan head tapping screw, DIN 7981, galvanised, type C

DIN: 7981
Material: Steel
Surface: Galvanised





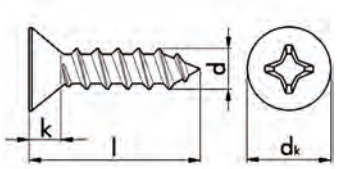
Art. No.	Diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0115 22 65	2.2 mm	6.5 mm	1.8 mm	4.2 mm	H1	1000 PCS
0115 29 65	2.9 mm	6.5 mm	2.2 mm	5.6 mm	H1	1000 PCS
0115 29 95	2.9 mm	9.5 mm	2.2 mm	5.6 mm	H1	1000 PCS
0115 29 13	2.9 mm	13 mm	2.2 mm	5.6 mm	H1	1000 PCS
0115 35 65	3.5 mm	6.5 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 95	3.5 mm	9.5 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 13	3.5 mm	13 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 16	3.5 mm	16 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 19	3.5 mm	19 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 22	3.5 mm	22 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 35 25	3.5 mm	25 mm	2.6 mm	6.9 mm	H2	500 PCS
0115 39 95	3.9 mm	9.5 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 13	3.9 mm	13 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 16	3.9 mm	16 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 19	3.9 mm	19 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 25	3.9 mm	25 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 32	3.9 mm	32 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 39 38	3.9 mm	38 mm	2.8 mm	7.5 mm	H2	500 PCS
0115 42 95	4.2 mm	9.5 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 13	4.2 mm	13 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 16	4.2 mm	16 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 19	4.2 mm	19 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 22	4.2 mm	22 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 25	4.2 mm	25 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 32	4.2 mm	32 mm	3.05 mm	8.2 mm	H2	500 PCS
0115 42 38	4.2 mm	38 mm	3.05 mm	8.2 mm	H2	200 PCS
0115 48 95	4.8 mm	9.5 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 13	4.8 mm	13 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 16	4.8 mm	16 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 19	4.8 mm	19 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 22	4.8 mm	22 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 25	4.8 mm	25 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 32	4.8 mm	32 mm	3.55 mm	9.5 mm	H2	500 PCS
0115 48 38	4.8 mm	38 mm	3.55 mm	9.5 mm	H2	200 PCS
0115 48 45	4.8 mm	45 mm	3.55 mm	9.5 mm	H2	200 PCS
0115 48 50	4.8 mm	50 mm	3.55 mm	9.5 mm	H2	200 PCS
0115 48 60	4.8 mm	60 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 48 70	4.8 mm	70 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 48 80	4.8 mm	80 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 48 90	4.8 mm	90 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 48 100	4.8 mm	100 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 48 120	4.8 mm	120 mm	3.55 mm	9.5 mm	H2	100 PCS
0115 55 13	5.5 mm	13 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 16	5.5 mm	16 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 19	5.5 mm	19 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 22	5.5 mm	22 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 25	5.5 mm	25 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 32	5.5 mm	32 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 38	5.5 mm	38 mm	3.95 mm	10.8 mm	H3	200 PCS
0115 55 50	5.5 mm	50 mm	3.95 mm	10.8 mm	H3	100 PCS

Art. No.	Diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0115 55 60	5.5 mm	60 mm	3.95 mm	10.8 mm	H3	100 PCS
0115 55 70	5.5 mm	70 mm	3.95 mm	10.8 mm	H3	100 PCS
0115 63 16	6.3 mm	16 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 19	6.3 mm	19 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 25	6.3 mm	25 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 32	6.3 mm	32 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 38	6.3 mm	38 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 50	6.3 mm	50 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 60	6.3 mm	60 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 70	6.3 mm	70 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 80	6.3 mm	80 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 90	6.3 mm	90 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 100	6.3 mm	100 mm	4.55 mm	12.5 mm	H3	100 PCS
0115 63 120	6.3 mm	120 mm	4.55 mm	12.5 mm	H3	100 PCS

Countersunk head tapping screw, DIN 7982, galvanised, type C

DIN: 7982
Material: Steel
Surface: Galvanised



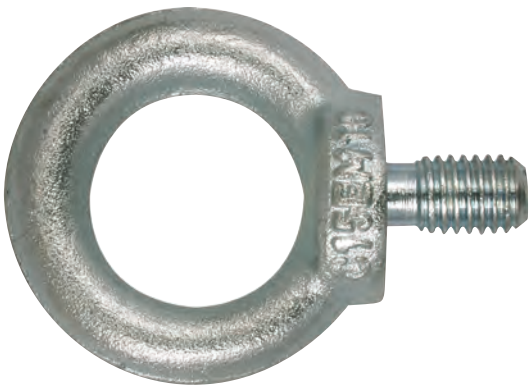


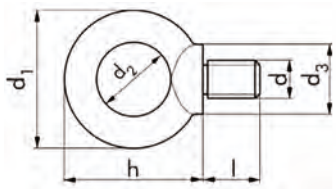
Art. No.	Diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0116 29 13	2.9 mm	13 mm	1.7 mm	5.5 mm	H1	1000 PCS
0116 35 13	3.5 mm	13 mm	2.1 mm	6.8 mm	H2	500 PCS
0116 35 16	3.5 mm	16 mm	2.1 mm	6.8 mm	H2	500 PCS
0116 35 19	3.5 mm	19 mm	2.1 mm	6.8 mm	H2	500 PCS
0116 35 22	3.5 mm	22 mm	2.1 mm	6.8 mm	H2	500 PCS
0116 35 25	3.5 mm	25 mm	2.1 mm	6.8 mm	H2	500 PCS
0116 39 95	3.9 mm	9.5 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 13	3.9 mm	13 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 16	3.9 mm	16 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 19	3.9 mm	19 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 22	3.9 mm	22 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 25	3.9 mm	25 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 32	3.9 mm	32 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 39 38	3.9 mm	38 mm	2.3 mm	7.5 mm	H2	500 PCS
0116 42 95	4.2 mm	9.5 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 13	4.2 mm	13 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 16	4.2 mm	16 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 19	4.2 mm	19 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 22	4.2 mm	22 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 25	4.2 mm	25 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 32	4.2 mm	32 mm	2.5 mm	8.1 mm	H2	500 PCS
0116 42 38	4.2 mm	38 mm	2.5 mm	8.1 mm	H2	200 PCS
0116 48 16	4.8 mm	16 mm	3.0 mm	9.5 mm	H2	500 PCS

Art. No.	Diameter (d)	Length (l)	Head height (k)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0116 48 19	4.8 mm	19 mm	3.0 mm	9.5 mm	H2	500 PCS
0116 48 22	4.8 mm	22 mm	3.0 mm	9.5 mm	H2	500 PCS
0116 48 25	4.8 mm	25 mm	3.0 mm	9.5 mm	H2	500 PCS
0116 48 32	4.8 mm	32 mm	3.0 mm	9.5 mm	H2	500 PCS
0116 48 38	4.8 mm	38 mm	3.0 mm	9.5 mm	H2	200 PCS
0116 48 45	4.8 mm	45 mm	3.0 mm	9.5 mm	H2	200 PCS
0116 48 50	4.8 mm	50 mm	3.0 mm	9.5 mm	H2	200 PCS
0116 48 60	4.8 mm	60 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 48 70	4.8 mm	70 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 48 80	4.8 mm	80 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 48 90	4.8 mm	90 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 48 100	4.8 mm	100 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 48 120	4.8 mm	120 mm	3.0 mm	9.5 mm	H2	100 PCS
0116 55 32	5.5 mm	32 mm	3.4 mm	10.8 mm	H3	200 PCS
0116 55 38	5.5 mm	38 mm	3.4 mm	10.8 mm	H3	200 PCS
0116 55 45	5.5 mm	45 mm	3.4 mm	10.8 mm	H3	200 PCS
0116 63 32	6.3 mm	32 mm	3.8 mm	12.4 mm	H3	100 PCS
0116 63 38	6.3 mm	38 mm	3.8 mm	12.4 mm	H3	100 PCS
0116 63 50	6.3 mm	50 mm	3.8 mm	12.4 mm	H3	100 PCS
0116 63 60	6.3 mm	60 mm	3.8 mm	12.4 mm	H3	100 PCS
0116 63 70	6.3 mm	70 mm	3.8 mm	12.4 mm	H3	100 PCS
0116 63 80	6.3 mm	80 mm	3.8 mm	12.4 mm	H3	100 PCS

Ring bolt, DIN 580-C15E, galvanised

DIN: 580
Material: Case hardening steel, 1.1141 C15E
Surface: Galvanised
Thread type: Metric thread





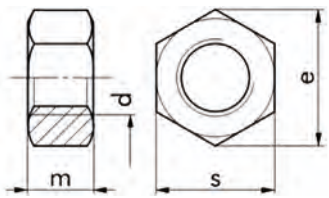
Art. No.	Thread type x nominal diameter (d)	Thread length (metric thread) (l)	Height (h)	Diameter (d3)	External diameter of ring (d1)	Internal diameter of ring (d2)	Nominal diameter	Packaging unit (VPE)
0295 04 008	M8	13 mm	36 mm	20 mm	36 mm	20 mm	8 mm	25 PCS
0295 04 010	M10	17 mm	45 mm	25 mm	45 mm	25 mm	10 mm	20 PCS
0295 04 012	M12	20.5 mm	53 mm	30 mm	54 mm	30 mm	12 mm	20 PCS
0295 04 016	M16	27 mm	62 mm	35 mm	63 mm	35 mm	16 mm	10 PCS

Art. No.	Thread type x nominal diameter (d)	Thread length (metric thread) (l)	Height (h)	Diameter (d3)	External diameter of ring (d1)	Internal diameter of ring (d2)	Nominal diameter	Packaging unit (VPE)
0295 04 020	M20	30 mm	71 mm	40 mm	72 mm	40 mm	20 mm	5 PCS
0295 04 024	M24	36 mm	90 mm	50 mm	90 mm	50 mm	24 mm	5 PCS

Hexagonal nut DIN 934, strength class 10, plain

DIN: 934
Material: Steel
Surface: Bare
Thread type: Metric thread



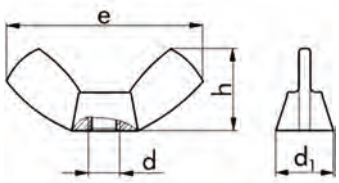


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across flats (s)	Width across corners (e)	Nominal diameter	Packaging unit (VPE)
0320 6	M6	5 mm	10 mm	11.05 mm	6 mm	100 PCS
0320 8	M8	6.5 mm	13 mm	14.38 mm	8 mm	100 PCS
0320 10	M10	8 mm	17 mm	18.9 mm	10 mm	100 PCS
0320 12	M12	10 mm	19 mm	21.1 mm	12 mm	100 PCS
0320 14	M14	11 mm	22 mm	25.2 mm	14 mm	100 PCS
0320 16	M16	13 mm	24 mm	26.75 mm	16 mm	100 PCS
0320 20	M20	16 mm	30 mm	32.95 mm	20 mm	25 PCS
0320 24	M24	19 mm	36 mm	39.55 mm	24 mm	25 PCS

Wing nut, American type, sim. to DIN 315, galvanised

DIN: Similar to 315
Material: Steel
Surface: Galvanised
Form: Pressed, American type
Thread type: Metric thread



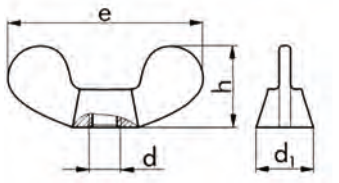


Art. No.	Thread type x nominal diameter (d)	Outer diameter (d1)	Height (h)	Width across corners (e)	Nominal diameter	Packaging unit (VPE)
0342 4	M4	10 mm	10 mm	21 mm	4 mm	100 PCS
0342 5	M5	10 mm	10 mm	22 mm	5 mm	100 PCS
0342 6	M6	12 mm	13 mm	26 mm	6 mm	100 PCS
0342 8	M8	14 mm	15 mm	29 mm	8 mm	100 PCS
0342 10	M10	15 mm	17 mm	36 mm	10 mm	100 PCS
0342 12	M12	20 mm	22 mm	48 mm	12 mm	100 PCS

Wing nut, DIN 315, malleable iron, galvanised

DIN: 315
Material: Malleable cast iron
Surface: Galvanised
Thread type: Metric thread



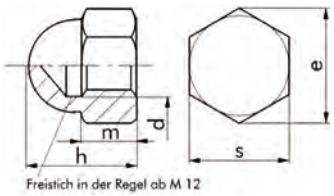


Art. No.	Thread type x nominal diameter (d)	Outer diameter (d1)	Height (h)	Width across corners (e)	Nominal diameter	Packaging unit (VPE)
0342 04	M4	6 mm	8.5 mm	18 mm	4 mm	100 PCS
0342 05	M5	8 mm	11 mm	24 mm	5 mm	100 PCS
0342 06	M6	10 mm	15 mm	30 mm	6 mm	100 PCS
0342 08	M8	13 mm	18 mm	36 mm	8 mm	100 PCS
0342 010	M10	17 mm	23 mm	48 mm	10 mm	100 PCS
0342 012	M12	20 mm	31 mm	62 mm	12 mm	100 PCS
0342 016	M16	26 mm	35 mm	70 mm	16 mm	25 PCS

Cap nut, DIN 1587, strength class 6 galv

DIN: 1587
Material: Steel
Surface: Galvanised
Property class: 6
Form: High
Thread type: Metric thread
Product class: A

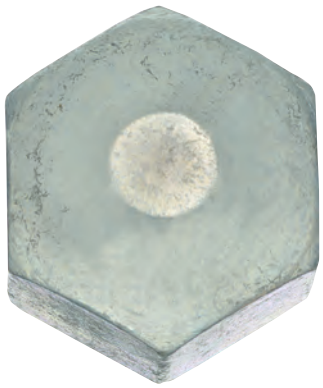


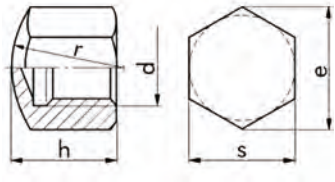


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0356 3	M3	7 mm	2.4 mm		5.5 mm	3 mm	200 PCS
0356 4	M4	8 mm	3.2 mm	7.66 mm	7 mm	4 mm	200 PCS
0356 5	M5	10 mm	4 mm	8.78 mm	8 mm	5 mm	200 PCS
0356 6	M6	12 mm	5 mm	11.05 mm	10 mm	6 mm	200 PCS
0356 8	M8	15 mm	6.5 mm	14.38 mm	13 mm	8 mm	200 PCS
0356 10	M10	18 mm	8 mm	17.77 mm	17 mm	10 mm	50 PCS
0356 12	M12	22 mm	10 mm	20.03 mm	19 mm	12 mm	50 PCS
0356 14	M14	25 mm	11 mm	23.35 mm	22 mm	14 mm	50 PCS
0356 16	M16	28 mm	13 mm	26.75 mm	24 mm	16 mm	25 PCS
0356 20	M20	34 mm	16 mm	33.53 mm	30 mm	20 mm	10 PCS

Cap nut, DIN 917, strength class 6 galv

DIN: 917
Material: Steel
Surface: Galvanised
Property class: 6
Form: Low
Thread type: Metric thread
Product class: A



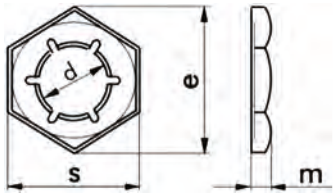


Art. No.	Thread type x nominal diameter (d)	Height (h)	Radius (r)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0357 4	M4	5.5 mm	8 mm	7.66 mm	7 mm	4 mm	200 PCS
0357 5	M5	7 mm	10 mm	8.79 mm	8 mm	5 mm	200 PCS
0357 6	M6	9 mm	12 mm	11.05 mm	10 mm	6 mm	200 PCS
0357 8	M8	12 mm	15 mm	14.38 mm	13 mm	8 mm	200 PCS
0357 10	M10	14 mm	20 mm	17.77 mm	17 mm	10 mm	50 PCS
0357 12	M12	16 mm	25 mm	20.03 mm	19 mm	12 mm	50 PCS

Locking nut, DIN 7967 galvanised

DIN: 7967
Material: Steel
Surface: Galvanised
Thread type: Metric thread



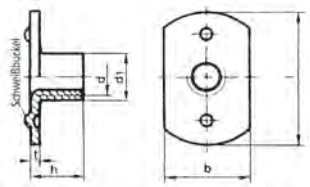


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0378 10	M10	4 mm	18.9 mm	17 mm	10 mm	100 PCS
0378 12	M12	4.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0378 16	M16	5 mm	26.75 mm	24 mm	16 mm	100 PCS
0378 20	M20	6 mm	34.6 mm	30 mm	20 mm	50 PCS
0378 24	M24	7 mm	39.55 mm	36 mm	24 mm	50 PCS
0378 27	M27	7 mm	45.02 mm	41 mm	27 mm	50 PCS
0378 30	M30	8 mm	50.85 mm	46 mm	30 mm	50 PCS

Weld nut, bare

Material: Steel
Surface: Bare
Thread type: Metric thread



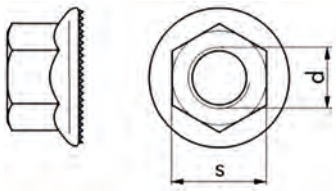


Art. No.	Thread type x nominal diameter (d)	Length (l)	Width (b)	Height (h)	Material thickness (t)	Nominal diameter	Packaging unit (VPE)
0385 6	M6	22 mm	13.5 mm	8.5 mm	1.5 mm	6 mm	100 PCS
0385 8	M8	26 mm	18 mm	10 mm	2 mm	8 mm	100 PCS
0385 10	M10	26 mm	18 mm	12 mm	2 mm	10 mm	100 PCS

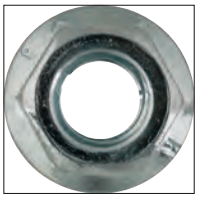
Hexagonal nut with locking teeth, similar to DIN 6923, strength class 8 galv

DIN: Similar to 6923
Material: Steel
Surface: Galvanised
Property class: 8
Thread type: Metric thread





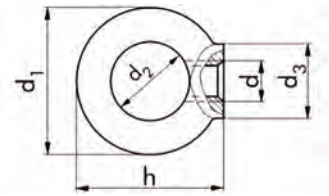
Art. No.	Thread type x nominal diameter (d)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0394 05	M5	8 mm	5 mm	200 PCS
0394 06	M6	10 mm	6 mm	200 PCS
0394 08	M8	13 mm	8 mm	200 PCS
0394 010	M10	15 mm	10 mm	200 PCS



Ring nut, DIN 582-C15E, galvanised

DIN: 582
Material: Case hardening steel, 1.1141 C15E
Surface: Galvanised
Thread type: Metric thread



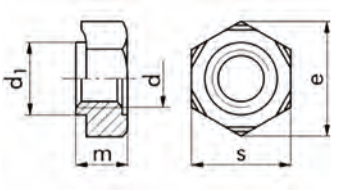


Art. No.	Thread type x nominal diameter	Nominal diameter	Packaging unit (VPE)
0395 04 008	M8	8 mm	25 PCS
0395 04 010	M10	10 mm	20 PCS
0395 04 012	M12	12 mm	20 PCS
0395 04 016	M16	16 mm	10 PCS
0395 04 020	M20	20 mm	5 PCS
0395 04 024	M24	24 mm	5 PCS

Weld nut, DIN 929, bare

DIN: 929
Material: Steel
Surface: Bare
Thread type: Metric thread



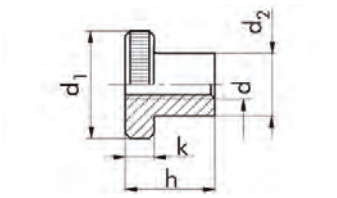


Art. No.	Thread type x nominal diameter (d)	Connection diameter (d1)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0399 5	M5	7 mm	4 mm	11.05 mm	10 mm	5 mm	500 PCS
0399 6	M6	8 mm	5 mm	12.12 mm	11 mm	6 mm	500 PCS
0399 8	M8	10.5 mm	6.5 mm	15.38 mm	14 mm	8 mm	500 PCS
0399 10	M10	12.5 mm	8 mm	18.9 mm	17 mm	10 mm	500 PCS

Knurled nut, DIN 466, strength class 5, plain

DIN: 466
Material: Steel
Surface: Bare
Form: High
Thread type: Metric thread



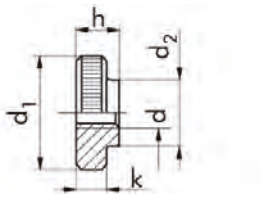


Art. No.	Thread type x nominal diameter (d)	Head diameter (d1)	Outer diameter (d2)	Height (h)	Head height (k)	Nominal diameter	Packaging unit (VPE)
1396 3	M3	12 mm	6 mm	7.5 mm	2.5 mm	3 mm	50 PCS
1396 4	M4	16 mm	8 mm	9.5 mm	3.5 mm	4 mm	50 PCS
1396 5	M5	20 mm	10 mm	11.5 mm	4.0 mm	5 mm	50 PCS
1396 6	M6	25 mm	12 mm	15 mm	5.0 mm	6 mm	50 PCS
1396 8	M8	30 mm	16 mm	18 mm	6.0 mm	8 mm	50 PCS
1396 10	M10	36 mm	20 mm	23 mm	8.0 mm	10 mm	50 PCS

Knurled nut, DIN 467, strength class 5, plain

DIN: 467
Material: Steel
Surface: Bare
Form: Low
Thread type: Metric thread



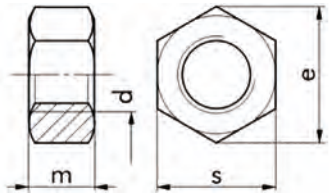


Art. No.	Thread type x nominal diameter (d)	Height (h)	Head height (k)	Head diameter (d1)	Outer diameter (d2)	Nominal diameter	Packaging unit (VPE)
1397 5	M5	5 mm	4.0 mm	20 mm	10 mm	5 mm	50 PCS
1397 6	M6	6 mm	5.0 mm	24 mm	12 mm	6 mm	50 PCS
1397 8	M8	8 mm	6.0 mm	30 mm	16 mm	8 mm	50 PCS
1397 10	M10	10 mm	8.0 mm	36 mm	20 mm	10 mm	50 PCS

Hexagonal nut DIN 934, strength class 8

DIN: 934
Material: Steel
Surface: Bare
Version: Metric nominal thread
Thread type: Metric thread



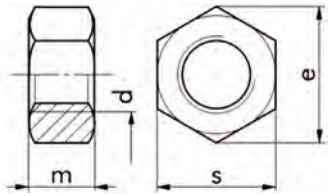


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Property class	Nominal diameter	Packaging unit (VPE)
0310 3	M3	2.4 mm	6.01 mm	5.5 mm	I6I	3 mm	1000 PCS
0310 4	M4	3.2 mm	7.66 mm	7 mm	I6I	4 mm	1000 PCS
0310 5	M5	4 mm	8.79 mm	8 mm	I6I	5 mm	1000 PCS
0310 6	M6	5 mm	11.05 mm	10 mm	I8I	6 mm	1000 PCS
0310 8	M8	6.5 mm	14.38 mm	13 mm	I8I	8 mm	1000 PCS
0310 10	M10	8 mm	18.9 mm	17 mm	I8I	10 mm	500 PCS
0310 12	M12	10 mm	21.1 mm	19 mm	I8I	12 mm	500 PCS
0310 14	M14	11 mm	25.2 mm	22 mm	I8I	14 mm	250 PCS
0310 16	M16	13 mm	26.75 mm	24 mm	I8I	16 mm	100 PCS
0310 18	M18	15 mm	29.56 mm	27 mm	I8I	18 mm	100 PCS
0310 20	M20	16 mm	32.95 mm	30 mm	I8I	20 mm	100 PCS
0310 22	M22	18 mm	36.6 mm	32 mm	I8I	22 mm	50 PCS
0310 24	M24	19 mm	39.55 mm	36 mm	I8I	24 mm	50 PCS
0310 27	M27	22 mm	45.02 mm	41 mm	I8I	27 mm	10 PCS
0310 30	M30	24 mm	50.85 mm	46 mm	I8I	30 mm	10 PCS
0310 36	M36	29 mm	60.79 mm	55 mm	I8I	36 mm	5 PCS
0310 42	M42	34 mm	71.3 mm	65 mm	I8I	42 mm	5 PCS

Hexagonal nut DIN 934, strength class 8 fine thread, bare

Pitch: 1.5 mm
DIN: 934
Material: Steel
Surface: Bare
Property class: I8I
Version: Metric fine thread
Thread type: Metric thread

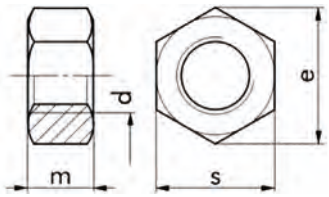




Art. No.	Thread type x nominal diameter x pitch (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0310 20 15	M20 x 1.5	16 mm	32.95 mm	30 mm	20 mm	25 PCS
0310 24 15	M24 x 1.5	19 mm	39.55 mm	36 mm	24 mm	25 PCS
0310 30 15	M30 x 1.5	24 mm	50.85 mm	46 mm	30 mm	5 PCS

Hexagonal nut DIN 934, strength class 8 yellow galvanised

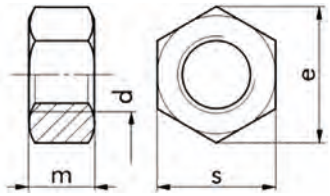




Hexagonal nut DIN 934, strength class 8 yellow galvanised, fine thread

Thread type x nominal diameter x pitch (d): M7 x 1.5
Height (m): 5.5 mm
Pitch: 1.5 mm
Width across corners (e): 12.12 mm
Width across flats (s): 11 mm
DIN: 934
Surface: Yellow galvanised
Property class: 8
Version: Metric fine thread
Thread type: Metric thread
Nominal diameter: 7 mm



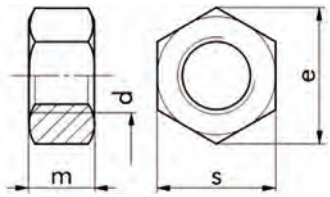


Art. No.	Packaging unit (VPE)
0317 07 150	200 PCS

Hexagonal nut DIN 934, strength class 8 galv

DIN: 934
Material: Steel
Surface: Galvanised
Version: Metric nominal thread
Thread type: Metric thread





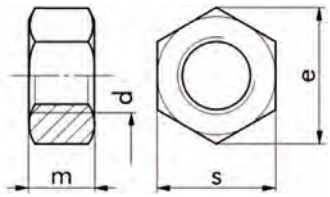
Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Property class	Packaging unit (VPE)
0317 2	M2	1.6 mm	4.32 mm	4 mm	2 mm	I6I	1000 PCS
0317 25	M2.5	2 mm	5.7 mm	5 mm	2.5 mm	I6I	1000 PCS
0317 3	M3	2.4 mm	6.01 mm	5.5 mm	3 mm	I6I	1000 PCS
0317 4	M4	3.2 mm	7.66 mm	7 mm	4 mm	I6I	1000 PCS
0317 5	M5	4 mm	8.79 mm	8 mm	5 mm	I6I	1000 PCS
0317 6	M6	5 mm	11.05 mm	10 mm	6 mm	I8I	1000 PCS
0317 7	M7	5.5 mm	12.12 mm	11 mm	7 mm	I8I	1000 PCS
0317 8	M8	6.5 mm	14.38 mm	13 mm	8 mm	I8I	1000 PCS
0317 10	M10	8 mm	18.9 mm	17 mm	10 mm	I8I	500 PCS
0317 12	M12	10 mm	21.1 mm	19 mm	12 mm	I8I	500 PCS
0317 14	M14	11 mm	25.2 mm	22 mm	14 mm	I8I	250 PCS
0317 16	M16	13 mm	26.75 mm	24 mm	16 mm	I8I	100 PCS
0317 18	M18	15 mm	29.56 mm	27 mm	18 mm	I8I	100 PCS
0317 20	M20	16 mm	32.95 mm	30 mm	20 mm	I8I	100 PCS
0317 22	M22	18 mm	36.6 mm	32 mm	22 mm	I8I	50 PCS
0317 24	M24	19 mm	39.55 mm	36 mm	24 mm	I8I	50 PCS
0317 27	M27	22 mm	45.02 mm	41 mm	27 mm	I8I	25 PCS

Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Property class	Packaging unit (VPE)
0317 30	M30	24 mm	50.85 mm	46 mm	30 mm	I8I	10 PCS
0317 36	M36	29 mm	60.79 mm	55 mm	36 mm	I8I	5 PCS

Hexagonal nut DIN 934, strength class 8 galvanised, small packages

DIN: 934
Material: Steel
Surface: Galvanised
Version: Metric nominal thread
Thread type: Metric thread



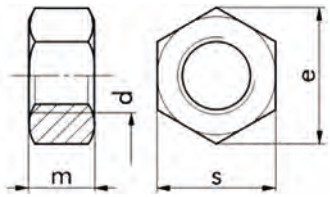


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Property class	Nominal diameter	Packaging unit (VPE)
5317 3	M3	2.4 mm	6 mm	5.5 mm	I6I	3 mm	250 PCS
5317 4	M4	3.2 mm	7.6 mm	7 mm	I6I	4 mm	250 PCS
5317 5	M5	4 mm	8.7 mm	8 mm	I6I	5 mm	250 PCS
5317 6	M6	5 mm	11 mm	10 mm	I8I	6 mm	250 PCS
5317 7	M7	5.5 mm	12 mm	11 mm	I8I	7 mm	250 PCS
5317 8	M8	6.5 mm	14.3 mm	13 mm	I8I	8 mm	250 PCS
5317 10	M10	8 mm	18.9 mm	17 mm	I8I	10 mm	100 PCS
5317 12	M12	10 mm	21.1 mm	19 mm	I8I	12 mm	100 PCS
5317 14	M14	11 mm	25.2 mm	22 mm	I8I	14 mm	50 PCS
5317 16	M16	13 mm	26.7 mm	24 mm	I8I	16 mm	25 PCS
5317 18	M18	15 mm	29.5 mm	27 mm	I8I	18 mm	25 PCS
5317 20	M20	16 mm	32.9 mm	30 mm	I8I	20 mm	25 PCS
5317 22	M22	18 mm	36.6 mm	32 mm	I8I	22 mm	25 PCS
5317 24	M24	19 mm	39.5 mm	36 mm	I8I	24 mm	25 PCS

Hexagonal nut DIN 934, strength class 8 galvanised, fine thread

DIN: 934
Material: Steel
Surface: Galvanised
Property class: I8I
Version: Metric fine thread
Thread type: Metric thread



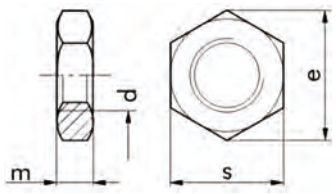


Art. No.	Thread type x nominal diameter x pitch (d)	Height (m)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0317 8 113	M8 x 1	6.5 mm	1 mm	14.38 mm	13 mm	8 mm	250 PCS
0317 10 1	M10 x 1	8 mm	1 mm	18.9 mm	17 mm	10 mm	100 PCS
0317 10 125	M10 x 1.25	8 mm	1.25 mm	18.9 mm	17 mm	10 mm	100 PCS
0317 12 125	M12 x 1.25	10 mm	1.25 mm	21.1 mm	19 mm	12 mm	100 PCS
0317 12 15	M12 x 1.5	10 mm	1.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0317 14 15	M14 x 1.5	11 mm	1.5 mm	25.2 mm	22 mm	14 mm	50 PCS
0317 16 15	M16 x 1.5	13 mm	1.5 mm	26.75 mm	24 mm	16 mm	25 PCS
0317 18 15	M18 x 1.5	15 mm	1.5 mm	29.56 mm	27 mm	18 mm	25 PCS
0317 20 15	M20 x 1.5	16 mm	1.5 mm	32.95	30 mm	20 mm	25 PCS

Hexagonal nut DIN 936, strength class 04 galv

Version: Metric nominal thread
Thread type: Metric thread



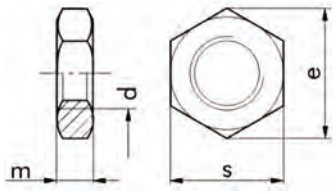


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0319 8	M8	5 mm	14.38 mm	13 mm	8 mm	500 PCS
0319 10	M10	6 mm	18.9 mm	17 mm	10 mm	100 PCS
0319 12	M12	7 mm	21.1 mm	19 mm	12 mm	100 PCS
0319 14	M14	8 mm	25.2 mm	22 mm	14 mm	100 PCS
0319 16	M16	8 mm	26.75 mm	24 mm	16 mm	100 PCS
0319 18	M18	9 mm	29.56 mm	27 mm	18 mm	50 PCS
0319 20	M20	9 mm	32.95 mm	30 mm	20 mm	50 PCS
0319 24	M24	10 mm	39.55 mm	36 mm	24 mm	5 PCS
0319 30	M30	12 mm	50.85 mm	46 mm	30 mm	5 PCS

Hexagonal nut DIN 936, strength class 04 galvanised, fine thread

Version: Metric fine thread
Thread type: Metric thread





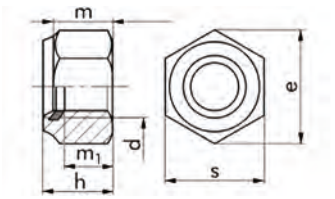
Art. No.	Thread type x nominal diameter x pitch (d)	Height (m)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0319 10 1	M10 x 1	6 mm	1 mm	18.9 mm	17 mm	10 mm	100 PCS
0319 12 15	M12 x 1.5	7 mm	1.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0319 14 15	M14 x 1.5	8 mm	1.5 mm	25.2 mm	22 mm	14 mm	100 PCS
0319 16 15	M16 x 1.5	8 mm	1.5 mm	26.75 mm	24 mm	16 mm	100 PCS
0319 18 15	M18 x 1.5	9 mm	1.5 mm	29.56 mm	27 mm	18 mm	50 PCS
0319 20 15	M20 x 1.5	9 mm	1.5 mm	32.95 mm	30 mm	20 mm	50 PCS

Art. No.	Thread type x nominal diameter x pitch (d)	Height (m)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0319 24 15	M24 x 1.5	10 mm	1.5 mm	39.55 mm	36 mm	24 mm	5 PCS

Hexagonal nut, self-locking DIN 985 strength class 8 galv

DIN: 985
Form: Low
Thread type: Metric thread



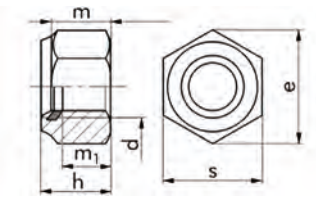


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Thread length (metric thread) (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0368 3	M3	4 mm	2.4 mm	2.7 mm	6.08 mm	5.5 mm	3 mm	1000 PCS
0368 4	M4	5 mm	2.9 mm	3.2 mm	7.74 mm	7 mm	4 mm	1000 PCS
0368 5	M5	5 mm	3.2 mm	3.5 mm	8.87 mm	8 mm	5 mm	1000 PCS
0368 6	M6	6 mm	4 mm	4.5 mm	11.05 mm	10 mm	6 mm	1000 PCS
0368 7	M7	7.5 mm	4.7 mm	5.5 mm	12.12 mm	11 mm	7 mm	100 PCS
0368 8	M8	8 mm	5.5 mm	6 mm	14.38 mm	13 mm	8 mm	500 PCS
0368 10	M10	10 mm	6.5 mm	7 mm	18.9 mm	17 mm	10 mm	500 PCS
0368 12	M12	12 mm	8 mm	9 mm	21.1 mm	19 mm	12 mm	500 PCS
0368 14	M14	14 mm	9.5 mm	10 mm	24.49 mm	22 mm	14 mm	100 PCS
0368 16	M16	16 mm	10.5 mm	11 mm	26.75 mm	24 mm	16 mm	100 PCS
0368 18	M18	18.5 mm	13 mm	14 mm	30.14 mm	27 mm	18 mm	25 PCS
0368 20	M20	20 mm	14 mm	15 mm	33.53 mm	30 mm	20 mm	100 PCS
0368 22	M22	22 mm	15 mm	16 mm	35.72 mm	32 mm	22 mm	25 PCS
0368 24	M24	24 mm	15 mm	16 mm	39.98 mm	36 mm	24 mm	25 PCS
0368 27	M27	27 mm	17 mm	19 mm	45.63 mm	41 mm	27 mm	10 PCS
0368 30	M30	30 mm	19 mm	23 mm	51.28 mm	46 mm	30 mm	10 PCS

Hexagonal nut, self-locking DIN 985 strength class 8 galv

DIN: 985
Form: Low
Thread type: Metric thread



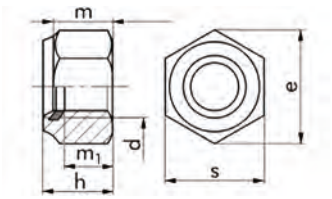


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Thread length (metric thread) (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5368 3	M3	4 mm	2.4 mm	2.7 mm	6.08 mm	5.5 mm	3 mm	100 PCS
5368 4	M4	5 mm	2.9 mm	3.2 mm	7.74 mm	7 mm	4 mm	100 PCS
5368 5	M5	5 mm	3.2 mm	3.5 mm	8.87 mm	8 mm	5 mm	100 PCS
5368 6	M6	6 mm	4 mm	4.5 mm	11.05 mm	10 mm	6 mm	100 PCS
5368 8	M8	8 mm	5.5 mm	6 mm	14.38 mm	13 mm	8 mm	100 PCS
5368 10	M10	10 mm	6.5 mm	7 mm	18.9 mm	17 mm	10 mm	100 PCS
5368 12	M12	12 mm	8 mm	9 mm	21.1 mm	19 mm	12 mm	100 PCS
5368 14	M14	14 mm	9.5 mm	10 mm	24.49 mm	22 mm	14 mm	25 PCS
5368 16	M16	16 mm	10.5 mm	11 mm	26.75 mm	24 mm	16 mm	25 PCS
5368 20	M20	20 mm	14 mm	15 mm	33.53 mm	30 mm	20 mm	25 PCS

Hexagonal nut, self-locking DIN 985 strength class 8 galvanised, fine thread

DIN: 985
Form: Low
Thread type: Metric thread



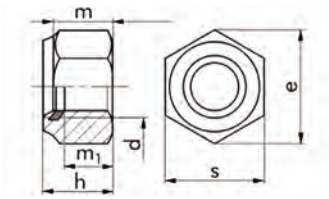


Art. No.	Thread type x nominal diameter x pitch (d)	Height (h)	Height of the nut (m)	Thread length (metric thread) (m1)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0368 10 1	M10 x 1	10 mm	6.5 mm	7 mm	1 mm	18.9 mm	17 mm	10 mm	100 PCS
0368 10 125	M10 x 1.25	10 mm	6.5 mm	7 mm	1.25 mm	18.9 mm	17 mm	10 mm	100 PCS
0368 12 15	M12 x 1.5	12 mm	8 mm	9 mm	1.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0368 14 15	M14 x 1.5	14 mm	9.5 mm	10 mm	1.5 mm	24.49 mm	22 mm	14 mm	100 PCS
0368 16 15	M16 x 1.5	16 mm	10.5 mm	11 mm	1.5 mm	26.75 mm	24 mm	16 mm	25 PCS
0368 20 15	M20 x 1.5	20 mm	14 mm	15 mm	1.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0368 24 15	M24 x 1.5	24 mm	15 mm	16 mm	1.5 mm	39.98 mm	36 mm	24 mm	25 PCS

Hexagonal nut, self-locking DIN 985, strength class 10 yellow galvanised

Form: Low
Thread type: Metric thread



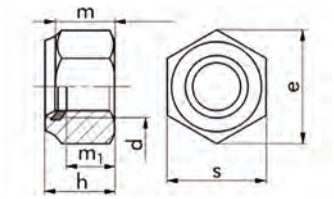


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Thread length (metric thread) (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0370 6	M6	6 mm	4 mm	4.5 mm	11.05 mm	10 mm	6 mm	100 PCS
0370 8	M8	8 mm	5.5 mm	6 mm	14.38 mm	13 mm	8 mm	100 PCS
0370 10	M10	10 mm	6.5 mm	7 mm	18.9 mm	17 mm	10 mm	50 PCS
0370 12	M12	12 mm	8 mm	9 mm	21.1 mm	19 mm	12 mm	50 PCS
0370 14	M14	14 mm	9.5 mm	10 mm	24.49 mm	22 mm	14 mm	50 PCS
0370 16	M16	16 mm	10.5 mm	11 mm	26.75 mm	24 mm	16 mm	50 PCS
0370 20	M20	20 mm	14 mm	15 mm	33.53 mm	30 mm	20 mm	25 PCS
0370 24	M24	24 mm	15 mm	16 mm	39.98 mm	36 mm	24 mm	10 PCS

Self-locking hexagonal nut, DIN 985, strength class 10, yellow galvanised, fine thread

Form: Low
Thread type: Metric thread



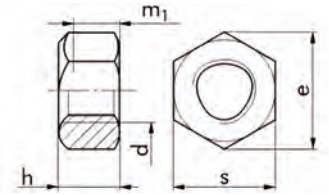


Art. No.	Thread type x nominal diameter x pitch (d)	Height (h)	Height of the nut (m)	Thread length (metric thread) (m1)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0370 10 1	M10 x 1	10 mm	6.5 mm	7 mm	1 mm	18.9 mm	17 mm	10 mm	50 PCS
0370 12 15	M12 x 1.5	12 mm	8 mm	9 mm	1.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0370 14 15	M14 x 1.5	14 mm	9.5 mm	10 mm	1.5 mm	24.49 mm	22 mm	14 mm	50 PCS
0370 16 15	M16 x 1.5	16 mm	10.5 mm	11 mm	1.5 mm	26.75 mm	24 mm	16 mm	50 PCS
0370 20 15	M20 x 1.5	20 mm	14 mm	15 mm	1.5 mm	33.53 mm	30 mm	20 mm	25 PCS

Self-locking all-metal hexagonal nut, DIN 980, strength class 10, yellow galvanised

DIN: 980
Material: Steel
Surface: Galvanised
Property class: I10I
Form: V
Thread type: Metric thread





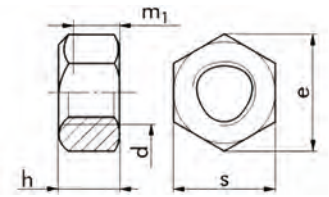
Art. No.	Thread type x nominal diameter (d)	Height (h)	Thread length (metric thread) (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0369 006	M6	6 mm	3.92 mm	11.05 mm	10 mm	6 mm	50 PCS
0369 008	M8	8 mm	5.15 mm	14.38 mm	13 mm	8 mm	50 PCS
0369 010	M10	10 mm	6.43 mm	18.9 mm	17 mm	10 mm	50 PCS
0369 012	M12	12 mm	8.3 mm	21.1 mm	19 mm	12 mm	50 PCS
0369 014	M14	14 mm	9.68 mm	25.2 mm	22 mm	14 mm	25 PCS
0369 016	M16	16 mm	11.28 mm	26.75 mm	24 mm	16 mm	25 PCS

Self-locking all-metal hexagonal nut, DIN 980, strength class 10 yellow galvanised

Fine thread

DIN: 980
Material: Steel
Surface: Galvanised
Property class: I10I
Form: V
Thread type: Metric thread



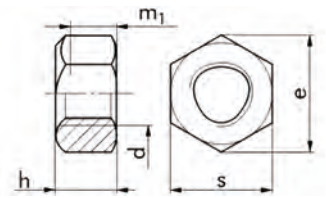


Art. No.	Thread type x nominal diameter x pitch (d)	Height (h)	Thread length (metric thread) (m1)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0369 010 1	M10 x 1	10 mm	6.43 mm	1 mm	18.9 mm	17 mm	10 mm	50 PCS
0369 012 15	M12 x 1.5	12 mm	8.3 mm	1.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0369 014 15	M14 x 1.5	14 mm	9.68 mm	1.5 mm	25.2 mm	22 mm	14 mm	25 PCS
0369 016 15	M16 x 1.5	16 mm	11.28 mm	1.5 mm	26.75 mm	24 mm	16 mm	25 PCS

Self-locking all-metal hexagonal nut, DIN 980, strength class 8, galvanised

DIN: 980
Material: Steel
Surface: Galvanised
Property class: 8
Form: V
Thread type: Metric thread





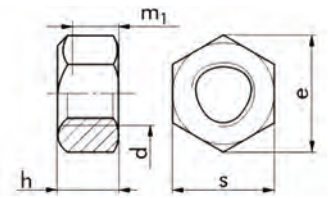
Art. No.	Thread type x nominal diameter (d)	Height (h)	Thread length (metric thread) (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0369 5	M5	5.1 mm	3.52 mm	8.79 mm	8 mm	5 mm	500 PCS
0369 6	M6	6 mm	3.92 mm	11.05 mm	10 mm	6 mm	500 PCS
0369 8	M8	8 mm	5.15 mm	14.38 mm	13 mm	8 mm	100 PCS
0369 10	M10	10 mm	6.43 mm	18.9 mm	17 mm	10 mm	100 PCS
0369 12	M12	12 mm	8.3 mm	21.1 mm	19 mm	12 mm	100 PCS
0369 14	M14	14 mm	9.68 mm	25.2 mm	22 mm	14 mm	50 PCS
0369 16	M16	16 mm	11.28 mm	26.75 mm	24 mm	16 mm	50 PCS
0369 20	M20	20 mm	13.52 mm	32.95 mm	30 mm	20 mm	25 PCS

Self-locking all-metal hexagonal nut, DIN 980, strength class 8 galv

Fine thread

DIN: 980
Material: Steel
Surface: Galvanised
Property class: 8
Form: V
Thread type: Metric thread



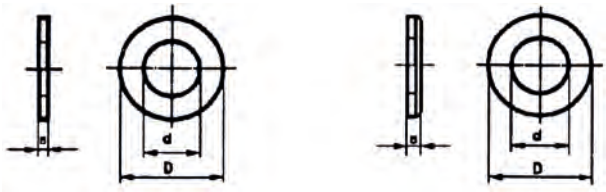


Art. No.	Thread type x nominal diameter x pitch (d)	Height (h)	Thread length (metric thread) (m1)	Pitch	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0369 10 1	M10 x 1	10 mm	6.43 mm	1 mm	18.9 mm	17 mm	10 mm	50 PCS
0369 12 15	M12 x 1.5	12 mm	8.3 mm	1.5 mm	21.1 mm	19 mm	12 mm	100 PCS
0369 14 15	M14 x 1.5	14 mm	9.68 mm	1.5 mm	25.2 mm	22 mm	14 mm	50 PCS
0369 16 15	M16 x 1.5	16 mm	11.28 mm	1.5 mm	26.75 mm	24 mm	16 mm	50 PCS
0369 20 15	M20 x 1.5	20 mm	13.52 mm	1.5 mm	32.95 mm	30 mm	20 mm	25 PCS

Washer, DIN 125 140 HV plain

DIN: 125
Material: Steel
Surface: Bare



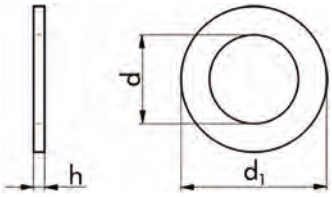


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (D)	Height (s)	Packaging unit (VPE)
0405 3	M3	3.2 mm	7 mm	0.5 mm	1000 PCS
0405 4	M4	4.3 mm	9 mm	0.8 mm	1000 PCS
0405 5	M5	5.3 mm	10 mm	1 mm	1000 PCS
0405 6	M6	6.4 mm	12 mm	1.6 mm	1000 PCS
0405 8	M8	8.4 mm	16 mm	1.6 mm	1000 PCS
0405 10	M10	10.5 mm	20 mm	2 mm	500 PCS
0405 12	M12	13 mm	24 mm	2.5 mm	500 PCS
0405 14	M14	15 mm	28 mm	2.5 mm	250 PCS
0405 16	M16	17 mm	30 mm	3 mm	100 PCS
0405 18	M18	19 mm	34 mm	3 mm	100 PCS
0405 20	M20	21 mm	37 mm	3 mm	100 PCS
0405 22	M22	23 mm	39 mm	3 mm	100 PCS
0405 24	M24	25 mm	44 mm	4 mm	25 PCS
0405 27	M27	28 mm	50 mm	4 mm	25 PCS
0405 30	M30	31 mm	56 mm	4 mm	25 PCS
0405 32	M32	34 mm	60 mm	5 mm	25 PCS
0405 36	M36	37 mm	66 mm	5 mm	25 PCS
0405 40	M40	41 mm	72 mm	6 mm	10 PCS
0405 42	M42	43 mm	78 mm	7 mm	10 PCS
0405 45	M45	46 mm	85 mm	7 mm	10 PCS
0405 48	M48	50 mm	92 mm	8 mm	10 PCS
0405 52	M52	54 mm	98 mm	8 mm	10 PCS

Washer, DIN 7349, 200 HV, galvanised

DIN: 7349
Material: Steel
Surface: Galvanised
Version: Pierced



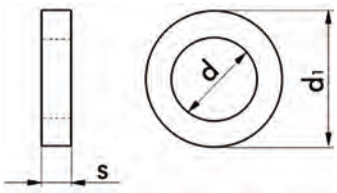


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0497 4	M4	4.3 mm	12 mm	1.6 mm	200 PCS
0497 5	M5	5.3 mm	15 mm	2 mm	200 PCS
0497 6	M6	6.4 mm	17 mm	3 mm	200 PCS
0497 8	M8	8.4 mm	21 mm	4 mm	200 PCS
0497 10	M10	10.5 mm	25 mm	4 mm	200 PCS
0497 12	M12	13 mm	30 mm	6 mm	100 PCS
0497 14	M14	15 mm	36 mm	6 mm	100 PCS
0497 16	M16	17 mm	40 mm	6 mm	100 PCS
0497 20	M20	21 mm	44 mm	8 mm	100 PCS

Washer DIN 7989, hot-dip galvanised

Height (s): 8 mm
DIN: 7989-1
Material: Steel
Surface: Hot-dip galvanised
Product class: C
Vickers hardness, HV: 100 HV



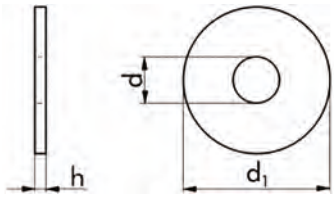


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0449 10	M10	11 mm	21 mm	100 PCS
0449 12	M12	13.5 mm	24 mm	100 PCS
0449 16	M16	18 mm	30 mm	100 PCS
0449 20	M20	22 mm	37 mm	100 PCS
0449 24	M24	26 mm	44 mm	100 PCS
0449 27	M27	30 mm	50 mm	100 PCS
0449 30	M30	33 mm	56 mm	50 PCS

Washer, DIN 9021, 140 HV, galvanised

DIN: 9021
Material: Steel
Surface: Galvanised



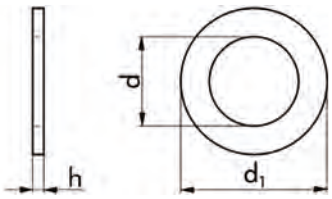


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0416 3	M3	3.2 mm	9 mm	0.8 mm	250 PCS
0416 4	M4	4.3 mm	12 mm	1 mm	250 PCS
0416 5	M5	5.3 mm	15 mm	1.2 mm	250 PCS
0416 6	M6	6.4 mm	18 mm	1.6 mm	250 PCS
0416 8	M8	8.4 mm	24 mm	2 mm	250 PCS
0416 10	M10	10.5 mm	30 mm	2.5 mm	250 PCS
0416 12	M12	13 mm	37 mm	3 mm	100 PCS
0416 14	M14	15 mm	44 mm	3 mm	100 PCS
0416 16	M16	17 mm	50 mm	3 mm	100 PCS
0416 18	M18	20 mm	56 mm	4 mm	100 PCS
0416 20	M20	22 mm	60 mm	4 mm	100 PCS

Penny washer, tolerance DIN 522-A, galvanised

DIN: 522
Material: Steel
Surface: Galvanised



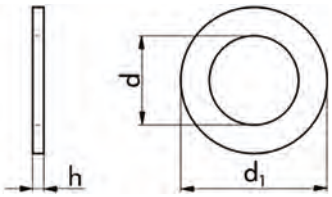


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0411 3 10	M3	3.2 mm	10 mm	0.8 mm	200 PCS
0411 3 20	M3	3.2 mm	20 mm	1.25 mm	200 PCS
0411 4 12	M4	4.3 mm	12 mm	1.25 mm	200 PCS
0411 4 20	M4	4.3 mm	20 mm	1.25 mm	200 PCS
0411 5 15	M5	5.3 mm	15 mm	1.25 mm	200 PCS
0411 5 20	M5	5.3 mm	20 mm	1.25 mm	200 PCS
0411 5 25	M5	5.3 mm	25 mm	1.25 mm	200 PCS
0411 5 30	M5	5.3 mm	30 mm	1.25 mm	200 PCS
0411 6 15	M6	6.4 mm	15 mm	1.5 mm	200 PCS
0411 6 18	M6	6.4 mm	18 mm	1.5 mm	200 PCS
0411 6 20	M6	6.4 mm	20 mm	1.25 mm	200 PCS
0411 6 202	M6	6.4 mm	20 mm	2 mm	200 PCS
0411 6 25	M6	6.4 mm	25 mm	1.25 mm	200 PCS
0411 6 30	M6	6.4 mm	30 mm	1.25 mm	200 PCS
0411 6 302	M6	6.4 mm	30 mm	2 mm	200 PCS
0411 6 40	M6	6.4 mm	40 mm	1.5 mm	200 PCS
0411 7 20	M7	7.4 mm	20 mm	1.25 mm	200 PCS
0411 8 20	M8	8.4 mm	20 mm	1.25 mm	200 PCS
0411 8 24	M8	8.4 mm	24 mm	1.25 mm	200 PCS
0411 8 243	M8	8.4 mm	24 mm	3 mm	200 PCS
0411 8 25	M8	8.4 mm	25 mm	1.5 mm	200 PCS
0411 8 252	M8	8.4 mm	25 mm	2 mm	200 PCS
0411 8 30	M8	8.4 mm	30 mm	1.5 mm	200 PCS
0411 8 40	M8	8.4 mm	40 mm	2 mm	200 PCS
0411 10 20	M10	10.5 mm	20 mm	1.5 mm	200 PCS
0411 10 25	M10	10.5 mm	25 mm	1.5 mm	200 PCS
0411 10 24	M10	10.5 mm	25 mm	4 mm	200 PCS
0411 10 30	M10	10.5 mm	30 mm	1.5 mm	200 PCS
0411 10 303	M10	10.5 mm	30 mm	3 mm	200 PCS
0411 10 304	M10	10.5 mm	30 mm	4 mm	200 PCS
0411 10 40	M10	10.5 mm	40 mm	2 mm	200 PCS
0411 12 30	M12	13 mm	32 mm	1.5 mm	200 PCS
0411 12 40	M12	13 mm	40 mm	2 mm	200 PCS
0411 12 50	M12	13 mm	50 mm	2.5 mm	200 PCS
0411 14 30	M14	15 mm	30 mm	1.5 mm	200 PCS
0411 14 40	M14	15 mm	40 mm	2 mm	200 PCS
0411 14 45	M14	15 mm	45 mm	2 mm	100 PCS
0411 14 50	M14	15 mm	50 mm	2.5 mm	100 PCS
0411 16 40	M16	17 mm	40 mm	2 mm	100 PCS
0411 16 50	M16	17 mm	50 mm	2 mm	100 PCS

Spacer, tolerance DIN 522-F, plain

DIN: 522
Material: Steel
Surface: Bare





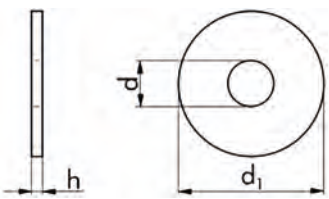
Art. No.	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0420 6 123	6 mm	12 mm	0.3 mm	100 PCS
0420 6 125	6 mm	12 mm	0.5 mm	100 PCS
0420 6 121	6 mm	12 mm	1 mm	100 PCS
0420 8 143	8 mm	14 mm	0.3 mm	100 PCS
0420 8 145	8 mm	14 mm	0.5 mm	100 PCS
0420 8 141	8 mm	14 mm	1 mm	100 PCS
0420 10 203	10 mm	20 mm	0.3 mm	100 PCS
0420 10 205	10 mm	20 mm	0.5 mm	100 PCS
0420 10 201	10 mm	20 mm	1 mm	100 PCS
0420 12 243	12 mm	24 mm	0.3 mm	100 PCS
0420 12 245	12 mm	24 mm	0.5 mm	100 PCS
0420 12 241	12 mm	24 mm	1 mm	100 PCS
0420 14 243	14 mm	24 mm	0.3 mm	50 PCS
0420 14 245	14 mm	24 mm	0.5 mm	50 PCS
0420 14 241	14 mm	24 mm	1 mm	50 PCS
0420 16 263	16 mm	26 mm	0.3 mm	25 PCS
0420 16 265	16 mm	26 mm	0.5 mm	25 PCS
0420 16 261	16 mm	26 mm	1 mm	25 PCS
0420 18 303	18 mm	30 mm	0.3 mm	25 PCS
0420 18 305	18 mm	30 mm	0.5 mm	25 PCS
0420 18 301	18 mm	30 mm	1 mm	25 PCS
0420 20 323	20 mm	32 mm	0.3 mm	25 PCS
0420 20 325	20 mm	32 mm	0.5 mm	25 PCS
0420 20 321	20 mm	32 mm	1 mm	25 PCS
0420 22 345	22 mm	34 mm	0.5 mm	25 PCS
0420 22 341	22 mm	34 mm	1 mm	25 PCS
0420 24 363	24 mm	36 mm	0.3 mm	25 PCS
0420 24 365	24 mm	36 mm	0.5 mm	25 PCS
0420 24 361	24 mm	36 mm	1 mm	25 PCS
0420 25 502	25 mm	50 mm	0.2 mm	25 PCS
0420 25 505	25 mm	50 mm	0.5 mm	25 PCS

Art. No.	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0420 25 501	25 mm	50 mm	1 mm	25 PCS
0420 26 383	26 mm	38 mm	0.3 mm	25 PCS
0420 26 385	26 mm	38 mm	0.5 mm	25 PCS
0420 26 381	26 mm	38 mm	1 mm	25 PCS
0420 28 403	28 mm	40 mm	0.3 mm	25 PCS
0420 28 405	28 mm	40 mm	0.5 mm	25 PCS
0420 28 401	28 mm	40 mm	1 mm	25 PCS
0420 30 423	30 mm	42 mm	0.3 mm	25 PCS
0420 30 425	30 mm	42 mm	0.5 mm	25 PCS
0420 30 421	30 mm	42 mm	1 mm	25 PCS
0420 30 503	30 mm	50 mm	0.3 mm	25 PCS
0420 30 505	30 mm	50 mm	0.5 mm	25 PCS
0420 30 501	30 mm	50 mm	1 mm	25 PCS
0420 32 443	32 mm	44 mm	0.3 mm	25 PCS
0420 32 445	32 mm	44 mm	0.5 mm	25 PCS
0420 32 441	32 mm	44 mm	1 mm	25 PCS
0420 34 463	34 mm	46 mm	0.3 mm	25 PCS
0420 34 465	34 mm	46 mm	0.5 mm	25 PCS
0420 34 461	34 mm	46 mm	1 mm	25 PCS
0420 36 483	36 mm	48 mm	0.3 mm	25 PCS
0420 36 485	36 mm	48 mm	0.5 mm	25 PCS
0420 36 481	36 mm	48 mm	1 mm	25 PCS
0420 40 523	40 mm	52 mm	0.3 mm	10 PCS
0420 40 525	40 mm	52 mm	0.5 mm	10 PCS
0420 40 521	40 mm	52 mm	1 mm	10 PCS
0420 50 683	50 mm	68 mm	0.3 mm	10 PCS
0420 50 685	50 mm	68 mm	0.5 mm	10 PCS
0420 50 681	50 mm	68 mm	1 mm	10 PCS

Washer, DIN 440, galvanised

DIN: 440
Material: Steel
Surface: Galvanised
Form: R



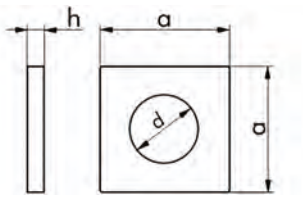


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0459 55	M5	5.5 mm	18 mm	2 mm	100 PCS
0459 66	M6	6.6 mm	22 mm	2 mm	100 PCS
0459 95	M8	9 mm	28 mm	3 mm	100 PCS
0459 115	M10	11 mm	34 mm	3 mm	100 PCS
0459 14	M12	13.5 mm	44 mm	4 mm	100 PCS
0459 18	M16	17.5 mm	56 mm	5 mm	100 PCS
0459 23	M20	22 mm	72 mm	6 mm	50 PCS
0459 25	M22	24 mm	80 mm	6 mm	25 PCS
0459 27	M24	26 mm	85 mm	6 mm	25 PCS
0459 30	M28	30 mm	98 mm	6 mm	10 PCS

Square washer DIN 436 galvanised

DIN: 436
Material: Steel
Surface: Galvanised



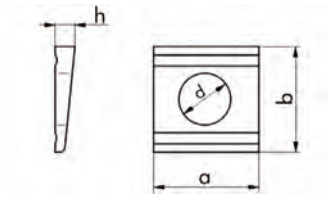


Art. No.	Suitable for screw	Diameter (d)	Length (a)	Height (h)	Packaging unit (VPE)
0453 11 303	M10	11 mm	30 mm	3 mm	100 PCS
0453 14 404	M12	13.5 mm	40 mm	4 mm	100 PCS
0453 18 505	M16	17.5 mm	50 mm	5 mm	50 PCS
0453 22 605	M20	22 mm	60 mm	5 mm	50 PCS

Square washer, tapered, with 2 grooves, DIN 434, galvanised

DIN: 434
Material: Steel
Surface: Galvanised
Version: Conical



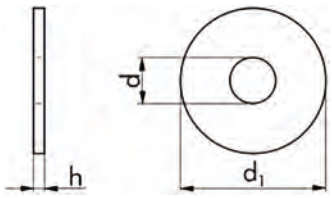


Art. No.	Suitable for screw	Diameter (d)	Length (a)	Width (b)	Height (h)	Packaging unit (VPE)
0450 9	M8	9 mm	22 mm	22 mm	3.8 mm	100 PCS
0450 11	M10	11 mm	22 mm	22 mm	3.8 mm	100 PCS
0450 14	M12	14 mm	26 mm	30 mm	4.9 mm	100 PCS
0450 18	M16	18 mm	32 mm	36 mm	5.9 mm	100 PCS
0450 22	M20	22 mm	40 mm	44 mm	7 mm	100 PCS

Washer for wood connections, DIN 1052, galvanised

DIN: 1052
Material: Steel
Surface: Galvanised



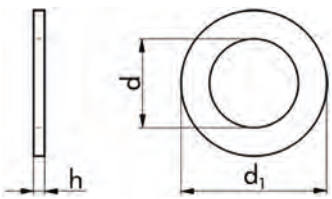


Art. No.	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0451 13	14 mm	58 mm	6 mm	50 PCS
0451 19	18 mm	68 mm	6 mm	25 PCS
0451 23	23 mm	80 mm	8 mm	25 PCS
0451 25	25 mm	92 mm	8 mm	10 PCS
0451 27	27 mm	105 mm	8 mm	10 PCS

Washer, DIN 125, 140 HV, galvanised

DIN: 125
Material: Steel
Surface: Galvanised





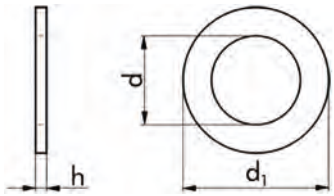
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0407 2	M2	2.2 mm	5 mm	0.3 mm	1000 PCS
0407 27	M2.5	2.7 mm	6 mm	0.5 mm	1000 PCS
0407 3	M3	3.2 mm	7 mm	0.5 mm	1000 PCS
0407 4	M4	4.3 mm	9 mm	0.8 mm	1000 PCS
0407 5	M5	5.3 mm	10 mm	1 mm	1000 PCS
0407 6	M6	6.4 mm	12 mm	1.6 mm	1000 PCS
0407 8	M8	8.4 mm	16 mm	1.6 mm	1000 PCS
0407 10	M10	10.5 mm	20 mm	2 mm	500 PCS
0407 12	M12	13 mm	24 mm	2.5 mm	500 PCS
0407 14	M14	15 mm	28 mm	2.5 mm	250 PCS
0407 16	M16	17 mm	30 mm	3 mm	100 PCS
0407 18	M18	19 mm	34 mm	3 mm	100 PCS
0407 20	M20	21 mm	37 mm	3 mm	100 PCS
0407 22	M22	23 mm	39 mm	3 mm	100 PCS
0407 24	M24	25 mm	44 mm	4 mm	25 PCS

Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0407 28	M27	28 mm	50 mm	4 mm	25 PCS
0407 30	M30	31 mm	56 mm	4 mm	25 PCS
0407 32	M32	34 mm	60 mm	5 mm	25 PCS
0407 36	M36	37 mm	66 mm	5 mm	25 PCS

Washer, DIN 125, 140HV, galvanised

DIN: 125
Material: Steel
Surface: Galvanised





Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
5407 3	M3	3.2 mm	7 mm	0.5 mm	250 PCS
5407 4	M4	4.3 mm	9 mm	0.8 mm	250 PCS
5407 5	M5	5.3 mm	10 mm	1 mm	250 PCS
5407 6	M6	6.4 mm	12 mm	1.6 mm	250 PCS
5407 7	M7	7.4 mm	14 mm	1.6 mm	250 PCS
5407 8	M8	8.4 mm	16 mm	1.6 mm	250 PCS
5407 10	M10	10.5 mm	20 mm	2 mm	100 PCS
5407 12	M12	13 mm	24 mm	2.5 mm	100 PCS
5407 14	M14	15 mm	28 mm	2.5 mm	50 PCS
5407 16	M16	17 mm	30 mm	3 mm	25 PCS
5407 18	M18	19 mm	34 mm	3 mm	25 PCS
5407 20	M20	21 mm	37 mm	3 mm	25 PCS
5407 22	M22	23 mm	39 mm	3 mm	25 PCS

One-sided wood connector, DIN 1052, galvanised

DIN: 1052
Surface: Galvanised
Version: One side



Art. No.	Diameter	Diameter of hole	Packaging unit (VPE)
0451 011 48	50.0 mm	12.4 mm	100 PCS
0451 011 62	62.0 mm	12.4 mm	50 PCS
0451 011 75	75.0 mm	16.4 mm	50 PCS

One-sided wood connector, DIN 1052, malleable iron, galvanised

DIN: 1052
Material: Malleable cast iron
Surface: Galvanised
Version: One side



Art. No.	Diameter	Diameter of hole	Packaging unit (VPE)
0451 031 50	50.0 mm	13 mm	50 PCS
0451 031 65	65.0 mm	17 mm	50 PCS
0451 031 95	95.0 mm	25 mm	10 PCS

Double-sided wood connector, DIN 1052, galvanised

DIN: 1052
Surface: Galvanised
Version: Double-sided



Art. No.	Diameter	Diameter of hole	Packaging unit (VPE)
0451 021 48	48.0 mm	17.0 mm	100 PCS
0451 021 62	62.0 mm	21 mm	50 PCS
0451 021 75	75.0 mm	26 mm	50 PCS

Double-sided wood connector, DIN 1052, malleable iron, galvanised

Diameter: 50.0 mm
Diameter of hole: 30 mm
DIN: 1052
Material: Malleable cast iron
Surface: Galvanised
Version: Double-sided

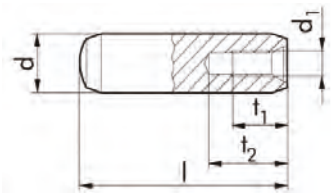


Art. No.	Packaging unit (VPE)
0451 041 50	50 PCS

Cylindrical pins, type D, DIN 7979, plain steel

DIN: 7979
Material: Steel
Surface: Bare
Form: D
Version: Hardened, Ground
Thread type: Metric thread
Tolerance class: m6





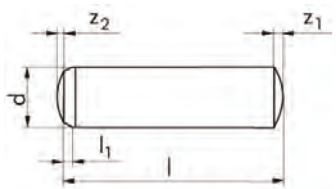
Art. No.	Diameter (d)	Length (l)	Thread type x nominal diameter (d1)	Thread length (metric thread) (t1)	Drilling depth (t2)	Nominal diameter	Package size	Packaging unit (VPE)
2364 4 10	4 mm	10 mm	M2.5	4 mm	5.5 mm	2.5 mm		100 PCS
2364 4 12	4 mm	12 mm	M2.5	4 mm	5.5 mm	2.5 mm		100 PCS
2364 4 20	4 mm	20 mm	M2.5	4 mm	5.5 mm	2.5 mm		100 PCS
2364 5 12	5 mm	12 mm	M3	5 mm	8 mm	3 mm		100 PCS
2364 5 16	5 mm	16 mm	M3	5 mm	8 mm	3 mm		100 PCS
2364 5 20	5 mm	20 mm	M3	5 mm	8 mm	3 mm		100 PCS
2364 5 24	5 mm	24 mm	M3	5 mm	8 mm	3 mm		100 PCS
2364 5 30	5 mm	30 mm	M3	5 mm	8 mm	3 mm		100 PCS
2364 6 12	6 mm	12 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 16	6 mm	16 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 20	6 mm	20 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 24	6 mm	24 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 28	6 mm	28 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 30	6 mm	30 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 32	6 mm	32 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 36	6 mm	36 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 40	6 mm	40 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 45	6 mm	45 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 50	6 mm	50 mm	M4	6 mm	10 mm	4 mm		100 PCS
2364 6 60	6 mm	60 mm	M4	6 mm	10 mm	4 mm		25 PCS
2364 8 20	8 mm	20 mm	M5	8 mm	12 mm	5 mm		100 PCS
2364 8 24	8 mm	24 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 28	8 mm	28 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 30	8 mm	30 mm	M5	8 mm	12 mm	5 mm		100 PCS
2364 8 32	8 mm	32 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 36	8 mm	36 mm	M5	8 mm	12 mm	5 mm		100 PCS
2364 8 40	8 mm	40 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 45	8 mm	45 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 50	8 mm	50 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 60	8 mm	60 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 70	8 mm	70 mm	M5	8 mm	12 mm	5 mm		50 PCS
2364 8 80	8 mm	80 mm	M5	8 mm	12 mm	5 mm		25 PCS
2364 10 20	10 mm	20 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 24	10 mm	24 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 28	10 mm	28 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 30	10 mm	30 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 32	10 mm	32 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 36	10 mm	36 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 40	10 mm	40 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 45	10 mm	45 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 50	10 mm	50 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 55	10 mm	55 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 60	10 mm	60 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 70	10 mm	70 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 10 80	10 mm	80 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 10 100	10 mm	100 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 28	12 mm	28 mm	M6	10 mm	16 mm	6 mm		50 PCS

Art. No.	Diameter (d)	Length (l)	Thread type x nominal diameter (d1)	Thread length (metric thread) (t1)	Drilling depth (t2)	Nominal diameter	Package size	Packaging unit (VPE)
2364 12 30	12 mm	30 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 12 32	12 mm	32 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 36	12 mm	36 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 40	12 mm	40 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 45	12 mm	45 mm	M6	10 mm	16 mm	6 mm		50 PCS
2364 12 50	12 mm	50 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 60	12 mm	60 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 70	12 mm	70 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 80	12 mm	80 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 100	12 mm	100 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 12 120	12 mm	120 mm	M6	10 mm	16 mm	6 mm		25 PCS
2364 16 40	16 mm	40 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 16 45	16 mm	45 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 16 50	16 mm	50 mm	M8	12 mm	20 mm	8 mm		50 PCS
2364 16 55	16 mm	55 mm	M8	12 mm	20 mm	8 mm		50 PCS
2364 16 60	16 mm	60 mm	M8	12 mm	20 mm	8 mm		50 PCS
2364 16 70	16 mm	70 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 16 80	16 mm	80 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 16 100	16 mm	100 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 16 120	16 mm	120 mm	M8	12 mm	20 mm	8 mm		25 PCS
2364 20 40	20 mm	40 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 20 50	20 mm	50 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 20 60	20 mm	60 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 20 70	20 mm	70 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 20 80	20 mm	80 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 20 100	20 mm	100 mm	M10	16 mm	25 mm	10 mm	50	1 PCS
2364 25 50	25 mm	50 mm	M16	24 mm	35 mm	16 mm	25	1 PCS
2364 25 60	25 mm	60 mm	M16	24 mm	35 mm	16 mm	25	1 PCS

Cylindrical pins, DIN 6325, plain steel

DIN: 6325
Material: Steel
Surface: Bare
Version: Hardened, Ground
Tolerance class: m6





Art. No.	Diameter (d)	Chamfer length (l1)	Height of flat point (z1)	Height of flat point 2 (z2)	Length (l)	Packaging unit (VPE)
1246 2 6	2 mm	0.6 mm	0.3 mm	0.18 mm	6 mm	500 PCS
1246 2 8	2 mm	0.6 mm	0.3 mm	0.18 mm	8 mm	500 PCS
1246 2 10	2 mm	0.6 mm	0.3 mm	0.18 mm	10 mm	500 PCS
1246 2 12	2 mm	0.6 mm	0.3 mm	0.18 mm	12 mm	500 PCS

Art. No.	Diameter (d)	Chamfer length (l1)	Height of flat point (z1)	Height of flat point 2 (z2)	Length (l)	Packaging unit (VPE)
1246 2 14	2 mm	0.6 mm	0.3 mm	0.18 mm	14 mm	500 PCS
1246 2 16	2 mm	0.6 mm	0.3 mm	0.18 mm	16 mm	500 PCS
1246 2 20	2 mm	0.6 mm	0.3 mm	0.18 mm	20 mm	500 PCS
1246 2 24	2 mm	0.6 mm	0.3 mm	0.18 mm	24 mm	500 PCS
1246 25 8	2.5 mm	0.7 mm	0.4 mm	0.25 mm	8 mm	500 PCS
1246 25 10	2.5 mm	0.7 mm	0.4 mm	0.25 mm	10 mm	500 PCS
1246 25 12	2.5 mm	0.7 mm	0.4 mm	0.25 mm	12 mm	500 PCS
1246 25 16	2.5 mm	0.7 mm	0.4 mm	0.25 mm	16 mm	500 PCS
1246 3 6	3 mm	0.8 mm	0.45 mm	0.3 mm	6 mm	500 PCS
1246 3 8	3 mm	0.8 mm	0.45 mm	0.3 mm	8 mm	100 PCS
1246 3 10	3 mm	0.8 mm	0.45 mm	0.3 mm	10 mm	100 PCS
1246 3 12	3 mm	0.8 mm	0.45 mm	0.3 mm	12 mm	100 PCS
1246 3 14	3 mm	0.8 mm	0.45 mm	0.3 mm	14 mm	200 PCS
1246 3 16	3 mm	0.8 mm	0.45 mm	0.3 mm	16 mm	100 PCS
1246 3 18	3 mm	0.8 mm	0.45 mm	0.3 mm	18 mm	100 PCS
1246 3 20	3 mm	0.8 mm	0.45 mm	0.3 mm	20 mm	100 PCS
1246 3 24	3 mm	0.8 mm	0.45 mm	0.3 mm	24 mm	100 PCS
1246 3 28	3 mm	0.8 mm	0.45 mm	0.3 mm	28 mm	200 PCS
1246 3 30	3 mm	0.8 mm	0.45 mm	0.3 mm	30 mm	200 PCS
1246 3 32	3 mm	0.8 mm	0.45 mm	0.3 mm	32 mm	100 PCS
1246 3 40	3 mm	0.8 mm	0.45 mm	0.3 mm	40 mm	200 PCS
1246 4 8	4 mm	1 mm	0.6 mm	0.4 mm	8 mm	100 PCS
1246 4 10	4 mm	1 mm	0.6 mm	0.4 mm	10 mm	100 PCS
1246 4 12	4 mm	1 mm	0.6 mm	0.4 mm	12 mm	100 PCS
1246 4 14	4 mm	1 mm	0.6 mm	0.4 mm	14 mm	100 PCS
1246 4 16	4 mm	1 mm	0.6 mm	0.4 mm	16 mm	100 PCS
1246 4 18	4 mm	1 mm	0.6 mm	0.4 mm	18 mm	100 PCS
1246 4 20	4 mm	1 mm	0.6 mm	0.4 mm	20 mm	100 PCS
1246 4 24	4 mm	1 mm	0.6 mm	0.4 mm	24 mm	100 PCS
1246 4 28	4 mm	1 mm	0.6 mm	0.4 mm	28 mm	200 PCS
1246 4 30	4 mm	1 mm	0.6 mm	0.4 mm	30 mm	200 PCS
1246 4 32	4 mm	1 mm	0.6 mm	0.4 mm	32 mm	100 PCS
1246 4 36	4 mm	1 mm	0.6 mm	0.4 mm	36 mm	200 PCS
1246 4 40	4 mm	1 mm	0.6 mm	0.4 mm	40 mm	100 PCS
1246 4 50	4 mm	1 mm	0.6 mm	0.4 mm	50 mm	200 PCS
1246 5 8	5 mm	1.2 mm	0.75 mm	0.5 mm	8 mm	500 PCS
1246 5 10	5 mm	1.2 mm	0.75 mm	0.5 mm	10 mm	100 PCS
1246 5 12	5 mm	1.2 mm	0.75 mm	0.5 mm	12 mm	100 PCS
1246 5 14	5 mm	1.2 mm	0.75 mm	0.5 mm	14 mm	100 PCS
1246 5 16	5 mm	1.2 mm	0.75 mm	0.5 mm	16 mm	100 PCS
1246 5 18	5 mm	1.2 mm	0.75 mm	0.5 mm	18 mm	100 PCS
1246 5 20	5 mm	1.2 mm	0.75 mm	0.5 mm	20 mm	100 PCS
1246 5 24	5 mm	1.2 mm	0.75 mm	0.5 mm	24 mm	100 PCS
1246 5 28	5 mm	1.2 mm	0.75 mm	0.5 mm	28 mm	25 PCS
1246 5 30	5 mm	1.2 mm	0.75 mm	0.5 mm	30 mm	500 PCS
1246 5 32	5 mm	1.2 mm	0.75 mm	0.5 mm	32 mm	25 PCS
1246 5 36	5 mm	1.2 mm	0.75 mm	0.5 mm	36 mm	25 PCS
1246 5 40	5 mm	1.2 mm	0.75 mm	0.5 mm	40 mm	25 PCS
1246 5 45	5 mm	1.2 mm	0.75 mm	0.5 mm	45 mm	100 PCS
1246 5 50	5 mm	1.2 mm	0.75 mm	0.5 mm	50 mm	25 PCS
1246 5 60	5 mm	1.2 mm	0.75 mm	0.5 mm	60 mm	100 PCS
1246 6 10	6 mm	1.5 mm	0.9 mm	0.6 mm	10 mm	100 PCS
1246 6 12	6 mm	1.5 mm	0.9 mm	0.6 mm	12 mm	100 PCS
1246 6 14	6 mm	1.5 mm	0.9 mm	0.6 mm	14 mm	500 PCS
1246 6 16	6 mm	1.5 mm	0.9 mm	0.6 mm	16 mm	100 PCS
1246 6 18	6 mm	1.5 mm	0.9 mm	0.6 mm	18 mm	100 PCS
1246 6 20	6 mm	1.5 mm	0.9 mm	0.6 mm	20 mm	100 PCS
1246 6 24	6 mm	1.5 mm	0.9 mm	0.6 mm	24 mm	100 PCS

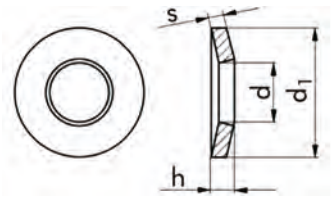
Art. No.	Diameter (d)	Chamfer length (l1)	Height of flat point (z1)	Height of flat point 2 (z2)	Length (l)	Packaging unit (VPE)
1246 6 28	6 mm	1.5 mm	0.9 mm	0.6 mm	28 mm	100 PCS
1246 6 30	6 mm	1.5 mm	0.9 mm	0.6 mm	30 mm	100 PCS
1246 6 32	6 mm	1.5 mm	0.9 mm	0.6 mm	32 mm	25 PCS
1246 6 36	6 mm	1.5 mm	0.9 mm	0.6 mm	36 mm	25 PCS
1246 6 40	6 mm	1.5 mm	0.9 mm	0.6 mm	40 mm	25 PCS
1246 6 45	6 mm	1.5 mm	0.9 mm	0.6 mm	45 mm	100 PCS
1246 6 50	6 mm	1.5 mm	0.9 mm	0.6 mm	50 mm	25 PCS
1246 6 60	6 mm	1.5 mm	0.9 mm	0.6 mm	60 mm	25 PCS
1246 6 70	6 mm	1.5 mm	0.9 mm	0.6 mm	70 mm	50 PCS
1246 6 80	6 mm	1.5 mm	0.9 mm	0.6 mm	80 mm	50 PCS
1246 6 90	6 mm	1.5 mm	0.9 mm	0.6 mm	90 mm	50 PCS
1246 8 16	8 mm	1.8 mm	1.2 mm	0.8 mm	16 mm	25 PCS
1246 8 18	8 mm	1.8 mm	1.2 mm	0.8 mm	18 mm	25 PCS
1246 8 20	8 mm	1.8 mm	1.2 mm	0.8 mm	20 mm	25 PCS
1246 8 24	8 mm	1.8 mm	1.2 mm	0.8 mm	24 mm	25 PCS
1246 8 28	8 mm	1.8 mm	1.2 mm	0.8 mm	28 mm	25 PCS
1246 8 30	8 mm	1.8 mm	1.2 mm	0.8 mm	30 mm	50 PCS
1246 8 32	8 mm	1.8 mm	1.2 mm	0.8 mm	32 mm	25 PCS
1246 8 36	8 mm	1.8 mm	1.2 mm	0.8 mm	36 mm	25 PCS
1246 8 40	8 mm	1.8 mm	1.2 mm	0.8 mm	40 mm	25 PCS
1246 8 45	8 mm	1.8 mm	1.2 mm	0.8 mm	45 mm	25 PCS
1246 8 50	8 mm	1.8 mm	1.2 mm	0.8 mm	50 mm	25 PCS
1246 8 60	8 mm	1.8 mm	1.2 mm	0.8 mm	60 mm	25 PCS
1246 8 70	8 mm	1.8 mm	1.2 mm	0.8 mm	70 mm	25 PCS
1246 8 80	8 mm	1.8 mm	1.2 mm	0.8 mm	80 mm	25 PCS
1246 8 100	8 mm	1.8 mm	1.2 mm	0.8 mm	100 mm	50 PCS
1246 10 20	10 mm	2 mm	1.5 mm	1 mm	20 mm	25 PCS
1246 10 24	10 mm	2 mm	1.5 mm	1 mm	24 mm	200 PCS
1246 10 28	10 mm	2 mm	1.5 mm	1 mm	28 mm	200 PCS
1246 10 30	10 mm	2 mm	1.5 mm	1 mm	30 mm	50 PCS
1246 10 32	10 mm	2 mm	1.5 mm	1 mm	32 mm	25 PCS
1246 10 36	10 mm	2 mm	1.5 mm	1 mm	36 mm	25 PCS
1246 10 40	10 mm	2 mm	1.5 mm	1 mm	40 mm	25 PCS
1246 10 50	10 mm	2 mm	1.5 mm	1 mm	50 mm	25 PCS
1246 10 60	10 mm	2 mm	1.5 mm	1 mm	60 mm	25 PCS
1246 10 70	10 mm	2 mm	1.5 mm	1 mm	70 mm	25 PCS
1246 10 80	10 mm	2 mm	1.5 mm	1 mm	80 mm	25 PCS
1246 10 90	10 mm	2 mm	1.5 mm	1 mm	90 mm	25 PCS
1246 10 100	10 mm	2 mm	1.5 mm	1 mm	100 mm	25 PCS
1246 12 20	12 mm	2.5 mm	1.8 mm	1.3 mm	20 mm	200 PCS
1246 12 24	12 mm	2.5 mm	1.8 mm	1.3 mm	24 mm	200 PCS
1246 12 28	12 mm	2.5 mm	1.8 mm	1.3 mm	28 mm	200 PCS
1246 12 30	12 mm	2.5 mm	1.8 mm	1.3 mm	30 mm	50 PCS
1246 12 32	12 mm	2.5 mm	1.8 mm	1.3 mm	32 mm	25 PCS
1246 12 36	12 mm	2.5 mm	1.8 mm	1.3 mm	36 mm	50 PCS
1246 12 40	12 mm	2.5 mm	1.8 mm	1.3 mm	40 mm	25 PCS
1246 12 45	12 mm	2.5 mm	1.8 mm	1.3 mm	45 mm	25 PCS
1246 12 50	12 mm	2.5 mm	1.8 mm	1.3 mm	50 mm	25 PCS
1246 12 60	12 mm	2.5 mm	1.8 mm	1.3 mm	60 mm	25 PCS
1246 12 70	12 mm	2.5 mm	1.8 mm	1.3 mm	70 mm	25 PCS
1246 12 80	12 mm	2.5 mm	1.8 mm	1.3 mm	80 mm	25 PCS
1246 12 90	12 mm	2.5 mm	1.8 mm	1.3 mm	90 mm	25 PCS
1246 12 100	12 mm	2.5 mm	1.8 mm	1.3 mm	100 mm	25 PCS
1246 12 120	12 mm	2.5 mm	1.8 mm	1.3 mm	120 mm	25 PCS

Spring washers DIN 6796, galv

Product description:
Spring washers are friction-locking, spring-loaded components for connections with bolts from strength classes 8.8 to 10.9.

DIN: 6796
Material: Spring steel
Surface: Mechanically galvanised





Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Washer thickness (s)	Height (h)	Packaging unit (VPE)
0413 26	M6	6.4 mm	14 mm	1.5 mm	2 mm	200 PCS
0413 28	M8	8.4 mm	18 mm	2 mm	2.6 mm	200 PCS
0413 210	M10	10.5 mm	23 mm	2.5 mm	3.2 mm	200 PCS
0413 212	M12	13 mm	29 mm	3 mm	3.95 mm	200 PCS
0413 216	M16	17 mm	39 mm	4 mm	5.25 mm	100 PCS
0413 220	M20	21 mm	45 mm	5 mm	6.4 mm	50 PCS
0413 224	M24	25 mm	56 mm	6 mm	7.75 mm	50 PCS

Nord-Lock lock washer pairs

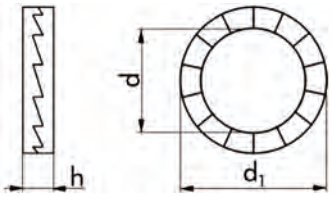
Product description:
The Nord-Lock lock washers have wedge surfaces on one side with a cam angle greater than the pitch angle of the bolt thread. Radial teeth can be found on the opposite side. The washers are supplied in pairs with the wedge surfaces glued to one another. When the bolt and/or nut is tightened, the opposing wedge surfaces and the external radial teeth create a seal with the surrounding material. Movement is only possible between the wedge surfaces. Any attempt from the bolt/nut to rotate loose, for example due to vibration, is blocked by the wedge effect creating increased pre-load. The connection can be loosened manually once the increased pre-load is overcome.



Advantages:
- Maximum safety against working loose from vibrations and dynamic loads
- Easy installation and removal using standard tools
- Can be used up to bolt grade 12.9
- Can be used in same temperature range as the bolt
- The connection can be unscrewed and secured again at any time

- Reusable

DIN: 25201
Material: Steel
Surface: Flake zinc
Version: Washers glued in pairs



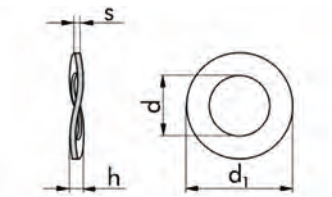
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0435 04	M4	4.4 mm	9 mm	1.8 mm	200 PCS
0435 05	M5	5.4 mm	9 mm	1.8 mm	200 PCS
0435 06	M6	6.5 mm	10.8 mm	1.8 mm	200 PCS
0435 08	M8	8.7 mm	13.5 mm	2.5 mm	100 PCS
0435 010	M10	10.7 mm	16.6 mm	2.5 mm	50 PCS
0435 012	M12	13 mm	19.5 mm	2.5 mm	50 PCS
0435 014	M14	15.2 mm	23 mm	3.4 mm	25 PCS
0435 016	M16	17 mm	25.4 mm	3.4 mm	25 PCS
0435 020	M20	21.4 mm	30.7 mm	3.4 mm	25 PCS
0435 024	M24	25.3 mm	39 mm	3.4 mm	25 PCS

Spring lock washer, DIN 137, galvanised

Product description:
Spring lock washers are friction-locking, spring-loaded fastening components that operate via an axial spring system.

DIN: 137
Material: Spring steel
Surface: Galvanised
Form: B
Version: Corrugated





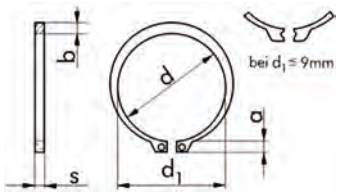
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Washer thickness (s)	Height (h)	Packaging unit (VPE)
0435 4	M4	4.3 mm	9 mm	0.5 mm	1 mm	200 PCS
0435 5	M5	5.3 mm	11 mm	0.5 mm	1.1 mm	200 PCS
0435 6	M6	6.4 mm	12 mm	0.5 mm	1.3 mm	200 PCS
0435 8	M8	8.4 mm	15 mm	0.8 mm	1.5 mm	200 PCS

Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Washer thickness (s)	Height (h)	Packaging unit (VPE)
0435 10	M10	10.5 mm	21 mm	1 mm	2.1 mm	200 PCS
0435 12	M12	13 mm	24 mm	1.2 mm	2.5 mm	200 PCS

Circlip for shafts, DIN 471, plain

DIN: 471
Material: Spring steel
Surface: Bare
Version: For waves





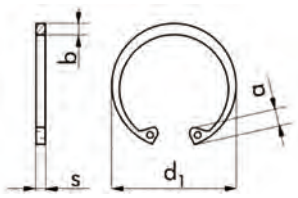
Art. No.	Diameter (d1)	Thickness (s)	Internal diameter (d)	Width (a)	Width 2 (b)	Packaging unit (VPE)
0438 4	3.7 mm	0.4 mm	4 mm	2.2 mm	0.9 mm	100 PCS
0438 5	4.7 mm	0.6 mm	5 mm	2.5 mm	1.1 mm	100 PCS
0438 6	5.6 mm	0.7 mm	6 mm	2.7 mm	1.3 mm	100 PCS
0438 7	6.5 mm	0.8 mm	7 mm	3.1 mm	1.4 mm	100 PCS
0438 8	7.4 mm	0.8 mm	8 mm	3.2 mm	1.5 mm	100 PCS
0438 9	8.4 mm	1 mm	9 mm	3.3 mm	1.7 mm	100 PCS
0438 10	9.3 mm	1 mm	10 mm	3.3 mm	1.8 mm	100 PCS
0438 11	10.2 mm	1 mm	11 mm	3.3 mm	1.8 mm	100 PCS
0438 12	11 mm	1 mm	12 mm	3.3 mm	1.8 mm	100 PCS
0438 13	11.9 mm	1 mm	13 mm	3.4 mm	1 mm	100 PCS
0438 14	12.9 mm	1 mm	14 mm	3.5 mm	2.1 mm	100 PCS
0438 15	13.8 mm	1 mm	15 mm	3.6 mm	2.2 mm	100 PCS
0438 16	14.7 mm	1 mm	16 mm	3.7 mm	2.2 mm	100 PCS
0438 17	15.7 mm	1 mm	17 mm	3.8 mm	2.3 mm	100 PCS
0438 18	16.5 mm	1.2 mm	18 mm	3.9 mm	2.5 mm	100 PCS
0438 19	17.5 mm	1.2 mm	19 mm	3.9 mm	2.5 mm	50 PCS
0438 20	18.5 mm	1.2 mm	20 mm	4 mm	2.6 mm	50 PCS
0438 22	20.5 mm	1.2 mm	22 mm	4.2 mm	2.8 mm	50 PCS
0438 24	22.2 mm	1.2 mm	24 mm	4.4 mm	3 mm	50 PCS
0438 25	23.2 mm	1.2 mm	25 mm	4.4 mm	3 mm	50 PCS
0438 26	24.2 mm	1.2 mm	26 mm	4.4 mm	3.1 mm	50 PCS
0438 28	25.9 mm	1.5 mm	28 mm	4.7 mm	3.2 mm	50 PCS
0438 30	27.9 mm	1.5 mm	30 mm	5 mm	3.5 mm	50 PCS
0438 32	29.6 mm	1.5 mm	32 mm	5.2 mm	3.6 mm	50 PCS
0438 34	31.5 mm	1.5 mm	34 mm	5.4 mm	3.8 mm	25 PCS

Art. No.	Diameter (d1)	Thickness (s)	Internal diameter (d)	Width (a)	Width 2 (b)	Packaging unit (VPE)
0438 35	32.2 mm	1.5 mm	35 mm	5.6 mm	3.9 mm	25 PCS
0438 36	33.2 mm	1.75 mm	36 mm	5.6 mm	4 mm	25 PCS
0438 38	35.2 mm	1.75 mm	38 mm	5.8 mm	4.2 mm	25 PCS
0438 40	36.5 mm	1.75 mm	40 mm	6 mm	4.4 mm	25 PCS
0438 42	38.5 mm	1.75 mm	42 mm	6.5 mm	4.5 mm	25 PCS
0438 45	41.5 mm	1.75 mm	45 mm	6.7 mm	4.7 mm	25 PCS
0438 48	44.5 mm	1.75 mm	48 mm	6.9 mm	5 mm	25 PCS
0438 50	45.8 mm	2 mm	50 mm	6.9 mm	5.1 mm	10 PCS
0438 55	50.8 mm	2 mm	55 mm	7.2 mm	5.4 mm	10 PCS
0438 60	55.8 mm	2 mm	60 mm	7.4 mm	5.8 mm	10 PCS
0438 70	65.5 mm	2.5 mm	70 mm	8.1 mm	6.6 mm	10 PCS

Circlip for bore holes, DIN 472, plain

DIN: 472
Material: Spring steel
Surface: Bare
Version: For drilling





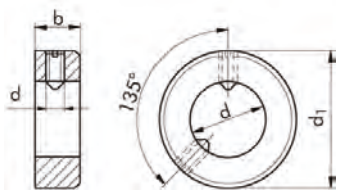
Art. No.	Diameter (d1)	Thickness (s)	Internal diameter (d)	Width (a)	Width 2 (b)	Packaging unit (VPE)
0439 8	8.7 mm	0.8 mm	8 mm	2.4 mm	1.1 mm	50 PCS
0439 9	9.8 mm	0.8 mm	9 mm	2.5 mm	1.3 mm	50 PCS
0439 10	10.8 mm	1 mm	10 mm	3.2 mm	1.4 mm	50 PCS
0439 11	11.8 mm	1 mm	11 mm	3.3 mm	1.5 mm	50 PCS
0439 12	13 mm	1 mm	12 mm	3.4 mm	1.7 mm	50 PCS
0439 13	14.1 mm	1 mm	13 mm	3.6 mm	1.8 mm	50 PCS
0439 14	15.1 mm	1 mm	14 mm	3.7 mm	1.9 mm	50 PCS
0439 15	16.2 mm	1 mm	15 mm	3.7 mm	2 mm	50 PCS
0439 16	17.3 mm	1 mm	16 mm	3.8 mm	2 mm	50 PCS
0439 17	18.3 mm	1 mm	17 mm	3.9 mm	2.1 mm	50 PCS
0439 18	19.5 mm	1 mm	18 mm	4.1 mm	2.2 mm	50 PCS
0439 19	20.5 mm	1 mm	19 mm	4.1 mm	2.2 mm	50 PCS
0439 20	21.5 mm	1 mm	20 mm	4.2 mm	2.3 mm	50 PCS
0439 21	22.5 mm	1 mm	21 mm	4.2 mm	2.4 mm	50 PCS
0439 22	23.5 mm	1 mm	22 mm	4.2 mm	2.5 mm	50 PCS
0439 24	25.9 mm	1.2 mm	24 mm	4.4 mm	2.6 mm	50 PCS

Art. No.	Diameter (d1)	Thickness (s)	Internal diameter (d)	Width (a)	Width 2 (b)	Packaging unit (VPE)
0439 25	26.9 mm	1.2 mm	25 mm	4.5 mm	2.7 mm	50 PCS
0439 26	27.9 mm	1.2 mm	26 mm	4.7 mm	2.8 mm	50 PCS
0439 28	30.1 mm	1.2 mm	28 mm	4.8 mm	2.9 mm	50 PCS
0439 30	32.1 mm	1.2 mm	30 mm	4.8 mm	3 mm	50 PCS
0439 31	33.4 mm	1.2 mm	31 mm	4.8 mm	3 mm	50 PCS
0439 32	34.4 mm	1.2 mm	32 mm	5.4 mm	3.2 mm	50 PCS
0439 34	36.5 mm	1.5 mm	34 mm	5.4 mm	3.3 mm	50 PCS
0439 35	37.8 mm	1.5 mm	35 mm	5.4 mm	3.4 mm	50 PCS
0439 36	38.8 mm	1.5 mm	36 mm	5.4 mm	3.5 mm	50 PCS
0439 37	39.8 mm	1.6 mm	37 mm	5.5 mm	3.6 mm	50 PCS
0439 38	40.8 mm	1.5 mm	38 mm	5.5 mm	3.7 mm	50 PCS
0439 40	43.5 mm	1.75 mm	40 mm	5.8 mm	3.9 mm	25 PCS
0439 42	45.5 mm	1.75 mm	42 mm	5.9 mm	4.1 mm	25 PCS
0439 45	48.5 mm	1.75 mm	45 mm	6.2 mm	4.3 mm	25 PCS
0439 47	50.5 mm	1.75 mm	47 mm	6.4 mm	4.4 mm	25 PCS
0439 48	51.1 mm	1.75 mm	48 mm	6.4 mm	4.5 mm	25 PCS
0439 50	54.2 mm	2 mm	50 mm	6.5 mm	4.6 mm	10 PCS
0439 52	56.2 mm	2 mm	52 mm	6.7 mm	4.7 mm	10 PCS
0439 55	59.2 mm	2 mm	55 mm	6.8 mm	5 mm	10 PCS
0439 56	60.2 mm	2 mm	56 mm	6.8 mm	5.1 mm	10 PCS
0439 58	62.2 mm	2 mm	58 mm	6.9 mm	5.2 mm	10 PCS
0439 60	64.2 mm	2 mm	60 mm	7.3 mm	5.4 mm	10 PCS
0439 62	66.2 mm	2 mm	62 mm	7.3 mm	5.5 mm	10 PCS
0439 63	67.2 mm	2 mm	63 mm	7.3 mm	5.5 mm	10 PCS
0439 65	69.2 mm	2.5 mm	65 mm	7.6 mm	5.8 mm	10 PCS
0439 68	72.5 mm	2.5 mm	68 mm	7.8 mm	6.1 mm	10 PCS
0439 70	74.5 mm	2.5 mm	70 mm	7.8 mm	6.2 mm	10 PCS
0439 72	76.5 mm	2.5 mm	72 mm	7.8 mm	6.4 mm	10 PCS
0439 75	79.5 mm	2.5 mm	75 mm	7.8 mm	6.6 mm	10 PCS
0439 80	85.5 mm	2.5 mm	80 mm	8.5 mm	7 mm	10 PCS
0439 85	90.5 mm	3 mm	85 mm	8.6 mm	7.2 mm	10 PCS
0439 90	95.5 mm	3 mm	90 mm	8.6 mm	7.6 mm	10 PCS
0439 95	100.5 mm	3 mm	95 mm	8.8 mm	8.1 mm	10 PCS
0439 110	117 mm	4 mm	110 mm	10.4 mm	9 mm	10 PCS

Adjusting ring with set screw, DIN 705, plain

DIN: 705
Material: Steel
Surface: Bare
Form: A
Version: With set screw
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d2)	Width (b)	Internal diameter (d)	Outer diameter (d1)	Nominal diameter	Packaging unit (VPE)
0442 03	M2	5 mm	3 mm	7 mm	2 mm	100 PCS
0442 04	M2.5	5 mm	4 mm	8 mm	2.5 mm	100 PCS
0442 05	M3	6 mm	5 mm	10 mm	3 mm	100 PCS
0442 06	M4	8 mm	6 mm	12 mm	4 mm	100 PCS
0442 08	M4	8 mm	8 mm	16 mm	4 mm	100 PCS
0442 010	M5	10 mm	10 mm	20 mm	5 mm	100 PCS
0442 012	M6	12 mm	12 mm	22 mm	6 mm	50 PCS
0442 015	M6	12 mm	15 mm	25 mm	6 mm	50 PCS
0442 020	M6	14 mm	20 mm	32 mm	6 mm	50 PCS
0442 025	M8	16 mm	25 mm	40 mm	8 mm	50 PCS

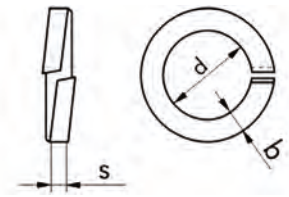
Lock washer, DIN 7980, galvanised

Product description:
DIN 7980 split washers differ from DIN 127 due to their smaller external diameter. Therefore, they fit the small head of cheese-head and hexagon socket screws (DIN 84, 85, 912) and are especially well-suited to countersinking applications.

Field of Application:
Only suitable for bolts of strength class ≤ 5.8. For higher strength classes, Schnorr lock washers (item no. 0493/0493 0) or Nord-Lock lock washers (item no. 0435 0) should be used.

Suitable for: Cylinder screws
DIN: 7980
Material: Spring steel
Surface: Galvanised





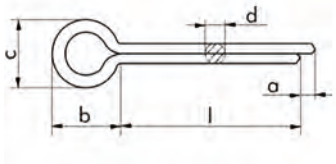
Art. No.	Suitable for screw	Diameter (d)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
0443 3	M3	3.1 mm	5.6 mm	1.0 mm	1.0 mm	200 PCS
0443 4	M4	4.1 mm	7.0 mm	1.2 mm	1.2 mm	200 PCS
0443 5	M5	5.1 mm	8.8 mm	1.6 mm	1.6 mm	200 PCS
0443 6	M6	6.1 mm	9.9 mm	1.6 mm	1.6 mm	200 PCS
0443 8	M8	8.1 mm	12.7 mm	2.0 mm	2.0 mm	200 PCS
0443 10	M10	10.2 mm	16.0 mm	2.5 mm	2.5 mm	100 PCS
0443 12	M12	12.2 mm	18.0 mm	2.5 mm	2.5 mm	100 PCS
0443 16	M16	16.2 mm	24.4 mm	3.5 mm	3.5 mm	25 PCS

Split pin, DIN 94, galvanised

Field of Application:
For securing castellated nuts in conjunction with bolts or threaded pins with split pin hole.
For securing split pin bolts.

DIN: 94
Material: Steel
Surface: Galvanised



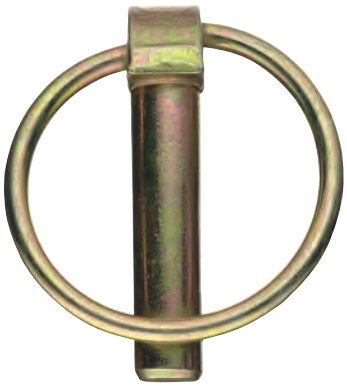


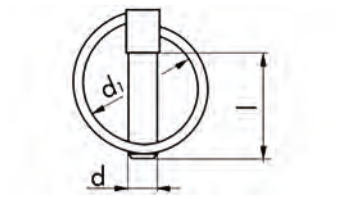
Art. No.	Diameter (d)	Length of head (b)	Length (l)	Width of head (c)	Length between two pins of a splint (a)	Packaging unit (VPE)
0470 1 20	1 mm	3 mm	20 mm	1.8 mm	1.6 mm	1000 PCS
0470 1 32	1 mm	3 mm	32 mm	1.8 mm	1.6 mm	1000 PCS
0470 16 20	1.6 mm	3.2 mm	20 mm	2.8 mm	2.5 mm	1000 PCS
0470 16 32	1.6 mm	3.2 mm	32 mm	2.8 mm	2.5 mm	1000 PCS
0470 2 20	2 mm	5 mm	20 mm	4.6 mm	2.5 mm	1000 PCS
0470 2 25	2 mm	5 mm	25 mm	4.6 mm	2.5 mm	1000 PCS
0470 2 32	2 mm	5 mm	32 mm	4.6 mm	2.5 mm	1000 PCS
0470 2 40	2 mm	5 mm	40 mm	4.6 mm	2.5 mm	1000 PCS
0470 25 20	2.5 mm	5 mm	20 mm	4.6 mm	2.5 mm	1000 PCS
0470 25 25	2.5 mm	5 mm	25 mm	4.6 mm	2.5 mm	1000 PCS
0470 25 32	2.5 mm	5 mm	32 mm	4.6 mm	2.5 mm	1000 PCS
0470 25 40	2.5 mm	5 mm	40 mm	4.6 mm	2.5 mm	1000 PCS
0470 32 20	3.2 mm	6.4 mm	20 mm	5.8 mm	3.2 mm	500 PCS
0470 32 25	3.2 mm	6.4 mm	25 mm	5.8 mm	3.2 mm	500 PCS
0470 32 32	3.2 mm	6.4 mm	32 mm	5.8 mm	3.2 mm	500 PCS
0470 32 40	3.2 mm	6.4 mm	40 mm	5.8 mm	3.2 mm	500 PCS
0470 32 50	3.2 mm	6.4 mm	50 mm	5.8 mm	3.2 mm	500 PCS
0470 32 63	3.2 mm	6.4 mm	63 mm	5.8 mm	3.2 mm	250 PCS
0470 35 30	3.5 mm	7 mm	30 mm	6.4 mm	3.2 mm	250 PCS
0470 35 40	3.5 mm	7 mm	40 mm	6.4 mm	3.2 mm	250 PCS
0470 35 50	3.5 mm	7 mm	50 mm	6.4 mm	3.2 mm	250 PCS
0470 35 60	3.5 mm	7 mm	60 mm	6.4 mm	3.2 mm	250 PCS
0470 4 25	4 mm	8 mm	25 mm	7.4 mm	4 mm	500 PCS
0470 4 32	4 mm	8 mm	32 mm	7.4 mm	4 mm	500 PCS
0470 4 36	4 mm	8 mm	36 mm	7.4 mm	4 mm	500 PCS
0470 4 40	4 mm	8 mm	40 mm	7.4 mm	4 mm	500 PCS
0470 4 50	4 mm	8 mm	50 mm	7.4 mm	4 mm	500 PCS
0470 4 63	4 mm	8 mm	63 mm	7.4 mm	4 mm	250 PCS
0470 4 71	4 mm	8 mm	71 mm	7.4 mm	4 mm	250 PCS
0470 45 40	4.5 mm	9 mm	40 mm	8.5 mm	4 mm	250 PCS
0470 45 50	4.5 mm	9 mm	50 mm	8.5 mm	4 mm	250 PCS
0470 5 32	5 mm	10 mm	32 mm	9.2 mm	4 mm	250 PCS
0470 5 40	5 mm	10 mm	40 mm	9.2 mm	4 mm	250 PCS
0470 5 50	5 mm	10 mm	50 mm	9.2 mm	4 mm	250 PCS
0470 5 63	5 mm	10 mm	63 mm	9.2 mm	4 mm	250 PCS
0470 5 71	5 mm	10 mm	71 mm	9.2 mm	4 mm	250 PCS
0470 5 80	5 mm	10 mm	80 mm	9.2 mm	4 mm	250 PCS
0470 63 40	6.3 mm	12.6 mm	40 mm	11.8 mm	4 mm	250 PCS
0470 63 50	6.3 mm	12.6 mm	50 mm	11.8 mm	4 mm	250 PCS

Art. No.	Diameter (d)	Length of head (b)	Length (l)	Width of head (c)	Length between two pins of a splint (a)	Packaging unit (VPE)
0470 63 63	6.3 mm	12.6 mm	63 mm	11.8 mm	4 mm	250 PCS
0470 63 71	6.3 mm	12.6 mm	71 mm	11.8 mm	4 mm	250 PCS
0470 63 80	6.3 mm	12.6 mm	80 mm	11.8 mm	4 mm	100 PCS
0470 63 100	6.3 mm	12.6 mm	100 mm	11.8 mm	4 mm	100 PCS
0470 8 50	8 mm	16 mm	50 mm	15 mm	4 mm	100 PCS
0470 8 63	8 mm	16 mm	63 mm	15 mm	4 mm	100 PCS
0470 8 71	8 mm	16 mm	71 mm	15 mm	4 mm	100 PCS
0470 8 80	8 mm	16 mm	80 mm	15 mm	4 mm	100 PCS
0470 8 100	8 mm	16 mm	100 mm	15 mm	4 mm	50 PCS
0470 8 125	8 mm	16 mm	125 mm	15 mm	4 mm	50 PCS
0470 10 80	10 mm	20 mm	80 mm	19 mm	6.3 mm	100 PCS
0470 10 100	10 mm	20 mm	100 mm	19 mm	6.3 mm	50 PCS
0470 10 125	10 mm	20 mm	125 mm	19 mm	6.3 mm	50 PCS

Linch pin, yellow galvanised

Material: Steel
Surface: Yellow galvanised





Art. No.	Stud diameter (d)	Bracket diameter (d1)	Length (l)	Packaging unit (VPE)
0472 45	4.5 mm	34 mm	34 mm	10 PCS
0472 6	6 mm	41 mm	42 mm	10 PCS
0472 8	8 mm	41 mm	42 mm	10 PCS
0472 10	10 mm	41 mm	42 mm	10 PCS
0472 11	11 mm	41 mm	42 mm	10 PCS

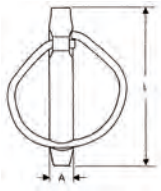
Safety linch pin, yellow galvanised

Product description:

- Safety catch
- Additional hole to mount the fastening chain

Length (l): 66 mm
Material: Steel
Surface: Galvanised thick film passivated
Version: With bore for receiving a safety chain



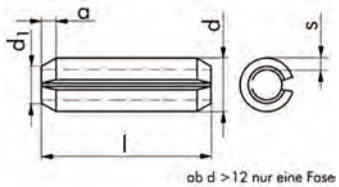


Art. No.	Stud diameter (a)	Packaging unit (VPE)
0472 975	7.5 mm	10 PCS
0472 995	9.5 mm	10 PCS
0472 910 5	10.5 mm	10 PCS
0472 911 5	11.5 mm	10 PCS

Wide clamping pin, ISO 8752 (DIN 1481), plain

ISO: 8752
Material: Spring steel
Surface: Bare
Version: Heavy





Art. No.	Thickness (s)	Outer diameter (d)	Internal diameter (d1)	Length (l)	Chamfer length (a)	Packaging unit (VPE)
0475 2 8	0.4 mm	2 mm	1.5 mm	8 mm	0.55 mm	100 PCS
0475 2 10	0.4 mm	2 mm	1.5 mm	10 mm	0.55 mm	100 PCS
0475 2 12	0.4 mm	2 mm	1.5 mm	12 mm	0.55 mm	100 PCS
0475 2 16	0.4 mm	2 mm	1.5 mm	16 mm	0.55 mm	100 PCS
0475 2 20	0.4 mm	2 mm	1.5 mm	20 mm	0.55 mm	100 PCS

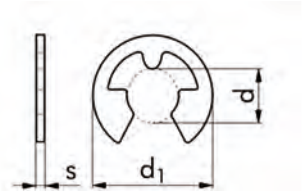
Art. No.	Thickness (s)	Outer diameter (d)	Internal diameter (d1)	Length (l)	Chamfer length (a)	Packaging unit (VPE)
0475 2 30	0.4 mm	2 mm	1.5 mm	30 mm	0.55 mm	100 PCS
0475 2 40	0.4 mm	2 mm	1.5 mm	40 mm	0.55 mm	100 PCS
0475 3 10	0.6 mm	3 mm	2.1 mm	10 mm	0.7 mm	100 PCS
0475 3 12	0.6 mm	3 mm	2.1 mm	12 mm	0.7 mm	100 PCS
0475 3 16	0.6 mm	3 mm	2.1 mm	16 mm	0.7 mm	100 PCS
0475 3 20	0.6 mm	3 mm	2.1 mm	20 mm	0.7 mm	100 PCS
0475 3 22	0.6 mm	3 mm	2.1 mm	22 mm	0.7 mm	100 PCS
0475 3 24	0.6 mm	3 mm	2.1 mm	24 mm	0.7 mm	100 PCS
0475 3 26	0.6 mm	3 mm	2.1 mm	26 mm	0.7 mm	100 PCS
0475 3 30	0.6 mm	3 mm	2.1 mm	30 mm	0.7 mm	100 PCS
0475 3 40	0.6 mm	3 mm	2.1 mm	40 mm	0.7 mm	100 PCS
0475 3 50	0.6 mm	3 mm	2.1 mm	50 mm	0.7 mm	50 PCS
0475 35 30	0.75 mm	3.5 mm	2.3 mm	30 mm	0.8 mm	50 PCS
0475 35 50	0.75 mm	3.5 mm	2.3 mm	50 mm	0.8 mm	50 PCS
0475 4 10	0.8 mm	4 mm	2.8 mm	10 mm	0.85 mm	100 PCS
0475 4 16	0.8 mm	4 mm	2.8 mm	16 mm	0.85 mm	100 PCS
0475 4 18	0.8 mm	4 mm	2.8 mm	18 mm	0.85 mm	100 PCS
0475 4 20	0.8 mm	4 mm	2.8 mm	20 mm	0.85 mm	100 PCS
0475 4 24	0.8 mm	4 mm	2.8 mm	24 mm	0.85 mm	100 PCS
0475 4 26	0.8 mm	4 mm	2.8 mm	26 mm	0.85 mm	100 PCS
0475 4 28	0.8 mm	4 mm	2.8 mm	28 mm	0.85 mm	50 PCS
0475 4 30	0.8 mm	4 mm	2.8 mm	30 mm	0.85 mm	50 PCS
0475 4 36	0.8 mm	4 mm	2.8 mm	36 mm	0.85 mm	50 PCS
0475 4 40	0.8 mm	4 mm	2.8 mm	40 mm	0.85 mm	50 PCS
0475 4 50	0.8 mm	4 mm	2.8 mm	50 mm	0.85 mm	50 PCS
0475 4 60	0.8 mm	4 mm	2.8 mm	60 mm	0.85 mm	50 PCS
0475 5 14	1 mm	5 mm	3.4 mm	14 mm	1.1 mm	50 PCS
0475 5 16	1 mm	5 mm	3.4 mm	16 mm	1.1 mm	50 PCS
0475 5 20	1 mm	5 mm	3.4 mm	20 mm	1.1 mm	50 PCS
0475 5 24	1 mm	5 mm	3.4 mm	24 mm	1.1 mm	50 PCS
0475 5 26	1 mm	5 mm	3.4 mm	26 mm	1.1 mm	50 PCS
0475 5 28	1 mm	5 mm	3.4 mm	28 mm	1.1 mm	50 PCS
0475 5 30	1 mm	5 mm	3.4 mm	30 mm	1.1 mm	50 PCS
0475 5 36	1 mm	5 mm	3.4 mm	36 mm	1.1 mm	50 PCS
0475 5 40	1 mm	5 mm	3.4 mm	40 mm	1.1 mm	50 PCS
0475 5 45	1 mm	5 mm	3.4 mm	45 mm	1.1 mm	50 PCS
0475 5 50	1 mm	5 mm	3.4 mm	50 mm	1.1 mm	50 PCS
0475 5 60	1 mm	5 mm	3.4 mm	60 mm	1.1 mm	50 PCS
0475 5 70	1 mm	5 mm	3.4 mm	70 mm	1.1 mm	50 PCS
0475 5 80	1 mm	5 mm	3.4 mm	80 mm	1.1 mm	50 PCS
0475 6 16	1.2 mm	6 mm	4 mm	16 mm	1.4 mm	50 PCS
0475 6 20	1.2 mm	6 mm	4 mm	20 mm	1.4 mm	50 PCS
0475 6 24	1.2 mm	6 mm	4 mm	24 mm	1.4 mm	50 PCS
0475 6 26	1.2 mm	6 mm	4 mm	26 mm	1.4 mm	50 PCS
0475 6 30	1.2 mm	6 mm	4 mm	30 mm	1.4 mm	50 PCS
0475 6 32	1.2 mm	6 mm	4 mm	32 mm	1.4 mm	50 PCS
0475 6 36	1.2 mm	6 mm	4 mm	36 mm	1.4 mm	50 PCS
0475 6 40	1.2 mm	6 mm	4 mm	40 mm	1.4 mm	50 PCS
0475 6 50	1.2 mm	6 mm	4 mm	50 mm	1.4 mm	50 PCS
0475 6 60	1.2 mm	6 mm	4 mm	60 mm	1.4 mm	50 PCS
0475 6 70	1.2 mm	6 mm	4 mm	70 mm	1.4 mm	50 PCS
0475 6 80	1.2 mm	6 mm	4 mm	80 mm	1.4 mm	50 PCS
0475 6 100	1.2 mm	6 mm	4 mm	100 mm	1.4 mm	50 PCS
0475 7 40	1.5 mm	7 mm	5.5 mm	40 mm	2 mm	50 PCS
0475 7 50	1.5 mm	7 mm	5.5 mm	50 mm	2 mm	50 PCS
0475 7 60	1.5 mm	7 mm	5.5 mm	60 mm	2 mm	50 PCS
0475 7 70	1.5 mm	7 mm	5.5 mm	70 mm	2 mm	50 PCS
0475 7 80	1.5 mm	7 mm	5.5 mm	80 mm	2 mm	50 PCS

Art. No.	Thickness (s)	Outer diameter (d)	Internal diameter (d1)	Length (l)	Chamfer length (a)	Packaging unit (VPE)
0475 8 20	1.5 mm	8 mm	5.5 mm	20 mm	2 mm	50 PCS
0475 8 24	1.5 mm	8 mm	5.5 mm	24 mm	2 mm	50 PCS
0475 8 30	1.5 mm	8 mm	5.5 mm	30 mm	2 mm	50 PCS
0475 8 36	1.5 mm	8 mm	5.5 mm	36 mm	2 mm	50 PCS
0475 8 40	1.5 mm	8 mm	5.5 mm	40 mm	2 mm	50 PCS
0475 8 50	1.5 mm	8 mm	5.5 mm	50 mm	2 mm	50 PCS
0475 8 60	1.5 mm	8 mm	5.5 mm	60 mm	2 mm	50 PCS
0475 8 70	1.5 mm	8 mm	5.5 mm	70 mm	2 mm	50 PCS
0475 8 80	1.5 mm	8 mm	5.5 mm	80 mm	2 mm	50 PCS
0475 8 100	1.5 mm	8 mm	5.5 mm	100 mm	2 mm	50 PCS
0475 10 30	2 mm	10 mm	6.5 mm	30 mm	2.4 mm	50 PCS
0475 10 40	2 mm	10 mm	6.5 mm	40 mm	2.4 mm	50 PCS
0475 10 50	2 mm	10 mm	6.5 mm	50 mm	2.4 mm	50 PCS
0475 10 60	2 mm	10 mm	6.5 mm	60 mm	2.4 mm	50 PCS
0475 10 70	2 mm	10 mm	6.5 mm	70 mm	2.4 mm	25 PCS
0475 10 80	2 mm	10 mm	6.5 mm	80 mm	2.4 mm	25 PCS
0475 10 100	2 mm	10 mm	6.5 mm	100 mm	2.4 mm	25 PCS
0475 12 40	2.5 mm	12 mm	7.5 mm	40 mm	2.4 mm	50 PCS
0475 12 50	2.5 mm	12 mm	7.5 mm	50 mm	2.4 mm	25 PCS
0475 12 60	2.5 mm	12 mm	7.5 mm	60 mm	2.4 mm	25 PCS
0475 12 80	2.5 mm	12 mm	7.5 mm	80 mm	2.4 mm	25 PCS
0475 12 100	2.5 mm	12 mm	7.5 mm	100 mm	2.4 mm	25 PCS
0475 14 80	3 mm	14 mm	8.5 mm	80 mm	2.4 mm	25 PCS

Lock washer, DIN 6799, spring steel, plane

DIN: 6799
Material: Spring steel
Surface: Bare
Version: For waves





Art. No.	Internal diameter (d)	Outer diameter (d1)	Thickness (s)	Packaging unit (VPE)
0490 19	1.9 mm	4.8 mm	0.5 mm	100 PCS
0490 23	2.3 mm	6.3 mm	0.6 mm	100 PCS
0490 32	3.2 mm	7.3 mm	0.6 mm	100 PCS
0490 4	4 mm	9.3 mm	0.7 mm	100 PCS

Art. No.	Internal diameter (d)	Outer diameter (d1)	Thickness (s)	Packaging unit (VPE)
0490 5	5 mm	11.3 mm	0.7 mm	100 PCS
0490 6	6 mm	12.3 mm	0.7 mm	100 PCS
0490 7	7 mm	14.3 mm	0.9 mm	100 PCS
0490 8	8 mm	16.3 mm	1 mm	100 PCS
0490 9	9 mm	18.8 mm	1.1 mm	100 PCS
0490 10	10 mm	20.4 mm	1.2 mm	50 PCS
0490 12	12 mm	23.4 mm	1.3 mm	50 PCS
0490 15	15 mm	29.4 mm	1.5 mm	25 PCS
0490 190	19 mm	37.6 mm	1.75 mm	25 PCS
0490 24	24 mm	44.6 mm	2 mm	10 PCS
0490 30	30 mm	52.6 mm	2.5 mm	10 PCS

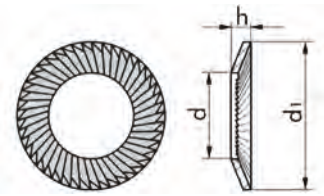
Schnorr lock washer S, plain

Product description:
The Belleville washer shape achieves optimum friction locking while at the same time the helical gearing achieves the best possible form fit.

Advantages:
- Very good protection against pretension loss and loosening of screw connection
- No rupturing or splintering when tightening

Material: Spring steel
Surface: Bare





Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0493 3	M3	3.2 mm	5.5 mm	0.9 mm	500 PCS
0493 4	M4	4.3 mm	7 mm	1 mm	500 PCS
0493 5	M5	5.3 mm	9 mm	1.1 mm	500 PCS
0493 6	M6	6.4 mm	10 mm	1.2 mm	500 PCS
0493 8	M8	8.4 mm	13 mm	1.4 mm	500 PCS
0493 10	M10	10.5 mm	16 mm	1.6 mm	100 PCS
0493 12	M12	13 mm	18 mm	1.7 mm	100 PCS
0493 14	M14	15 mm	22 mm	2 mm	100 PCS
0493 16	M16	17 mm	24 mm	2.1 mm	100 PCS
0493 20	M20	21 mm	30 mm	2.5 mm	50 PCS

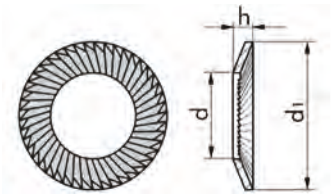
Schnorr lock washer S, galvanised

Product description:
The Belleville washer shape achieves optimum friction locking while at the same time the helical gearing achieves the best possible form fit.

Advantages:
- Very good protection against pretension loss and loosening of screw connection
- No rupturing or splintering when tightening

Material: Spring steel
Surface: Galvanised



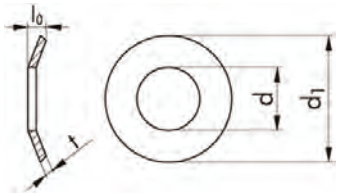


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0493 03	M3	3.2 mm	5.5 mm	0.9 mm	500 PCS
0493 04	M4	4.3 mm	7 mm	1 mm	500 PCS
0493 05	M5	5.3 mm	9 mm	1.1 mm	500 PCS
0493 06	M6	6.4 mm	10 mm	1.2 mm	500 PCS
0493 08	M8	8.4 mm	13 mm	1.4 mm	500 PCS
0493 010	M10	10.5 mm	16 mm	1.6 mm	100 PCS
0493 012	M12	13 mm	18 mm	1.7 mm	100 PCS
0493 016	M16	17 mm	24 mm	2.1 mm	100 PCS
0493 020	M20	21 mm	30 mm	2.5 mm	50 PCS

Belleville washers, DIN 2093, spring steel, plain

DIN: 2093
Material: Spring steel
Surface: Bare



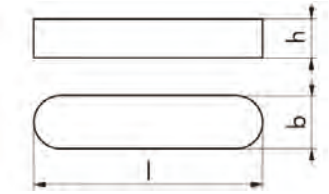


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Thickness (t)	Height (l)	Packaging unit (VPE)
2440 101 05	M5	5.2 mm	10 mm	0.5 mm	0.75 mm	100 PCS
2440 12 505	M5	5.2 mm	12 mm	0.5 mm	0.9 mm	100 PCS
2440 125 035	M6	6.2 mm	12.5 mm	0.35 mm	0.8 mm	100 PCS
2440 125 05	M6	6.2 mm	12.5 mm	0.5 mm	0.85 mm	100 PCS
2440 125 07	M6	6.2 mm	12.5 mm	0.7 mm	0.95 mm	100 PCS
2440 16 04	M8	8.2 mm	16 mm	0.4 mm	0.9 mm	100 PCS
2440 16 06	M8	8.2 mm	16 mm	0.6 mm	1.05 mm	100 PCS
2440 16 08	M8	8.2 mm	16 mm	0.8 mm	1.2 mm	100 PCS
2440 16 09	M8	8.2 mm	16 mm	0.9 mm	1.25 mm	100 PCS
2440 20 08	M10	10.2 mm	20 mm	0.8 mm	1.35 mm	100 PCS
2440 20 09	M10	10.2 mm	20 mm	0.9 mm	1.45 mm	100 PCS
2440 20 11	M10	10.2 mm	20 mm	1.1 mm	1.55 mm	100 PCS
2440 25 07	M12	12.2 mm	25 mm	0.7 mm	1.6 mm	50 PCS
2440 25 09	M12	12.2 mm	25 mm	0.9 mm	1.6 mm	50 PCS
2440 25 15	M12	12.2 mm	25 mm	1.5 mm	2.05 mm	25 PCS
2440 28 1	M14	14.2 mm	28 mm	1 mm	1.8 mm	25 PCS
2440 28 125	M14	14.2 mm	28 mm	1.25 mm	2.1 mm	25 PCS
2440 28 15	M14	14.2 mm	28 mm	1.5 mm	2.15 mm	25 PCS
2440 315 125	M16	16.3 mm	31.5 mm	1.25 mm	2.15 mm	25 PCS
2440 315 175	M16	16.3 mm	31.5 mm	1.75 mm	2.45 mm	25 PCS
2440 315 2	M16	16.3 mm	31.5 mm	2 mm	2.75 mm	25 PCS
2440 40 15	M20	20.4 mm	40 mm	1.5 mm	2.65 mm	10 PCS
2440 40 2	M20	20.4 mm	40 mm	2 mm	3.1 mm	10 PCS
2440 40 225	M20	20.4 mm	40 mm	2.25 mm	3.15 mm	10 PCS
2440 40 25	M20	20.4 mm	40 mm	2.5 mm	3.45 mm	10 PCS
2440 50 125	M24	25.4 mm	50 mm	1.25 mm	2.85 mm	10 PCS
2440 50 2	M24	25.4 mm	50 mm	2 mm	3.4 mm	10 PCS
2440 50 25	M24	25.4 mm	50 mm	2.5 mm	3.9 mm	10 PCS

Feather keys DIN 6885, C45K, plain

DIN: 6885
Material: Steel
Surface: Bare
Form: A





Art. No.	Width (b)	Height (h)	Length (l)	Packaging unit (VPE)
1477 3 10	3 mm	3 mm	10 mm	100 PCS
1477 3 12	3 mm	3 mm	12 mm	100 PCS
1477 3 14	3 mm	3 mm	14 mm	100 PCS
1477 3 16	3 mm	3 mm	16 mm	100 PCS
1477 3 20	3 mm	3 mm	20 mm	100 PCS
1477 3 25	3 mm	3 mm	25 mm	100 PCS
1477 4 10	4 mm	4 mm	10 mm	100 PCS
1477 4 12	4 mm	4 mm	12 mm	100 PCS
1477 4 14	4 mm	4 mm	14 mm	100 PCS
1477 4 16	4 mm	4 mm	16 mm	100 PCS
1477 4 18	4 mm	4 mm	18 mm	100 PCS
1477 4 20	4 mm	4 mm	20 mm	100 PCS
1477 4 22	4 mm	4 mm	22 mm	100 PCS
1477 4 25	4 mm	4 mm	25 mm	100 PCS
1477 4 28	4 mm	4 mm	28 mm	100 PCS
1477 4 32	4 mm	4 mm	32 mm	100 PCS
1477 5 510	5 mm	5 mm	10 mm	100 PCS
1477 5 512	5 mm	5 mm	12 mm	100 PCS
1477 5 514	5 mm	5 mm	14 mm	100 PCS
1477 5 516	5 mm	5 mm	16 mm	100 PCS
1477 5 518	5 mm	5 mm	18 mm	100 PCS
1477 5 520	5 mm	5 mm	20 mm	100 PCS
1477 5 522	5 mm	5 mm	22 mm	100 PCS
1477 5 525	5 mm	5 mm	25 mm	100 PCS
1477 5 528	5 mm	5 mm	28 mm	100 PCS
1477 5 530	5 mm	5 mm	30 mm	100 PCS
1477 5 532	5 mm	5 mm	32 mm	100 PCS
1477 5 536	5 mm	5 mm	36 mm	100 PCS
1477 5 540	5 mm	5 mm	40 mm	100 PCS
1477 5 545	5 mm	5 mm	45 mm	100 PCS
1477 5 550	5 mm	5 mm	50 mm	100 PCS
1477 6 616	6 mm	6 mm	16 mm	100 PCS
1477 6 618	6 mm	6 mm	18 mm	100 PCS
1477 6 620	6 mm	6 mm	20 mm	100 PCS
1477 6 625	6 mm	6 mm	25 mm	100 PCS
1477 6 628	6 mm	6 mm	28 mm	100 PCS
1477 6 630	6 mm	6 mm	30 mm	100 PCS
1477 6 632	6 mm	6 mm	32 mm	100 PCS
1477 6 636	6 mm	6 mm	36 mm	100 PCS
1477 6 640	6 mm	6 mm	40 mm	100 PCS
1477 6 645	6 mm	6 mm	45 mm	100 PCS
1477 6 650	6 mm	6 mm	50 mm	100 PCS
1477 6 656	6 mm	6 mm	56 mm	100 PCS
1477 6 660	6 mm	6 mm	60 mm	100 PCS
1477 6 663	6 mm	6 mm	63 mm	100 PCS
1477 6 670	6 mm	6 mm	70 mm	100 PCS
1477 8 716	8 mm	7 mm	16 mm	100 PCS
1477 8 718	8 mm	7 mm	18 mm	100 PCS
1477 8 720	8 mm	7 mm	20 mm	100 PCS
1477 8 722	8 mm	7 mm	22 mm	100 PCS
1477 8 725	8 mm	7 mm	25 mm	100 PCS
1477 8 728	8 mm	7 mm	28 mm	100 PCS
1477 8 730	8 mm	7 mm	30 mm	100 PCS
1477 8 732	8 mm	7 mm	32 mm	100 PCS
1477 8 735	8 mm	7 mm	35 mm	100 PCS
1477 8 736	8 mm	7 mm	36 mm	100 PCS
1477 8 740	8 mm	7 mm	40 mm	100 PCS
1477 8 745	8 mm	7 mm	45 mm	100 PCS

Art. No.	Width (b)	Height (h)	Length (l)	Packaging unit (VPE)
1477 8 750	8 mm	7 mm	50 mm	100 PCS
1477 8 756	8 mm	7 mm	56 mm	100 PCS
1477 8 760	8 mm	7 mm	60 mm	100 PCS
1477 8 763	8 mm	7 mm	63 mm	100 PCS
1477 8 770	8 mm	7 mm	70 mm	100 PCS
1477 8 780	8 mm	7 mm	80 mm	100 PCS
1477 8 790	8 mm	7 mm	90 mm	100 PCS
1477 8 710	8 mm	7 mm	100 mm	100 PCS
1477 8 711	8 mm	7 mm	110 mm	100 PCS
1477 10 20	10 mm	8 mm	20 mm	100 PCS
1477 10 25	10 mm	8 mm	25 mm	100 PCS
1477 10 32	10 mm	8 mm	32 mm	100 PCS
1477 10 36	10 mm	8 mm	36 mm	100 PCS
1477 10 40	10 mm	8 mm	40 mm	100 PCS
1477 10 45	10 mm	8 mm	45 mm	100 PCS
1477 10 50	10 mm	8 mm	50 mm	100 PCS
1477 10 56	10 mm	8 mm	56 mm	100 PCS
1477 10 60	10 mm	8 mm	60 mm	100 PCS
1477 10 63	10 mm	8 mm	63 mm	100 PCS
1477 10 70	10 mm	8 mm	70 mm	100 PCS
1477 10 80	10 mm	8 mm	80 mm	100 PCS
1477 10 90	10 mm	8 mm	90 mm	100 PCS
1477 10 100	10 mm	8 mm	100 mm	100 PCS
1477 10 110	10 mm	8 mm	110 mm	100 PCS
1477 12 20	12 mm	8 mm	20 mm	100 PCS
1477 12 25	12 mm	8 mm	25 mm	100 PCS
1477 12 32	12 mm	8 mm	32 mm	100 PCS
1477 12 36	12 mm	8 mm	36 mm	100 PCS
1477 12 40	12 mm	8 mm	40 mm	100 PCS
1477 12 45	12 mm	8 mm	45 mm	100 PCS
1477 12 50	12 mm	8 mm	50 mm	100 PCS
1477 12 56	12 mm	8 mm	56 mm	100 PCS
1477 12 63	12 mm	8 mm	63 mm	100 PCS
1477 12 70	12 mm	8 mm	70 mm	100 PCS
1477 12 80	12 mm	8 mm	80 mm	50 PCS
1477 12 90	12 mm	8 mm	90 mm	50 PCS
1477 12 100	12 mm	8 mm	100 mm	50 PCS
1477 12 110	12 mm	8 mm	110 mm	50 PCS
1477 12 120	12 mm	8 mm	120 mm	50 PCS
1477 14 40	14 mm	9 mm	40 mm	100 PCS
1477 14 45	14 mm	9 mm	45 mm	100 PCS
1477 14 50	14 mm	9 mm	50 mm	100 PCS
1477 14 56	14 mm	9 mm	56 mm	100 PCS
1477 14 63	14 mm	9 mm	63 mm	100 PCS
1477 14 70	14 mm	9 mm	70 mm	100 PCS
1477 14 80	14 mm	9 mm	80 mm	50 PCS
1477 14 90	14 mm	9 mm	90 mm	50 PCS
1477 14 100	14 mm	9 mm	100 mm	50 PCS
1477 14 110	14 mm	9 mm	110 mm	50 PCS
1477 16 40	16 mm	10 mm	40 mm	100 PCS
1477 16 50	16 mm	10 mm	50 mm	100 PCS
1477 16 56	16 mm	10 mm	56 mm	50 PCS
1477 16 63	16 mm	10 mm	63 mm	50 PCS
1477 16 70	16 mm	10 mm	70 mm	50 PCS
1477 16 80	16 mm	10 mm	80 mm	50 PCS
1477 16 90	16 mm	10 mm	90 mm	50 PCS
1477 16 100	16 mm	10 mm	100 mm	50 PCS
1477 16 110	16 mm	10 mm	110 mm	50 PCS

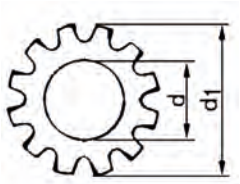
Art. No.	Width (b)	Height (h)	Length (l)	Packaging unit (VPE)
1477 18 50	18 mm	11 mm	50 mm	50 PCS
1477 18 56	18 mm	11 mm	56 mm	50 PCS
1477 18 63	18 mm	11 mm	63 mm	50 PCS
1477 18 70	18 mm	11 mm	70 mm	50 PCS
1477 18 80	18 mm	11 mm	80 mm	50 PCS
1477 18 90	18 mm	11 mm	90 mm	50 PCS
1477 18 100	18 mm	11 mm	100 mm	50 PCS
1477 18 110	18 mm	11 mm	110 mm	50 PCS
1477 20 50	20 mm	12 mm	50 mm	50 PCS
1477 20 56	20 mm	12 mm	56 mm	50 PCS
1477 20 63	20 mm	12 mm	63 mm	50 PCS
1477 20 70	20 mm	12 mm	70 mm	50 PCS
1477 20 80	20 mm	12 mm	80 mm	50 PCS
1477 20 90	20 mm	12 mm	90 mm	50 PCS
1477 20 100	20 mm	12 mm	100 mm	25 PCS
1477 20 110	20 mm	12 mm	110 mm	25 PCS
1477 22 80	22 mm	14 mm	80 mm	50 PCS
1477 22 90	22 mm	14 mm	90 mm	50 PCS
1477 22 100	22 mm	14 mm	100 mm	50 PCS
1477 22 110	22 mm	14 mm	110 mm	25 PCS
1477 22 125	22 mm	14 mm	125 mm	25 PCS
1477 22 140	22 mm	14 mm	140 mm	25 PCS

Serrated washer, DIN 6797, galvanised, type A

Product description:
Serrated discs are spring-loaded fastening elements and act by means of their axial spring action.

DIN: 6797
Material: Spring steel
Surface: Galvanised
Form: A





Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0423 3	M3	3.2 mm	6 mm	500 PCS
0423 4	M4	4.3 mm	8 mm	500 PCS
0423 5	M5	5.3 mm	10 mm	500 PCS
0423 6	M6	6.4 mm	11 mm	500 PCS
0423 8	M8	8.4 mm	15 mm	500 PCS
0423 10	M10	10.5 mm	18 mm	100 PCS

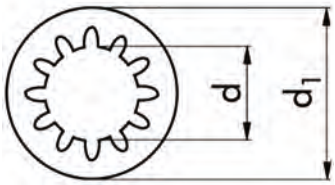
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0423 12	M12	13 mm	20.5 mm	100 PCS
0423 16	M16	17 mm	26 mm	100 PCS

Serrated washer, DIN 6797, galvanised, type I

Product description:
Serrated discs are spring-loaded fastening elements and act by means of their axial spring action.

DIN: 6797
Material: Spring steel
Surface: Galvanised
Form: I





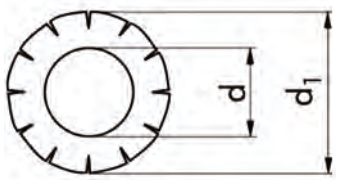
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0424 3	M3	3.2 mm	6 mm	500 PCS
0424 4	M4	4.3 mm	8 mm	500 PCS
0424 5	M5	5.3 mm	10 mm	500 PCS
0424 6	M6	6.4 mm	11 mm	500 PCS
0424 8	M8	8.4 mm	15 mm	500 PCS
0424 10	M10	10.5 mm	18 mm	100 PCS
0424 12	M12	13 mm	20.5 mm	100 PCS
0424 16	M16	17 mm	26 mm	100 PCS

Serrated lock washer, DIN 6798, galvanised, type A

Product description:
Serrated lock washers are positive-fitting securing elements that lock with the surface of the components when the screw or nut is tightened.

DIN: 6798
Material: Spring steel
Surface: Galvanised
Form: A





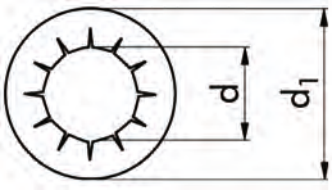
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0429 3	M3	3.2 mm	6 mm	500 PCS
0429 4	M4	4.3 mm	8 mm	500 PCS
0429 5	M5	5.3 mm	9 mm	500 PCS
0429 6	M6	6.4 mm	11 mm	500 PCS
0429 8	M8	8.4 mm	14 mm	500 PCS
0429 10	M10	10.5 mm	18 mm	100 PCS
0429 12	M12	13 mm	20.5 mm	100 PCS
0429 14	M14	15 mm	24 mm	100 PCS
0429 16	M16	17 mm	26 mm	100 PCS

Serrated lock washer, DIN 6798, galvanised, type I

Product description:
Serrated lock washers are positive-fitting securing elements that lock with the surface of the components when the screw or nut is tightened.

DIN: 6798
Material: Spring steel
Surface: Galvanised
Form: I





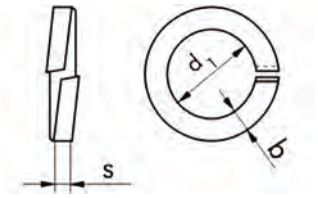
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
0428 4	M4	4.3 mm	8 mm	500 PCS
0428 5	M5	5.3 mm	9 mm	500 PCS
0428 6	M6	6.4 mm	11 mm	500 PCS
0428 8	M8	8.4 mm	14 mm	500 PCS
0428 10	M10	10.5 mm	18 mm	100 PCS
0428 12	M12	13 mm	20.5 mm	100 PCS

Lock washer, DIN 127, galvanised, type B

Field of Application:
Only suitable for bolts of strength class ≤ 5.8. For higher strength classes, Schnorr lock washers (item no. 0493/0493 0) or Nord-Lock lock washers (item no. 0435 0) should be used.

DIN: 127
Material: Spring steel
Surface: Galvanised





Art. No.	Suitable for screw	Diameter (d1)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
0441 3	M3	3.1 mm	6.2 mm	0.8 mm	1.3 mm	1000 PCS
0441 4	M4	4.1 mm	7.6 mm	0.9 mm	1.5 mm	1000 PCS
0441 5	M5	5.1 mm	9.2 mm	1.2 mm	1.8 mm	1000 PCS
0441 6	M6	6.1 mm	11.8 mm	1.6 mm	2.5 mm	1000 PCS
0441 8	M8	8.1 mm	14.8 mm	2 mm	3 mm	1000 PCS
0441 10	M10	10.2 mm	18.1 mm	2.2 mm	3.5 mm	1000 PCS
0441 12	M12	12.2 mm	21.1 mm	2.5 mm	4 mm	500 PCS
0441 14	M14	14.2 mm	24.1 mm	3 mm	4.5 mm	500 PCS
0441 16	M16	16.2 mm	27.4 mm	3.5 mm	5 mm	250 PCS
0441 18	M18	18.2 mm	29.4 mm	3.5 mm	5 mm	100 PCS
0441 20	M20	20.2 mm	33.6 mm	4 mm	6 mm	100 PCS
0441 22	M22	22.5 mm	35.9 mm	4 mm	6 mm	100 PCS
0441 24	M24	24.5 mm	40.0 mm	5 mm	7 mm	25 PCS
0441 27	M27	27.5 mm	43.0 mm	5 mm	7 mm	25 PCS

Art. No.	Suitable for screw	Diameter (d1)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
0441 30	M30	30.5 mm	48.2 mm	6 mm	8 mm	25 PCS

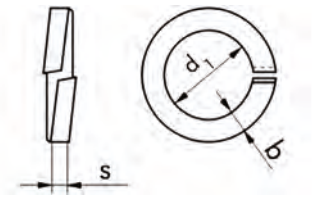
Lock washer, DIN 127, galvanised, type B

Small package

Field of Application:
Only suitable for bolts of strength class ≤ 5.8. For higher strength classes, Schnorr lock washers (item no. 0493/0493 0) or Nord-Lock lock washers (item no. 0435 0) should be used.

DIN: 127
Material: Spring steel
Surface: Galvanised

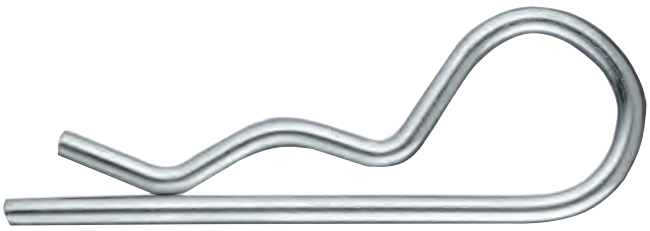


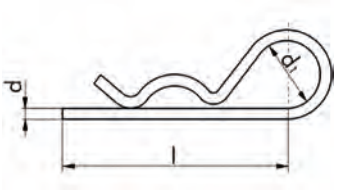


Art. No.	Suitable for screw	Diameter (d1)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
5441 3	M3	3.1 mm	6.7 mm	0.8 mm	1.3 mm	250 PCS
5441 4	M4	4.1 mm	7.6 mm	0.9 mm	1.5 mm	250 PCS
5441 5	M5	5.1 mm	9.2 mm	1.2 mm	1.8 mm	250 PCS
5441 6	M6	6.1 mm	11.8 mm	1.6 mm	2.5 mm	250 PCS
5441 7	M7	7.1 mm	12.8 mm	1.6 mm	2.5 mm	250 PCS
5441 8	M8	8.1 mm	14.8 mm	2 mm	3 mm	250 PCS
5441 10	M10	10.2 mm	18.1 mm	2.2 mm	3.5 mm	100 PCS
5441 12	M12	12.2 mm	21.1 mm	2.5 mm	4 mm	100 PCS
5441 14	M14	14.2 mm	24.1 mm	3 mm	4.5 mm	50 PCS
5441 16	M16	16.2 mm	27.4 mm	3.5 mm	5 mm	25 PCS
5441 18	M18	18.2 mm	29.4 mm	3.5 mm	5 mm	25 PCS
5441 20	M20	20.2 mm	33.6 mm	4 mm	6 mm	25 PCS

Single spring cotter pin, galvanised

Material: Spring steel
Surface: Galvanised
Version: Simple

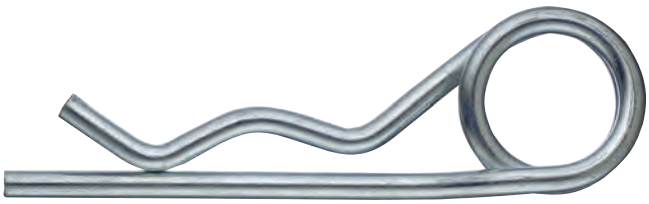


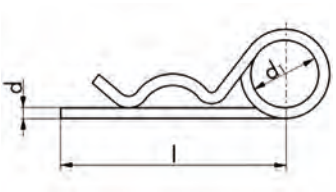


Art. No.	Wire diameter (d)	Internal diameter (d1)	Length (l)	Packaging unit (VPE)
0473 2 1	2 mm	10 mm	50 mm	50 PCS
0473 3 1	3 mm	18 mm	60 mm	50 PCS
0473 4 1	4 mm	20 mm	60 mm	25 PCS
0473 5 1	5 mm	24 mm	85 mm	25 PCS
0473 6 1	6 mm	30 mm	105 mm	10 PCS
0473 7 1	7 mm	30 mm	105 mm	10 PCS
0473 8 1	8 mm	28 mm	110 mm	10 PCS

Double spring cotter pin, galvanised

Material: Spring steel
Surface: Galvanised
Version: Double

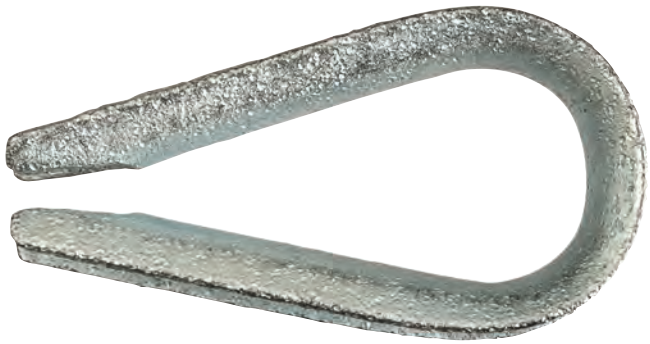


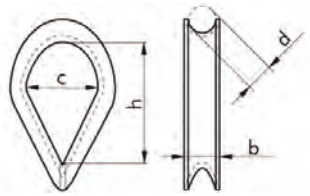


Art. No.	Wire diameter (d)	Internal diameter (d1)	Length (l)	Packaging unit (VPE)
0473 2 3	2 mm	10 mm	50 mm	50 PCS
0473 3 3	3 mm	18 mm	62 mm	50 PCS
0473 4 3	4 mm	20 mm	78 mm	25 PCS
0473 5 3	5 mm	24 mm	92 mm	25 PCS
0473 6 3	6 mm	30 mm	120 mm	10 PCS
0473 7 3	7 mm	30 mm	130 mm	10 PCS
0473 8 3	8 mm	28 mm	130 mm	10 PCS

Rope thimble, previously DIN 6899, galvanised

DIN: 6899
Material: Steel
Surface: Galvanised



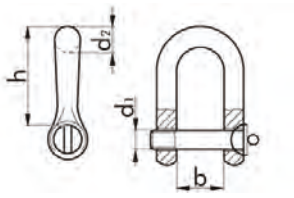


Art. No.	Diameter (d)	Height (h)	Internal diameter (c)	Width (b)	Packaging unit (VPE)
0522 3	3 mm	19 mm	12 mm	6 mm	50 PCS
0522 4	4 mm	21 mm	13 mm	6.5 mm	50 PCS
0522 5	5 mm	23 mm	14 mm	7 mm	50 PCS
0522 6	6 mm	25 mm	16 mm	7.5 mm	50 PCS
0522 8	8 mm	32 mm	20 mm	10 mm	50 PCS

Shackle, similar to DIN 82101, galvanised, type A

DIN: 82101
Material: Steel
Surface: Galvanised
Form: A

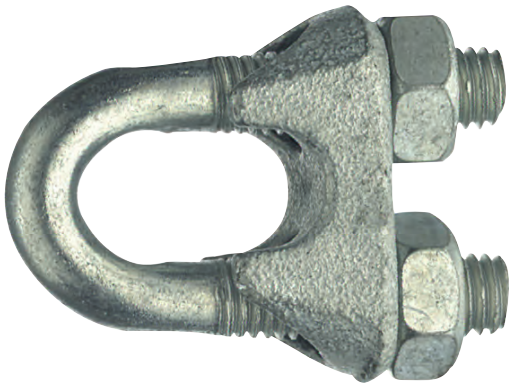


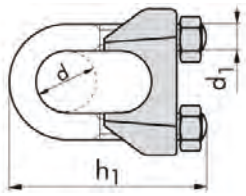


Art. No.	Bracket width (b)	Bracket diameter (d2)	Bolt diameter (d1)	Height (h)	Packaging unit (VPE)
0523 01	7 mm	4 mm	5 mm	15.5 mm	10 PCS
0523 016	8 mm	5 mm	6 mm	18.0 mm	10 PCS
0523 025	11 mm	7 mm	8 mm	24 mm	10 PCS
0523 04	14 mm	8 mm	10 mm	30 mm	10 PCS
0523 06	17 mm	10 mm	12 mm	36 mm	10 PCS
0523 1	21 mm	13 mm	16 mm	49 mm	5 PCS
0523 16	27 mm	17 mm	20 mm	61 mm	5 PCS
0523 2	30 mm	19 mm	22 mm	67 mm	1 PCS
0523 25	33 mm	21 mm	24 mm	73 mm	1 PCS
0523 3	38 mm	24 mm	27 mm	83.5 mm	1 PCS
0523 4	42 mm	27 mm	30 mm	91 mm	1 PCS
0523 5	47 mm	30 mm	36 mm	111 mm	1 PCS

Wire rope clamp, lightweight design, similar to DIN 741, galvanised

DIN: Similar to 741
Material: Steel
Surface: Galvanised
Thread type: Metric thread



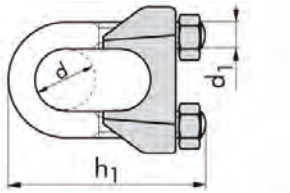


Art. No.	Diameter in inches	Diameter (d)	Thread type x nominal diameter (d1)	Height (h1)	Nominal diameter	Packaging unit (VPE)
0520 12	1/2 in	13 mm	M10	55 mm	10 mm	10 PCS
0520 14	1/4 in	7 mm	M5	28 mm	5 mm	50 PCS
0520 18	1/8 in	3 mm	M4	20 mm	4 mm	50 PCS
0520 38	3/8 in	10 mm	M8	42 mm	8 mm	25 PCS
0520 316	3/16 in	5 mm	M5	24 mm	5 mm	50 PCS
0520 58	5/8 in	16 mm	M12	63 mm	12 mm	10 PCS
0520 516	5/16 in	8 mm	M6	34 mm	6 mm	50 PCS
0520 716	7/16 in	11 mm	M8	44 mm	8 mm	25 PCS

Safety wire rope clamp, similar to DIN 1142, yellow galvanised

DIN: 1142
Material: Steel
Surface: Yellow galvanised
Thread type: Metric thread



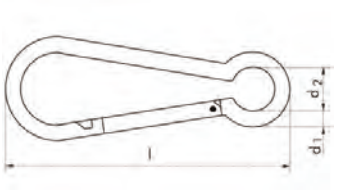


Art. No.	Diameter in inches	Diameter (d)	Thread type x nominal diameter (d1)	Height (h1)	Nominal diameter	Packaging unit (VPE)
0520 013	1/2 in	13 mm	M12	64 mm	12 mm	5 PCS
0520 065	1/4 in	6.5 mm	M6	32 mm	6 mm	25 PCS
0520 010	3/8 in	10 mm	M8	46 mm	8 mm	10 PCS
0520 05	3/16 in	5 mm	M5	25 mm	5 mm	25 PCS
0520 08	5/16 in	8 mm	M8	41 mm	8 mm	25 PCS

Fire brigade karabiner, DIN 5299, type C, galvanised

DIN: 5299
Material: Steel
Surface: Galvanised
Form: C



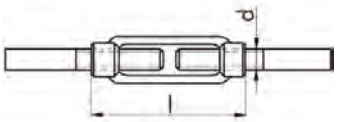


Art. No.	Length (l)	Outer diameter (d1)	Internal diameter (d2)	Packaging unit (VPE)
0524 50 5	50 mm	5 mm	8 mm	10 PCS
0524 60 6	60 mm	6 mm	9 mm	10 PCS
0524 70 7	70 mm	7 mm	10 mm	10 PCS
0524 80 8	80 mm	8 mm	12 mm	10 PCS
0524 90 9	90 mm	9 mm	12 mm	5 PCS
0524 100 10	100 mm	10 mm	15 mm	5 PCS
0524 120 11	120 mm	11 mm	18 mm	5 PCS
0524 140 12	140 mm	12 mm	20 mm	5 PCS
0524 160 13	160 mm	13 mm	22 mm	5 PCS
0524 180 14	180 mm	14 mm	22 mm	5 PCS

Turnbuckle with weld-on ends, DIN 1480, plain

Type: Bare/weld-on ends
DIN: 1480
Material: Steel
Surface: Bare
Version: With welding ends
Thread type: Metric thread



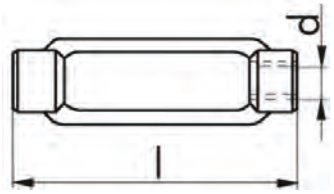


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0521 012	M12	125 mm	12 mm	1 PCS
0521 016	M16	170 mm	16 mm	1 PCS
0521 020	M20	200 mm	20 mm	1 PCS
0521 024	M24	255 mm	24 mm	1 PCS
0521 030	M30	255 mm	30 mm	1 PCS

Turnbuckle nut, DIN 1480, galvanised

DIN: 1480
Material: Steel
Surface: Galvanised
Thread type: Metric thread

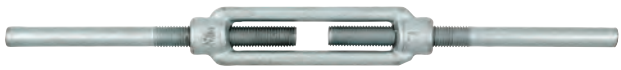


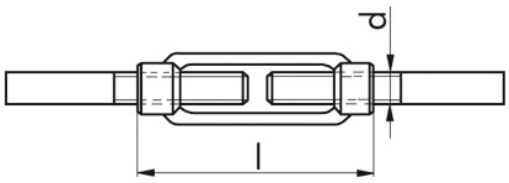


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0521 000 16	M16	170 mm	16 mm	1 PCS
0521 000 20	M20	200 mm	20 mm	1 PCS
0521 000 24	M24	255 mm	24 mm	1 PCS
0521 000 27	M27	255 mm	27 mm	1 PCS
0521 000 30	M30	255 mm	30 mm	1 PCS

Turnbuckle with weld-on ends, DIN 1480, galvanised

DIN: 1480
Material: Steel
Surface: Galvanised
Thread type: Metric thread

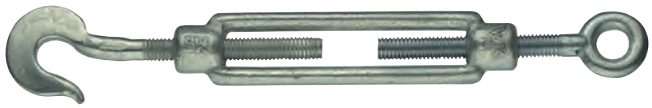


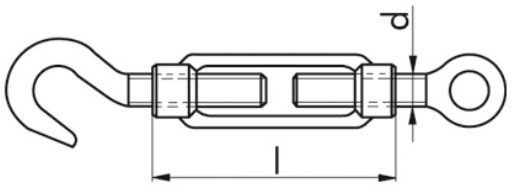


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0521 001 12	M12	125 mm	12 mm	1 PCS
0521 001 16	M16	170 mm	16 mm	1 PCS
0521 001 20	M20	200 mm	20 mm	1 PCS
0521 001 24	M24	255 mm	24 mm	1 PCS
0521 001 30	M30	255 mm	30 mm	1 PCS

Turnbuckle with hook and eye, DIN 1480, galvanised

DIN: 1480
Material: Steel
Surface: Galvanised
Thread type: Metric thread

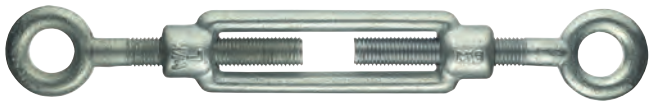


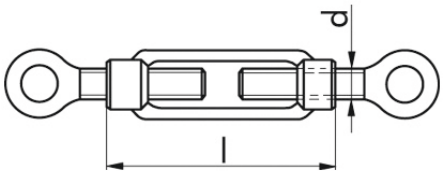


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0521 6	M6	110 mm	6 mm	1 PCS
0521 8	M8	110 mm	8 mm	1 PCS
0521 10	M10	125 mm	10 mm	1 PCS
0521 12	M12	125 mm	12 mm	1 PCS
0521 16	M16	170 mm	16 mm	1 PCS
0521 20	M20	200 mm	20 mm	1 PCS

Turnbuckle with eyelets, DIN 1480, galvanised

DIN: 1480
Material: Steel
Surface: Galvanised
Thread type: Metric thread



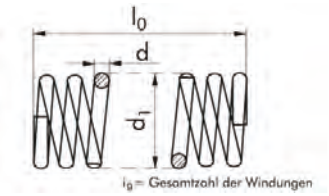


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
0521 36	M6	110 mm	6 mm	1 PCS
0521 38	M8	110 mm	8 mm	1 PCS
0521 310	M10	125 mm	10 mm	1 PCS
0521 312	M12	125 mm	12 mm	1 PCS
0521 316	M16	170 mm	16 mm	1 PCS
0521 320	M20	200 mm	20 mm	1 PCS

Compression spring, DIN 2095, galvanised

DIN: 2095
Material: Spring steel
Surface: Galvanised



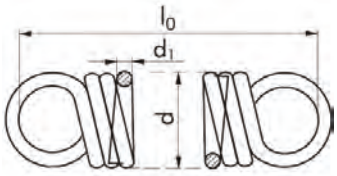


Art. No.	Wire diameter (d)	Length (lo)	Spring diameter (d1)	Number of windings	Packaging unit (VPE)
0506 08 42	0.8 mm	42 mm	8 mm	14	40 PCS
0506 10 32	1 mm	32 mm	10 mm	11	40 PCS
0506 10 321	1 mm	32 mm	15 mm	9	20 PCS
0506 10 40	1 mm	40 mm	10 mm	15	25 PCS
0506 10 65	1 mm	65 mm	15 mm	13	15 PCS
0506 15 45	1.5 mm	45 mm	10 mm	11	25 PCS
0506 15 55	1.5 mm	55 mm	10 mm	15	20 PCS
0506 15 551	1.5 mm	55 mm	12 mm	14	15 PCS
0506 15 65	1.5 mm	65 mm	15 mm	15	10 PCS

Tension spring with double eyelets, DIN 2097, galvanised

DIN: 2097
Material: Spring steel
Surface: Galvanised
Version: With double eyes

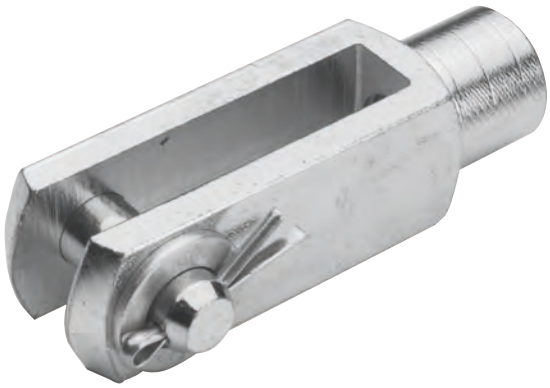


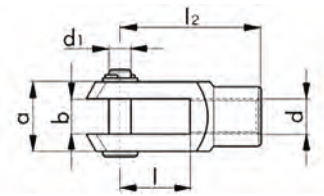


Art. No.	Outer diameter (d1)	Length (lo)	Spring diameter (d)	Packaging unit (VPE)
0506 206 25	0.6 mm	25 mm	6 mm	50 PCS
0506 210 45	1 mm	45 mm	9 mm	20 PCS
0506 210 551	1 mm	55 mm	11 mm	10 PCS
0506 210 701	1 mm	70 mm	11 mm	18 PCS
0506 210 75	1 mm	75 mm	9 mm	12 PCS
0506 210 85	1 mm	85 mm	12 mm	8 PCS
0506 210 90	1 mm	90 mm	7 mm	20 PCS
0506 210 105	1 mm	105 mm	10 mm	10 PCS
0506 213 25	1.3 mm	25 mm	7 mm	40 PCS
0506 213 55	1.3 mm	55 mm	11 mm	12 PCS
0506 215 65	1.5 mm	65 mm	12.5 mm	8 PCS
0506 215 75	1.5 mm	75 mm	12.5 mm	14 PCS
0506 215 110	1.5 mm	110 mm	12.5 mm	8 PCS

Fork joint, DIN 71751, galvanised

DIN: 71751
Material: Steel
Surface: Galvanised
Version: With cotter pins
Thread type: Metric thread



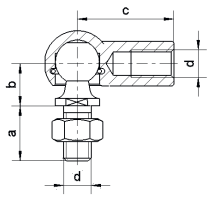


Art. No.	External width (a)	Internal width (b)	Length (l)	Length 2 (l2)	Thread type x nominal diameter (d)	Bolt diameter (d1)	Nominal diameter	Packaging unit (VPE)
0268 008 16	16 mm	8 mm	16 mm	32 mm	M8	8 mm	8 mm	10 PCS
0268 008 32	16 mm	8 mm	32 mm	48 mm	M8	8 mm	8 mm	10 PCS
0268 010 20	20 mm	10 mm	20 mm	40 mm	M10	10 mm	10 mm	5 PCS
0268 012 24	24 mm	12 mm	24 mm	48 mm	M12	12 mm	12 mm	5 PCS

Angle joint DIN 71802 galvanised

DIN: 71802
Material: Steel
Surface: Galvanised
Version: With spring catch and security bracket
Form: CS
Thread type: Metric thread



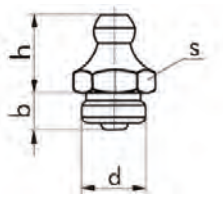


Art. No.	Thread type x nominal diameter (d)	Length (a)	Length 2 (b)	Length from centre of ball to end of ball socket (c)	Nominal diameter	Packaging unit (VPE)
0268 505 10	M5	10 mm	9 mm	22 mm	5 mm	10 PCS
0268 506 12	M6	12 mm	11 mm	25 mm	6 mm	10 PCS
0268 508 16	M8	16 mm	13 mm	30 mm	8 mm	10 PCS
0268 510 19	M10	19 mm	16 mm	35 mm	10 mm	5 PCS

Conical lubrication nipple H1, type A

DIN: 71412
Material: Steel
Surface: Galvanised
Form: A, H1
Thread type: Metric thread



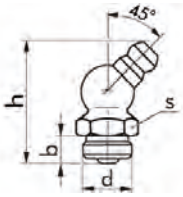


Art. No.	Thread type x nominal diameter x pitch (d)	Length of tenon (b)	Width across flats (s)	Taper height (h)	Pitch	Nominal diameter	Packaging unit (VPE)
0986 40	M6 x 1	4 mm	7 mm	10 mm	1 mm	6 mm	25 PCS
0986 41	M8 x 1	5.4 mm	9 mm	10.6 mm	1 mm	8 mm	25 PCS
0986 135	M8 x 1.25	5.4 mm	9 mm	10.6 mm	1.25 mm	8 mm	25 PCS
0986 42	M10 x 1	5.4 mm	11 mm	10.6 mm	1 mm	10 mm	25 PCS
0986 136	M10 x 1.5	5.4 mm	11 mm	10.6 mm	1.5 mm	10 mm	25 PCS

Conical lubrication nipple H2, type B, 45°

Height (h): 20 mm
Pitch: 1 mm
Angle (Winkel): 45 Degree
DIN: 71412
Material: Steel
Surface: Galvanised
Form: B, H2
Thread type: Metric thread



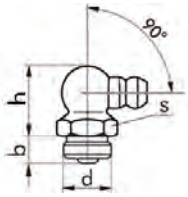


Art. No.	Thread type x nominal diameter x pitch (d)	Length of tenon (b)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0986 50	M6 x 1	5.5 mm	9 mm	6 mm	25 PCS
0986 51	M8 x 1	5.5 mm	9 mm	8 mm	25 PCS
0986 52	M10 x 1	5 mm	11 mm	10 mm	25 PCS

Conical lubrication nipple H3, type C, 90°

Pitch: 1 mm
Angle (Winkel): 90 Degree
DIN: 71412
Material: Steel
Surface: Galvanised
Form: C, H3
Thread type: Metric thread



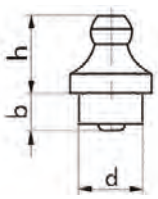


Art. No.	Thread type x nominal diameter (d)	Length of tenon (b)	Width across flats (s)	Taper height (h)	Nominal diameter	Packaging unit (VPE)
0986 60	M6	5.5 mm	9 mm	12.5 mm	6 mm	25 PCS
0986 61	M8	5.5 mm	9 mm	12.5 mm	8 mm	25 PCS
0986 62	M10	6 mm	11 mm	12 mm	10 mm	25 PCS

Conical drive fit lubrication nipple H1, type A

Length of tenon (b): 5.4 mm
Form: A, H1
DIN: 71412, 71412
Material: Steel
Surface: Galvanised





Art. No.	Diameter (d)	Taper height (h)	Packaging unit (VPE)
0986 46	6 mm	8.6 mm	25 PCS
0986 47	8 mm	9 mm	25 PCS
0986 48	10 mm	9.6 mm	25 PCS

High-tensile prestressed bolt, DIN EN 14399-4 10.9, hot-dip galvanised

Advantages:

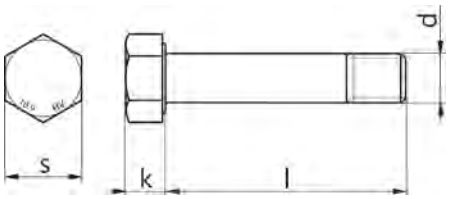
- Large under-head surface for lower surface pressure
- Large under-head radius for reduced notching effect
- Defined friction properties facilitate planned preloading
- Lot marking on the product — therefore, no need to request acceptance test certificate 3.1
- (see table 1 DIN EN 1090-2:2011-10)



- CE marking — controlled construction product

Field of Application:
For HV connections in steel structures

Advice:
Only use complete fitting sets from one manufacturer (1 bolt, 1 nut, 2 washers). Products in accordance with the new European product standards, EN 14399-4 and EN 14399-6 with CE marking, replace the applicable domestic products to DIN 6914 et seq. with the German quality mark.



EN standard: 14399-4
Material: Steel
Surface: Hot-dip galvanised
Property class: 10.9
Version: With large wrench size
Thread type: Metric thread

Art. No.	Thread type x nominal	Length (l)	Thread length (metric thread)	Min./ max. grip range	Head height (k)	Width across flats (s)	Min. grip range	Max. grip range	Nominal	Package size	Packaging unit (VPE)
0079 012 30	M12	30 mm	21 mm	11-16 mm	8.0 mm	22 mm	11 mm	16 mm	12 mm	100	1 PCS
0079 012 35	M12	35 mm	21 mm	16-21 mm	8.0 mm	22 mm	16 mm	21 mm	12 mm	100	1 PCS
0079 012 40	M12	40 mm	21 mm	21-26 mm	8.0 mm	22 mm	21 mm	26 mm	12 mm	100	1 PCS
0079 012 45	M12	45 mm	23 mm	26-31 mm	8.0 mm	22 mm	26 mm	31 mm	12 mm	100	1 PCS
0079 012 50	M12	50 mm	23 mm	31-36 mm	8.0 mm	22 mm	31 mm	36 mm	12 mm	100	1 PCS
0079 012 55	M12	55 mm	23 mm	36-41 mm	8.0 mm	22 mm	36 mm	41 mm	12 mm	100	1 PCS
0079 012 60	M12	60 mm	23 mm	41-46 mm	8.0 mm	22 mm	41 mm	46 mm	12 mm	100	1 PCS
0079 012 65	M12	65 mm	23 mm	46-51 mm	8.0 mm	22 mm	46 mm	51 mm	12 mm	50	1 PCS
0079 012 70	M12	70 mm	23 mm	51-56 mm	8.0 mm	22 mm	51 mm	56 mm	12 mm	50	1 PCS
0079 012 75	M12	75 mm	23 mm	56-61 mm	8.0 mm	22 mm	56 mm	61 mm	12 mm	50	1 PCS
0079 012 80	M12	80 mm	23 mm	61-66 mm	8.0 mm	22 mm	61 mm	66 mm	12 mm	50	1 PCS
0079 012 85	M12	85 mm	23 mm	66-71 mm	8.0 mm	22 mm	66 mm	71 mm	12 mm	50	1 PCS
0079 012 90	M12	90 mm	23 mm	71-76 mm	8.0 mm	22 mm	71 mm	76 mm	12 mm	50	1 PCS
0079 012 100	M12	100 mm	23 mm	81-86 mm	8.0 mm	22 mm	81 mm	86 mm	12 mm	50	1 PCS
0079 016 40	M16	40 mm	26 mm	17-22 mm	10.0 mm	27 mm	17 mm	22 mm	16 mm	50	1 PCS
0079 016 45	M16	45 mm	26 mm	22-27 mm	10.0 mm	27 mm	22 mm	27 mm	16 mm	50	1 PCS
0079 016 50	M16	50 mm	26 mm	27-32 mm	10.0 mm	27 mm	27 mm	32 mm	16 mm	50	1 PCS
0079 016 55	M16	55 mm	26 mm	32-37 mm	10.0 mm	27 mm	32 mm	37 mm	16 mm	50	1 PCS
0079 016 60	M16	60 mm	26 mm	37-42 mm	10.0 mm	27 mm	37 mm	42 mm	16 mm	50	1 PCS
0079 016 65	M16	65 mm	26 mm	42-47 mm	10.0 mm	27 mm	42 mm	47 mm	16 mm	25	1 PCS
0079 016 70	M16	70 mm	26 mm	47-52 mm	10.0 mm	27 mm	47 mm	52 mm	16 mm	25	1 PCS

Art. No.	Thread type x nominal	Length (l)	Thread length (metric thread)	Min./ max. grip range	Head height (k)	Width across flats (s)	Min. grip range	Max. grip range	Nominal	Package size	Packaging unit (VPE)
0079 016 75	M16	75 mm	28 mm	52-57 mm	10.0 mm	27 mm	52 mm	57 mm	16 mm	25	1 PCS
0079 016 80	M16	80 mm	28 mm	57-62 mm	10.0 mm	27 mm	57 mm	62 mm	16 mm	25	1 PCS
0079 016 85	M16	85 mm	28 mm	62-67 mm	10.0 mm	27 mm	62 mm	67 mm	16 mm	25	1 PCS
0079 016 90	M16	90 mm	28 mm	67-72 mm	10.0 mm	27 mm	67 mm	72 mm	16 mm	25	1 PCS
0079 016 95	M16	95 mm	28 mm	72-77 mm	10.0 mm	27 mm	72 mm	77 mm	16 mm	25	1 PCS
0079 016 100	M16	100 mm	28 mm	77-82 mm	10.0 mm	27 mm	77 mm	82 mm	16 mm	25	1 PCS
0079 016 105	M16	105 mm	28 mm	82-87 mm	10.0 mm	27 mm	82 mm	87 mm	16 mm	25	1 PCS
0079 016 110	M16	110 mm	28 mm	87-92 mm	10.0 mm	27 mm	87 mm	92 mm	16 mm	25	1 PCS
0079 016 120	M16	120 mm	28 mm	97-102 mm	10.0 mm	27 mm	97 mm	102 mm	16 mm	25	1 PCS
0079 016 130	M16	130 mm	28 mm	107-112 mm	10.0 mm	27 mm	107 mm	112 mm	16 mm	25	1 PCS
0079 016 140	M16	140 mm	28 mm	117-122 mm	10.0 mm	27 mm	117 mm	122 mm	16 mm	25	1 PCS
0079 020 50	M20	50 mm	31 mm	23-28 mm	13.0 mm	32 mm	23 mm	28 mm	20 mm	25	1 PCS
0079 020 55	M20	55 mm	31 mm	28-33 mm	13.0 mm	32 mm	28 mm	33 mm	20 mm	25	1 PCS
0079 020 60	M20	60 mm	31 mm	33-38 mm	13.0 mm	32 mm	33 mm	38 mm	20 mm	25	1 PCS
0079 020 65	M20	65 mm	31 mm	38-43 mm	13.0 mm	32 mm	38 mm	43 mm	20 mm	25	1 PCS
0079 020 70	M20	70 mm	31 mm	43-48 mm	13.0 mm	32 mm	43 mm	48 mm	20 mm	25	1 PCS
0079 020 75	M20	75 mm	31 mm	48-53 mm	13.0 mm	32 mm	48 mm	53 mm	20 mm	25	1 PCS
0079 020 80	M20	80 mm	31 mm	53-58 mm	13.0 mm	32 mm	53 mm	58 mm	20 mm	25	1 PCS
0079 020 85	M20	85 mm	31 mm	58-63 mm	13.0 mm	32 mm	58 mm	63 mm	20 mm	25	1 PCS
0079 020 90	M20	90 mm	33 mm	63-68 mm	13.0 mm	32 mm	63 mm	68 mm	20 mm	25	1 PCS
0079 020 95	M20	95 mm	33 mm	68-73 mm	13.0 mm	32 mm	68 mm	73 mm	20 mm	25	1 PCS
0079 020 100	M20	100 mm	33 mm	73-78 mm	13.0 mm	32 mm	73 mm	78 mm	20 mm	25	1 PCS
0079 020 105	M20	105 mm	33 mm	78-83 mm	13.0 mm	32 mm	78 mm	83 mm	20 mm	25	1 PCS
0079 020 110	M20	110 mm	33 mm	83-88 mm	13.0 mm	32 mm	83 mm	88 mm	20 mm	25	1 PCS
0079 020 115	M20	115 mm	33 mm	88-93 mm	13.0 mm	32 mm	88 mm	93 mm	20 mm	25	1 PCS
0079 020 120	M20	120 mm	33 mm	93-98 mm	13.0 mm	32 mm	93 mm	98 mm	20 mm	25	1 PCS
0079 020 130	M20	130 mm	33 mm	103-108 mm	13.0 mm	32 mm	103 mm	108 mm	20 mm	25	1 PCS
0079 020 140	M20	140 mm	33 mm	113-118 mm	13.0 mm	32 mm	113 mm	118 mm	20 mm	25	1 PCS
0079 024 50	M24	50 mm	34 mm	19-24 mm	15.0 mm	41 mm	19 mm	24 mm	24 mm	25	1 PCS
0079 024 55	M24	55 mm	34 mm	24-29 mm	15.0 mm	41 mm	24 mm	29 mm	24 mm	25	1 PCS

Art. No.	Thread type x nominal	Length (l)	Thread length (metric thread)	Min./ max. grip range	Head height (k)	Width across flats (s)	Min. grip range	Max. grip range	Nominal	Package size	Packaging unit (VPE)
0079 024 60	M24	60 mm	34 mm	29-34 mm	15.0 mm	41 mm	29 mm	34 mm	24 mm	25	1 PCS
0079 024 65	M24	65 mm	34 mm	34-39 mm	15.0 mm	41 mm	34 mm	39 mm	24 mm	25	1 PCS
0079 024 70	M24	70 mm	34 mm	39-44 mm	15.0 mm	41 mm	39 mm	44 mm	24 mm	25	1 PCS
0079 024 75	M24	75 mm	34 mm	44-49 mm	15.0 mm	41 mm	44 mm	49 mm	24 mm	25	1 PCS
0079 024 80	M24	80 mm	34 mm	49-54 mm	15.0 mm	41 mm	49 mm	54 mm	24 mm	25	1 PCS
0079 024 85	M24	85 mm	34 mm	54-59 mm	15.0 mm	41 mm	54 mm	59 mm	24 mm	15	1 PCS
0079 024 90	M24	90 mm	37 mm	59-64 mm	15.0 mm	41 mm	59 mm	64 mm	24 mm	15	1 PCS
0079 024 95	M24	95 mm	37 mm	64-69 mm	15.0 mm	41 mm	64 mm	69 mm	24 mm	15	1 PCS
0079 024 100	M24	100 mm	37 mm	69-74 mm	15.0 mm	41 mm	69 mm	74 mm	24 mm	15	1 PCS
0079 024 105	M24	105 mm	37 mm	74-79 mm	15.0 mm	41 mm	74 mm	79 mm	24 mm	15	1 PCS
0079 024 110	M24	110 mm	37 mm	79-84 mm	15.0 mm	41 mm	79 mm	84 mm	24 mm	15	1 PCS
0079 024 115	M24	115 mm	37 mm	84-89 mm	15.0 mm	41 mm	84 mm	89 mm	24 mm	15	1 PCS
0079 024 120	M24	120 mm	37 mm	89-94 mm	15.0 mm	41 mm	89 mm	94 mm	24 mm	15	1 PCS
0079 024 125	M24	125 mm	37 mm	94-99 mm	15.0 mm	41 mm	94 mm	99 mm	24 mm	15	1 PCS
0079 024 130	M24	130 mm	37 mm	99-104 mm	15.0 mm	41 mm	99 mm	104 mm	24 mm	10	1 PCS
0079 024 140	M24	140 mm	37 mm	109-114 mm	15.0 mm	41 mm	109 mm	114 mm	24 mm	10	1 PCS
0079 027 70	M27	70 mm	37 mm	36-41 mm	17.0 mm	46 mm	36 mm	41 mm	27 mm	15	1 PCS
0079 027 80	M27	80 mm	37 mm	46-51 mm	17.0 mm	46 mm	46 mm	51 mm	27 mm	15	1 PCS
0079 027 85	M27	85 mm	37 mm	51-56 mm	17.0 mm	46 mm	51 mm	56 mm	27 mm	10	1 PCS
0079 027 90	M27	90 mm	37 mm	56-61 mm	17.0 mm	46 mm	56 mm	61 mm	27 mm	10	1 PCS
0079 027 100	M27	100 mm	39 mm	66-71 mm	17.0 mm	46 mm	66 mm	71 mm	27 mm	10	1 PCS
0079 027 110	M27	110 mm	39 mm	76-81 mm	17.0 mm	46 mm	76 mm	81 mm	27 mm	10	1 PCS
0079 027 120	M27	120 mm	39 mm	86-91 mm	17.0 mm	46 mm	86 mm	91 mm	27 mm	10	1 PCS
0079 027 130	M27	130 mm	39 mm	96-101 mm	17.0 mm	46 mm	96 mm	101 mm	27 mm	10	1 PCS
0079 027 140	M27	140 mm	39 mm	106-111 mm	17.0 mm	46 mm	106 mm	111 mm	27 mm	10	1 PCS
0079 030 70	M30	70 mm	40 mm	34-39 mm	19.0 mm	50 mm	34 mm	39 mm	30 mm	10	1 PCS
0079 030 80	M30	80 mm	40 mm	44-49 mm	19.0 mm	50 mm	44 mm	49 mm	30 mm	10	1 PCS
0079 030 90	M30	90 mm	40 mm	54-59 mm	19.0 mm	50 mm	54 mm	59 mm	30 mm	10	1 PCS
0079 030 100	M30	100 mm	42 mm	64-69 mm	19.0 mm	50 mm	64 mm	69 mm	30 mm	10	1 PCS
0079 030 110	M30	110 mm	42 mm	74-79 mm	19.0 mm	50 mm	74 mm	79 mm	30 mm	10	1 PCS

Art. No.	Thread type x nominal	Length (l)	Thread length (metric thread)	Min./ max. grip range	Head height (k)	Width across flats (s)	Min. grip range	Max. grip range	Nominal	Package size	Packaging unit (VPE)
0079 030 115	M30	115 mm	42 mm	79-84 mm	19.0 mm	50 mm	79 mm	84 mm	30 mm	10	1 PCS
0079 030 120	M30	120 mm	42 mm	84-89 mm	19.0 mm	50 mm	84 mm	89 mm	30 mm	10	1 PCS
0079 030 125	M30	125 mm	42 mm	89-94 mm	19.0 mm	50 mm	89 mm	94 mm	30 mm	5	1 PCS
0079 030 130	M30	130 mm	42 mm	94-99 mm	19.0 mm	50 mm	94 mm	99 mm	30 mm	5	1 PCS
0079 030 140	M30	140 mm	42 mm	104-109 mm	19.0 mm	50 mm	104 mm	109 mm	30 mm	5	1 PCS
0079 030 150	M30	150 mm	42 mm	114-119 mm	19.0 mm	50 mm	114 mm	119 mm	30 mm	5	1 PCS

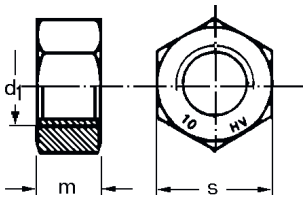
High-tensile prestressed nut, DIN EN 14399-4, strength class 10, hot-dip galvanised

Field of Application:
For HV connections in steel structures

Advice:
Only use complete fitting sets from one manufacturer (1 bolt, 1 nut, 2 washers). Products in accordance with the new European product standards, EN 14399-4 and EN 14399-6 with CE marking, replace the applicable domestic products to DIN 6914 et seq. with the German quality mark.

EN standard: 14399-4
Material: Steel
Surface: Hot-dip galvanised
Property class: 10
Version: With large wrench size
Thread type: Metric thread





Art. No.	Thread type x nominal dia-meter	Height (m)	Width across corners	Width across flats (s)	Nominal dia-meter	Package size	Packaging unit (VPE)
0315 012	M12	10 mm	23.9 mm	22 mm	12 mm	200	1 PCS
0315 016	M16	13 mm	29.6 mm	27 mm	16 mm	200	1 PCS
0315 020	M20	16 mm	35.0 mm	32 mm	20 mm	100	1 PCS
0315 024	M24	19 mm	45.0 mm	41 mm	24 mm	50	1 PCS
0315 027	M27	22 mm	50.9 mm	46 mm	27 mm	25	1 PCS
0315 030	M30	24 mm	55.4 mm	50 mm	30 mm	25	1 PCS

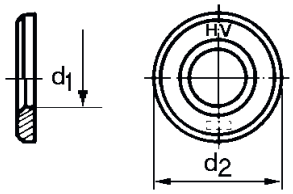
High-tensile prestressed washer, DIN EN 14399-6, 300-370 HV, hot-dip galvanised

Field of Application:
For HV connections in steel structures

Advice:
Only use complete fitting sets from one manufacturer (1 bolt, 1 nut, 2 washers). Products in accordance with the new European product standards, EN 14399-4 and EN 14399-6 with CE marking, replace the applicable domestic products to DIN 6914 et seq. with the German quality mark.

Vickers hardness, HV: 300 HV
EN standard: 14399-6
Material: Steel
Surface: Hot-dip galvanised
Thread type: Metric thread



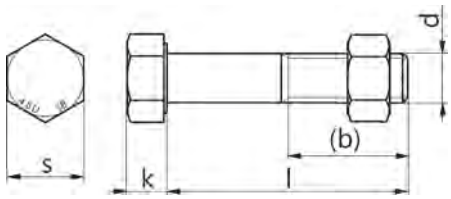


Art. No.	Thread type x nominal diameter	Internal diameter	Outer diameter	Height (s)	Chamfer length	Nominal diameter	Package size	Packaging unit (VPE)
0406 013	M12	13 mm	24 mm	3 mm	1.6 mm	12 mm	400	1 PCS
0406 017	M16	17 mm	30 mm	4 mm	1.6 mm	16 mm	200	1 PCS
0406 021	M20	21 mm	37 mm	4 mm	2 mm	20 mm	200	1 PCS
0406 025	M24	25 mm	44 mm	4 mm	2.5 mm	24 mm	200	1 PCS
0406 028	M27	28 mm	50 mm	5 mm	2.5 mm	27 mm	100	1 PCS
0406 031	M30	31 mm	56 mm	5 mm	2.5 mm	30 mm	100	1 PCS

Hexagonal bolt with nut, DIN 7990/ISO 4032 4.6 hot-dip galvanised/5-2 hot-dip galvanised, to EN 15048, with SB marking

DIN: 7990
Material: Steel
Surface: Hot-dip galvanised
Property class: 4.6
Version: With EN ISO 4034 or EN ISO 4032 hexagon nuts
Thread type: Metric thread



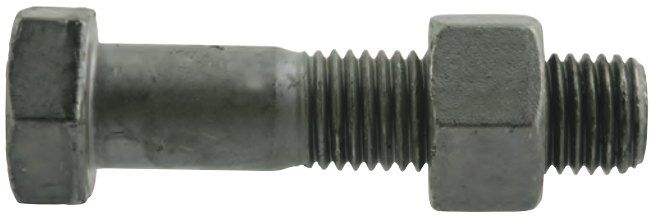


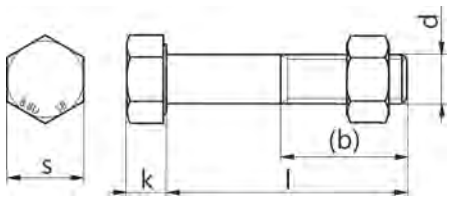
Art. No.	Thread type x nominal diameter	Length	Thread length (metric thread)	Head height	Head diameter	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
0081 112 30	M12	30 mm	30 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 35	M12	35 mm	35 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 40	M12	40 mm	40 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 45	M12	45 mm	45 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 50	M12	50 mm	50 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 55	M12	55 mm	55 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 60	M12	60 mm	60 mm	8.0 mm	20.9 mm	18 mm	12 mm	100	1 PCS
0081 112 65	M12	65 mm	65 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 70	M12	70 mm	70 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 75	M12	75 mm	75 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 80	M12	80 mm	80 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 85	M12	85 mm	85 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 90	M12	90 mm	90 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 95	M12	95 mm	95 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 112 100	M12	100 mm	100 mm	8.0 mm	20.9 mm	18 mm	12 mm	50	1 PCS
0081 116 35	M16	35 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 40	M16	40 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 45	M16	45 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 50	M16	50 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 55	M16	55 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 60	M16	60 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	50	1 PCS
0081 116 65	M16	65 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 70	M16	70 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 75	M16	75 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 80	M16	80 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 85	M16	85 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 90	M16	90 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 95	M16	95 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 116 100	M16	100 mm	23 mm	10.0 mm	26.2 mm	24 mm	16 mm	25	1 PCS
0081 120 40	M20	40 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 45	M20	45 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 50	M20	50 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 55	M20	55 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 60	M20	60 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 65	M20	65 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 70	M20	70 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 75	M20	75 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 80	M20	80 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 90	M20	90 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 95	M20	95 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 120 100	M20	100 mm	26 mm	13.0 mm	33.0 mm	30 mm	20 mm	25	1 PCS
0081 124 50	M24	50 mm	50 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 55	M24	55 mm	55 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 60	M24	60 mm	60 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 65	M24	65 mm	65 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 70	M24	70 mm	70 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 75	M24	75 mm	75 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS

Art. No.	Thread type x nominal diameter	Length	Thread length (metric thread)	Head height	Head diameter	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
0081 124 80	M24	80 mm	80 mm	15.0 mm	39.6 mm	36 mm	24 mm	25	1 PCS
0081 124 85	M24	85 mm	85 mm	15.0 mm	39.6 mm	36 mm	24 mm	10	1 PCS
0081 124 90	M24	90 mm	90 mm	15.0 mm	39.6 mm	36 mm	24 mm	10	1 PCS
0081 124 95	M24	95 mm	95 mm	15.0 mm	39.6 mm	36 mm	24 mm	10	1 PCS
0081 124 100	M24	100 mm	100 mm	15.0 mm	39.6 mm	36 mm	24 mm	10	1 PCS

Hexagonal bolt with nut, ISO 4014/ISO 4032 8.8 hot-dip galvanised/8 hot-dip galvanised, to EN 15048, with SB marking

ISO: 4014
Material: Steel
Surface: Hot-dip galvanised
Property class: 8.8
Version: With hexagon nut EN ISO 4032
Thread type: Metric thread





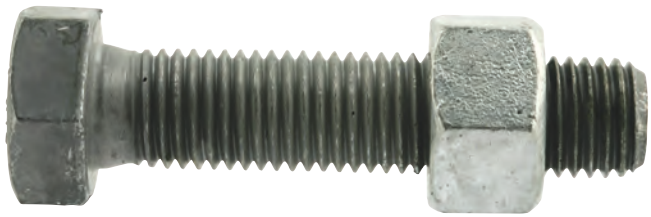
Art. No.	Thread type x nominal diameter	Length	Thread length (metric thread)	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3053 010 50	M10	50 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 55	M10	55 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 60	M10	60 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 65	M10	65 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 70	M10	70 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 75	M10	75 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 80	M10	80 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 90	M10	90 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 010 100	M10	100 mm	26 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3053 012 60	M12	60 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3053 012 65	M12	65 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 70	M12	70 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS

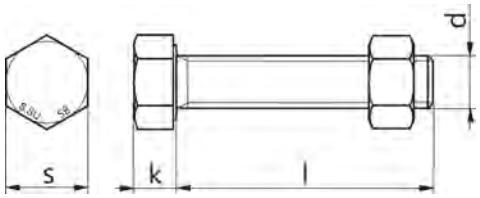
Art. No.	Thread type x nominal diameter	Length	Thread length (metric thread)	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3053 012 75	M12	75 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 80	M12	80 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 90	M12	90 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 100	M12	100 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 110	M12	110 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 012 120	M12	120 mm	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3053 016 70	M16	70 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 75	M16	75 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 80	M16	80 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 90	M16	90 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 100	M16	100 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 110	M16	110 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 120	M16	120 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 130	M16	130 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 016 140	M16	140 mm	38 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3053 020 70	M20	70 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 75	M20	75 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 80	M20	80 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 90	M20	90 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 100	M20	100 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 110	M20	110 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 120	M20	120 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 130	M20	130 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 020 140	M20	140 mm	46 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3053 024 80	M24	80 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3053 024 90	M24	90 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3053 024 100	M24	100 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3053 024 110	M24	110 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3053 024 120	M24	120 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3053 024 130	M24	130 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS

Art. No.	Thread type x nominal diameter	Length	Thread length (metric thread)	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3053 024 140	M24	140 mm	54 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3053 027 100	M27	100 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 110	M27	110 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 120	M27	120 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 130	M27	130 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 140	M27	140 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 150	M27	150 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3053 027 160	M27	160 mm	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS

Hexagonal bolt with nut, ISO 4017/ISO 4032 8.8 hot-dip galvanised/8 hot-dip galvanised, to EN 15048, with SB marking

ISO: 4017
Material: Steel
Surface: Hot-dip galvanised
Property class: 8.8
Version: With hexagon nut EN ISO 4032
Thread type: Metric thread





Art. No.	Thread type x nominal diameter	Length	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3057 010 20	M10	20 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	200	1 PCS
3057 010 25	M10	25 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	200	1 PCS
3057 010 30	M10	30 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	200	1 PCS
3057 010 35	M10	35 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 40	M10	40 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 45	M10	45 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 50	M10	50 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 55	M10	55 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 60	M10	60 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 65	M10	65 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 010 70	M10	70 mm	6.4 mm	8.04-8.40 mm	16 mm	10 mm	100	1 PCS
3057 012 20	M12	20 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS

Art. No.	Thread type x nominal diameter	Length	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3057 012 25	M12	25 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 30	M12	30 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 35	M12	35 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 40	M12	40 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 45	M12	45 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 50	M12	50 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 55	M12	55 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 60	M12	60 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	100	1 PCS
3057 012 65	M12	65 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3057 012 70	M12	70 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3057 012 80	M12	80 mm	7.5 mm	10.37-10.80 mm	18 mm	12 mm	50	1 PCS
3057 016 30	M16	30 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 35	M16	35 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 40	M16	40 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 45	M16	45 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 50	M16	50 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 55	M16	55 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 60	M16	60 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	50	1 PCS
3057 016 65	M16	65 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3057 016 70	M16	70 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3057 016 80	M16	80 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3057 016 90	M16	90 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3057 016 100	M16	100 mm	10 mm	14.10-14.80 mm	24 mm	16 mm	25	1 PCS
3057 020 40	M20	40 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 45	M20	45 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 50	M20	50 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 55	M20	55 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 60	M20	60 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 65	M20	65 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 70	M20	70 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS

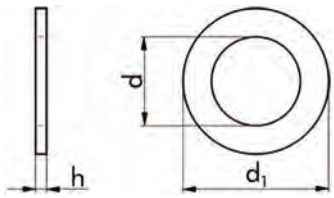
Art. No.	Thread type x nominal diameter	Length	Head height	Min./max. nut height	Width across flats	Nominal diameter	Package size	Packaging unit (VPE)
3057 020 80	M20	80 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 90	M20	90 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 020 100	M20	100 mm	12.5 mm	16.90-18.00 mm	30 mm	20 mm	25	1 PCS
3057 024 50	M24	50 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 55	M24	55 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 60	M24	60 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 65	M24	65 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 70	M24	70 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 80	M24	80 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	25	1 PCS
3057 024 90	M24	90 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3057 024 100	M24	100 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3057 024 110	M24	110 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3057 024 120	M24	120 mm	15 mm	20.20-21.50 mm	36 mm	24 mm	10	1 PCS
3057 027 60	M27	60 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 70	M27	70 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 80	M27	80 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 90	M27	90 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 100	M27	100 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 110	M27	110 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS
3057 027 120	M27	120 mm	17 mm	22.50-23.80 mm	41 mm	27 mm	10	1 PCS

Flat washer, ISO 7089, 200 HV, hot-dip galvanised

Application area:
Washers with hardness class 200 HV can be used in combination with bolts in strength classes ≤ 8.8 and nuts in strength classes ≤ 8 (for example, as fittings for screw connections without planned preload in accordance with DIN EN 15048-1).

Vickers hardness, HV: 200 HV
Material: Steel
Surface: Hot-dip galvanised





Art. No.	Suitable for screw (Gew.-Ø)	Internal diameter (d)	Outer diameter (d1)	Height (h)	Package size	Packaging unit (VPE)
0407 009 110	M10	10.5 mm	20 mm	2.0 mm	200	1 PCS
0407 009 112	M12	13.0 mm	24 mm	2.5 mm	200	1 PCS
0407 009 116	M16	17.0 mm	30 mm	3.0 mm	100	1 PCS
0407 009 120	M20	21.0 mm	37 mm	3.0 mm	100	1 PCS
0407 009 124	M24	25.0 mm	44 mm	4.0 mm	50	1 PCS
0407 009 127	M27	28.0 mm	50 mm	4.0 mm	20	1 PCS

MTH clamping plate, Nova Grip type Z-14.4-493

Advantages:

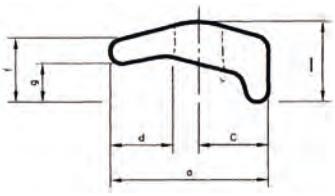
- Quick and easy to install
- Flexibility on the construction site
- Can be adjusted on-site to be able to react to unforeseen circumstances
- No welding, no drilling, therefore can be used in „zone 0" (this is an area where a dangerous, potentially explosive atmosphere exists either constantly, for long periods or frequently as a mixture of air and flammable gases, vapours or mist).
- No damage to surface coating when installing
- Tested load specifications (tensile and shear loads)
- General construction permit Z-14.4-493

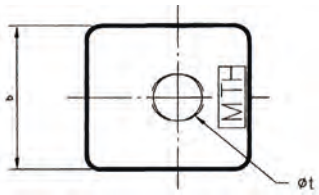


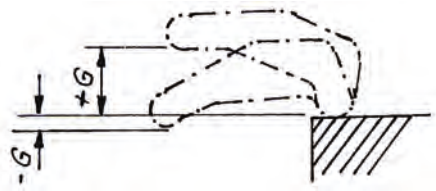
Field of Application:

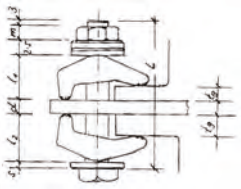
The beam clamps are used to connect and transfer load from intersecting beams of various shapes and dimensions and to securely fasten additional steel construction components to available structures. It is also possible to connect

beams that lie on top of each other if the flanges are of the same width. Selecting suitable beam clamps depends on the steel beams used. When planning steel structures, DIN 18800-1:1990-11 (DIN EN 1090-1 from 01/07/2014) and DIBt (Deutsches Institut für Bautechnik - German institute for civil engineering) approval Z-14.4-483 must be taken into account with respect to the Nova Grip beam clamps. The bolts must comply with strength class 8.8 or 10.9 in accordance with EN ISO 898-1:1999 and the nuts with strength class 8 or 10 in accordance with EN 20898-2:1993.
DIN 18800-7:2002-09 (DIN EN 1090-2 from 01/07/2014) is applicable for protecting the beam clamp connection against corrosion. Use in harsh environments is permitted. However, the zinc coating on the beam clamps and spacers must not be damaged and the steel structure must be checked. At the first sign of corrosion, the protective surface layer must be completely or partially replaced. Use of beam clamp connections is permitted in structures that are predominantly subject to windy conditions or in components where vibrations may arise as a result of strong winds.









Art. No.	Min./ max. grip range (G)	Grip plate width (b)	Grip plate height (l)	Grip plate length (a)			Proof side length (d)			Min. grip range (G-)	Package size	Packaging unit (VPE)
0450 000 012	6-14 mm	38 mm	23 mm	43 mm	18 mm	19 mm	17 mm	13 mm	10 mm	6 mm	200	1 PCS
0450 000 010	6-10 mm	32 mm	21 mm	36 mm	15 mm	16 mm	13 mm	11 mm	8 mm	6 mm	200	1 PCS
0450 000 016	7-17 mm	50 mm	30 mm	57 mm	23 mm	25 mm	22 mm	17 mm	12 mm	7 mm	80	1 PCS
0450 000 020	10-23 mm	63 mm	38 mm	71 mm	30 mm	31 mm	29 mm	21 mm	16 mm	10 mm	40	1 PCS
0450 000 024	10-23 mm	76 mm	45 mm	86 mm	34 mm	38 mm	35 mm	25 mm	17 mm	10 mm		1 PCS

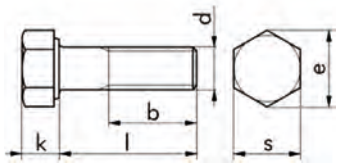




Hexagonal bolt with shank DIN 931 A2

DIN: 931
Material: Stainless steel A2
Version: With shaft
Thread type: Metric thread





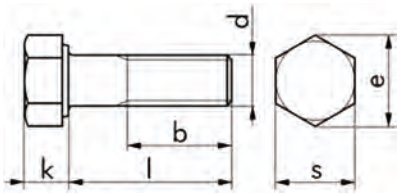
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0095 6 30	M6	30 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 40	M6	40 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 45	M6	45 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 50	M6	50 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 55	M6	55 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 60	M6	60 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0095 6 70	M6	70 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	50 PCS
0095 6 80	M6	80 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	50 PCS
0095 6 90	M6	90 mm	18 mm	4.0 mm	11.05 mm	10 mm	6 mm	50 PCS
0095 8 35	M8	35 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 40	M8	40 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 45	M8	45 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 50	M8	50 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 55	M8	55 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 60	M8	60 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 65	M8	65 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0095 8 70	M8	70 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0095 8 80	M8	80 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0095 8 90	M8	90 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0095 8 100	M8	100 mm	22 mm	5.3 mm	14.38 mm	13 mm	8 mm	50 PCS
0095 10 35	M10	35 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0095 10 40	M10	40 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0095 10 45	M10	45 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0095 10 50	M10	50 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0095 10 55	M10	55 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 60	M10	60 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 65	M10	65 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 70	M10	70 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 80	M10	80 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 90	M10	90 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 100	M10	100 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 10 120	M10	120 mm	26 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0095 12 45	M12	45 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0095 12 50	M12	50 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0095 12 55	M12	55 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0095 12 60	M12	60 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0095 12 70	M12	70 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 80	M12	80 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 90	M12	90 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 100	M12	100 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 110	M12	110 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 120	M12	120 mm	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 130	M12	130 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 140	M12	140 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 150	M12	150 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 12 160	M12	160 mm	36 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0095 14 60	M14	60 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0095 14 70	M14	70 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0095 14 80	M14	80 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0095 14 90	M14	90 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0095 14 100	M14	100 mm	34 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0095 16 50	M16	50 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 55	M16	55 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 60	M16	60 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 65	M16	65 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 70	M16	70 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 75	M16	75 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 80	M16	80 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 90	M16	90 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 100	M16	100 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 110	M16	110 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 120	M16	120 mm	38 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0095 16 130	M16	130 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0095 16 140	M16	140 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0095 16 150	M16	150 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0095 16 160	M16	160 mm	44 mm	10.0 mm	26.75 mm	24 mm	16 mm	10 PCS
0095 18 70	M18	70 mm	42 mm	12.0 mm	30.14 mm	27 mm	18 mm	25 PCS
0095 18 80	M18	80 mm	42 mm	12.0 mm	30.1 mm	27 mm	18 mm	25 PCS
0095 18 90	M18	90 mm	42 mm	12.0 mm	30.1 mm	27 mm	18 mm	25 PCS
0095 18 100	M18	100 mm	42 mm	12.0 mm	30.1 mm	27 mm	18 mm	25 PCS
0095 20 60	M20	60 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 65	M20	65 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 70	M20	70 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 75	M20	75 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 80	M20	80 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 90	M20	90 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 100	M20	100 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0095 20 110	M20	110 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS
0095 20 120	M20	120 mm	46 mm	12.5 mm	33.53 mm	30 mm	20 mm	10 PCS

Hexagonal bolt DIN 931 A4

DIN: 931
Material: Stainless steel A4
Version: With shaft
Thread type: Metric thread



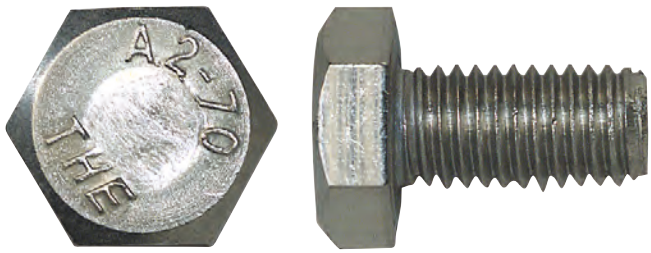


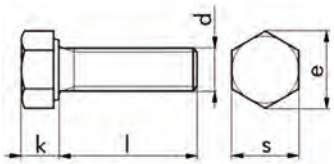
Art. No.	Thread type x nominal diameter (d)	Thread length (metric thread) (b)	Head height (k)	Width across corners (e)	Width across flats (s)	Length (l)	Nominal diameter	Packaging unit (VPE)
5090 6 30	M6	18 mm	4.0 mm	11.05 mm	10 mm	30 mm	6 mm	200 PCS
5090 6 40	M6	18 mm	4.0 mm	11.05 mm	10 mm	40 mm	6 mm	200 PCS
5090 6 45	M6	18 mm	4.0 mm	11.05 mm	10 mm	45 mm	6 mm	100 PCS
5090 6 50	M6	18 mm	4.0 mm	11.05 mm	10 mm	50 mm	6 mm	100 PCS
5090 6 55	M6	18 mm	4.0 mm	11.05 mm	10 mm	55 mm	6 mm	100 PCS
5090 6 60	M6	18 mm	4.0 mm	11.05 mm	10 mm	60 mm	6 mm	100 PCS
5090 6 70	M6	18 mm	4.0 mm	11.05 mm	10 mm	70 mm	6 mm	100 PCS
5090 6 80	M6	18 mm	4.0 mm	11.05 mm	10 mm	80 mm	6 mm	100 PCS
5090 6 90	M6	18 mm	4.0 mm	11.05 mm	10 mm	90 mm	6 mm	100 PCS
5090 8 100	M8	22 mm	5.3 mm	14.38 mm	13 mm	100 mm	8 mm	50 PCS
5090 8 35	M8	22 mm	5.3 mm	14.38 mm	13 mm	35 mm	8 mm	200 PCS
5090 8 40	M8	22 mm	5.3 mm	14.38 mm	13 mm	40 mm	8 mm	200 PCS
5090 8 45	M8	22 mm	5.3 mm	14.38 mm	13 mm	45 mm	8 mm	100 PCS
5090 8 50	M8	22 mm	5.3 mm	14.38 mm	13 mm	50 mm	8 mm	100 PCS
5090 8 55	M8	22 mm	5.3 mm	14.38 mm	13 mm	55 mm	8 mm	100 PCS
5090 8 60	M8	22 mm	5.3 mm	14.38 mm	13 mm	60 mm	8 mm	100 PCS
5090 8 65	M8	22 mm	5.3 mm	14.38 mm	13 mm	65 mm	8 mm	100 PCS
5090 8 70	M8	22 mm	5.3 mm	14.38 mm	13 mm	70 mm	8 mm	100 PCS
5090 8 80	M8	22 mm	5.3 mm	14.38 mm	13 mm	80 mm	8 mm	50 PCS
5090 8 90	M8	22 mm	5.3 mm	14.38 mm	13 mm	90 mm	8 mm	50 PCS
5090 10 100	M10	26 mm	6.4 mm	18.9 mm	17 mm	100 mm	10 mm	50 PCS
5090 10 120	M10	26 mm	6.4 mm	18.9 mm	17 mm	120 mm	10 mm	50 PCS
5090 10 40	M10	26 mm	6.4 mm	18.9 mm	17 mm	40 mm	10 mm	100 PCS
5090 10 45	M10	26 mm	6.4 mm	18.9 mm	17 mm	45 mm	10 mm	100 PCS
5090 10 50	M10	26 mm	6.4 mm	18.9 mm	17 mm	50 mm	10 mm	50 PCS
5090 10 55	M10	26 mm	6.4 mm	18.9 mm	17 mm	55 mm	10 mm	50 PCS
5090 10 60	M10	26 mm	6.4 mm	18.9 mm	17 mm	60 mm	10 mm	50 PCS
5090 10 65	M10	26 mm	6.4 mm	18.9 mm	17 mm	65 mm	10 mm	50 PCS
5090 10 70	M10	26 mm	6.4 mm	18.9 mm	17 mm	70 mm	10 mm	50 PCS
5090 10 80	M10	26 mm	6.4 mm	18.9 mm	17 mm	80 mm	10 mm	50 PCS
5090 10 90	M10	26 mm	6.4 mm	18.9 mm	17 mm	90 mm	10 mm	50 PCS
5090 12 100	M12	30 mm	7.5 mm	21.1 mm	19 mm	100 mm	12 mm	50 PCS
5090 12 110	M12	30 mm	7.5 mm	21.1 mm	19 mm	110 mm	12 mm	50 PCS
5090 12 120	M12	30 mm	7.5 mm	21.1 mm	19 mm	120 mm	12 mm	50 PCS
5090 12 45	M12	30 mm	7.5 mm	21.1 mm	19 mm	45 mm	12 mm	50 PCS
5090 12 50	M12	30 mm	7.5 mm	21.1 mm	19 mm	50 mm	12 mm	50 PCS

Art. No.	Thread type x nominal diameter (d)	Thread length (metric thread) (b)	Head height (k)	Width across corners (e)	Width across flats (s)	Length (l)	Nominal diameter	Packaging unit (VPE)
5090 12 55	M12	30 mm	7.5 mm	21.1 mm	19 mm	55 mm	12 mm	50 PCS
5090 12 60	M12	30 mm	7.5 mm	21.1 mm	19 mm	60 mm	12 mm	50 PCS
5090 12 70	M12	30 mm	7.5 mm	21.1 mm	19 mm	70 mm	12 mm	50 PCS
5090 12 80	M12	30 mm	7.5 mm	21.1 mm	19 mm	80 mm	12 mm	50 PCS
5090 12 90	M12	30 mm	7.5 mm	21.1 mm	19 mm	90 mm	12 mm	50 PCS
5090 12 130	M12	36 mm	7.5 mm	21.1 mm	19 mm	130 mm	12 mm	50 PCS
5090 12 140	M12	36 mm	7.5 mm	21.1 mm	19 mm	140 mm	12 mm	50 PCS
5090 12 150	M12	36 mm	7.5 mm	21.1 mm	19 mm	150 mm	12 mm	50 PCS
5090 12 160	M12	36 mm	7.5 mm	21.1 mm	19 mm	160 mm	12 mm	50 PCS
5090 14 100	M14	34 mm	8.8 mm	24.49 mm	22 mm	100 mm	14 mm	25 PCS
5090 14 60	M14	34 mm	8.8 mm	24.49 mm	22 mm	60 mm	14 mm	50 PCS
5090 14 70	M14	34 mm	8.8 mm	24.49 mm	22 mm	70 mm	14 mm	50 PCS
5090 14 80	M14	34 mm	8.8 mm	24.49 mm	22 mm	80 mm	14 mm	25 PCS
5090 14 90	M14	34 mm	8.8 mm	24.49 mm	22 mm	90 mm	14 mm	25 PCS
5090 16 100	M16	38 mm	10.0 mm	26.75 mm	24 mm	100 mm	16 mm	25 PCS
5090 16 110	M16	38 mm	10.0 mm	26.75 mm	24 mm	110 mm	16 mm	25 PCS
5090 16 120	M16	38 mm	10.0 mm	26.75 mm	24 mm	120 mm	16 mm	25 PCS
5090 16 50	M16	38 mm	10.0 mm	26.75 mm	24 mm	50 mm	16 mm	25 PCS
5090 16 55	M16	38 mm	10.0 mm	26.75 mm	24 mm	55 mm	16 mm	25 PCS
5090 16 60	M16	38 mm	10.0 mm	26.75 mm	24 mm	60 mm	16 mm	25 PCS
5090 16 65	M16	38 mm	10.0 mm	26.75 mm	24 mm	65 mm	16 mm	25 PCS
5090 16 70	M16	38 mm	10.0 mm	26.75 mm	24 mm	70 mm	16 mm	25 PCS
5090 16 75	M16	38 mm	10.0 mm	26.75 mm	24 mm	75 mm	16 mm	25 PCS
5090 16 80	M16	38 mm	10.0 mm	26.75 mm	24 mm	80 mm	16 mm	25 PCS
5090 16 90	M16	38 mm	10.0 mm	26.75 mm	24 mm	90 mm	16 mm	25 PCS
5090 16 130	M16	44 mm	10.0 mm	26.75 mm	24 mm	130 mm	16 mm	25 PCS
5090 16 140	M16	44 mm	10.0 mm	26.75 mm	24 mm	140 mm	16 mm	25 PCS
5090 16 150	M16	44 mm	10.0 mm	26.75 mm	24 mm	150 mm	16 mm	10 PCS
5090 16 160	M16	44 mm	10.0 mm	26.75 mm	24 mm	160 mm	16 mm	10 PCS
5090 18 100	M18	42 mm	11.5 mm	30.14 mm	27 mm	100 mm	18 mm	25 PCS
5090 18 70	M18	42 mm	11.5 mm	30.14 mm	27 mm	70 mm	18 mm	25 PCS
5090 18 80	M18	42 mm	11.5 mm	30.14 mm	27 mm	80 mm	18 mm	25 PCS
5090 18 90	M18	42 mm	11.5 mm	30.14 mm	27 mm	90 mm	18 mm	25 PCS
5090 20 100	M20	46 mm	12.5 mm	33.53 mm	30 mm	100 mm	20 mm	25 PCS
5090 20 110	M20	46 mm	12.5 mm	33.53 mm	30 mm	110 mm	20 mm	25 PCS
5090 20 120	M20	46 mm	12.5 mm	33.53 mm	30 mm	120 mm	20 mm	25 PCS
5090 20 60	M20	46 mm	12.5 mm	33.53 mm	30 mm	60 mm	20 mm	25 PCS
5090 20 65	M20	46 mm	12.5 mm	33.53 mm	30 mm	65 mm	20 mm	25 PCS
5090 20 70	M20	46 mm	12.5 mm	33.53 mm	30 mm	70 mm	20 mm	25 PCS
5090 20 75	M20	46 mm	12.5 mm	33.53 mm	30 mm	75 mm	20 mm	25 PCS
5090 20 80	M20	46 mm	12.5 mm	33.53 mm	30 mm	80 mm	20 mm	25 PCS
5090 20 90	M20	46 mm	12.5 mm	33.53 mm	30 mm	90 mm	20 mm	25 PCS

Hexagonal bolt DIN 933 A2

DIN: 933
Material: Stainless steel A2
Version: Threaded to head
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0096 4 8	M4	8 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 10	M4	10 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 12	M4	12 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 16	M4	16 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 20	M4	20 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 25	M4	25 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 4 30	M4	30 mm	2.8 mm	7.66 mm	7 mm	4 mm	200 PCS
0096 5 8	M5	8 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 10	M5	10 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 12	M5	12 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 16	M5	16 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 20	M5	20 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 25	M5	25 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 30	M5	30 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 35	M5	35 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 40	M5	40 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 5 50	M5	50 mm	3.5 mm	8.79 mm	8 mm	5 mm	100 PCS
0096 6 10	M6	10 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 12	M6	12 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 16	M6	16 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 20	M6	20 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 25	M6	25 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 30	M6	30 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 35	M6	35 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 40	M6	40 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 45	M6	45 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 50	M6	50 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 60	M6	60 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 70	M6	70 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 6 80	M6	80 mm	4.0 mm	11.05 mm	10 mm	6 mm	100 PCS
0096 8 10	M8	10 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 12	M8	12 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 16	M8	16 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 20	M8	20 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS

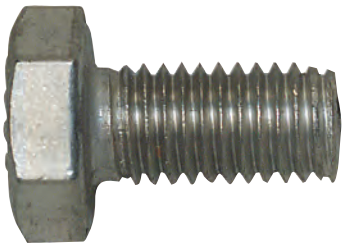
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0096 8 25	M8	25 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 30	M8	30 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 35	M8	35 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 40	M8	40 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 45	M8	45 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 50	M8	50 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 55	M8	55 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 60	M8	60 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 70	M8	70 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 80	M8	80 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 8 90	M8	90 mm	5.3 mm	14.38 mm	13 mm	8 mm	100 PCS
0096 10 16	M10	16 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 45	M10	45 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0096 10 55	M10	55 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0096 10 60	M10	60 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0096 10 65	M10	65 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0096 10 70	M10	70 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0096 10 80	M10	80 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0096 12 20	M12	20 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 25	M12	25 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 30	M12	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 35	M12	35 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 40	M12	40 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 45	M12	45 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 50	M12	50 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 55	M12	55 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 60	M12	60 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 65	M12	65 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0096 12 70	M12	70 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0096 12 80	M12	80 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0096 12 90	M12	90 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0096 12 100	M12	100 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0096 14 30	M14	30 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0096 14 40	M14	40 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0096 14 50	M14	50 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0096 14 60	M14	60 mm	8.8 mm	24.49 mm	22 mm	14 mm	25 PCS
0096 16 25	M16	25 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0096 16 30	M16	30 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0096 16 35	M16	35 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0096 16 40	M16	40 mm	10.0 mm	26.75 mm	24 mm	16 mm	50 PCS
0096 16 45	M16	45 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 50	M16	50 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 55	M16	55 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 60	M16	60 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 65	M16	65 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 70	M16	70 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 80	M16	80 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 90	M16	90 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 100	M16	100 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 16 120	M16	120 mm	10.0 mm	26.75 mm	24 mm	16 mm	25 PCS
0096 18 40	M18	40 mm	11.5 mm	30.1 mm	27 mm	18 mm	25 PCS

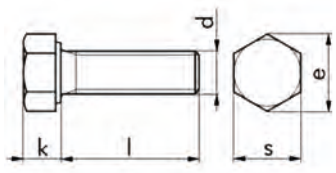
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0096 18 50	M18	50 mm	11.5 mm	30.1 mm	27 mm	18 mm	25 PCS
0096 18 60	M18	60 mm	11.5 mm	30.1 mm	27 mm	18 mm	25 PCS
0096 18 70	M18	70 mm	11.5 mm	30.1 mm	27 mm	18 mm	25 PCS
0096 20 30	M20	30 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 40	M20	40 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 50	M20	50 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 60	M20	60 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 70	M20	70 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 80	M20	80 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS
0096 20 100	M20	100 mm	12.5 mm	33.53 mm	30 mm	20 mm	25 PCS

Hexagonal bolt DIN 933 A4

DIN: 933
Material: Stainless steel A4
Version: Threaded to head
Thread type: Metric thread







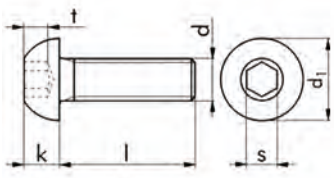
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0091 4 10	M4	10 mm	2.8 mm	7.7 mm	7 mm	4 mm	200 PCS
0091 4 20	M4	20 mm	2.8 mm	7.7 mm	7 mm	4 mm	200 PCS
0091 5 10	M5	10 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 12	M5	12 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 16	M5	16 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 20	M5	20 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 25	M5	25 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 30	M5	30 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 35	M5	35 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 5 40	M5	40 mm	3.5 mm	8.8 mm	8 mm	5 mm	100 PCS
0091 6 10	M6	10 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 12	M6	12 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 16	M6	16 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 20	M6	20 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 25	M6	25 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 30	M6	30 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 35	M6	35 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 40	M6	40 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 6 45	M6	45 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0091 6 50	M6	50 mm	4.0 mm	11.1 mm	10 mm	6 mm	100 PCS
0091 8 12	M8	12 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 16	M8	16 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 20	M8	20 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 25	M8	25 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 30	M8	30 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 35	M8	35 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 40	M8	40 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 45	M8	45 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 50	M8	50 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 8 60	M8	60 mm	5.3 mm	14.4 mm	13 mm	8 mm	100 PCS
0091 10 20	M10	20 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 25	M10	25 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 30	M10	30 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 35	M10	35 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 40	M10	40 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 45	M10	45 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 50	M10	50 mm	6.4 mm	18.9 mm	17 mm	10 mm	100 PCS
0091 10 60	M10	60 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0091 10 70	M10	70 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0091 10 80	M10	80 mm	6.4 mm	18.9 mm	17 mm	10 mm	50 PCS
0091 12 25	M12	25 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 30	M12	30 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 35	M12	35 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 40	M12	40 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 45	M12	45 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 50	M12	50 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 55	M12	55 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 60	M12	60 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 65	M12	65 mm	7.5 mm	21.1 mm	19 mm	12 mm	50 PCS
0091 12 70	M12	70 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0091 12 80	M12	80 mm	7.5 mm	21.1 mm	19 mm	12 mm	25 PCS
0091 16 25	M16	25 mm	10.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0091 16 30	M16	30 mm	10.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0091 16 35	M16	35 mm	10.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0091 16 40	M16	40 mm	10.0 mm	26.8 mm	24 mm	16 mm	50 PCS
0091 16 45	M16	45 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 16 50	M16	50 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 16 55	M16	55 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 16 60	M16	60 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 16 70	M16	70 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 16 80	M16	80 mm	10.0 mm	26.8 mm	24 mm	16 mm	25 PCS
0091 20 40	M20	40 mm	12.5 mm	33.5 mm	30 mm	20 mm	25 PCS
0091 20 50	M20	50 mm	12.5 mm	33.5 mm	30 mm	20 mm	25 PCS
0091 20 60	M20	60 mm	12.5 mm	33.5 mm	30 mm	20 mm	25 PCS
0091 20 70	M20	70 mm	12.5 mm	33.5 mm	30 mm	20 mm	25 PCS
0091 20 80	M20	80 mm	12.5 mm	33.5 mm	30 mm	20 mm	25 PCS

Pan head screw, DIN EN ISO 7380-1 A2-70

ISO: 7380-1
Material: Stainless steel A2
Thread type: Metric thread



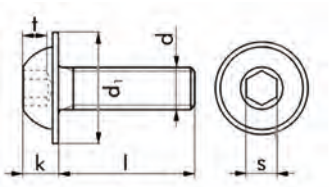


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (d1)	Head height (k)	Drive depth (t)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0092 5 6	M5	6 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 8	M5	8 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 10	M5	10 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 12	M5	12 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 14	M5	14 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 16	M5	16 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 18	M5	18 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 20	M5	20 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 5 25	M5	25 mm	9.5 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0092 6 10	M6	10 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 12	M6	12 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 14	M6	14 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 16	M6	16 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 20	M6	20 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 25	M6	25 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 30	M6	30 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 35	M6	35 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 40	M6	40 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 50	M6	50 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 6 60	M6	60 mm	10.5 mm	3.2 mm	2.4 mm	4 mm	6 mm	100 PCS
0092 8 16	M8	16 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 20	M8	20 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 25	M8	25 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 30	M8	30 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 35	M8	35 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 40	M8	40 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0092 8 50	M8	50 mm	14 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS

Pan head screw with flange, DIN EN ISO 7380-2 A2-70

ISO: 7380-2
Material: Stainless steel A2
Version: With flange
Thread type: Metric thread



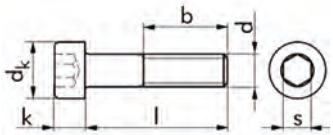


Art. No.	Thread type x nominal diameter (d)	Length (l)	Flange diameter (d1)	Head height (k)	Drive depth (t)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0093 5 10	M5	10 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 5 12	M5	12 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 5 16	M5	16 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 5 20	M5	20 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 5 25	M5	25 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 5 30	M5	30 mm	11.8 mm	2.7 mm	2.2 mm	3 mm	5 mm	100 PCS
0093 6 10	M6	10 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 12	M6	12 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 16	M6	16 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 20	M6	20 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 25	M6	25 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 30	M6	30 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 35	M6	35 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 40	M6	40 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 6 50	M6	50 mm	13.6 mm	3.3 mm	2.4 mm	4 mm	6 mm	100 PCS
0093 8 16	M8	16 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 20	M8	20 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 25	M8	25 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 30	M8	30 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 35	M8	35 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 40	M8	40 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS
0093 8 50	M8	50 mm	17.8 mm	4.4 mm	3.1 mm	5 mm	8 mm	100 PCS

Cheese-head screw DIN 912 A2

DIN: 912
Material: Stainless steel A2
Thread type: Metric thread





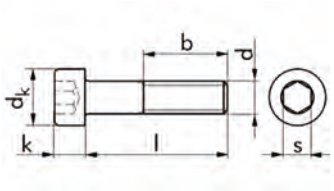
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0094 3 10	M3	10 mm	10 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	200 PCS
0094 3 12	M3	12 mm	12 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	200 PCS
0094 3 16	M3	16 mm	16 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	200 PCS
0094 3 20	M3	20 mm	18 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	200 PCS
0094 3 25	M3	25 mm	18 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	200 PCS
0094 4 8	M4	8 mm	8 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 10	M4	10 mm	10 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 12	M4	12 mm	12 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 16	M4	16 mm	16 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 20	M4	20 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 25	M4	25 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 30	M4	30 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 35	M4	35 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 40	M4	40 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 45	M4	45 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 4 50	M4	50 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	200 PCS
0094 5 8	M5	8 mm	8 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 10	M5	10 mm	10 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 12	M5	12 mm	12 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 16	M5	16 mm	16 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 20	M5	20 mm	20 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 25	M5	25 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 30	M5	30 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 35	M5	35 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 40	M5	40 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 45	M5	45 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 50	M5	50 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 5 60	M5	60 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	100 PCS
0094 6 10	M6	10 mm	10 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 12	M6	12 mm	12 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 16	M6	16 mm	16 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 20	M6	20 mm	20 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 25	M6	25 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 30	M6	30 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 35	M6	35 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 40	M6	40 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 45	M6	45 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0094 6 50	M6	50 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 60	M6	60 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
0094 6 70	M6	70 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	50 PCS
0094 6 80	M6	80 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	50 PCS
0094 6 100	M6	100 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	50 PCS
0094 8 16	M8	16 mm	16 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 20	M8	20 mm	20 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 25	M8	25 mm	25 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 30	M8	30 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 35	M8	35 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 40	M8	40 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 45	M8	45 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 50	M8	50 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 60	M8	60 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 65	M8	65 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
0094 8 70	M8	70 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
0094 8 80	M8	80 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
0094 8 100	M8	100 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
0094 8 120	M8	120 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
0094 10 20	M10	20 mm	20 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 25	M10	25 mm	25 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 30	M10	30 mm	30 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 35	M10	35 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 40	M10	40 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 45	M10	45 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
0094 10 50	M10	50 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 10 60	M10	60 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 10 70	M10	70 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 10 80	M10	80 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 10 90	M10	90 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 10 100	M10	100 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
0094 12 20	M12	20 mm	20 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 25	M12	25 mm	25 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 30	M12	30 mm	30 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 35	M12	35 mm	35 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 40	M12	40 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 45	M12	45 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 50	M12	50 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 60	M12	60 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
0094 12 70	M12	70 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	25 PCS
0094 12 80	M12	80 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	25 PCS
0094 16 50	M16	50 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
0094 16 60	M16	60 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
0094 16 70	M16	70 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
0094 16 80	M16	80 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
0094 16 100	M16	100 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
0094 16 120	M16	120 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	10 PCS

Cheese-head screw DIN 912 A4

DIN: 912
Material: Stainless steel A4
Thread type: Metric thread





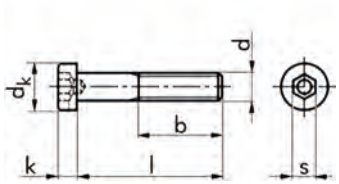
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5097 3 10	M3	10 mm	10 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	1000 PCS
5097 3 12	M3	12 mm	12 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	1000 PCS
5097 3 16	M3	16 mm	16 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	1000 PCS
5097 3 20	M3	20 mm	18 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	1000 PCS
5097 3 25	M3	25 mm	18 mm	5.5 mm	3.0 mm	2.5 mm	3 mm	1000 PCS
5097 4 8	M4	8 mm	8 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 10	M4	10 mm	10 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 12	M4	12 mm	12 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 16	M4	16 mm	16 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 20	M4	20 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 25	M4	25 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	1000 PCS
5097 4 30	M4	30 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	500 PCS
5097 4 35	M4	35 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	500 PCS
5097 4 40	M4	40 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	500 PCS
5097 4 45	M4	45 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	500 PCS
5097 4 50	M4	50 mm	20 mm	7 mm	4.0 mm	3 mm	4 mm	500 PCS
5097 5 8	M5	8 mm	8 mm	8.5 mm	5.0 mm	4 mm	5 mm	1000 PCS
5097 5 10	M5	10 mm	10 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 12	M5	12 mm	12 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 16	M5	16 mm	16 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 20	M5	20 mm	20 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 25	M5	25 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 30	M5	30 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 35	M5	35 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 40	M5	40 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	500 PCS
5097 5 45	M5	45 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	200 PCS
5097 5 50	M5	50 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	200 PCS
5097 5 60	M5	60 mm	22 mm	8.5 mm	5.0 mm	4 mm	5 mm	200 PCS
5097 6 10	M6	10 mm	10 mm	10 mm	6.0 mm	5 mm	6 mm	500 PCS
5097 6 12	M6	12 mm	12 mm	10 mm	6.0 mm	5 mm	6 mm	500 PCS
5097 6 16	M6	16 mm	16 mm	10 mm	6.0 mm	5 mm	6 mm	500 PCS
5097 6 20	M6	20 mm	20 mm	10 mm	6.0 mm	5 mm	6 mm	500 PCS
5097 6 25	M6	25 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	500 PCS
5097 6 30	M6	30 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 35	M6	35 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 40	M6	40 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 45	M6	45 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5097 6 50	M6	50 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 60	M6	60 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 70	M6	70 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	200 PCS
5097 6 80	M6	80 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
5097 6 100	M6	100 mm	24 mm	10 mm	6.0 mm	5 mm	6 mm	100 PCS
5097 8 16	M8	16 mm	16 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 20	M8	20 mm	20 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 25	M8	25 mm	25 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 30	M8	30 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 35	M8	35 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 40	M8	40 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	200 PCS
5097 8 45	M8	45 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
5097 8 50	M8	50 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
5097 8 60	M8	60 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
5097 8 70	M8	70 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
5097 8 80	M8	80 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	100 PCS
5097 8 100	M8	100 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
5097 8 120	M8	120 mm	28 mm	13 mm	8.0 mm	6 mm	8 mm	50 PCS
5097 10 20	M10	20 mm	20 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 25	M10	25 mm	25 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 30	M10	30 mm	30 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 35	M10	35 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 40	M10	40 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 45	M10	45 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	100 PCS
5097 10 50	M10	50 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 10 60	M10	60 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 10 70	M10	70 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 10 80	M10	80 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 10 90	M10	90 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 10 100	M10	100 mm	32 mm	16 mm	10.0 mm	8 mm	10 mm	50 PCS
5097 12 20	M12	20 mm	20 mm	18 mm	12.0 mm	10 mm	12 mm	100 PCS
5097 12 25	M12	25 mm	25 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 30	M12	30 mm	30 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 35	M12	35 mm	35 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 40	M12	40 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 45	M12	45 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 50	M12	50 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 60	M12	60 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 70	M12	70 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	50 PCS
5097 12 80	M12	80 mm	36 mm	18 mm	12.0 mm	10 mm	12 mm	25 PCS
5097 16 50	M16	50 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
5097 16 60	M16	60 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
5097 16 70	M16	70 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
5097 16 80	M16	80 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
5097 16 100	M16	100 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS
5097 16 120	M16	120 mm	44 mm	24 mm	16.0 mm	14 mm	16 mm	25 PCS

Cheese-head screw DIN 6912 A2

DIN: 6912
Material: Stainless steel A2
Head type: Low head, with key guide
Thread type: Metric thread



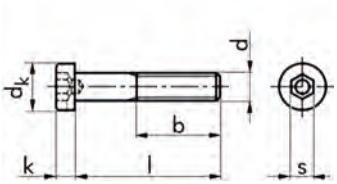


Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0098 4 8	M4	8 mm	8 mm	7 mm	2.8 mm	3 mm	4 mm	100 PCS
0098 4 10	M4	10 mm	10 mm	7 mm	2.8 mm	3 mm	4 mm	100 PCS
0098 4 12	M4	12 mm	12 mm	7 mm	2.8 mm	3 mm	4 mm	100 PCS
0098 4 16	M4	16 mm	16 mm	7 mm	2.8 mm	3 mm	4 mm	100 PCS
0098 5 10	M5	10 mm	10 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 5 12	M5	12 mm	12 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 5 16	M5	16 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 5 20	M5	20 mm	20 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 5 25	M5	25 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 5 30	M5	30 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	100 PCS
0098 6 10	M6	10 mm	10 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 12	M6	12 mm	12 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 16	M6	16 mm	16 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 20	M6	20 mm	20 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 25	M6	25 mm	25 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 30	M6	30 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 35	M6	35 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 40	M6	40 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 6 50	M6	50 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
0098 8 16	M8	16 mm	16 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS
0098 8 20	M8	20 mm	20 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS
0098 8 25	M8	25 mm	25 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS
0098 8 30	M8	30 mm	30 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS
0098 8 35	M8	35 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS

Cheese-head screw DIN 6912 A4

DIN: 6912
Material: Stainless steel A4
Head type: Low head, with key guide
Thread type: Metric thread

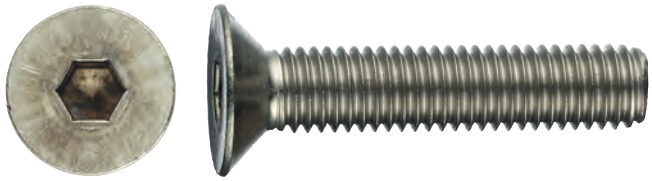


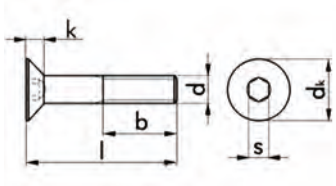


Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5099 4 8	M4	8 mm	8 mm	7 mm	2.8 mm	3 mm	4 mm	1000 PCS
5099 4 10	M4	10 mm	10 mm	7 mm	2.8 mm	3 mm	4 mm	1000 PCS
5099 4 12	M4	12 mm	12 mm	7 mm	2.8 mm	3 mm	4 mm	1000 PCS
5099 4 16	M4	16 mm	14 mm	7 mm	2.8 mm	3 mm	4 mm	1000 PCS
5099 4 20	M4	20 mm	14 mm	7 mm	2.8 mm	3 mm	4 mm	500 PCS
5099 4 25	M4	25 mm	14 mm	7 mm	2.8 mm	3 mm	4 mm	500 PCS
5099 4 30	M4	30 mm	14 mm	7 mm	2.8 mm	3 mm	4 mm	500 PCS
5099 4 35	M4	35 mm	14 mm	7 mm	2.8 mm	3 mm	4 mm	200 PCS
5099 5 10	M5	10 mm	10 mm	8 mm	3.5 mm	4 mm	5 mm	500 PCS
5099 5 12	M5	12 mm	12 mm	8 mm	3.5 mm	4 mm	5 mm	500 PCS
5099 5 16	M5	16 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	500 PCS
5099 5 20	M5	20 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	500 PCS
5099 5 25	M5	25 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	200 PCS
5099 5 30	M5	30 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	200 PCS
5099 5 35	M5	35 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	200 PCS
5099 5 40	M5	40 mm	16 mm	8 mm	3.5 mm	4 mm	5 mm	200 PCS
5099 6 10	M6	10 mm	10 mm	10 mm	4.0 mm	5 mm	6 mm	500 PCS
5099 6 12	M6	12 mm	12 mm	10 mm	4.0 mm	5 mm	6 mm	500 PCS
5099 6 16	M6	16 mm	16 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 20	M6	20 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 25	M6	25 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 30	M6	30 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 35	M6	35 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 40	M6	40 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	200 PCS
5099 6 45	M6	45 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
5099 6 50	M6	50 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
5099 6 60	M6	60 mm	18 mm	10 mm	4.0 mm	5 mm	6 mm	100 PCS
5099 8 16	M8	16 mm	16 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 20	M8	20 mm	20 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 25	M8	25 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 30	M8	30 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 35	M8	35 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 40	M8	40 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 45	M8	45 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 50	M8	50 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 60	M8	60 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	200 PCS
5099 8 80	M8	80 mm	22 mm	13 mm	5.0 mm	6 mm	8 mm	100 PCS

Countersunk head screws, DIN 7991 A2

ISO: 10642
Material: Stainless steel A2
Thread type: Metric thread





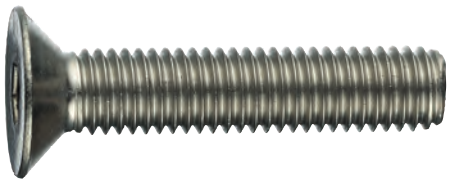
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0100 4 8	M4	8 mm	8 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 10	M4	10 mm	10 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 12	M4	12 mm	12 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 16	M4	16 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 20	M4	20 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 25	M4	25 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 30	M4	30 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 4 40	M4	40 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	100 PCS
0100 5 10	M5	10 mm	10 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 12	M5	12 mm	12 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 16	M5	16 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 20	M5	20 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 25	M5	25 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 30	M5	30 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 35	M5	35 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 40	M5	40 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 50	M5	50 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 5 60	M5	60 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	100 PCS
0100 6 10	M6	10 mm	10 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 12	M6	12 mm	12 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 16	M6	16 mm	16 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 20	M6	20 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 25	M6	25 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 30	M6	30 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 35	M6	35 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 40	M6	40 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 45	M6	45 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 50	M6	50 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 60	M6	60 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 6 80	M6	80 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
0100 8 16	M8	16 mm	16 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 20	M8	20 mm	20 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 25	M8	25 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 30	M8	30 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 35	M8	35 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS

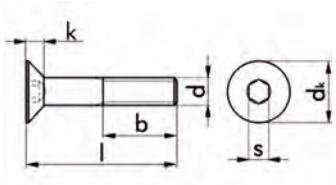
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
0100 8 40	M8	40 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 45	M8	45 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 50	M8	50 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 60	M8	60 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 70	M8	70 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 80	M8	80 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 8 100	M8	100 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
0100 10 20	M10	20 mm	20 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 25	M10	25 mm	25 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 30	M10	30 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 35	M10	35 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 40	M10	40 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 50	M10	50 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 60	M10	60 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
0100 10 70	M10	70 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
0100 10 80	M10	80 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
0100 10 100	M10	100 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
0100 12 20	M12	20 mm	20 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 25	M12	25 mm	25 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 30	M12	30 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 35	M12	35 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 40	M12	40 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 50	M12	50 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS
0100 12 60	M12	60 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	100 PCS

Countersunk head screws, DIN 7991 A4

ISO: 10642
Material: Stainless steel A4
Thread type: Metric thread







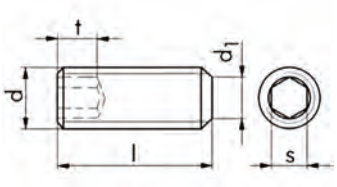
Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
5299 4 8	M4	8 mm	8 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	1000 PCS
5299 4 10	M4	10 mm	10 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	1000 PCS
5299 4 12	M4	12 mm	12 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	1000 PCS
5299 4 16	M4	16 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	1000 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Head diameter (dk)	Head height (k)	Width across flats (s)	Nominal diameter	Pitch (p)	Packaging unit (VPE)
5299 4 20	M4	20 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	500 PCS
5299 4 25	M4	25 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	500 PCS
5299 4 30	M4	30 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	200 PCS
5299 4 40	M4	40 mm	14 mm	8.96 mm	2.48 mm	2.5 mm	4 mm	0.7 mm	200 PCS
5299 5 10	M5	10 mm	10 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	500 PCS
5299 5 12	M5	12 mm	12 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	500 PCS
5299 5 16	M5	16 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	500 PCS
5299 5 20	M5	20 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	500 PCS
5299 5 25	M5	25 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	500 PCS
5299 5 30	M5	30 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
5299 5 35	M5	35 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
5299 5 40	M5	40 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
5299 5 50	M5	50 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
5299 5 60	M5	60 mm	16 mm	11.20 mm	3.1 mm	3 mm	5 mm	0.8 mm	200 PCS
5299 6 10	M6	10 mm	10 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	500 PCS
5299 6 12	M6	12 mm	12 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	500 PCS
5299 6 16	M6	16 mm	16 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	500 PCS
5299 6 20	M6	20 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
5299 6 25	M6	25 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
5299 6 30	M6	30 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
5299 6 35	M6	35 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
5299 6 40	M6	40 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	200 PCS
5299 6 45	M6	45 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
5299 6 50	M6	50 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
5299 6 60	M6	60 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
5299 6 80	M6	80 mm	18 mm	13.44 mm	3.72 mm	4 mm	6 mm	1 mm	100 PCS
5299 8 16	M8	16 mm	16 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 20	M8	20 mm	20 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 25	M8	25 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 30	M8	30 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 35	M8	35 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 40	M8	40 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 45	M8	45 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	200 PCS
5299 8 50	M8	50 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
5299 8 60	M8	60 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
5299 8 70	M8	70 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
5299 8 80	M8	80 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
5299 8 100	M8	100 mm	22 mm	17.92 mm	4.96 mm	5 mm	8 mm	1.25 mm	100 PCS
5299 10 20	M10	20 mm	20 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 25	M10	25 mm	25 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 30	M10	30 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 35	M10	35 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 40	M10	40 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 50	M10	50 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 60	M10	60 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	100 PCS
5299 10 70	M10	70 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
5299 10 80	M10	80 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
5299 10 100	M10	100 mm	26 mm	22.4 mm	6.2 mm	6 mm	10 mm	1.5 mm	50 PCS
5299 12 20	M12	20 mm	20 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 25	M12	25 mm	25 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 30	M12	30 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 35	M12	35 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 40	M12	40 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 50	M12	50 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS
5299 12 60	M12	60 mm	30 mm	26.88 mm	7.44 mm	8 mm	12 mm	1.75 mm	50 PCS

Set screw with flat point, DIN 913 A2

DIN: 913
Material: Stainless steel A2
Version: With flat point
Thread type: Metric thread



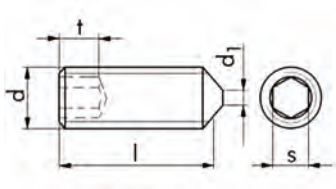


Art. No.	Thread type x nominal diameter (d)	Length (l)	Diameter of flat point (d1)	Drive depth (t)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0261 4 5	M4	5 mm	2.5 mm	1.5 mm	2 mm	4 mm	100 PCS
0261 4 6	M4	6 mm	2.5 mm	1.5 mm	2 mm	4 mm	100 PCS
0261 4 8	M4	8 mm	2.5 mm	1.5 mm	2 mm	4 mm	100 PCS
0261 4 10	M4	10 mm	2.5 mm	1.5 mm	2 mm	4 mm	100 PCS
0261 4 12	M4	12 mm	2.5 mm	1.5 mm	2 mm	4 mm	100 PCS
0261 5 5	M5	5 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 5 6	M5	6 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 5 8	M5	8 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 5 10	M5	10 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 5 12	M5	12 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 5 16	M5	16 mm	3.5 mm	2 mm	2.5 mm	5 mm	100 PCS
0261 6 6	M6	6 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 8	M6	8 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 10	M6	10 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 12	M6	12 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 16	M6	16 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 20	M6	20 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 25	M6	25 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 6 30	M6	30 mm	4 mm	2 mm	3 mm	6 mm	100 PCS
0261 8 8	M8	8 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 10	M8	10 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 12	M8	12 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 16	M8	16 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 20	M8	20 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 25	M8	25 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS
0261 8 30	M8	30 mm	5.5 mm	3 mm	4 mm	8 mm	100 PCS

Set screw with tip DIN 914 A2

DIN: 914
Material: Stainless steel A2
Version: With tip
Thread type: Metric thread



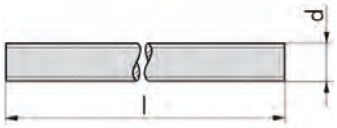


Art. No.	Thread type x nominal diameter (d)	Length (l)	Tip diameter (d1)	Width across flats (s)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0262 4 5	M4	5 mm		2 mm	1.5 mm	4 mm	100 PCS
0262 4 6	M4	6 mm		2 mm	1.5 mm	4 mm	100 PCS
0262 4 8	M4	8 mm		2 mm	1.5 mm	4 mm	100 PCS
0262 4 10	M4	10 mm		2 mm	1.5 mm	4 mm	100 PCS
0262 5 5	M5	5 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 5 6	M5	6 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 5 8	M5	8 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 5 10	M5	10 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 5 12	M5	12 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 5 16	M5	16 mm		2.5 mm	2 mm	5 mm	100 PCS
0262 6 6	M6	6 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 8	M6	8 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 10	M6	10 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 12	M6	12 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 16	M6	16 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 20	M6	20 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 6 25	M6	25 mm	1.5 mm	3 mm	2 mm	6 mm	100 PCS
0262 8 8	M8	8 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 10	M8	10 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 12	M8	12 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 16	M8	16 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 20	M8	20 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 25	M8	25 mm	2 mm	4 mm	3 mm	8 mm	100 PCS
0262 8 30	M8	30 mm	2 mm	4 mm	3 mm	8 mm	100 PCS

Threaded rod, DIN 976-1, A2-70

Length (l): 1000 mm
DIN: 976-1
Material: Stainless steel A2
Thread type: Metric thread





Art. No.	Thread type x nominal diameter (d)	Nominal diameter	Package size	Packaging unit (VPE)
0954 4	M4	4 mm	100	1 PCS
0954 5	M5	5 mm	100	1 PCS
0954 6	M6	6 mm	100	1 PCS
0954 8	M8	8 mm	50	1 PCS
0954 10	M10	10 mm	25	1 PCS
0954 12	M12	12 mm	20	1 PCS
0954 14	M14	14 mm	10	1 PCS
0954 16	M16	16 mm	10	1 PCS
0954 18	M18	18 mm	10	1 PCS
0954 20	M20	20 mm	20	1 PCS
0954 24	M24	24 mm		1 PCS

Threaded rod, DIN 976-1 A4

Length (l): 1000 mm
DIN: 976-1
Material: Stainless steel A4
Thread type: Metric thread

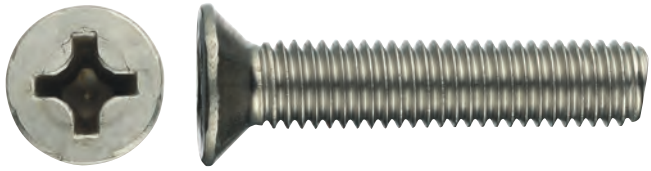


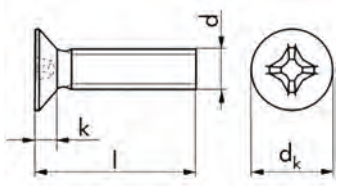


Art. No.	Thread type x nominal diameter (d)	Nominal diameter	Package size	Packaging unit (VPE)
0953 6	M6	6 mm	100	1 PCS
0953 8	M8	8 mm	50	1 PCS
0953 10	M10	10 mm	25	1 PCS
0953 12	M12	12 mm	20	1 PCS
0953 14	M14	14 mm	10	1 PCS
0953 16	M16	16 mm	10	1 PCS
0953 20	M20	20 mm	10	1 PCS
0953 24	M24	24 mm		1 PCS

Countersunk head screw DIN 965 A2

DIN: 965
Material: Stainless steel A2
Version: Threaded to head
Form: A
Thread type: Metric thread



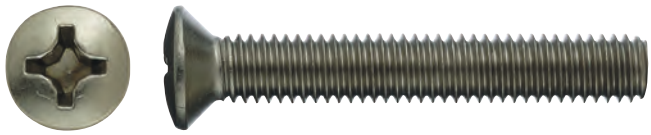


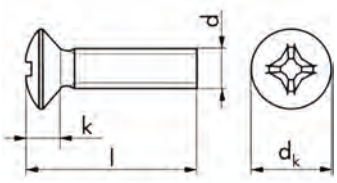
Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Nominal diameter	Packaging unit (VPE)
0281 3 6	M3	6 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 8	M3	8 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 10	M3	10 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 12	M3	12 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 16	M3	16 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 20	M3	20 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 3 30	M3	30 mm	5.6 mm	1.65 mm	H1	3 mm	500 PCS
0281 4 6	M4	6 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 8	M4	8 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 10	M4	10 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 12	M4	12 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 16	M4	16 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 20	M4	20 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 25	M4	25 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 30	M4	30 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0281 4 40	M4	40 mm	7.5 mm	2.2 mm	H2	4 mm	200 PCS
0281 5 8	M5	8 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 10	M5	10 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 12	M5	12 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 16	M5	16 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 20	M5	20 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 25	M5	25 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 30	M5	30 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 35	M5	35 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 40	M5	40 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 50	M5	50 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0281 5 60	M5	60 mm	9.2 mm	2.5 mm	H2	5 mm	100 PCS
0281 5 70	M5	70 mm	9.2 mm	2.5 mm	H2	5 mm	100 PCS
0281 6 10	M6	10 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 12	M6	12 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 16	M6	16 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 20	M6	20 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 25	M6	25 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 30	M6	30 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 35	M6	35 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 40	M6	40 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0281 6 50	M6	50 mm	11 mm	3.0 mm	H3	6 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Nominal diameter	Packaging unit (VPE)
0281 6 60	M6	60 mm	11 mm	3.0 mm	H3	6 mm	100 PCS
0281 6 70	M6	70 mm	11 mm	3.0 mm	H3	6 mm	100 PCS
0281 6 80	M6	80 mm	11 mm	3.0 mm	H3	6 mm	100 PCS
0281 8 16	M8	16 mm	14.5 mm	4.0 mm	H4	8 mm	200 PCS
0281 8 20	M8	20 mm	14.5 mm	4.0 mm	H4	8 mm	200 PCS
0281 8 25	M8	25 mm	14.5 mm	4.0 mm	H4	8 mm	200 PCS
0281 8 30	M8	30 mm	14.5 mm	4.0 mm	H4	8 mm	200 PCS
0281 8 35	M8	35 mm	14.5 mm	4.0 mm	H4	8 mm	100 PCS
0281 8 40	M8	40 mm	14.5 mm	4.0 mm	H4	8 mm	100 PCS
0281 8 50	M8	50 mm	14.5 mm	4.0 mm	H4	8 mm	100 PCS
0281 8 60	M8	60 mm	14.5 mm	4.0 mm	H4	8 mm	100 PCS

Raised countersunk head screw, DIN 966 A2

DIN: 966
Material: Stainless steel A2
Version: Threaded to head
Form: A
Thread type: Metric thread

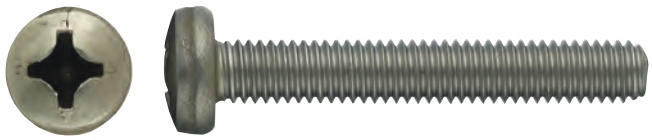


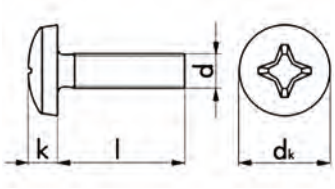


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Nominal diameter	Packaging unit (VPE)
0282 4 10	M4	10 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0282 4 16	M4	16 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0282 4 20	M4	20 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0282 4 25	M4	25 mm	7.5 mm	2.2 mm	H2	4 mm	500 PCS
0282 5 10	M5	10 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 5 12	M5	12 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 5 16	M5	16 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 5 20	M5	20 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 5 25	M5	25 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 5 30	M5	30 mm	9.2 mm	2.5 mm	H2	5 mm	200 PCS
0282 6 16	M6	16 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0282 6 20	M6	20 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0282 6 30	M6	30 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0282 6 40	M6	40 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0282 6 50	M6	50 mm	11 mm	3.0 mm	H3	6 mm	200 PCS
0282 6 60	M6	60 mm	11 mm	3.0 mm	H3	6 mm	100 PCS

Pan head screw, DIN 7985 A2

DIN: 7985
Material: Stainless steel A2
Thread type: Metric thread



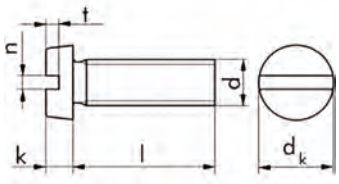


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Nominal diameter	Packaging unit (VPE)
0283 4 6	M4	6 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 8	M4	8 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 10	M4	10 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 12	M4	12 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 16	M4	16 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 20	M4	20 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 25	M4	25 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 4 30	M4	30 mm	8 mm	3.1 mm	H2	4 mm	500 PCS
0283 5 8	M5	8 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 10	M5	10 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 12	M5	12 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 16	M5	16 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 20	M5	20 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 25	M5	25 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 30	M5	30 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 40	M5	40 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 5 50	M5	50 mm	10 mm	3.8 mm	H2	5 mm	200 PCS
0283 6 10	M6	10 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 12	M6	12 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 16	M6	16 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 20	M6	20 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 25	M6	25 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 30	M6	30 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 35	M6	35 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 40	M6	40 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 50	M6	50 mm	12 mm	4.6 mm	H3	6 mm	200 PCS
0283 6 60	M6	60 mm	12 mm	4.6 mm	H3	6 mm	100 PCS

Cheese-head screw DIN 84 A2

DIN: 84
Material: Stainless steel A2
Form: A
Thread type: Metric thread



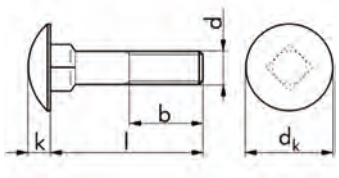


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Slot width (n)	Drive depth (t)	Nominal diameter	Packaging unit (VPE)
0287 3 10	M3	10 mm	5.5 mm	2.0 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0287 3 16	M3	16 mm	5.5 mm	2.0 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0287 3 20	M3	20 mm	5.5 mm	2.0 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0287 3 25	M3	25 mm	5.5 mm	2.0 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0287 3 30	M3	30 mm	5.5 mm	2.0 mm	0.8 mm	0.85 mm	3 mm	500 PCS
0287 4 8	M4	8 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 10	M4	10 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 16	M4	16 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 20	M4	20 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 25	M4	25 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 30	M4	30 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 4 35	M4	35 mm	7 mm	2.6 mm	1.2 mm	1.1 mm	4 mm	500 PCS
0287 5 10	M5	10 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 16	M5	16 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 20	M5	20 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 25	M5	25 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 30	M5	30 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 40	M5	40 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 5 45	M5	45 mm	8.5 mm	3.3 mm	1.2 mm	1.3 mm	5 mm	200 PCS
0287 6 10	M6	10 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 16	M6	16 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 20	M6	20 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 25	M6	25 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 30	M6	30 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 40	M6	40 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS
0287 6 50	M6	50 mm	10 mm	3.9 mm	1.6 mm	1.6 mm	6 mm	200 PCS

Round head screw, DIN 603 A2

DIN: 603
Material: Stainless steel A2
Version: With a square neck, without hexagon nut
Thread type: Metric thread



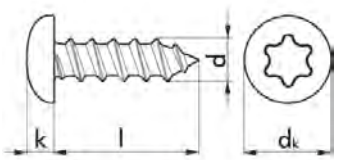


Art. No.	Thread type x nominal diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Thread length (metric thread) (b)	Nominal diameter	Packaging unit (VPE)
0226 6 20	M6	20 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 25	M6	25 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 30	M6	30 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 35	M6	35 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 40	M6	40 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 50	M6	50 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 6 60	M6	60 mm	16.55 mm	3.88 mm	18 mm	6 mm	100 PCS
0226 8 20	M8	20 mm	20.65 mm	4.88 mm	20 mm	8 mm	100 PCS
0226 8 25	M8	25 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 30	M8	30 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 35	M8	35 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 40	M8	40 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 45	M8	45 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 50	M8	50 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 8 60	M8	60 mm	20.65 mm	4.88 mm	22 mm	8 mm	100 PCS
0226 10 20	M10	20 mm	24.65 mm	5.38 mm	20 mm	10 mm	50 PCS
0226 10 30	M10	30 mm	24.65 mm	5.38 mm	26 mm	10 mm	50 PCS
0226 10 40	M10	40 mm	24.65 mm	5.38 mm	26 mm	10 mm	50 PCS
0226 10 50	M10	50 mm	24.65 mm	5.38 mm	26 mm	10 mm	50 PCS
0226 10 60	M10	60 mm	24.65 mm	5.38 mm	26 mm	10 mm	50 PCS

Pan head tapping screw, DIN 7981, galvanised, A2 type

DIN: 7981
Material: Stainless steel A2
Surface: Bare
Form: C





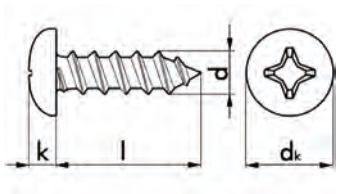
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
5119 29 95	2.9 mm	9.5 mm	5.6 mm	2.2 mm	TX10	1000 PCS
5119 29 13	2.9 mm	13 mm	5.6 mm	2.2 mm	TX10	1000 PCS
5119 29 16	2.9 mm	16 mm	5.6 mm	2.2 mm	TX10	1000 PCS
5119 29 19	2.9 mm	19 mm	5.6 mm	2.2 mm	TX10	1000 PCS
5119 35 95	3.5 mm	9.5 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 13	3.5 mm	13 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 16	3.5 mm	16 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 19	3.5 mm	19 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 25	3.5 mm	19 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 32	3.5 mm	32 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 35 38	3.5 mm	38 mm	6.9 mm	2.6 mm	TX15	1000 PCS
5119 39 95	3.9 mm	9.5 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 13	3.9 mm	13 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 16	3.9 mm	16 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 19	3.9 mm	19 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 22	3.9 mm	22 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 25	3.9 mm	25 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 32	3.9 mm	32 mm	7.5 mm	2.8 mm	TX15	1000 PCS
5119 39 38	3.9 mm	38 mm	7.5 mm	2.8 mm	TX15	500 PCS
5119 39 50	3.9 mm	50 mm	7.5 mm	2.8 mm	TX15	500 PCS
5119 42 95	4.2 mm	9.5 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 13	4.2 mm	13 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 16	4.2 mm	16 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 19	4.2 mm	19 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 22	4.2 mm	22 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 25	4.2 mm	25 mm	8.2 mm	3.05 mm	TX20	1000 PCS
5119 42 32	4.2 mm	32 mm	8.2 mm	3.05 mm	TX20	500 PCS
5119 42 38	4.2 mm	38 mm	8.2 mm	3.05 mm	TX20	500 PCS
5119 42 45	4.2 mm	45 mm	8.2 mm	3.05 mm	TX20	500 PCS
5119 42 50	4.2 mm	50 mm	8.2 mm	3.05 mm	TX20	200 PCS
5119 42 60	4.2 mm	60 mm	8.2 mm	3.05 mm	TX20	200 PCS
5119 48 13	4.8 mm	13 mm	9.5 mm	3.55 mm	TX25	1000 PCS
5119 48 16	4.8 mm	16 mm	9.5 mm	3.55 mm	TX25	1000 PCS
5119 48 19	4.8 mm	19 mm	9.5 mm	3.55 mm	TX25	1000 PCS
5119 48 22	4.8 mm	22 mm	9.5 mm	3.55 mm	TX25	1000 PCS
5119 48 25	4.8 mm	25 mm	9.5 mm	3.55 mm	TX25	500 PCS
5119 48 32	4.8 mm	32 mm	9.5 mm	3.55 mm	TX25	500 PCS
5119 48 38	4.8 mm	38 mm	9.5 mm	3.55 mm	TX25	500 PCS
5119 48 45	4.8 mm	45 mm	9.5 mm	3.55 mm	TX25	200 PCS
5119 48 50	4.8 mm	50 mm	9.5 mm	3.55 mm	TX25	200 PCS

Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
5119 48 60	4.8 mm	60 mm	9.5 mm	3.55 mm	TX25	200 PCS
5119 55 16	5.5 mm	16 mm	10.8 mm	3.95 mm	TX25	1000 PCS
5119 55 19	5.5 mm	19 mm	10.8 mm	3.95 mm	TX25	1000 PCS
5119 55 22	5.5 mm	22 mm	10.8 mm	3.95 mm	TX25	1000 PCS
5119 55 25	5.5 mm	25 mm	10.8 mm	3.95 mm	TX25	500 PCS
5119 55 32	5.5 mm	32 mm	10.8 mm	3.95 mm	TX25	500 PCS
5119 55 38	5.5 mm	38 mm	10.8 mm	3.95 mm	TX25	500 PCS
5119 55 45	5.5 mm	45 mm	10.8 mm	3.95 mm	TX25	200 PCS
5119 55 50	5.5 mm	50 mm	10.8 mm	3.95 mm	TX25	200 PCS
5119 55 60	5.5 mm	60 mm	10.8 mm	3.95 mm	TX25	200 PCS
5119 63 16	6.3 mm	16 mm	12.5 mm	5.5 mm	TX30	500 PCS
5119 63 19	6.3 mm	19 mm	12.5 mm	5.5 mm	TX30	500 PCS
5119 63 25	6.3 mm	25 mm	12.5 mm	5.5 mm	TX30	200 PCS
5119 63 32	6.3 mm	32 mm	12.5 mm	5.5 mm	TX30	200 PCS
5119 63 45	6.3 mm	45 mm	12.5 mm	5.5 mm	TX30	200 PCS
5119 63 50	6.3 mm	50 mm	12.5 mm	5.5 mm	TX30	200 PCS
5119 63 60	6.3 mm	60 mm	12.5 mm	5.5 mm	TX30	200 PCS

Pan head tapping screw, DIN 7981, galvanised, A2 type C

DIN: 7981
Material: Stainless steel A2
Surface: Bare
Form: C





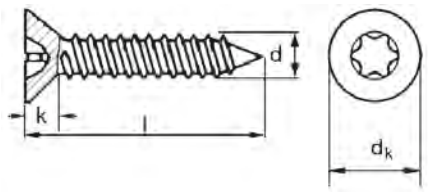
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0119 35 95	3.5 mm	9.5 mm	6.9 mm	2.6 mm	H2	250 PCS
0119 35 13	3.5 mm	13 mm	6.9 mm	2.6 mm	H2	250 PCS
0119 35 16	3.5 mm	16 mm	6.9 mm	2.6 mm	H2	250 PCS
0119 35 19	3.5 mm	19 mm	6.9 mm	2.6 mm	H2	250 PCS
0119 39 95	3.9 mm	9.5 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 13	3.9 mm	13 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 16	3.9 mm	16 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 19	3.9 mm	19 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 22	3.9 mm	22 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 25	3.9 mm	25 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 32	3.9 mm	32 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 39 38	3.9 mm	38 mm	7.5 mm	2.8 mm	H2	250 PCS
0119 42 95	4.2 mm	9.5 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 13	4.2 mm	13 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 16	4.2 mm	16 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 19	4.2 mm	19 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 22	4.2 mm	22 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 25	4.2 mm	25 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 32	4.2 mm	32 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 38	4.2 mm	38 mm	8.2 mm	3.05 mm	H2	250 PCS

Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0119 42 45	4.2 mm	45 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 42 50	4.2 mm	50 mm	8.2 mm	3.05 mm	H2	250 PCS
0119 48 95	4.8 mm	9.5 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 13	4.8 mm	13 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 16	4.8 mm	16 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 19	4.8 mm	19 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 22	4.8 mm	22 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 25	4.8 mm	25 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 32	4.8 mm	32 mm	9.5 mm	3.55 mm	H2	250 PCS
0119 48 38	4.8 mm	38 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 45	4.8 mm	45 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 50	4.8 mm	50 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 60	4.8 mm	60 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 70	4.8 mm	70 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 80	4.8 mm	80 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 90	4.8 mm	90 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 48 100	4.8 mm	100 mm	9.5 mm	3.55 mm	H2	100 PCS
0119 55 16	5.5 mm	16 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 19	5.5 mm	19 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 22	5.5 mm	22 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 25	5.5 mm	25 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 32	5.5 mm	32 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 38	5.5 mm	38 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 45	5.5 mm	45 mm	10.8 mm	3.95 mm	H3	100 PCS
0119 55 50	5.5 mm	50 mm	10.8 mm	3.95 mm	H3	100 PCS

Countersunk head tapping screw, DIN 7982 A2, type C

DIN: Similar to 7982
Material: Stainless steel A2
Surface: Bare
Form: C





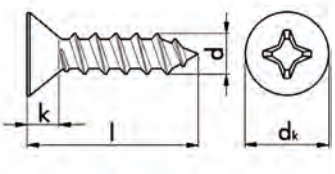
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
5123 29 95	2.9 mm	9.5 mm	5.5 mm	1.7 mm	TX10	1000 PCS
5123 29 13	2.9 mm	13 mm	5.5 mm	1.7 mm	TX10	1000 PCS
5123 29 16	2.9 mm	16 mm	5.5 mm	1.7 mm	TX10	1000 PCS
5123 29 19	2.9 mm	19 mm	5.5 mm	1.7 mm	TX10	1000 PCS
5123 29 22	2.9 mm	22 mm	5.5 mm	1.7 mm	TX10	1000 PCS
5123 35 95	3.5 mm	9.5 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 13	3.5 mm	13 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 16	3.5 mm	16 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 19	3.5 mm	19 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 22	3.5 mm	22 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 25	3.5 mm	25 mm	6.8 mm	2.1 mm	TX15	1000 PCS

Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
5123 35 38	3.5 mm	38 mm	6.8 mm	2.1 mm	TX15	1000 PCS
5123 35 50	3.5 mm	50 mm	6.8 mm	2.1 mm	TX15	500 PCS
5123 39 95	3.9 mm	9.5 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 13	3.9 mm	13 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 16	3.9 mm	16 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 19	3.9 mm	19 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 22	3.9 mm	22 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 25	3.9 mm	25 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 32	3.9 mm	32 mm	7.5 mm	2.3 mm	TX15	1000 PCS
5123 39 38	3.9 mm	38 mm	7.5 mm	2.3 mm	TX15	500 PCS
5123 39 45	3.9 mm	45 mm	7.5 mm	2.3 mm	TX15	500 PCS
5123 42 13	4.2 mm	13 mm	8.1 mm	2.5 mm	TX20	1000 PCS
5123 42 16	4.2 mm	16 mm	8.1 mm	2.5 mm	TX20	1000 PCS
5123 42 19	4.2 mm	19 mm	8.1 mm	2.5 mm	TX20	1000 PCS
5123 42 22	4.2 mm	22 mm	8.1 mm	2.5 mm	TX20	1000 PCS
5123 42 25	4.2 mm	25 mm	8.1 mm	2.5 mm	TX20	1000 PCS
5123 42 32	4.2 mm	32 mm	8.1 mm	2.5 mm	TX20	500 PCS
5123 42 38	4.2 mm	38 mm	8.1 mm	2.5 mm	TX20	500 PCS
5123 42 45	4.2 mm	45 mm	8.1 mm	2.5 mm	TX20	500 PCS
5123 42 50	4.2 mm	50 mm	8.1 mm	2.5 mm	TX20	200 PCS
5123 42 60	4.2 mm	60 mm	8.1 mm	2.5 mm	TX20	200 PCS
5123 48 13	4.8 mm	13 mm	9.5 mm	3.0 mm	TX25	1000 PCS
5123 48 16	4.8 mm	16 mm	9.5 mm	3.0 mm	TX25	1000 PCS
5123 48 19	4.8 mm	19 mm	9.5 mm	3.0 mm	TX25	1000 PCS
5123 48 22	4.8 mm	22 mm	9.5 mm	3.0 mm	TX25	1000 PCS
5123 48 25	4.8 mm	25 mm	9.5 mm	3.0 mm	TX25	500 PCS
5123 48 32	4.8 mm	32 mm	9.5 mm	3.0 mm	TX25	500 PCS
5123 48 38	4.8 mm	38 mm	9.5 mm	3.0 mm	TX25	500 PCS
5123 48 45	4.8 mm	45 mm	9.5 mm	3.0 mm	TX25	200 PCS
5123 48 50	4.8 mm	50 mm	9.5 mm	3.0 mm	TX25	200 PCS
5123 48 60	4.8 mm	60 mm	9.5 mm	3.0 mm	TX25	200 PCS
5123 55 25	5.5 mm	25 mm	10.8 mm	3.4 mm	TX25	500 PCS
5123 55 32	5.5 mm	32 mm	10.8 mm	3.4 mm	TX25	500 PCS
5123 55 38	5.5 mm	38 mm	10.8 mm	3.4 mm	TX25	500 PCS
5123 55 50	5.5 mm	50 mm	10.8 mm	3.4 mm	TX25	200 PCS
5123 55 60	5.5 mm	60 mm	10.8 mm	3.4 mm	TX25	200 PCS
5123 63 25	6.3 mm	25 mm	12.4 mm	3.8 mm	TX30	200 PCS
5123 63 38	6.3 mm	38 mm	12.4 mm	3.8 mm	TX30	200 PCS
5123 63 45	6.3 mm	45 mm	12.4 mm	3.8 mm	TX30	200 PCS
5123 63 50	6.3 mm	50 mm	12.4 mm	3.8 mm	TX30	200 PCS
5123 63 60	6.3 mm	60 mm	12.4 mm	3.8 mm	TX30	200 PCS

Countersunk head tapping screw, DIN 7982 A2, type C

Internal drive: H2
DIN: 7982
Material: Stainless steel A2
Surface: Bare
Form: C

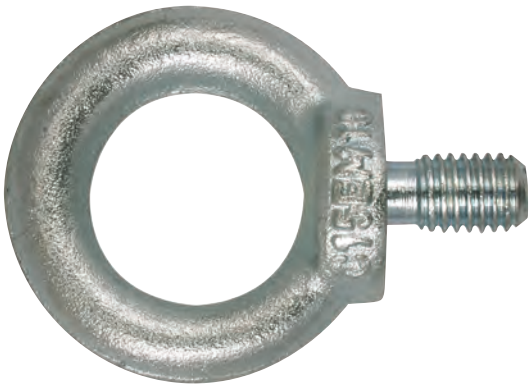


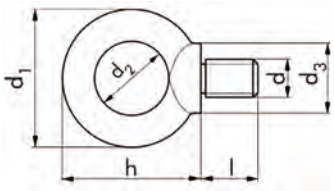


Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Packaging unit (VPE)
0123 35 13	3.5 mm	13 mm	6.8 mm	2.1 mm	250 PCS
0123 35 16	3.5 mm	16 mm	6.8 mm	2.1 mm	250 PCS
0123 35 19	3.5 mm	19 mm	6.8 mm	2.1 mm	250 PCS
0123 35 22	3.5 mm	22 mm	6.8 mm	2.1 mm	250 PCS
0123 35 25	3.5 mm	25 mm	6.8 mm	2.1 mm	250 PCS
0123 39 13	3.9 mm	13 mm	7.5 mm	2.3 mm	250 PCS
0123 39 16	3.9 mm	16 mm	7.5 mm	2.3 mm	250 PCS
0123 39 19	3.9 mm	19 mm	7.5 mm	2.3 mm	250 PCS
0123 39 22	3.9 mm	22 mm	7.5 mm	2.3 mm	250 PCS
0123 39 25	3.9 mm	25 mm	7.5 mm	2.3 mm	250 PCS
0123 39 32	3.9 mm	32 mm	7.5 mm	2.3 mm	250 PCS
0123 39 38	3.9 mm	38 mm	7.5 mm	2.3 mm	250 PCS
0123 42 13	4.2 mm	13 mm	8.1 mm	2.5 mm	250 PCS
0123 42 16	4.2 mm	16 mm	8.1 mm	2.5 mm	250 PCS
0123 42 19	4.2 mm	19 mm	8.1 mm	2.5 mm	250 PCS
0123 42 22	4.2 mm	22 mm	8.1 mm	2.5 mm	250 PCS
0123 42 25	4.2 mm	25 mm	8.1 mm	2.5 mm	250 PCS
0123 42 32	4.2 mm	32 mm	8.1 mm	2.5 mm	250 PCS
0123 42 38	4.2 mm	38 mm	8.1 mm	2.5 mm	250 PCS
0123 42 45	4.2 mm	45 mm	8.1 mm	2.5 mm	250 PCS
0123 42 50	4.2 mm	50 mm	8.1 mm	2.5 mm	250 PCS
0123 48 13	4.8 mm	13 mm	9.5 mm	3.0 mm	250 PCS
0123 48 16	4.8 mm	16 mm	9.5 mm	3.0 mm	250 PCS
0123 48 19	4.8 mm	19 mm	9.5 mm	3.0 mm	250 PCS
0123 48 22	4.8 mm	22 mm	9.5 mm	3.0 mm	250 PCS
0123 48 25	4.8 mm	25 mm	9.5 mm	3.0 mm	250 PCS
0123 48 32	4.8 mm	32 mm	9.5 mm	3.0 mm	250 PCS
0123 48 38	4.8 mm	38 mm	9.5 mm	3.0 mm	100 PCS
0123 48 45	4.8 mm	45 mm	9.5 mm	3.0 mm	100 PCS
0123 48 50	4.8 mm	50 mm	9.5 mm	3.0 mm	100 PCS
0123 48 60	4.8 mm	60 mm	9.5 mm	3.0 mm	100 PCS
0123 48 70	4.8 mm	70 mm	9.5 mm	3.0 mm	100 PCS
0123 48 80	4.8 mm	80 mm	9.5 mm	3.0 mm	100 PCS
0123 48 90	4.8 mm	90 mm	9.5 mm	3.0 mm	100 PCS
0123 48 100	4.8 mm	100 mm	9.5 mm	3.0 mm	100 PCS

Ring bolts similar to DIN 580 A2

DIN: Similar to 580
Material: Stainless steel A2
Thread type: Metric thread



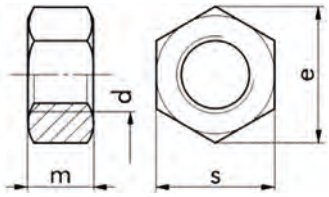


Art. No.	Thread type x nominal diameter (d)	Thread length (metric thread) (l)	Outer diameter (d3)	External diameter of ring (d1)	Internal diameter of ring (d2)	Height (h)	Nominal diameter	Packaging unit (VPE)
5279 8	M8	13 mm	20 mm	36 mm	20 mm	36 mm	8 mm	25 PCS
5279 10	M10	17 mm	25 mm	45 mm	25 mm	45 mm	10 mm	25 PCS
5279 12	M12	20.5 mm	30 mm	54 mm	30 mm	53 mm	12 mm	25 PCS
5279 16	M16	27 mm	35 mm	63 mm	35 mm	62 mm	16 mm	10 PCS
5279 20	M20	30 mm	40 mm	72 mm	40 mm	71 mm	20 mm	10 PCS
5279 24	M24	36 mm	50 mm	90 mm	50 mm	90 mm	24 mm	10 PCS

Hexagonal nut, DIN 934 A2

DIN: 934
Material: Stainless steel A2
Thread type: Metric thread



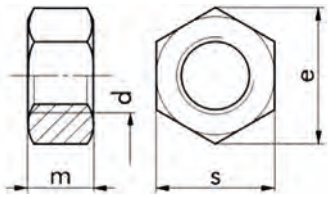


Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0322 3	M3	2.4 mm	6.01 mm	5.5 mm	3 mm	250 PCS
0322 4	M4	3.2 mm	7.66 mm	7 mm	4 mm	250 PCS
0322 5	M5	4 mm	8.79 mm	8 mm	5 mm	250 PCS
0322 6	M6	5 mm	11.05 mm	10 mm	6 mm	250 PCS
0322 8	M8	6.5 mm	14.38 mm	13 mm	8 mm	250 PCS
0322 10	M10	8 mm	18.9 mm	17 mm	10 mm	100 PCS
0322 12	M12	10 mm	21.1 mm	19 mm	12 mm	100 PCS
0322 14	M14	11 mm	25.2 mm	22 mm	14 mm	50 PCS
0322 16	M16	13 mm	26.75 mm	24 mm	16 mm	50 PCS
0322 18	M18	15 mm	29.56 mm	27 mm	18 mm	25 PCS
0322 20	M20	16 mm	32.95 mm	30 mm	20 mm	25 PCS
0322 24	M24	19 mm	39.55 mm	36 mm	24 mm	25 PCS

Hexagonal nut, DIN 934 A4

DIN: 934
Thread type: Metric thread





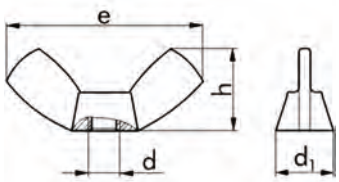
Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0326 4	M4	3.2 mm	7.66 mm	7 mm	4 mm	200 PCS
0326 5	M5	4 mm	8.79 mm	8 mm	5 mm	200 PCS
0326 6	M6	5 mm	11.05 mm	10 mm	6 mm	200 PCS
0326 8	M8	6.5 mm	14.38 mm	13 mm	8 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Height (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0326 10	M10	8 mm	18.9 mm	17 mm	10 mm	100 PCS
0326 12	M12	10 mm	21.1 mm	19 mm	12 mm	100 PCS
0326 16	M16	13 mm	26.75 mm	24 mm	16 mm	50 PCS
0326 20	M20	16 mm	32.95 mm	30 mm	20 mm	25 PCS
0326 24	M24	19 mm	39.55 mm	36 mm	24 mm	25 PCS

Wing nut, similar to DIN 315 A2

DIN: Similar to 315
Material: Stainless steel A2
Form: Pressed, American type
Thread type: Metric thread



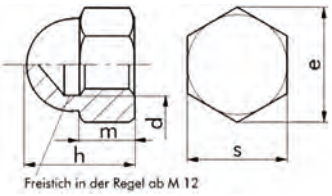


Art. No.	Thread type x nominal diameter (d)	Outer diameter (d1)	Width across corners (e)	Height (h)	Nominal diameter	Packaging unit (VPE)
5344 04	M4	10 mm	21 mm	10 mm	4 mm	100 PCS
5344 05	M5	10 mm	22 mm	10 mm	5 mm	100 PCS
5344 06	M6	12 mm	26 mm	13 mm	6 mm	100 PCS
5344 08	M8	14 mm	29 mm	15 mm	8 mm	100 PCS
5344 010	M10	15 mm	36 mm	17 mm	10 mm	100 PCS
5344 012	M12	20 mm	48 mm	22 mm	12 mm	50 PCS

Cap nut, DIN 1587 A2

DIN: 1587
Material: Stainless steel A2
Form: High
Thread type: Metric thread
Product class: A



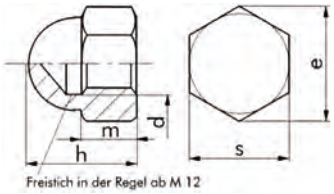


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0348 4	M4	8 mm	3.2 mm	7.66 mm	7 mm	4 mm	100 PCS
0348 5	M5	10 mm	4 mm	8.79 mm	8 mm	5 mm	100 PCS
0348 6	M6	12 mm	5 mm	11.05 mm	10 mm	6 mm	100 PCS
0348 8	M8	15 mm	6.5 mm	14.38 mm	13 mm	8 mm	100 PCS
0348 10	M10	18 mm	8 mm	17.77 mm	17 mm	10 mm	100 PCS
0348 12	M12	22 mm	10 mm	20.03 mm	19 mm	12 mm	50 PCS
0348 16	M16	28 mm	13 mm	26.75 mm	24 mm	16 mm	50 PCS
0348 20	M20	34 mm	16 mm	33.53 mm	30 mm	20 mm	10 PCS

Cap nut, DIN 1587, A4

DIN: 1587
Material: Stainless steel A4
Form: High
Thread type: Metric thread
Product class: A

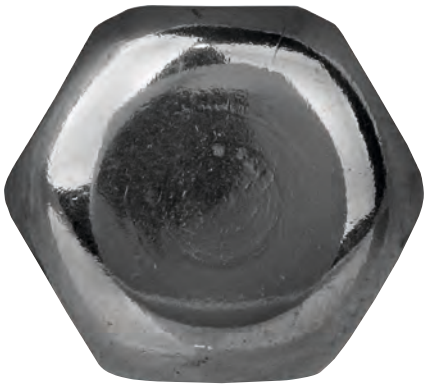


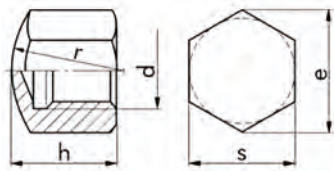


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5349 4	M4	8 mm	3.2 mm	7.66 mm	7 mm	4 mm	1000 PCS
5349 5	M5	10 mm	4 mm	8.79 mm	8 mm	5 mm	1000 PCS
5349 6	M6	12 mm	5 mm	11.05 mm	10 mm	6 mm	500 PCS
5349 8	M8	15 mm	6.5 mm	14.38 mm	13 mm	8 mm	200 PCS
5349 10	M10	18 mm	8 mm	17.77 mm	17 mm	10 mm	100 PCS
5349 12	M12	22 mm	10 mm	20.03 mm	19 mm	12 mm	100 PCS
5349 16	M16	28 mm	13 mm	26.75 mm	24 mm	16 mm	50 PCS

Cap nut, DIN 917 A2

DIN: 917
Material: Stainless steel A2
Form: Low
Thread type: Metric thread
Product class: A

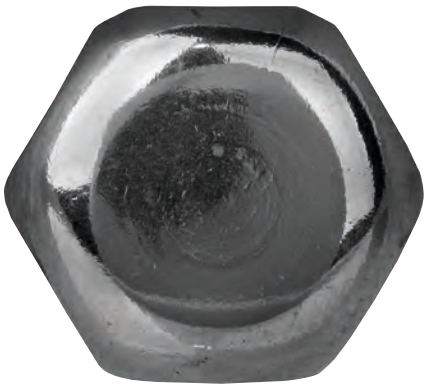


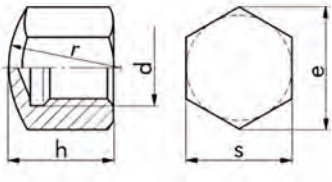


Art. No.	Thread type x nominal diameter (d)	Height (h)	Radius (r)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0363 6	M6	9 mm	12 mm	11.05 mm	10 mm	6 mm	200 PCS
0363 8	M8	12 mm	15 mm	14.38 mm	13 mm	8 mm	200 PCS
0363 10	M10	14 mm	20 mm	17.77 mm	17 mm	10 mm	100 PCS
0363 12	M12	16 mm	25 mm	20.03 mm	19 mm	12 mm	100 PCS

Cap nut, DIN 917, A4

DIN: 917
Material: Stainless steel A4
Form: Low
Thread type: Metric thread



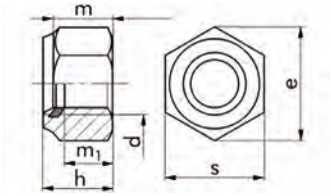


Art. No.	Thread type x nominal diameter (d)	Height (h)	Radius (r)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5349 05	M5	7 mm	10 mm	8.79 mm	8 mm	5 mm	200 PCS
5349 06	M6	9 mm	12 mm	11.05 mm	10 mm	6 mm	200 PCS
5349 08	M8	12 mm	15 mm	14.38 mm	13 mm	8 mm	200 PCS
5349 010	M10	14 mm	20 mm	17.77 mm	17 mm	10 mm	100 PCS
5349 012	M12	16 mm	25 mm	20.03 mm	19 mm	12 mm	100 PCS
5349 016	M16	20 mm	30 mm	26.75 mm	24 mm	16 mm	50 PCS

Self-locking hexagonal nut, DIN 985 A2

DIN: 985
Form: Low
Thread type: Metric thread



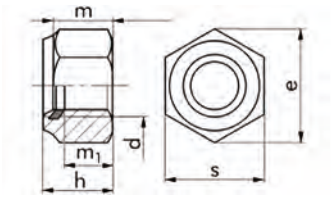


Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Ward of key bit (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
0391 3	M3	4 mm	2.4 mm	2.7 mm	6.08 mm	5.5 mm	3 mm	200 PCS
0391 4	M4	5 mm	2.9 mm	3.2 mm	7.74 mm	7 mm	4 mm	200 PCS
0391 5	M5	5 mm	3.2 mm	3.5 mm	8.87 mm	8 mm	5 mm	200 PCS
0391 6	M6	6 mm	4 mm	4.5 mm	11.05 mm	10 mm	6 mm	200 PCS
0391 8	M8	8 mm	5.5 mm	6 mm	14.38 mm	13 mm	8 mm	100 PCS
0391 10	M10	10 mm	6.5 mm	7 mm	18.9 mm	17 mm	10 mm	100 PCS
0391 12	M12	12 mm	8 mm	9 mm	21.1 mm	19 mm	12 mm	100 PCS
0391 14	M14	14 mm	9.5 mm	10 mm	24.49 mm	22 mm	14 mm	50 PCS
0391 16	M16	16 mm	10.5 mm	11 mm	26.75 mm	24 mm	16 mm	50 PCS

Lock nuts, DIN 985, A4

DIN: 985
Form: Low
Thread type: Metric thread





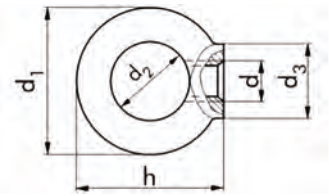
Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Ward of key bit (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5397 3	M3	4 mm	2.4 mm	2.7 mm	6.08 mm	5.5 mm	3 mm	1000 PCS
5397 4	M4	5 mm	2.9 mm	3.2 mm	7.74 mm	7 mm	4 mm	1000 PCS
5397 5	M5	5 mm	3.2 mm	3.5 mm	8.87 mm	8 mm	5 mm	1000 PCS
5397 6	M6	6 mm	4 mm	4.5 mm	11.05 mm	10 mm	6 mm	1000 PCS
5397 8	M8	8 mm	5.5 mm	6 mm	14.38 mm	13 mm	8 mm	500 PCS
5397 10	M10	10 mm	6.5 mm	7 mm	18.9 mm	17 mm	10 mm	200 PCS
5397 12	M12	12 mm	8 mm	9 mm	21.1 mm	19 mm	12 mm	200 PCS

Art. No.	Thread type x nominal diameter (d)	Height (h)	Height of the nut (m)	Ward of key bit (m1)	Width across corners (e)	Width across flats (s)	Nominal diameter	Packaging unit (VPE)
5397 14	M14	14 mm	9.5 mm	10 mm	24.49 mm	22 mm	14 mm	100 PCS
5397 16	M16	16 mm	10.5 mm	11 mm	26.75 mm	24 mm	16 mm	100 PCS

Ring nuts similar to 582 A2

DIN: Similar to 582
Material: Stainless steel A2
Thread type: Metric thread



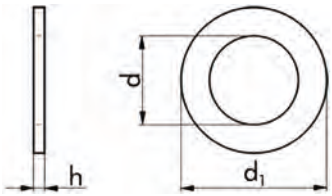


Art. No.	Thread type x nominal diameter (d)	Height (h)	Outer diameter (d3)	External diameter of ring (d1)	Internal diameter of ring (d2)	Nominal diameter	Packaging unit (VPE)
5388 8	M8	36 mm	20 mm	36 mm	20 mm	8 mm	25 PCS
5388 10	M10	45 mm	25 mm	45 mm	25 mm	10 mm	25 PCS
5388 12	M12	53 mm	30 mm	54 mm	30 mm	12 mm	25 PCS
5388 16	M16	62 mm	35 mm	63 mm	35 mm	16 mm	10 PCS
5388 20	M20	71 mm	40 mm	72 mm	40 mm	20 mm	10 PCS
5388 24	M24	90 mm	50 mm	90 mm	50 mm	24 mm	10 PCS

Washer, DIN 125 140 HV A2

DIN: 125
Material: Stainless steel A2



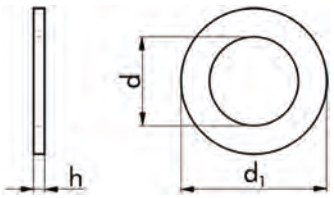


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0409 3	M3	3.2 mm	7 mm	0.5 mm	250 PCS
0409 4	M4	4.3 mm	9 mm	0.8 mm	250 PCS
0409 5	M5	5.3 mm	10 mm	1 mm	250 PCS
0409 6	M6	6.4 mm	12 mm	1.6 mm	250 PCS
0409 8	M8	8.4 mm	16 mm	1.6 mm	250 PCS
0409 10	M10	10.5 mm	20 mm	2 mm	100 PCS
0409 12	M12	13 mm	24 mm	2.5 mm	100 PCS
0409 14	M14	15 mm	28 mm	2.5 mm	50 PCS
0409 16	M16	17 mm	30 mm	3 mm	50 PCS
0409 18	M18	19 mm	34 mm	3 mm	25 PCS
0409 20	M20	21 mm	37 mm	3 mm	25 PCS
0409 24	M24	25 mm	44 mm	4 mm	25 PCS

Washer, DIN 125 140 HV A4

DIN: 125
Material: Stainless steel A4



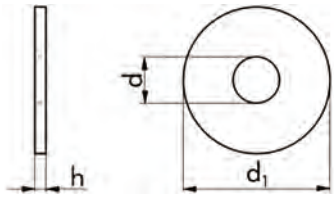


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0412 4	M4	4.3 mm	9 mm	0.8 mm	200 PCS
0412 5	M5	5.3 mm	10 mm	1 mm	200 PCS
0412 6	M6	6.4 mm	12 mm	1.6 mm	200 PCS
0412 8	M8	8.4 mm	16 mm	1.6 mm	200 PCS
0412 10	M10	10.5 mm	20 mm	2 mm	100 PCS
0412 12	M12	13 mm	24 mm	2.5 mm	100 PCS
0412 16	M16	17 mm	30 mm	3 mm	50 PCS
0412 20	M20	21 mm	37 mm	3 mm	25 PCS

Washer, DIN 9021 140 HV A2

DIN: 9021
Material: Stainless steel A2



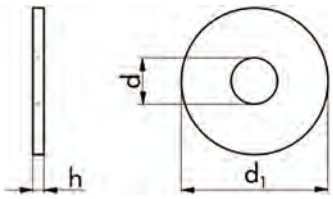


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0419 3	M3	3.2 mm	9 mm	0.8 mm	250 PCS
0419 4	M4	4.3 mm	12 mm	1 mm	250 PCS
0419 5	M5	5.3 mm	15 mm	1.2 mm	250 PCS
0419 6	M6	6.4 mm	18 mm	1.6 mm	250 PCS
0419 8	M8	8.4 mm	24 mm	2 mm	250 PCS
0419 10	M10	10.5 mm	30 mm	2.5 mm	100 PCS
0419 12	M12	13 mm	37 mm	3 mm	100 PCS
0419 14	M14	15 mm	44 mm	3 mm	100 PCS
0419 16	M16	17 mm	50 mm	3 mm	50 PCS
0419 20	M20	21 mm	60 mm	4 mm	25 PCS

Washer, DIN 9021, 140HV A4

DIN: 9021
Material: Stainless steel A4



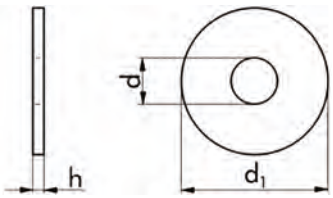


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
5412 3	M3	3.2 mm	9 mm	0.8 mm	1000 PCS
5412 4	M4	4.3 mm	12 mm	1 mm	1000 PCS
5412 5	M5	5.3 mm	15 mm	1.2 mm	1000 PCS
5412 6	M6	6.4 mm	18 mm	1.6 mm	1000 PCS
5412 8	M8	8.4 mm	24 mm	2 mm	500 PCS
5412 10	M10	10.5 mm	30 mm	2.5 mm	200 PCS
5412 12	M12	13 mm	37 mm	3 mm	200 PCS
5412 16	M16	17 mm	50 mm	3 mm	100 PCS
5412 20	M20	21 mm	60 mm	4 mm	100 PCS

Penny washer, tolerance DIN 522 A2

DIN: 522
Material: Stainless steel A2





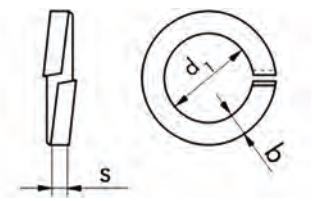
Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
5409 4 12	M4	4.3 mm	12 mm	1 mm	500 PCS
5409 4 20	M4	4.3 mm	20 mm	1.2 mm	500 PCS
5409 5 15	M5	5.3 mm	15 mm	1.5 mm	500 PCS
5409 5 20	M5	5.3 mm	20 mm	1.5 mm	500 PCS
5409 5 25	M5	5.3 mm	25 mm	1.5 mm	500 PCS
5409 6 20	M6	6.4 mm	20 mm	1.5 mm	500 PCS
5409 6 25	M6	6.4 mm	25 mm	1.5 mm	500 PCS
5409 6 30	M6	6.4 mm	30 mm	1.5 mm	500 PCS
5409 8 30	M8	8.4 mm	30 mm	1.5 mm	200 PCS
5409 8 40	M8	8.4 mm	40 mm	1.5 mm	200 PCS
5409 10 40	M10	10.5 mm	40 mm	1.5 mm	200 PCS

Lock washer DIN 127 A2

Field of Application:
Only suitable for bolts of strength class ≤ 5.8.

DIN: 127
Material: Stainless steel A2
Form: B





Art. No.	Suitable for screw	Diameter (d1)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
0447 3	M3	3.1 mm	6.7 mm	0.8 mm	1.3 mm	200 PCS
0447 4	M4	4.1 mm	7.6 mm	0.9 mm	1.5 mm	200 PCS
0447 5	M5	5.1 mm	9.2 mm	1.2 mm	1.8 mm	200 PCS
0447 6	M6	6.1 mm	11.8 mm	1.6 mm	2.5 mm	200 PCS
0447 8	M8	8.1 mm	14.8 mm	2 mm	3 mm	200 PCS
0447 10	M10	10.2 mm	18.1 mm	2.2 mm	3.5 mm	100 PCS
0447 12	M12	12.2 mm	21.1 mm	2.5 mm	4 mm	100 PCS
0447 14	M14	14.2 mm	24.1 mm	3 mm	4.5 mm	100 PCS
0447 16	M16	16.2 mm	27.4 mm	3.5 mm	5 mm	50 PCS

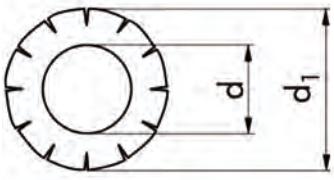
Art. No.	Suitable for screw	Diameter (d1)	Outer diameter (d2)	Thickness (s)	Width (b)	Packaging unit (VPE)
0447 20	M20	20.2 mm	33.6 mm	4 mm	6 mm	50 PCS

Serrated lock washer, DIN 6798, A2

Product description:
Serrated lock washers are positive-fitting securing elements that lock with the surface of the components when the screw or nut is tightened.

DIN: 6798
Material: Stainless steel A2
Form: A

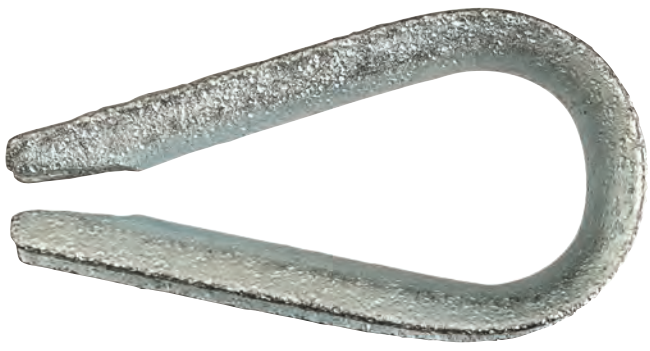


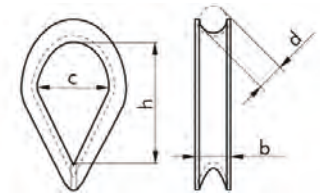


Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Packaging unit (VPE)
5431 4	M4	4.3 mm	8 mm	1000 PCS
5431 5	M5	5.3 mm	9 mm	1000 PCS
5431 6	M6	6.4 mm	11 mm	1000 PCS
5431 8	M8	8.4 mm	14 mm	1000 PCS
5431 10	M10	10.5 mm	18 mm	1000 PCS
5431 12	M12	13 mm	20.5 mm	500 PCS
5431 16	M16	17 mm	26 mm	200 PCS

Rope thimbles, previously DIN 6899, A4

DIN: Similar to 6899
Material: Stainless steel A4



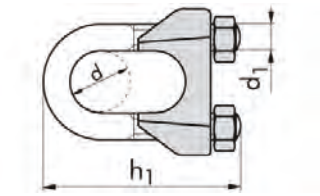


Art. No.	Height (h)	Internal diameter (c)	Diameter (d)	Width (b)	Packaging unit (VPE)
5522 13	18 mm	11 mm	3 mm	5 mm	50 PCS
5522 14	21 mm	13 mm	4 mm	6.5 mm	50 PCS
5522 15	23 mm	14 mm	5 mm	7 mm	50 PCS
5522 16	25 mm	16 mm	6 mm	7.5 mm	20 PCS

Wire rope clamp, light-weight design, previously DIN 741

DIN: Similar to 741
Material: Stainless steel A4
Thread type: Metric thread



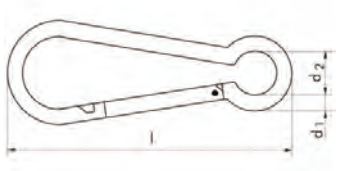


Art. No.	Nominal size	Diameter (d)	Thread type x nominal diameter (d1)	Height (h1)	Nominal diameter	Packaging unit (VPE)
5520 114	1/4 inch	6 mm	M5	28 mm	5 mm	20 PCS
5520 118	1/8 inch	3 mm	M4	20 mm	4 mm	50 PCS
5520 131 6	3/16 inch	5 mm	M5	24 mm	5 mm	50 PCS
5520 153 2	5/32 inch	4 mm	M4	22 mm	4 mm	50 PCS

Snap hook. DIN 5299. A4

DIN: Similar to 5299
Material: Stainless steel A4
Form: C





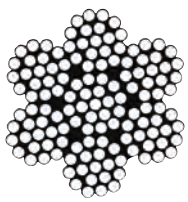
Art. No.	Length (l)	Outer diameter (d1)	Internal diameter (d2)	Packaging unit (VPE)
5524 050 5	50 mm	5 mm	8 mm	20 PCS
5524 060 6	60 mm	6 mm	9 mm	20 PCS
5524 070 7	70 mm	7 mm	10 mm	20 PCS
5524 080 8	80 mm	8 mm	12 mm	20 PCS
5524 010 10	100 mm	10 mm	15 mm	10 PCS
5524 012 11	120 mm	11 mm	18 mm	10 PCS
5524 014 12	140 mm	12 mm	20 mm	5 PCS

Wire cable 7 x 19 A4

Advice:
Packing unit = metre. Supplied off the roll.

Strand construction of wire cable: 7 x 19
Material: Stainless steel A4

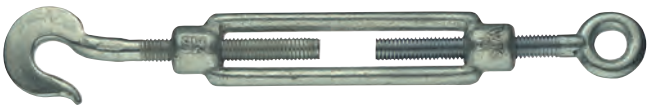


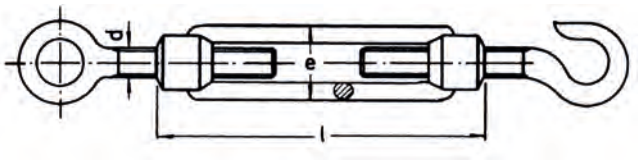


Art. No.	Diameter (d)	Calculated aggregate breaking force	Packaging unit (VPE)
5803 3	3 mm	8.4 kN	250 PCS
5803 4	4 mm	15.0 kN	250 PCS
5803 5	5 mm	23.4 kN	250 PCS
5803 6	6 mm	33.7 kN	100 PCS

Turnbuckle with hook and eyelet A4

Thread type: Metric thread
Material: Stainless steel A4

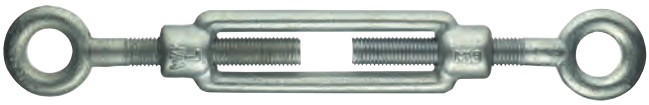


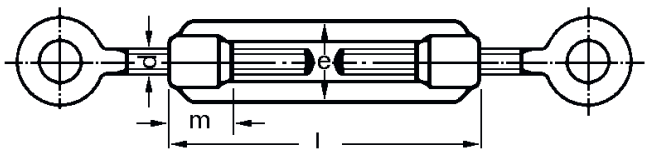


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
5521 106	M6	90 mm	6 mm	10 PCS
5521 108	M8	120 mm	8 mm	10 PCS
5521 101 0	M10	150 mm	10 mm	5 PCS
5521 101 2	M12	200 mm	12 mm	5 PCS

Turnbuckle with eyelets A4

Material: Stainless steel A4
Thread type: Metric thread



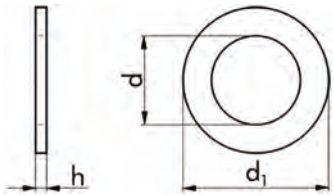


Art. No.	Thread type x nominal diameter (d)	Length (l)	Nominal diameter	Packaging unit (VPE)
5521 306	M6	90 mm	6 mm	10 PCS
5521 308	M8	120 mm	8 mm	10 PCS
5521 301 0	M10	150 mm	10 mm	5 PCS
5521 301 2	M12	200 mm	12 mm	5 PCS

Washer, DIN 125, PA 6

Colour: White, nature
DIN: 125
Material: PA - Polyamide

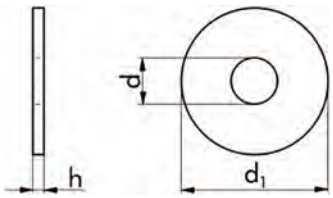




Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0421 003	M3	3.2 mm	7 mm	0.5 mm	200 PCS
0421 004	M4	4.3 mm	9 mm	0.8 mm	200 PCS
0421 005	M5	5.3 mm	10 mm	1 mm	200 PCS
0421 006	M6	6.4 mm	12 mm	1.6 mm	200 PCS
0421 007	M7	7.4 mm	14 mm	1.6 mm	200 PCS
0421 008	M8	8.4 mm	16 mm	1.6 mm	200 PCS
0421 001 0	M10	10.5 mm	20 mm	2 mm	100 PCS
0421 001 2	M12	13 mm	24 mm	2.5 mm	100 PCS

Washer, DIN 9021, PA 6

Colour: White, nature
DIN: 9021
Material: PA - Polyamide



Art. No.	Suitable for screw	Internal diameter (d)	Outer diameter (d1)	Height (h)	Packaging unit (VPE)
0421 04	M4	4.3 mm	12 mm	1 mm	200 PCS
0421 05	M5	5.3 mm	15 mm	1.2 mm	200 PCS
0421 06	M6	6.4 mm	18 mm	1.6 mm	200 PCS
0421 08	M8	8.4 mm	24 mm	2 mm	200 PCS
0421 010	M10	10.5 mm	30 mm	2.5 mm	100 PCS
0421 012	M12	13 mm	37 mm	3 mm	100 PCS

Spacer rollers, white polyethylene

Internal diameter (d): 6.5 mm
Outer diameter (d1): 18 mm
Thickness (h): 6 mm
Material: PE - Polyethylene



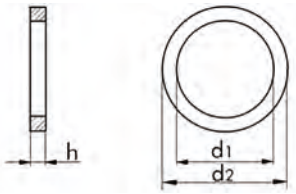
Art. No.	Packaging unit (VPE)
0421 6 18	200 PCS

Sealing ring DIN 7603, copper

Product description:
Sealing rings in accordance with DIN 7603 are flat seals on static surfaces. They are used to seal static pipe screw connections.
Copper rings can be used anywhere—except in the presence of some strong acids—due to their corrosion resistance. Via special pre-heating, the metal ring's structure softens further so that, when under pressure, it can embed itself into all the uneven areas of the parts to be screwed together.

DIN: 7603
Material: Copper
Form: Type A





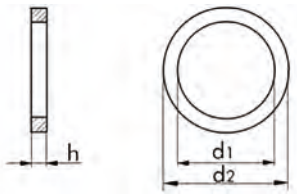
Art. No.	Internal diameter (d1)	Outer diameter (d2)	Height (h)	Packaging unit (VPE)
0460 4 8	4 mm	8 mm	1 mm	100 PCS
0460 5 9	5 mm	9 mm	1 mm	100 PCS
0460 6 10	6 mm	10 mm	1 mm	100 PCS
0460 6 12	6 mm	12 mm	1 mm	100 PCS
0460 8 12	8 mm	12 mm	1 mm	100 PCS
0460 8 14	8 mm	14 mm	1 mm	100 PCS
0460 10 14	10 mm	14 mm	1 mm	100 PCS
0460 10 16	10 mm	16 mm	1 mm	100 PCS
0460 10 18	10 mm	18 mm	1 mm	100 PCS
0460 12 16	12 mm	16 mm	1.5 mm	50 PCS
0460 12 18	12 mm	18 mm	1.5 mm	50 PCS
0460 13 18	13 mm	18 mm	1.5 mm	50 PCS
0460 14 18	14 mm	18 mm	1.5 mm	50 PCS
0460 14 20	14 mm	20 mm	1.5 mm	50 PCS
0460 14 22	14 mm	22 mm	1.5 mm	50 PCS
0460 15 20	15 mm	20 mm	1.5 mm	50 PCS
0460 16 20	16 mm	20 mm	1.5 mm	50 PCS
0460 16 22	16 mm	22 mm	1.5 mm	50 PCS
0460 16 24	16 mm	24 mm	1.5 mm	50 PCS
0460 17 21	17 mm	21 mm	1.5 mm	50 PCS
0460 17 23	17 mm	23 mm	1.5 mm	50 PCS
0460 18 22	18 mm	22 mm	1.5 mm	50 PCS
0460 18 24	18 mm	24 mm	1.5 mm	50 PCS
0460 20 24	20 mm	24 mm	1.5 mm	50 PCS
0460 20 26	20 mm	26 mm	1.5 mm	50 PCS
0460 21 26	21 mm	26 mm	1.5 mm	50 PCS
0460 21 28	21 mm	28 mm	2 mm	50 PCS
0460 22 27	22 mm	27 mm	1.5 mm	50 PCS
0460 22 29	22 mm	29 mm	1.5 mm	50 PCS
0460 24 30	24 mm	30 mm	2 mm	50 PCS
0460 24 32	24 mm	32 mm	2 mm	50 PCS
0460 26 32	26 mm	32 mm	2 mm	50 PCS
0460 26 34	26 mm	34 mm	2 mm	50 PCS
0460 27 32	27 mm	32 mm	2 mm	50 PCS
0460 28 34	28 mm	34 mm	2 mm	50 PCS
0460 30 36	30 mm	36 mm	2 mm	25 PCS
0460 30 38	30 mm	38 mm	2 mm	25 PCS
0460 32 38	32 mm	38 mm	2 mm	25 PCS
0460 33 39	33 mm	39 mm	2 mm	25 PCS
0460 33 41	33 mm	41 mm	2 mm	25 PCS
0460 38 44	38 mm	44 mm	2 mm	25 PCS
0460 42 49	42 mm	49 mm	2 mm	25 PCS
0460 45 52	45 mm	52 mm	2 mm	25 PCS

Sealing ring, DIN 7603, vulcanised fibre

Product description:
Sealing rings in accordance with DIN 7603 are flat seals on static surfaces. They are used to seal static pipe screw connections.
Vulcanised fibre is resistant to mineral oils, greases and weak acids, alcohols, ketones, esters, chlorinated hydrocarbons and has poor electrical conductivity (insulation). These are preferred for use in all water conduits and water pipes.

DIN: 7603
Material: Vulcanised fibre
Form: Type A





Art. No.	Internal diameter (d1)	Outer diameter (d2)	Height (h)	Packaging unit (VPE)
0465 5 9	5 mm	9 mm	1 mm	100 PCS
0465 6 10	6 mm	10 mm	1 mm	100 PCS
0465 8 12	8 mm	12 mm	1 mm	100 PCS
0465 8 14	8 mm	14 mm	1 mm	100 PCS
0465 10 14	10 mm	14 mm	1 mm	100 PCS
0465 10 16	10 mm	16 mm	1 mm	100 PCS
0465 12 16	12 mm	16 mm	1.5 mm	100 PCS
0465 12 18	12 mm	18 mm	1.5 mm	100 PCS
0465 122 19	12.2 mm	19 mm	1.5 mm	100 PCS
0465 14 18	14 mm	18 mm	1.5 mm	100 PCS
0465 142 24	14.2 mm	24 mm	1.5 mm	100 PCS
0465 16 22	16 mm	22 mm	1.5 mm	100 PCS
0465 18 24	18 mm	24 mm	1.5 mm	100 PCS
0465 20 26	20 mm	26 mm	1.5 mm	100 PCS
0465 22 27	22 mm	27 mm	1.5 mm	100 PCS
0465 24 30	24 mm	30 mm	2 mm	100 PCS
0465 26 32	26 mm	32 mm	2 mm	100 PCS
0465 28 34	28 mm	34 mm	2 mm	100 PCS
0465 30 36	30 mm	36 mm	2 mm	100 PCS

O-rings, ISO 3601, Perbunan 70, metric

For sealing moving or static machine parts

Product description:
Made from Perbunan
Temperature resistance: approx. -25°C to +100°C.
Space-saving, easy to fit, secure sealing elements
Resistant to all mineral oils, lubricating greases, petrol, hot water, steam, compressed air, weak acids.

Version: Metric
ISO: 3601
Material: Perbunan
Shore A hardness: 70 +/- 5
Min./max. temperature resistance: -25 to +100 °C



Art. No.	Internal diameter	Thickness	Packaging unit (VPE)
0468 003 20	3 mm	2 mm	50 PCS
0468 004 20	4 mm	2 mm	50 PCS
0468 005 20	5 mm	2 mm	50 PCS
0468 006 20	6 mm	2 mm	50 PCS
0468 007 20	7 mm	2 mm	50 PCS
0468 008 20	8 mm	2 mm	50 PCS
0468 010 20	10 mm	2 mm	50 PCS
0468 010 25	10 mm	2.5 mm	50 PCS
0468 012 20	12 mm	2 mm	50 PCS
0468 012 25	12 mm	2.5 mm	50 PCS
0468 014 25	14 mm	2.5 mm	50 PCS
0468 015 25	15.0 mm	2.5 mm	50 PCS
0468 016 35	16.0 mm	3.5 mm	25 PCS
0468 017 25	17.0 mm	2.5 mm	25 PCS
0468 018 30	18.0 mm	3 mm	25 PCS
0468 019 25	19.0 mm	2.5 mm	25 PCS
0468 020 30	20.0 mm	3 mm	25 PCS
0468 022 30	22.0 mm	3 mm	25 PCS
0468 024 30	24.0 mm	3 mm	25 PCS
0468 025 30	25.0 mm	3 mm	25 PCS
0468 028 30	28.0 mm	3 mm	25 PCS
0468 030 30	30.0 mm	3 mm	25 PCS
0468 030 35	30.0 mm	3.53 mm	25 PCS
0468 032 35	32.0 mm	3.5 mm	25 PCS
0468 033 35	33.0 mm	3.5 mm	25 PCS
0468 034 30	34.0 mm	3 mm	25 PCS
0468 035 35	35.0 mm	3.5 mm	25 PCS
0468 038 30	38.0 mm	3 mm	25 PCS
0468 040 30	40.0 mm	3 mm	25 PCS
0468 042 30	42.0 mm	3 mm	25 PCS

O-rings, ISO 3601, Perbunan 70, imperial

For sealing moving or static machine parts

Product description:
Made from Perbunan
Temperature resistance: approx. -25°C to +100°C.
Space-saving, easy to fit, secure sealing elements
Resistant to all mineral oils, lubricating greases, petrol, hot water, steam, compressed air, weak acids.

Version: Imperial
ISO: 3601
Material: Perbunan
Shore A hardness: 70 +/- 5
Min./max. temperature resistance: -25 to +100 °C



Art. No.	Internal diameter	Thickness	Packaging unit (VPE)
0468 528	5.28 mm	1.78 mm	25 PCS
0468 607	6.07 mm	1.78 mm	25 PCS
0468 766	7.66 mm	1.78 mm	25 PCS
0468 925	9.25 mm	1.78 mm	25 PCS
0468 107 8	10.78 mm	2.62 mm	25 PCS
0468 123 7	12.37 mm	2.62 mm	25 PCS
0468 139 5	13.95 mm	2.62 mm	25 PCS
0468 155 4	15.54 mm	2.62 mm	25 PCS
0468 171 3	17.13 mm	2.62 mm	25 PCS
0468 187 2	18.72 mm	2.62 mm	25 PCS
0468 202 2	20.22 mm	3.53 mm	25 PCS
0468 218 2	21.82 mm	3.53 mm	25 PCS
0468 234 0	23.39 mm	3.53 mm	25 PCS
0468 250 0	25.0 mm	3.5 mm	25 PCS
0468 265 7	26.57 mm	3.53 mm	25 PCS
0468 281 7	28.17 mm	3.53 mm	25 PCS
0468 313 4	31.34 mm	3.53 mm	25 PCS
0468 345 2	34.52 mm	3.53 mm	25 PCS
0468 361 0	36.10 mm	3.53 mm	25 PCS
0468 377 0	37.7 mm	3.53 mm	25 PCS

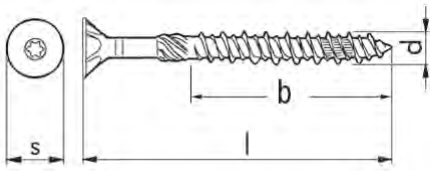
RAPID® KOMPREX timber screw with countersunk milling pocket head, yellow galvanised, ETA-12/0373

Advantages:
- European Technical Approval (ETA-12/0373)
- Building inspectorate approval as timber joint material (Z-9.1-564)
- Building inspectorate approval for on-roof insulation systems (Z-9.1-509)



for screw lengths upwards of 180 mm
- HiLo thread reduces the screw-in time
- Milled pockets for fast and simple countersinking into wood

Field of Application:
Insulation on rafters, structural woodwork, element construction, timber panel construction, interior construction. For all applications in which timber screws are used.



Nominal diameter (d): 8 mm
Head type: Countersunk milling pocket head
Internal drive: TX40
Thread type: Wood screw thread
Thread design: Partial thread
End milling cutter: Yes
Thread format: Hilo, double thread
Area of application: Timber construction, Structural woodwork, On rafter insulation, Element construction, Timber panel construction, Interior fitting, Universal
Core diameter: 5.3 mm
Surface: Yellow galvanised
Material: Steel
Approval: ETA-12/0373

ETA-12/0373

Art. No.	Length (l)	Head diameter (s)	Thread length (thread for wood-work) (b)	Packaging unit (VPE)
0190 18 80	80 mm	15 mm	50 mm	100 PCS
0190 18 100	100 mm	15 mm	60 mm	100 PCS
0190 18 120	120 mm	15 mm	80 mm	100 PCS
0190 18 140	140 mm	15 m	80 mm	100 PCS
0190 18 160	160 mm	15 mm	80 mm	100 PCS
0190 18 180	180 mm	15 mm	100 mm	100 PCS
0190 18 200	200 mm	15 mm	100 mm	100 PCS
0190 18 220	220 mm	15 mm	100 mm	50 PCS
0190 18 240	240 mm	15 mm	100 mm	50 PCS
0190 18 260	260 mm	15 mm	100 mm	50 PCS
0190 18 280	280 mm	15 mm	100 mm	50 PCS
0190 18 300	300 mm	15 mm	100 mm	50 PCS
0190 18 320	320 mm	15 mm	100 mm	50 PCS
0190 18 340	340 mm	15 mm	100 mm	50 PCS
0190 18 360	360 mm	15 mm	100 mm	50 PCS
0190 18 380	380 mm	15 mm	100 mm	50 PCS
0190 18 400	400 mm	15 mm	100 mm	50 PCS

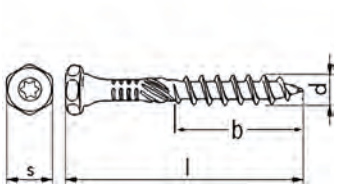
RAPID® DUAL woodworking screw with dual head, GA

Advantages:
- European Technical Approval (ETA-12/0373)
- Building inspectorate approval as timber joint material (Z-9.1-435)
- Hexagon head ensures optimum power transmission, especially with large



screw diameters

Field of Application:
For steel/wood and wood/wood screw connections for the timber construction and carpentry sector



Head type: Combi head
Material: Steel
Thread design: Partial thread
Thread format: Single thread
Thread type: Wood screw thread
Surface: Galvanised
Area of application: Structural woodwork, Metal wood connections, Element construction, Timber panel construction

ETA-12/0373

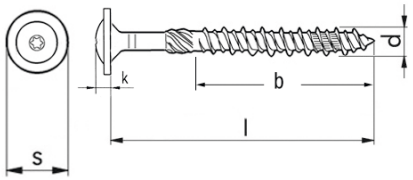
Art. No.	Nominal diameter	Length (l)	Head height	External drive (s)	Internal drive	Thread length (thread for woodwork) (b)	Core diameter	Packaging unit (VPE)
0191 18 80	8 mm	80 mm	4.5 mm	WS12	TX30	54 mm	5.2 mm	100 PCS
0191 18 100	8 mm	100 mm	4.5 mm	WS12	TX30	65 mm	5.2 mm	100 PCS
0191 18 120	8 mm	120 mm	4.5 mm	WS12	TX30	84 mm	5.2 mm	100 PCS
0191 18 140	8 mm	140 mm	4.5 mm	WS12	TX30	84 mm	5.2 mm	100 PCS
0191 18 160	8 mm	160 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	100 PCS
0191 18 180	8 mm	180 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	100 PCS
0191 18 200	8 mm	200 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	100 PCS
0191 18 220	8 mm	220 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	50 PCS
0191 18 240	8 mm	240 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	50 PCS
0191 18 260	8 mm	260 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	50 PCS
0191 18 280	8 mm	280 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	50 PCS
0191 18 300	8 mm	300 mm	4.5 mm	WS12	TX30	100 mm	5.2 mm	50 PCS
0191 110 100	10 mm	100 mm	5 mm	WS15	TX40	65 mm	6.1 mm	50 PCS
0191 110 120	10 mm	120 mm	5 mm	WS15	TX40	84 mm	6.1 mm	50 PCS
0191 110 140	10 mm	140 mm	5 mm	WS15	TX40	108 mm	6.1 mm	50 PCS
0191 110 160	10 mm	160 mm	5 mm	WS15	TX40	108 mm	6.1 mm	50 PCS
0191 110 180	10 mm	180 mm	5 mm	WS15	TX40	108 mm	6.1 mm	50 PCS
0191 110 200	10 mm	200 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS
0191 110 220	10 mm	220 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS
0191 110 240	10 mm	240 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS
0191 110 260	10 mm	260 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS
0191 110 280	10 mm	280 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS
0191 110 300	10 mm	300 mm	5 mm	WS15	TX40	125 mm	6.1 mm	50 PCS

RAPID® KOMPREX timber screw with washer head, yellow galvanised, ETA-12/0373

Advantages:
- European Technical Approval (ETA-12/0373)
- Building inspectorate approval as timber joint material (Z-9.1-564)
- Building inspectorate approval for on-roof insulation systems (Z-9.1-509) from screw lengths upwards of 180 mm
- Washer head for high level of penetration resistance
- HiLo thread reduces the screw-in time



Field of Application:
Insulation on rafters, structural woodwork, element construction, timber panel construction, interior construction. For all applications in which timber screws are used.



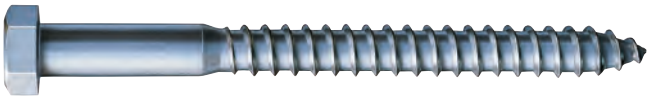
Nominal diameter: 8 mm
Head type: Disc head
Internal drive: TX40
Washer diameter: 22 mm
Thread type: Wood screw thread
Thread design: Partial thread
End milling cutter: Yes
Thread format: Hilo, double thread
Core diameter: 5.3 mm
Material: Steel
Surface: Yellow galvanised
Area of application: On rafter insulation, Element construction, Timber construction, Structural woodwork
Approval: ETA-12/0373

ETA-12/0373

Art. No.	Length (l)	Thread length (thread for woodwork) (b)	Packaging unit (VPE)
0190 28 80	80 mm	50 mm	50 PCS
0190 28 100	100 mm	60 mm	50 PCS
0190 28 120	120 mm	80 mm	50 PCS
0190 28 140	140 mm	80 mm	50 PCS
0190 28 160	160 mm	80 mm	50 PCS
0190 28 180	180 mm	100 mm	50 PCS
0190 28 200	200 mm	100 mm	50 PCS
0190 28 220	220 mm	100 mm	25 PCS
0190 28 240	240 mm	100 mm	25 PCS
0190 28 260	260 mm	100 mm	25 PCS
0190 28 280	280 mm	100 mm	25 PCS
0190 28 300	300 mm	100 mm	25 PCS
0190 28 320	320 mm	100 mm	25 PCS
0190 28 340	340 mm	100 mm	25 PCS
0190 28 360	360 mm	100 mm	25 PCS
0190 28 380	380 mm	100 mm	25 PCS
0190 28 400	400 mm	100 mm	25 PCS

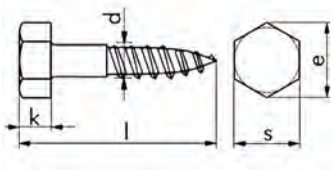
Hexagon head wood screw DIN 571

Advantages:
- Abutting wood screw thread is perfectly suited for use in plastic anchors.



DIN: 571
Material: Steel

Surface: Galvanised



Art. No.	Diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Packaging unit (VPE)
0192 5 40	5 mm	40 mm	3.5 mm	8.63 mm	8 mm	200 PCS
0192 5 50	5 mm	50 mm	3.5 mm	8.63 mm	8 mm	200 PCS
0192 6 30	6 mm	30 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 35	6 mm	35 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 40	6 mm	40 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 45	6 mm	45 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 50	6 mm	50 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 55	6 mm	55 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 60	6 mm	60 mm	4.0 mm	10.89 mm	10 mm	200 PCS
0192 6 65	6 mm	65 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 70	6 mm	70 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 80	6 mm	80 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 90	6 mm	90 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 100	6 mm	100 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 110	6 mm	110 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 6 120	6 mm	120 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0192 8 30	8 mm	30 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 35	8 mm	35 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 40	8 mm	40 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 45	8 mm	45 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 50	8 mm	50 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 55	8 mm	55 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 60	8 mm	60 mm	5.5 mm	14.2 mm	13 mm	200 PCS
0192 8 65	8 mm	65 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 70	8 mm	70 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 80	8 mm	80 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 90	8 mm	90 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 100	8 mm	100 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 110	8 mm	110 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 120	8 mm	120 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 130	8 mm	130 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0192 8 140	8 mm	140 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0192 8 150	8 mm	150 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0192 8 160	8 mm	160 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0192 8 180	8 mm	180 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0192 8 200	8 mm	200 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0192 10 40	10 mm	40 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 50	10 mm	50 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 60	10 mm	60 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 70	10 mm	70 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 80	10 mm	80 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 90	10 mm	90 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 100	10 mm	100 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0192 10 110	10 mm	110 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 120	10 mm	120 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 130	10 mm	130 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 140	10 mm	140 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 150	10 mm	150 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 160	10 mm	160 mm	7.0 mm	18.72 mm	17 mm	50 PCS

Art. No.	Diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Packaging unit (VPE)
0192 10 180	10 mm	180 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 200	10 mm	200 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0192 10 220	10 mm	220 mm	7.0 mm	18.72 mm	17 mm	25 PCS
0192 10 240	10 mm	240 mm	7.0 mm	18.72 mm	17 mm	25 PCS
0192 10 260	10 mm	260 mm	7.0 mm	18.72 mm	17 mm	25 PCS
0192 10 280	10 mm	280 mm	7.0 mm	18.72 mm	17 mm	25 PCS
0192 10 300	10 mm	300 mm	7.0 mm	18.72 mm	17 mm	25 PCS
0192 12 50	12 mm	50 mm	8.0 mm	20.88 mm	19 mm	100 PCS
0192 12 60	12 mm	60 mm	8.0 mm	20.88 mm	19 mm	100 PCS
0192 12 70	12 mm	70 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 80	12 mm	80 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 90	12 mm	90 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 100	12 mm	100 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 120	12 mm	120 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 130	12 mm	130 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 140	12 mm	140 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 150	12 mm	150 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0192 12 160	12 mm	160 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 180	12 mm	180 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 200	12 mm	200 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 220	12 mm	220 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 240	12 mm	240 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 260	12 mm	260 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 280	12 mm	280 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 300	12 mm	300 mm	8.0 mm	20.88 mm	19 mm	25 PCS
0192 12 320	12 mm	320 mm	8.0 mm	20.88 mm	19 mm	5 PCS
0192 12 340	12 mm	340 mm	8.0 mm	20.88 mm	19 mm	5 PCS
0192 12 360	12 mm	360 mm	8.0 mm	20.88 mm	19 mm	5 PCS

Hexagon head wood screw, DIN 571 A2

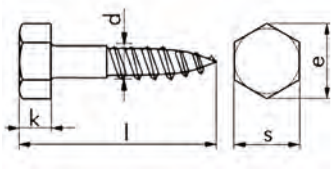
Advantages:

- Abutting wood screw thread is perfectly suited for use in plastic anchors.

DIN: 571
Material: Stainless steel A2
Surface: Bare







Art. No.	Diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Packaging unit (VPE)
0193 6 40	6 mm	40 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0193 6 50	6 mm	50 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0193 6 60	6 mm	60 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0193 6 70	6 mm	70 mm	4.0 mm	10.89 mm	10 mm	100 PCS
0193 8 40	8 mm	40 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0193 8 50	8 mm	50 mm	5.5 mm	14.2 mm	13 mm	100 PCS

Art. No.	Diameter (d)	Length (l)	Head height (k)	Width across corners (e)	Width across flats (s)	Packaging unit (VPE)
0193 8 60	8 mm	60 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0193 8 70	8 mm	70 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0193 8 80	8 mm	80 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0193 8 100	8 mm	100 mm	5.5 mm	14.2 mm	13 mm	100 PCS
0193 8 120	8 mm	120 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0193 8 140	8 mm	140 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0193 8 160	8 mm	160 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0193 8 180	8 mm	180 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0193 8 200	8 mm	200 mm	5.5 mm	14.2 mm	13 mm	50 PCS
0193 10 60	10 mm	60 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0193 10 70	10 mm	70 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0193 10 80	10 mm	80 mm	7.0 mm	18.72 mm	17 mm	100 PCS
0193 10 90	10 mm	90 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 100	10 mm	100 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 120	10 mm	120 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 140	10 mm	140 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 160	10 mm	160 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 180	10 mm	180 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 10 200	10 mm	200 mm	7.0 mm	18.72 mm	17 mm	50 PCS
0193 12 60	12 mm	60 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0193 12 70	12 mm	70 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0193 12 80	12 mm	80 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0193 12 90	12 mm	90 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0193 12 100	12 mm	100 mm	8.0 mm	20.88 mm	19 mm	50 PCS
0193 12 120	12 mm	120 mm	8.0 mm	20.88 mm	19 mm	50 PCS

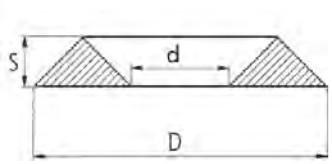
Washer for timber screws with countersunk head, yellow galvanised, ETA-12/0373

Suitable for RAPID® Komprex Ø 8 mm

Internal diameter (d): 8 mm
Outer diameter (D): 28 mm
Height (S): 4.5 mm
Material: Steel
Surface: Yellow galvanised

ETA-12/0373





Art. No.	Packaging unit (VPE)
0190 8	50 PCS

Cover cap for TX40, plastic

Head diameter (dk): 22 mm
Internal drive: TX40
Material: Plastic



Art. No.	Colour	Packaging unit (VPE)
0590 922 707	Mahogany RAL 8016	100 PCS
0590 922 701	Pure white RAL 9010	100 PCS



RAPID® 2000 chipboard screw with countersunk milling pocket head, yellow galvanised

Full thread

Advantages:

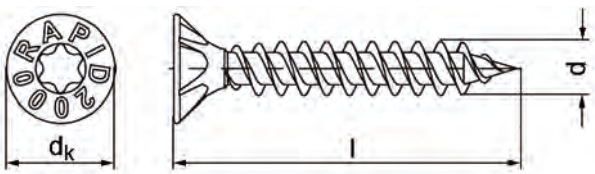
- European Technical Approval ETA–12/0373. From Ø 4.0 mm
- General building inspectorate approval (Z-9.1-564). From Ø 3.0 mm
- Countersunk milling pocket head makes for fast, clean countersinking and prevents the wood from splitting.

Field of Application:
Universal use, interior construction, construction of elements, roofs, and furniture.
For all cases where particle board screws are used.





Head type: Countersunk milling pocket head
Thread type: Wood screw thread
Thread design: Full thread
Thread format: Single thread
Surface: Yellow galvanised
Material: Steel



Art. No.	Nominal diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0159 35 20	3.5 mm	20 mm	7 mm	TX10	1000 PCS
0159 35 25	3.5 mm	25 mm	7 mm	TX10	1000 PCS

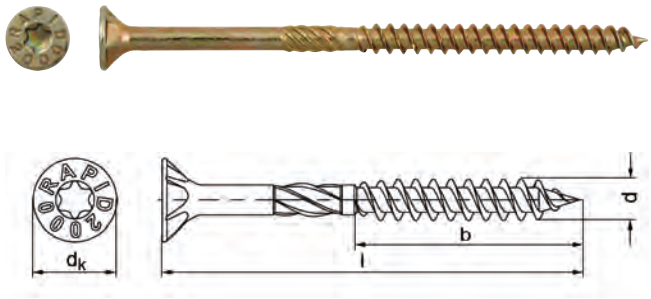
Art. No.	Nominal diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0159 4 20	4 mm	20 mm	8 mm	TX20	1000 PCS
0159 4 25	4 mm	25 mm	8 mm	TX20	1000 PCS
0159 45 20	4.5 mm	20 mm	9 mm	TX20	1000 PCS
0159 45 25	4.5 mm	25 mm	9 mm	TX20	1000 PCS
0159 5 20	5 mm	20 mm	10 mm	TX25	1000 PCS
0159 5 25	5 mm	25 mm	10 mm	TX25	1000 PCS

RAPID® 2000 chipboard screw with countersunk milling pocket head, yellow galvanised

Partial thread

Advantages:

- European Technical Approval ETA–12/0373. From Ø 4.0 mm
- General building inspectorate approval (Z-9.1-564). From Ø 3.0 mm
- Double-start thread reduces screw-in times
- Friction shaft ensures lower screw-in torque.
- Countersunk milling pocket head makes for fast, clean countersinking and prevents the wood from splitting.



Field of Application:
Universal use, interior construction, construction of elements, roofs, and furniture.
For all cases where particle board screws are used.

Head type: Countersunk milling pocket head
Thread type: Wood screw thread
Thread design: Partial thread
Material: Steel
Surface: Yellow galvanised

ETA-12/0373

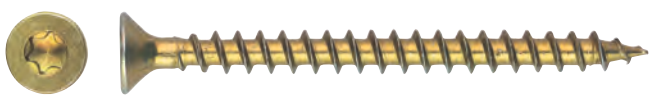
Art. No.	Nominal diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Thread format	Thread length (thread for woodwork) (b)	Core diameter	Packaging unit (VPE)
0159 135 30	3.5 mm	30 mm	7 mm	TX10	Single thread	17 mm	2.1 mm	1000 PCS
0159 135 35	3.5 mm	35 mm	7 mm	TX10	Double thread	22 mm	2.1 mm	1000 PCS
0159 135 40	3.5 mm	40 mm	7 mm	TX10	Double thread	25 mm	2.1 mm	500 PCS
0159 135 45	3.5 mm	45 mm	7 mm	TX10	Double thread	30 mm	2.1 mm	500 PCS
0159 135 50	3.5 mm	50 mm	7 mm	TX10	Double thread	30 mm	2.1 mm	500 PCS
0159 14 30	4 mm	30 mm	8 mm	TX20	Single thread	17 mm	2.4 mm	1000 PCS
0159 14 35	4 mm	35 mm	8 mm	TX20	Double thread	20 mm	2.4 mm	1000 PCS
0159 14 40	4 mm	40 mm	8 mm	TX20	Double thread	25 mm	2.4 mm	500 PCS
0159 14 45	4 mm	45 mm	8 mm	TX20	Double thread	25 mm	2.4 mm	500 PCS
0159 14 50	4 mm	50 mm	8 mm	TX20	Double thread	30 mm	2.4 mm	500 PCS
0159 14 60	4 mm	60 mm	8 mm	TX20	Double thread	35 mm	2.4 mm	200 PCS
0159 14 70	4 mm	70 mm	8 mm	TX20	Double thread	35 mm	2.4 mm	200 PCS
0159 145 30	4.5 mm	30 mm	9 mm	TX20	Single thread	19 mm	2.7 mm	500 PCS
0159 145 35	4.5 mm	35 mm	9 mm	TX20	Double thread	19 mm	2.7 mm	500 PCS
0159 145 40	4.5 mm	40 mm	9 mm	TX20	Double thread	24 mm	2.7 mm	500 PCS
0159 145 45	4.5 mm	45 mm	9 mm	TX20	Double thread	24 mm	2.7 mm	500 PCS
0159 145 50	4.5 mm	50 mm	9 mm	TX20	Double thread	29 mm	2.7 mm	200 PCS

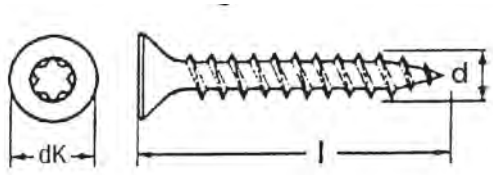
Art. No.	Nominal diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Thread format	Thread length (thread for woodwork) (b)	Core diameter	Packaging unit (VPE)
0159 145 55	4.5 mm	55 mm	9 mm	TX20	Double thread	34 mm	2.7 mm	200 PCS
0159 145 60	4.5 mm	60 mm	9 mm	TX20	Double thread	34 mm	2.7 mm	200 PCS
0159 145 70	4.5 mm	70 mm	9 mm	TX20	Double thread	39 mm	2.7 mm	200 PCS
0159 145 80	4.5 mm	80 mm	9 mm	TX20	Double thread	44 mm	2.7 mm	200 PCS
0159 15 30	5 mm	30 mm	10 mm	TX25	Double thread	19 mm	3.1 mm	500 PCS
0159 15 35	5 mm	35 mm	10 mm	TX25	Double thread	19 mm	3.1 mm	500 PCS
0159 15 40	5 mm	40 mm	10 mm	TX25	Double thread	22 mm	3.1 mm	500 PCS
0159 15 50	5 mm	50 mm	10 mm	TX25	Double thread	27 mm	3.1 mm	200 PCS
0159 15 60	5 mm	60 mm	10 mm	TX25	Double thread	32 mm	3.1 mm	200 PCS
0159 15 70	5 mm	70 mm	10 mm	TX25	Double thread	37 mm	3.1 mm	200 PCS
0159 15 80	5 mm	80 mm	10 mm	TX25	Double thread	47 mm	3.1 mm	200 PCS
0159 15 90	5 mm	90 mm	10 mm	TX25	Double thread	47 mm	3.1 mm	200 PCS
0159 15 100	5 mm	100 mm	10 mm	TX25	Double thread	55 mm	3.1 mm	200 PCS
0159 15 110	5 mm	110 mm	10 mm	TX25	Double thread	65 mm	3.1 mm	100 PCS
0159 15 120	5 mm	120 mm	10 mm	TX25	Double thread	65 mm	3.1 mm	100 PCS
0159 16 50	6 mm	50 mm	12 mm	TX30	Double thread	29 mm	3.8 mm	200 PCS
0159 16 60	6 mm	60 mm	12 mm	TX30	Double thread	34 mm	3.8 mm	200 PCS
0159 16 70	6 mm	70 mm	12 mm	TX30	Double thread	39 mm	3.8 mm	200 PCS
0159 16 80	6 mm	80 mm	12 mm	TX30	Double thread	48 mm	3.8 mm	200 PCS
0159 16 90	6 mm	90 mm	12 mm	TX30	Double thread	48 mm	3.8 mm	100 PCS
0159 16 100	6 mm	100 mm	12 mm	TX30	Double thread	54 mm	3.8 mm	100 PCS
0159 16 110	6 mm	110 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 120	6 mm	120 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 130	6 mm	130 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 140	6 mm	140 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 150	6 mm	150 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 160	6 mm	160 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 180	6 mm	180 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 200	6 mm	200 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 220	6 mm	220 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS
0159 16 240	6 mm	240 mm	12 mm	TX30	Double thread	64 mm	3.8 mm	100 PCS

Countersunk head particle board screw, yellow galvanised, TX

Full thread

Head type: Countersunk head
Material: Steel
Surface: Yellow galvanised





Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0154 3 12	3 mm	12 mm	6 mm	TX10	1000 PCS
0154 3 16	3 mm	16 mm	6 mm	TX10	1000 PCS

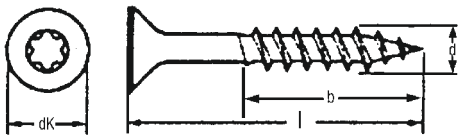
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0154 3 20	3 mm	20 mm	6 mm	TX10	1000 PCS
0154 3 25	3 mm	25 mm	6 mm	TX10	1000 PCS
0154 3 30	3 mm	30 mm	6 mm	TX10	1000 PCS
0154 3 35	3 mm	35 mm	6 mm	TX10	1000 PCS
0154 3 40	3 mm	40 mm	6 mm	TX10	500 PCS
0154 35 16	3.5 mm	16 mm	7 mm	TX15	1000 PCS
0154 35 20	3.5 mm	20 mm	7 mm	TX15	1000 PCS
0154 35 25	3.5 mm	25 mm	7 mm	TX15	1000 PCS
0154 35 30	3.5 mm	30 mm	7 mm	TX15	1000 PCS
0154 35 35	3.5 mm	35 mm	7 mm	TX15	1000 PCS
0154 35 40	3.5 mm	40 mm	7 mm	TX15	500 PCS
0154 35 45	3.5 mm	45 mm	7 mm	TX15	500 PCS
0154 35 50	3.5 mm	50 mm	7 mm	TX15	500 PCS
0154 4 16	4 mm	16 mm	8 mm	TX15	1000 PCS
0154 4 20	4 mm	20 mm	8 mm	TX15	1000 PCS
0154 4 25	4 mm	25 mm	8 mm	TX15	1000 PCS
0154 4 30	4 mm	30 mm	8 mm	TX15	1000 PCS
0154 4 35	4 mm	35 mm	8 mm	TX15	1000 PCS
0154 4 40	4 mm	40 mm	8 mm	TX15	500 PCS
0154 4 45	4 mm	45 mm	8 mm	TX15	500 PCS
0154 4 50	4 mm	50 mm	8 mm	TX15	500 PCS
0154 45 20	4.5 mm	20 mm	9 mm	TX25	1000 PCS
0154 45 25	4.5 mm	25 mm	9 mm	TX25	1000 PCS
0154 45 30	4.5 mm	30 mm	9 mm	TX25	500 PCS
0154 45 35	4.5 mm	35 mm	9 mm	TX25	500 PCS
0154 45 40	4.5 mm	40 mm	9 mm	TX25	500 PCS
0154 45 45	4.5 mm	45 mm	9 mm	TX25	500 PCS
0154 45 50	4.5 mm	50 mm	9 mm	TX25	200 PCS
0154 5 20	5 mm	20 mm	10 mm	TX25	1000 PCS
0154 5 25	5 mm	25 mm	10 mm	TX25	1000 PCS
0154 5 30	5 mm	30 mm	10 mm	TX25	500 PCS
0154 5 35	5 mm	35 mm	10 mm	TX25	500 PCS
0154 5 40	5 mm	40 mm	10 mm	TX25	500 PCS
0154 5 45	5 mm	45 mm	10 mm	TX25	200 PCS
0154 5 50	5 mm	50 mm	10 mm	TX25	200 PCS
0154 5 60	5 mm	60 mm	10 mm	TX25	200 PCS
0154 6 40	6 mm	40 mm	12 mm	TX25	200 PCS
0154 6 50	6 mm	50 mm	12 mm	TX25	200 PCS
0154 6 60	6 mm	60 mm	12 mm	TX25	200 PCS

Countersunk head particle board screw, yellow galvanised, TX

Partial thread

Head type: Countersunk head
Material: Steel
Surface: Yellow galvanised



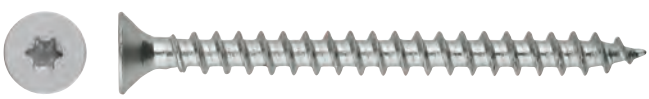


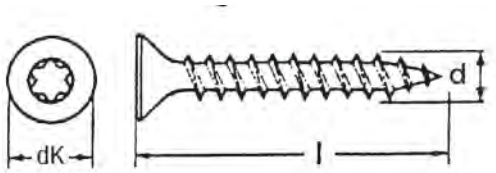
Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0154 13 35	3 mm	35 mm	21 mm	6 mm	TX10	1000 PCS
0154 13 40	3 mm	40 mm	24 mm	6 mm	TX10	500 PCS
0154 135 35	3.5 mm	35 mm	21 mm	7 mm	TX15	1000 PCS
0154 135 40	3.5 mm	40 mm	24 mm	7 mm	TX15	500 PCS
0154 135 45	3.5 mm	45 mm	27 mm	7 mm	TX15	500 PCS
0154 135 50	3.5 mm	50 mm	30 mm	7 mm	TX15	500 PCS
0154 14 30	4 mm	30 mm	18 mm	8 mm	TX15	1000 PCS
0154 14 35	4 mm	35 mm	21 mm	8 mm	TX15	1000 PCS
0154 14 40	4 mm	40 mm	24 mm	8 mm	TX15	500 PCS
0154 14 50	4 mm	50 mm	30 mm	8 mm	TX15	500 PCS
0154 14 60	4 mm	60 mm	36 mm	8 mm	TX15	200 PCS
0154 14 70	4 mm	70 mm	42 mm	8 mm	TX15	200 PCS
0154 145 40	4.5 mm	40 mm	24 mm	9 mm	TX25	500 PCS
0154 145 45	4.5 mm	45 mm	27 mm	9 mm	TX25	500 PCS
0154 145 50	4.5 mm	50 mm	30 mm	9 mm	TX25	200 PCS
0154 145 55	4.5 mm	55 mm	33 mm	9 mm	TX25	200 PCS
0154 145 60	4.5 mm	60 mm	36 mm	9 mm	TX25	200 PCS
0154 145 70	4.5 mm	70 mm	42 mm	9 mm	TX25	200 PCS
0154 145 80	4.5 mm	80 mm	48 mm	9 mm	TX25	200 PCS
0154 15 40	5 mm	40 mm	24 mm	10 mm	TX25	500 PCS
0154 15 45	5 mm	45 mm	27 mm	10 mm	TX25	200 PCS
0154 15 50	5 mm	50 mm	30 mm	10 mm	TX25	200 PCS
0154 15 60	5 mm	60 mm	36 mm	10 mm	TX25	200 PCS
0154 15 70	5 mm	70 mm	42 mm	10 mm	TX25	200 PCS
0154 15 80	5 mm	80 mm	48 mm	10 mm	TX25	200 PCS
0154 15 90	5 mm	90 mm	54 mm	10 mm	TX25	200 PCS
0154 15 100	5 mm	100 mm	60 mm	10 mm	TX25	200 PCS
0154 15 120	5 mm	120 mm	60 mm	10 mm	TX25	100 PCS
0154 16 50	6 mm	50 mm	30 mm	12 mm	TX25	200 PCS
0154 16 60	6 mm	60 mm	36 mm	12 mm	TX25	200 PCS
0154 16 70	6 mm	70 mm	42 mm	12 mm	TX25	200 PCS
0154 16 80	6 mm	80 mm	48 mm	12 mm	TX25	200 PCS
0154 16 90	6 mm	90 mm	54 mm	12 mm	TX25	100 PCS
0154 16 100	6 mm	100 mm	60 mm	12 mm	TX25	100 PCS
0154 16 110	6 mm	110 mm	70 mm	12 mm	TX25	100 PCS
0154 16 120	6 mm	120 mm	70 mm	12 mm	TX25	100 PCS
0154 16 140	6 mm	140 mm	70 mm	12 mm	TX25	100 PCS
0154 16 160	6 mm	160 mm	80 mm	12 mm	TX25	100 PCS
0154 16 180	6 mm	180 mm	80 mm	12 mm	TX25	100 PCS
0154 16 200	6 mm	200 mm	80 mm	12 mm	TX25	100 PCS

Countersunk head particle board screw, galvanised, TX

Full thread

Head type: Countersunk head
Material: Steel
Surface: Galvanised



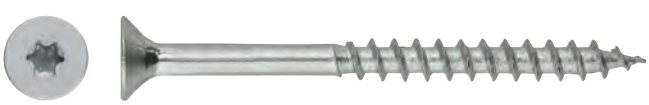


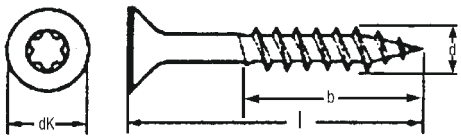
Art. No.	Diameter (d)	Length (l)	Internal drive	Head diameter (dk)	Packaging unit (VPE)
0155 3 12	3 mm	12 mm	TX10	6 mm	1000 PCS
0155 3 16	3 mm	16 mm	TX10	6 mm	1000 PCS
0155 3 20	3 mm	20 mm	TX10	6 mm	1000 PCS
0155 3 25	3 mm	25 mm	TX10	6 mm	1000 PCS
0155 3 30	3 mm	30 mm	TX10	6 mm	1000 PCS
0155 35 12	3.5 mm	12 mm	TX15	7 mm	1000 PCS
0155 35 16	3.5 mm	16 mm	TX15	7 mm	1000 PCS
0155 35 20	3.5 mm	20 mm	TX15	7 mm	1000 PCS
0155 35 25	3.5 mm	25 mm	TX15	7 mm	1000 PCS
0155 35 30	3.5 mm	30 mm	TX15	7 mm	1000 PCS
0155 35 35	3.5 mm	35 mm	TX15	7 mm	1000 PCS
0155 35 40	3.5 mm	40 mm	TX15	7 mm	500 PCS
0155 4 16	4 mm	16 mm	TX15	8 mm	1000 PCS
0155 4 20	4 mm	20 mm	TX15	8 mm	1000 PCS
0155 4 25	4 mm	25 mm	TX15	8 mm	1000 PCS
0155 4 30	4 mm	30 mm	TX15	8 mm	1000 PCS
0155 4 35	4 mm	35 mm	TX15	8 mm	1000 PCS
0155 4 40	4 mm	40 mm	TX15	8 mm	500 PCS
0155 4 45	4 mm	45 mm	TX15	8 mm	500 PCS
0155 4 50	4 mm	50 mm	TX15	8 mm	500 PCS
0155 45 20	4.5 mm	20 mm	TX25	9 mm	1000 PCS
0155 45 25	4.5 mm	25 mm	TX25	9 mm	1000 PCS
0155 45 30	4.5 mm	30 mm	TX25	9 mm	500 PCS
0155 45 35	4.5 mm	35 mm	TX25	9 mm	500 PCS
0155 45 40	4.5 mm	40 mm	TX25	9 mm	500 PCS
0155 45 45	4.5 mm	45 mm	TX25	9 mm	500 PCS
0155 45 50	4.5 mm	50 mm	TX25	9 mm	200 PCS
0155 5 20	5 mm	20 mm	TX25	10 mm	1000 PCS
0155 5 25	5 mm	25 mm	TX25	10 mm	1000 PCS
0155 5 30	5 mm	30 mm	TX25	10 mm	500 PCS
0155 5 35	5 mm	35 mm	TX25	10 mm	500 PCS
0155 5 40	5 mm	40 mm	TX25	10 mm	500 PCS
0155 5 50	5 mm	50 mm	TX25	10 mm	200 PCS
0155 5 60	5 mm	60 mm	TX25	10 mm	200 PCS
0155 6 40	6 mm	40 mm	TX25	12 mm	200 PCS
0155 6 50	6 mm	50 mm	TX25	12 mm	200 PCS
0155 6 60	6 mm	60 mm	TX25	12 mm	200 PCS

Countersunk head particle board screw, galvanised, TX

Partial thread

Head type: Countersunk head
Material: Steel
Surface: Galvanised





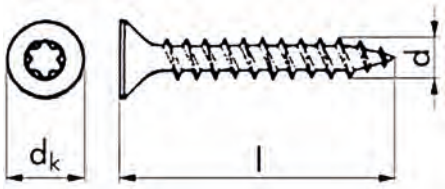
Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0155 13 35	3 mm	35 mm	21 mm	6 mm	TX10	1000 PCS
0155 13 40	3 mm	40 mm	24 mm	6 mm	TX10	500 PCS
0155 135 35	3.5 mm	35 mm	21 mm	7 mm	TX15	1000 PCS
0155 135 40	3.5 mm	40 mm	24 mm	7 mm	TX15	500 PCS
0155 135 45	3.5 mm	45 mm	27 mm	7 mm	TX15	500 PCS
0155 135 50	3.5 mm	50 mm	30 mm	7 mm	TX15	500 PCS
0155 14 30	4 mm	30 mm	18 mm	8 mm	TX15	1000 PCS
0155 14 35	4 mm	35 mm	21 mm	8 mm	TX15	1000 PCS
0155 14 40	4 mm	40 mm	24 mm	8 mm	TX15	500 PCS
0155 14 50	4 mm	50 mm	30 mm	8 mm	TX15	500 PCS
0155 14 60	4 mm	60 mm	36 mm	8 mm	TX15	200 PCS
0155 145 40	4.5 mm	40 mm	24 mm	9 mm	TX25	500 PCS
0155 145 45	4.5 mm	45 mm	27 mm	9 mm	TX25	500 PCS
0155 145 50	4.5 mm	50 mm	30 mm	9 mm	TX25	200 PCS
0155 145 55	4.5 mm	55 mm	33 mm	9 mm	TX25	200 PCS
0155 145 60	4.5 mm	60 mm	36 mm	9 mm	TX25	200 PCS
0155 15 40	5 mm	40 mm	24 mm	10 mm	TX25	500 PCS
0155 15 45	5 mm	45 mm	27 mm	10 mm	TX25	200 PCS
0155 15 50	5 mm	50 mm	30 mm	10 mm	TX25	200 PCS
0155 15 60	5 mm	60 mm	36 mm	10 mm	TX25	200 PCS
0155 15 70	5 mm	70 mm	42 mm	10 mm	TX25	200 PCS
0155 15 80	5 mm	80 mm	48 mm	10 mm	TX25	200 PCS
0155 15 90	5 mm	90 mm	54 mm	10 mm	TX25	200 PCS
0155 15 100	5 mm	100 mm	60 mm	10 mm	TX25	200 PCS
0155 15 120	5 mm	120 mm	60 mm	10 mm	TX25	100 PCS
0155 16 50	6 mm	50 mm	30 mm	12 mm	TX25	200 PCS
0155 16 60	6 mm	60 mm	36 mm	12 mm	TX25	200 PCS
0155 16 70	6 mm	70 mm	42 mm	12 mm	TX25	200 PCS
0155 16 80	6 mm	80 mm	48 mm	12 mm	TX25	200 PCS
0155 16 90	6 mm	90 mm	54 mm	12 mm	TX25	100 PCS
0155 16 100	6 mm	100 mm	60 mm	12 mm	TX25	100 PCS
0155 16 110	6 mm	110 mm	70 mm	12 mm	TX25	100 PCS
0155 16 120	6 mm	120 mm	70 mm	12 mm	TX25	100 PCS
0155 16 140	6 mm	140 mm	70 mm	12 mm	TX25	100 PCS
0155 16 150	6 mm	150 mm	70 mm	12 mm	TX25	100 PCS
0155 16 160	6 mm	160 mm	80 mm	12 mm	TX25	100 PCS
0155 16 180	6 mm	180 mm	80 mm	12 mm	TX25	100 PCS
0155 16 200	6 mm	200 mm	80 mm	12 mm	TX25	100 PCS

Countersunk head particle board screw, A2, TX

Full thread

Head type: Countersunk head
Material: Stainless steel A2
Surface: Bare





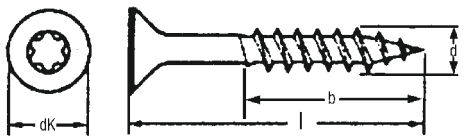
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0183 3 16	3 mm	16 mm	6 mm	TX10	200 PCS
0183 3 20	3 mm	20 mm	6 mm	TX10	200 PCS
0183 3 25	3 mm	25 mm	6 mm	TX10	200 PCS
0183 3 30	3 mm	30 mm	6 mm	TX10	200 PCS
0183 35 20	3.5 mm	20 mm	7 mm	TX10	200 PCS
0183 35 25	3.5 mm	25 mm	7 mm	TX10	200 PCS
0183 35 30	3.5 mm	30 mm	7 mm	TX10	200 PCS
0183 4 20	4 mm	20 mm	8 mm	TX20	200 PCS
0183 4 25	4 mm	25 mm	8 mm	TX20	200 PCS
0183 4 30	4 mm	30 mm	8 mm	TX20	200 PCS
0183 4 35	4 mm	35 mm	8 mm	TX20	200 PCS
0183 45 25	4.5 mm	25 mm	9 mm	TX20	200 PCS
0183 45 30	4.5 mm	30 mm	9 mm	TX20	200 PCS
0183 45 35	4.5 mm	35 mm	9 mm	TX20	200 PCS
0183 5 30	5 mm	30 mm	10 mm	TX25	100 PCS
0183 5 40	5 mm	40 mm	10 mm	TX25	100 PCS
0183 5 50	5 mm	50 mm	10 mm	TX25	100 PCS
0183 6 40	6 mm	40 mm	12 mm	TX25	100 PCS
0183 6 50	6 mm	50 mm	12 mm	TX25	100 PCS

Countersunk head particle board screw, A2, TX

Partial thread

Head type: Countersunk head
Material: Stainless steel A2
Surface: Bare





Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0183 135 40	3.5 mm	40 mm	24 mm	7 mm	TX10	200 PCS
0183 14 40	4 mm	40 mm	24 mm	8 mm	TX20	200 PCS
0183 14 50	4 mm	50 mm	30 mm	8 mm	TX20	100 PCS
0183 14 60	4 mm	60 mm	36 mm	8 mm	TX20	100 PCS
0183 145 40	4.5 mm	40 mm	24 mm	9 mm	TX20	200 PCS
0183 145 45	4.5 mm	45 mm	27 mm	9 mm	TX20	200 PCS
0183 145 50	4.5 mm	50 mm	30 mm	9 mm	TX20	100 PCS
0183 145 60	4.5 mm	60 mm	36 mm	9 mm	TX20	100 PCS
0183 145 70	4.5 mm	70 mm	42 mm	9 mm	TX20	100 PCS
0183 15 50	5 mm	50 mm	30 mm	10 mm	TX25	100 PCS
0183 15 60	5 mm	60 mm	36 mm	10 mm	TX25	100 PCS
0183 15 70	5 mm	70 mm	42 mm	10 mm	TX25	100 PCS
0183 15 80	5 mm	80 mm	48 mm	10 mm	TX25	100 PCS
0183 15 90	5 mm	90 mm	54 mm	10 mm	TX25	100 PCS
0183 15 100	5 mm	100 mm	60 mm	10 mm	TX25	100 PCS
0183 16 60	6 mm	60 mm	36 mm	12 mm	TX25	100 PCS
0183 16 70	6 mm	70 mm	42 mm	12 mm	TX25	100 PCS
0183 16 80	6 mm	80 mm	48 mm	12 mm	TX25	100 PCS
0183 16 90	6 mm	90 mm	54 mm	12 mm	TX25	100 PCS
0183 16 100	6 mm	100 mm	60 mm	12 mm	TX25	100 PCS
0183 16 120	6 mm	100 mm	70 mm	12 mm	TX25	100 PCS

Cover cap for particle board screw

Colour: Pure white RAL 9010
Material: Plastic
Version: With pin



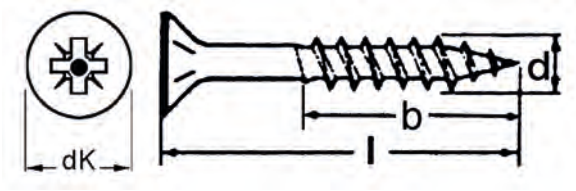
Art. No.	Diameter	Internal drive of screw	Packaging unit (VPE)
0590 176 151	12 mm	TX15	500 PCS
0590 176 251	13.5 mm	TX25	500 PCS

Particle board screw with milling ribs and pre-drilled head, galvanised, Pozidrive)

Partial thread

Internal drive: Z2
Head type (Kopfform): Milling head
Material (Werkstoff): Steel
Surface (Oberfläche): Galvanised





Art. No.	Diameter (d)	Length (l)	Thread length (thread for woodwork) (b)	Head diameter (dk)	Packaging unit (VPE)
0174 245 30	4.5 mm	30 mm	18 mm	9 mm	500 PCS
0174 245 35	4.5 mm	35 mm	21 mm	9 mm	500 PCS
0174 245 40	4.5 mm	40 mm	24 mm	9 mm	500 PCS
0174 245 45	4.5 mm	45 mm	27 mm	9 mm	500 PCS
0174 245 50	4.5 mm	50 mm	30 mm	9 mm	250 PCS
0174 245 60	4.5 mm	60 mm	36 mm	9 mm	250 PCS
0174 245 70	4.5 mm	70 mm	42 mm	9 mm	200 PCS
0174 25 60	5 mm	60 mm	36 mm	10 mm	250 PCS
0174 25 70	5 mm	70 mm	42 mm	10 mm	200 PCS
0174 25 80	5 mm	80 mm	48 mm	10 mm	100 PCS
0174 25 90	5 mm	90 mm	54 mm	10 mm	100 PCS
0174 25 100	5 mm	100 mm	60 mm	10 mm	100 PCS

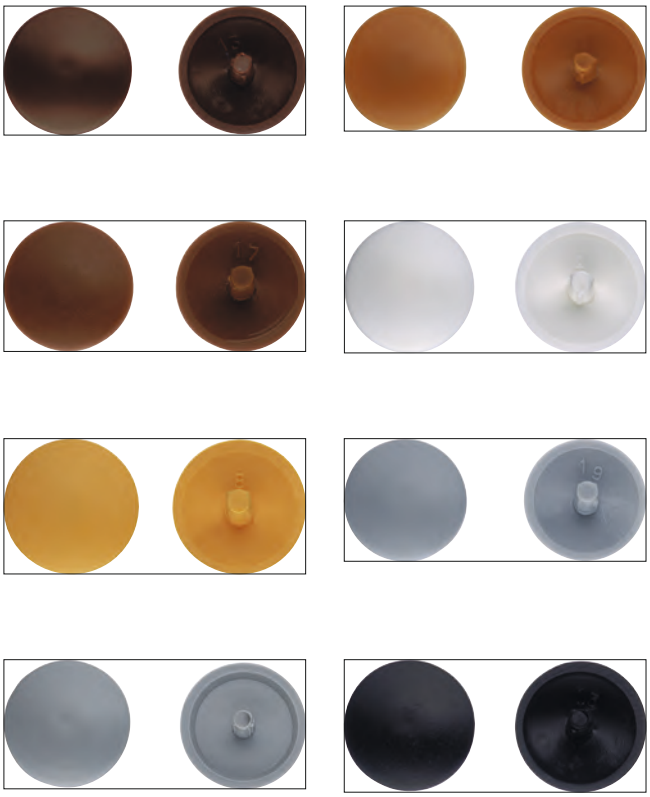
Cover cap for particle board screw with pre-drilled head

With pin

Advice:
Colour of the individual cover caps may not be true shades. Please refer to RAL numbers for definitions.

Material (Werkstoff): Plastic
Version (Ausführung): With pin





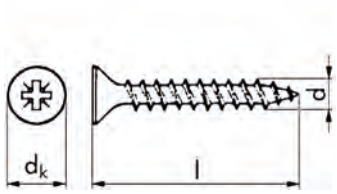
Art. No.	Diameter	Colour	Packaging unit (VPE)
0590 122 59	12 mm	Fawn brown RAL 8007	500 PCS
0590 122 56	12 mm	Jet black RAL 9005	500 PCS
0590 122 591	12 mm	Mahogany RAL 8016	500 PCS
0590 122 592	12 mm	Ochre brown RAL 8001	500 PCS
0590 122 5	12 mm	Pure white RAL 9010	500 PCS
0590 122 55	12 mm	Silver grey RAL 7001	500 PCS
0590 152 551	15 mm	Dusty grey RAL 7037	500 PCS
0590 152 59	15 mm	Fawn brown RAL 8007	500 PCS
0590 152 56	15 mm	Jet black RAL 9005	500 PCS
0590 152 591	15 mm	Mahogany RAL 8016	500 PCS
0590 152 592	15 mm	Ochre brown RAL 8001	500 PCS
0590 152 5	15 mm	Pure white RAL 9010	500 PCS
0590 152 552	15 mm	Saffron yellow RAL 1017	500 PCS
0590 152 595	15 mm	Silver grey RAL 7001	500 PCS

Countersunk head particle board screw, yellow galvanised, Pozidrive

Full thread

Head type: Countersunk head
Material: Steel
Surface: Yellow galvanised





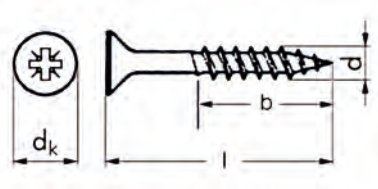
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0186 24 16	2.5 mm	16 mm	5 mm	Z1	1000 PCS
0186 3 16	3 mm	16 mm	6 mm	Z1	1000 PCS
0186 3 20	3 mm	20 mm	6 mm	Z1	1000 PCS
0186 3 25	3 mm	25 mm	6 mm	Z1	1000 PCS
0186 3 30	3 mm	30 mm	6 mm	Z1	1000 PCS
0186 3 35	3 mm	35 mm	6 mm	Z1	1000 PCS
0186 3 40	3 mm	40 mm	6 mm	Z1	500 PCS
0186 35 16	3.5 mm	16 mm	7 mm	Z2	1000 PCS
0186 35 20	3.5 mm	20 mm	7 mm	Z2	1000 PCS
0186 35 25	3.5 mm	25 mm	7 mm	Z2	1000 PCS
0186 35 30	3.5 mm	30 mm	7 mm	Z2	1000 PCS
0186 35 35	3.5 mm	35 mm	7 mm	Z2	1000 PCS
0186 35 40	3.5 mm	40 mm	7 mm	Z2	500 PCS
0186 35 45	3.5 mm	45 mm	7 mm	Z2	500 PCS
0186 35 50	3.5 mm	50 mm	7 mm	Z2	500 PCS
0186 4 16	4 mm	16 mm	8 mm	Z2	1000 PCS
0186 4 20	4 mm	20 mm	8 mm	Z2	1000 PCS
0186 4 25	4 mm	25 mm	8 mm	Z2	1000 PCS
0186 4 30	4 mm	30 mm	8 mm	Z2	1000 PCS
0186 4 35	4 mm	35 mm	8 mm	Z2	1000 PCS
0186 4 40	4 mm	40 mm	8 mm	Z2	500 PCS
0186 4 45	4 mm	45 mm	8 mm	Z2	500 PCS
0186 4 50	4 mm	50 mm	8 mm	Z2	500 PCS
0186 4 55	4 mm	55 mm	8 mm	Z2	200 PCS
0186 45 20	4.5 mm	20 mm	9 mm	Z2	1000 PCS
0186 45 25	4.5 mm	25 mm	9 mm	Z2	1000 PCS
0186 45 30	4.5 mm	30 mm	9 mm	Z2	500 PCS
0186 45 35	4.5 mm	35 mm	9 mm	Z2	500 PCS
0186 45 40	4.5 mm	40 mm	9 mm	Z2	500 PCS
0186 45 45	4.5 mm	45 mm	9 mm	Z2	500 PCS
0186 45 50	4.5 mm	50 mm	9 mm	Z2	200 PCS
0186 45 55	4.5 mm	55 mm	9 mm	Z2	200 PCS
0186 5 20	5 mm	20 mm	10 mm	Z2	1000 PCS
0186 5 25	5 mm	25 mm	10 mm	Z2	1000 PCS
0186 5 30	5 mm	30 mm	10 mm	Z2	500 PCS
0186 5 35	5 mm	35 mm	10 mm	Z2	500 PCS
0186 5 40	5 mm	40 mm	10 mm	Z2	500 PCS
0186 5 45	5 mm	45 mm	10 mm	Z2	200 PCS
0186 5 50	5 mm	50 mm	10 mm	Z2	200 PCS
0186 5 60	5 mm	60 mm	10 mm	Z2	200 PCS
0186 6 40	6 mm	40 mm	12 mm	Z3	200 PCS
0186 6 50	6 mm	50 mm	12 mm	Z3	200 PCS
0186 6 60	6 mm	60 mm	12 mm	Z3	200 PCS

Countersunk head particle board screw, yellow galvanised, Pozidrive

Partial thread

Head type: Countersunk head
Material: Steel
Surface: Yellow galvanised





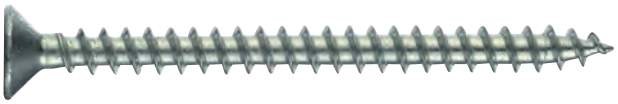
Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0186 135 35	3.5 mm	35 mm	21 mm	7 mm	Z2	1000 PCS
0186 135 40	3.5 mm	40 mm	24 mm	7 mm	Z2	500 PCS
0186 14 30	4 mm	30 mm	18 mm	8 mm	Z2	1000 PCS
0186 14 35	4 mm	35 mm	21 mm	8 mm	Z2	1000 PCS
0186 14 40	4 mm	40 mm	24 mm	8 mm	Z2	500 PCS
0186 14 45	4 mm	45 mm	27 mm	8 mm	Z2	500 PCS
0186 14 50	4 mm	50 mm	30 mm	8 mm	Z2	500 PCS
0186 14 55	4 mm	55 mm	33 mm	8 mm	Z2	200 PCS
0186 14 60	4 mm	60 mm	36 mm	8 mm	Z2	200 PCS
0186 14 70	4 mm	70 mm	42 mm	8 mm	Z2	200 PCS
0186 145 40	4.5 mm	40 mm	24 mm	9 mm	Z2	500 PCS
0186 145 45	4.5 mm	45 mm	27 mm	9 mm	Z2	500 PCS
0186 145 50	4.5 mm	50 mm	30 mm	9 mm	Z2	200 PCS
0186 145 60	4.5 mm	60 mm	36 mm	9 mm	Z2	200 PCS
0186 145 70	4.5 mm	70 mm	42 mm	9 mm	Z2	200 PCS
0186 145 80	4.5 mm	80 mm	48 mm	9 mm	Z2	200 PCS
0186 15 40	5 mm	40 mm	24 mm	10 mm	Z2	500 PCS
0186 15 50	5 mm	50 mm	30 mm	10 mm	Z2	200 PCS
0186 15 55	5 mm	55 mm	33 mm	10 mm	Z2	200 PCS
0186 15 60	5 mm	60 mm	36 mm	10 mm	Z2	200 PCS
0186 15 70	5 mm	70 mm	42 mm	10 mm	Z2	200 PCS
0186 15 80	5 mm	80 mm	48 mm	10 mm	Z2	200 PCS
0186 15 90	5 mm	90 mm	54 mm	10 mm	Z2	200 PCS
0186 15 100	5 mm	100 mm	60 mm	10 mm	Z2	200 PCS
0186 15 120	5 mm	120 mm	70 mm	10 mm	Z2	100 PCS
0186 16 40	6 mm	40 mm	24 mm	12 mm	Z3	200 PCS
0186 16 50	6 mm	50 mm	30 mm	12 mm	Z3	200 PCS
0186 16 60	6 mm	60 mm	36 mm	12 mm	Z3	200 PCS
0186 16 70	6 mm	70 mm	42 mm	12 mm	Z3	200 PCS
0186 16 80	6 mm	80 mm	48 mm	12 mm	Z3	200 PCS
0186 16 90	6 mm	90 mm	54 mm	12 mm	Z3	100 PCS
0186 16 100	6 mm	100 mm	60 mm	12 mm	Z3	100 PCS
0186 16 110	6 mm	110 mm	70 mm	12 mm	Z3	100 PCS
0186 16 120	6 mm	120 mm	70 mm	12 mm	Z3	100 PCS
0186 16 130	6 mm	130 mm	70 mm	12 mm	Z3	100 PCS
0186 16 140	6 mm	140 mm	70 mm	12 mm	Z3	100 PCS
0186 16 150	6 mm	150 mm	70 mm	12 mm	Z3	100 PCS
0186 16 160	6 mm	160 mm	70 mm	12 mm	Z3	100 PCS

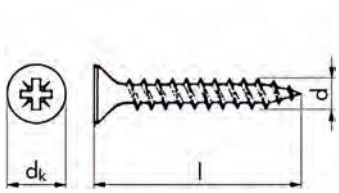
Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0186 16 180	6 mm	180 mm	70 mm	12 mm	Z3	100 PCS
0186 16 200	6 mm	200 mm	70 mm	12 mm	Z3	100 PCS

Countersunk head particle board screw, galvanised, Pozidrive

Full thread

Head type: Countersunk head
Material: Steel
Surface: Galvanised





Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0198 3 16	3 mm	16 mm	6 mm	Z1	1000 PCS
0198 3 20	3 mm	20 mm	6 mm	Z1	1000 PCS
0198 3 25	3 mm	25 mm	6 mm	Z1	1000 PCS
0198 3 30	3 mm	30 mm	6 mm	Z1	1000 PCS
0198 3 35	3 mm	35 mm	6 mm	Z1	1000 PCS
0198 3 40	3 mm	40 mm	6 mm	Z1	500 PCS
0198 35 16	3.5 mm	16 mm	7 mm	Z2	1000 PCS
0198 35 20	3.5 mm	20 mm	7 mm	Z2	1000 PCS
0198 35 25	3.5 mm	25 mm	7 mm	Z2	1000 PCS
0198 35 30	3.5 mm	30 mm	7 mm	Z2	1000 PCS
0198 35 35	3.5 mm	35 mm	7 mm	Z2	1000 PCS
0198 35 40	3.5 mm	40 mm	7 mm	Z2	500 PCS
0198 35 45	3.5 mm	45 mm	7 mm	Z2	500 PCS
0198 35 50	3.5 mm	50 mm	7 mm	Z2	500 PCS
0198 4 16	4 mm	16 mm	8 mm	Z2	1000 PCS
0198 4 20	4 mm	20 mm	8 mm	Z2	1000 PCS
0198 4 25	4 mm	25 mm	8 mm	Z2	1000 PCS
0198 4 30	4 mm	30 mm	8 mm	Z2	1000 PCS
0198 4 35	4 mm	35 mm	8 mm	Z2	1000 PCS
0198 4 40	4 mm	40 mm	8 mm	Z2	500 PCS
0198 4 45	4 mm	45 mm	8 mm	Z2	500 PCS
0198 4 50	4 mm	50 mm	8 mm	Z2	500 PCS
0198 4 55	4 mm	55 mm	8 mm	Z2	200 PCS
0198 45 20	4.5 mm	20 mm	9 mm	Z2	1000 PCS
0198 45 25	4.5 mm	25 mm	9 mm	Z2	1000 PCS
0198 45 30	4.5 mm	30 mm	9 mm	Z2	500 PCS
0198 45 35	4.5 mm	35 mm	9 mm	Z2	500 PCS
0198 45 40	4.5 mm	40 mm	9 mm	Z2	500 PCS
0198 45 45	4.5 mm	45 mm	9 mm	Z2	500 PCS
0198 45 50	4.5 mm	50 mm	9 mm	Z2	200 PCS
0198 45 55	4.5 mm	55 mm	9 mm	Z2	200 PCS
0198 5 16	5 mm	16 mm	10 mm	Z2	1000 PCS

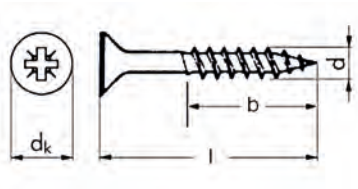
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0198 5 20	5 mm	20 mm	10 mm	Z2	1000 PCS
0198 5 25	5 mm	25 mm	10 mm	Z2	1000 PCS
0198 5 30	5 mm	30 mm	10 mm	Z2	500 PCS
0198 5 35	5 mm	35 mm	10 mm	Z2	500 PCS
0198 5 40	5 mm	40 mm	10 mm	Z2	500 PCS
0198 5 45	5 mm	45 mm	10 mm	Z2	200 PCS
0198 5 50	5 mm	50 mm	10 mm	Z2	200 PCS
0198 5 55	5 mm	55 mm	10 mm	Z2	200 PCS
0198 5 60	5 mm	60 mm	10 mm	Z2	200 PCS
0198 6 40	6 mm	40 mm	12 mm	Z3	200 PCS
0198 6 50	6 mm	50 mm	12 mm	Z3	200 PCS
0198 6 60	6 mm	60 mm	12 mm	Z3	200 PCS

Countersunk head particle board screw, galvanised, Pozidrive

Partial thread

Head type: Countersunk head
Material: Steel
Surface: Galvanised





Art. No.	Length (l)	Diameter (d)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0198 14 40	40 mm	4 mm	24 mm	8 mm	Z2	500 PCS
0198 145 40	40 mm	4.5 mm	24 mm	9 mm	Z2	500 PCS
0198 15 40	40 mm	5 mm	24 mm	10 mm	Z2	500 PCS
0198 14 45	45 mm	4 mm	27 mm	8 mm	Z2	500 PCS
0198 145 45	45 mm	4.5 mm	27 mm	9 mm	Z2	500 PCS
0198 14 50	50 mm	4 mm	30 mm	8 mm	Z2	500 PCS
0198 145 50	50 mm	4.5 mm	30 mm	9 mm	Z2	200 PCS
0198 15 50	50 mm	5 mm	30 mm	10 mm	Z2	200 PCS
0198 16 50	50 mm	6 mm	30 mm	12 mm	Z3	200 PCS
0198 14 60	60 mm	4 mm	36 mm	8 mm	Z2	200 PCS
0198 145 60	60 mm	4.5 mm	36 mm	9 mm	Z2	200 PCS
0198 15 60	60 mm	5 mm	36 mm	10 mm	Z2	200 PCS
0198 16 60	60 mm	6 mm	36 mm	12 mm	Z3	200 PCS
0198 14 70	70 mm	4 mm	42 mm	8 mm	Z2	200 PCS
0198 145 70	70 mm	4.5 mm	42 mm	9 mm	Z2	200 PCS
0198 15 70	70 mm	5 mm	42 mm	10 mm	Z2	200 PCS
0198 16 70	70 mm	6 mm	42 mm	12 mm	Z3	200 PCS
0198 145 80	80 mm	4.5 mm	48 mm	9 mm	Z2	200 PCS
0198 15 80	80 mm	5 mm	48 mm	10 mm	Z2	200 PCS
0198 16 80	80 mm	6 mm	48 mm	12 mm	Z3	200 PCS
0198 15 90	90 mm	5 mm	54 mm	10 mm	Z2	200 PCS
0198 16 90	90 mm	6 mm	54 mm	12 mm	Z3	100 PCS
0198 15 100	100 mm	5 mm	60 mm	10 mm	Z2	200 PCS

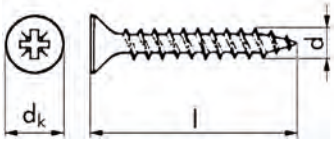
Art. No.	Length (l)	Diameter (d)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0198 16 100	100 mm	6 mm	60 mm	12 mm	Z3	100 PCS
0198 15 120	120 mm	5 mm	70 mm	10 mm	Z2	100 PCS
0198 16 120	120 mm	6 mm	70 mm	12 mm	Z3	100 PCS
0198 16 140	140 mm	6 mm	70 mm	12 mm	Z3	100 PCS
0198 16 150	150 mm	6 mm	70 mm	12 mm	Z3	100 PCS
0198 16 160	160 mm	6 mm	70 mm	12 mm	Z3	100 PCS
0198 16 180	180 mm	6 mm	70 mm	12 mm	Z3	100 PCS

Countersunk head particle board screw, A2, Pozidrive

Full thread

Head type: Countersunk head
Material: Stainless steel A2
Surface: Bare





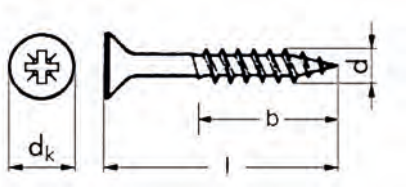
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0182 3 16	3 mm	16 mm	6 mm	Z1	200 PCS
0182 3 20	3 mm	20 mm	6 mm	Z1	200 PCS
0182 3 25	3 mm	25 mm	6 mm	Z1	200 PCS
0182 3 30	3 mm	30 mm	6 mm	Z1	200 PCS
0182 35 20	3.5 mm	20 mm	7 mm	Z2	200 PCS
0182 35 25	3.5 mm	25 mm	7 mm	Z2	200 PCS
0182 35 30	3.5 mm	30 mm	7 mm	Z2	200 PCS
0182 4 16	4 mm	16 mm	8 mm	Z2	200 PCS
0182 4 20	4 mm	20 mm	8 mm	Z2	200 PCS
0182 4 25	4 mm	25 mm	8 mm	Z2	200 PCS
0182 4 30	4 mm	30 mm	8 mm	Z2	200 PCS
0182 4 35	4 mm	35 mm	8 mm	Z2	200 PCS
0182 45 25	4.5 mm	25 mm	9 mm	Z2	200 PCS
0182 45 30	4.5 mm	30 mm	9 mm	Z2	200 PCS
0182 45 35	4.5 mm	35 mm	9 mm	Z2	200 PCS
0182 5 30	5 mm	30 mm	10 mm	Z2	100 PCS
0182 5 40	5 mm	40 mm	10 mm	Z2	100 PCS
0182 5 50	5 mm	50 mm	10 mm	Z2	100 PCS
0182 6 40	6 mm	40 mm	12 mm	Z3	100 PCS
0182 6 50	6 mm	50 mm	12 mm	Z3	100 PCS

Countersunk head particle board screw, A2, Pozidrive

Partial thread

Head type: Countersunk head
Material: Stainless steel A2
Surface: Bare





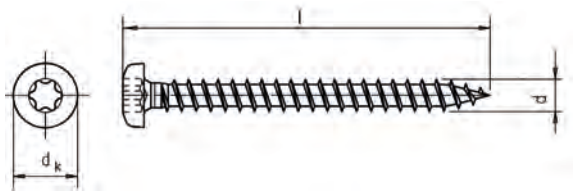
Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0182 35 40	3.5 mm	40 mm	24 mm	7 mm	Z2	200 PCS
0182 4 40	4 mm	40 mm	24 mm	8 mm	Z2	200 PCS
0182 4 50	4 mm	50 mm	30 mm	8 mm	Z2	100 PCS
0182 4 60	4 mm	60 mm	36 mm	8 mm	Z2	100 PCS
0182 45 40	4.5 mm	40 mm	24 mm	9 mm	Z2	200 PCS
0182 45 50	4.5 mm	50 mm	30 mm	9 mm	Z2	100 PCS
0182 45 60	4.5 mm	60 mm	36 mm	9 mm	Z2	100 PCS
0182 45 70	4.5 mm	70 mm	42 mm	9 mm	Z2	100 PCS
0182 5 60	5 mm	60 mm	36 mm	10 mm	Z2	100 PCS
0182 5 70	5 mm	70 mm	42 mm	10 mm	Z2	100 PCS
0182 5 80	5 mm	80 mm	48 mm	10 mm	Z2	100 PCS
0182 5 90	5 mm	90 mm	54 mm	10 mm	Z2	100 PCS
0182 5 100	5 mm	100 mm	60 mm	10 mm	Z2	100 PCS
0182 6 60	6 mm	60 mm	36 mm	12 mm	Z3	100 PCS
0182 6 70	6 mm	70 mm	42 mm	12 mm	Z3	100 PCS
0182 6 80	6 mm	80 mm	48 mm	12 mm	Z3	100 PCS
0182 6 90	6 mm	90 mm	54 mm	12 mm	Z3	100 PCS
0182 6 100	6 mm	100 mm	60 mm	12 mm	Z3	100 PCS
0182 6 120	6 mm	120 mm	70 mm	12 mm	Z3	100 PCS

Pan head particle board screw, A2, TX

Full thread

Head type: Pan head
Material: Stainless steel A2
Surface: Bare





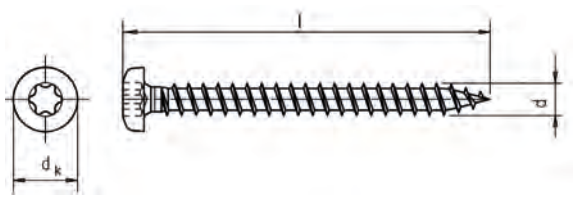
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0184 4 20	4 mm	20 mm	8 mm	2.8 mm	TX20	200 PCS
0184 4 25	4 mm	25 mm	8 mm	2.8 mm	TX20	200 PCS
0184 4 30	4 mm	30 mm	8 mm	2.8 mm	TX20	200 PCS
0184 4 35	4 mm	35 mm	8 mm	2.8 mm	TX20	200 PCS
0184 4 40	4 mm	40 mm	8 mm	2.8 mm	TX20	200 PCS
0184 4 45	4 mm	45 mm	8 mm	2.8 mm	TX20	200 PCS
0184 5 20	5 mm	20 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 25	5 mm	25 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 30	5 mm	30 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 35	5 mm	35 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 40	5 mm	40 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 50	5 mm	50 mm	10 mm	3.4 mm	TX25	100 PCS
0184 5 60	5 mm	60 mm	10 mm	3.4 mm	TX25	100 PCS

Pan head particle board screw, galvanised, TX

Full thread

Head type: Pan head
Material: Steel
Surface: Galvanised





Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0153 35 16	3.5 mm	16 mm	7 mm	2.6 mm	TX15	1000 PCS
0153 35 20	3.5 mm	20 mm	7 mm	2.6 mm	TX15	1000 PCS
0153 35 25	3.5 mm	25 mm	7 mm	2.6 mm	TX15	1000 PCS

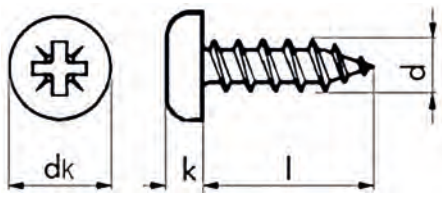
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0153 35 30	3.5 mm	30 mm	7 mm	2.6 mm	TX15	1000 PCS
0153 35 35	3.5 mm	35 mm	7 mm	2.6 mm	TX15	1000 PCS
0153 4 16	4 mm	16 mm	8 mm	2.9 mm	TX15	1000 PCS
0153 4 20	4 mm	20 mm	8 mm	2.9 mm	TX15	1000 PCS
0153 4 25	4 mm	25 mm	8 mm	2.9 mm	TX15	1000 PCS
0153 4 30	4 mm	30 mm	8 mm	2.9 mm	TX15	1000 PCS
0153 4 35	4 mm	35 mm	8 mm	2.9 mm	TX15	500 PCS
0153 4 40	4 mm	40 mm	8 mm	2.9 mm	TX15	500 PCS
0153 4 45	4 mm	45 mm	8 mm	2.9 mm	TX15	500 PCS
0153 4 50	4 mm	50 mm	8 mm	2.9 mm	TX15	500 PCS
0153 45 20	4.5 mm	20 mm	9 mm	3.2 mm	TX25	1000 PCS
0153 45 25	4.5 mm	25 mm	9 mm	3.2 mm	TX25	1000 PCS
0153 45 30	4.5 mm	30 mm	9 mm	3.2 mm	TX25	500 PCS
0153 45 35	4.5 mm	35 mm	9 mm	3.2 mm	TX25	500 PCS
0153 45 40	4.5 mm	40 mm	9 mm	3.2 mm	TX25	500 PCS
0153 45 45	4.5 mm	45 mm	9 mm	3.2 mm	TX25	500 PCS
0153 45 50	4.5 mm	50 mm	9 mm	3.2 mm	TX25	200 PCS
0153 5 16	5 mm	16 mm	10 mm	3.6 mm	TX25	1000 PCS
0153 5 20	5 mm	20 mm	10 mm	3.6 mm	TX25	500 PCS
0153 5 25	5 mm	25 mm	10 mm	3.6 mm	TX25	500 PCS
0153 5 30	5 mm	30 mm	10 mm	3.6 mm	TX25	500 PCS
0153 5 35	5 mm	35 mm	10 mm	3.6 mm	TX25	500 PCS
0153 5 40	5 mm	40 mm	10 mm	3.6 mm	TX25	500 PCS
0153 5 45	5 mm	45 mm	10 mm	3.6 mm	TX25	200 PCS
0153 5 50	5 mm	50 mm	10 mm	3.6 mm	TX25	200 PCS
0153 5 60	5 mm	60 mm	10 mm	3.6 mm	TX25	200 PCS
0153 6 40	6 mm	40 mm	12 mm	4.2 mm	TX25	200 PCS
0153 6 50	6 mm	50 mm	12 mm	4.2 mm	TX25	200 PCS
0153 6 60	6 mm	60 mm	12 mm	4.2 mm	TX25	200 PCS
0153 6 80	6 mm	80 mm	12 mm	4.2 mm	TX25	200 PCS

Pan head particle board screw, galvanised, Pozidrive

Full thread

Head type: Pan head
Material: Steel
Surface: Galvanised





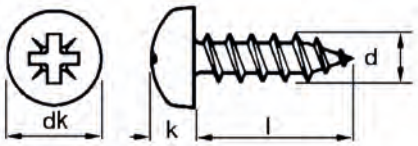
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0196 3 10	3 mm	10 mm	6 mm	2.1 mm	Z1	1000 PCS
0196 3 15	3 mm	15 mm	6 mm	2.1 mm	Z1	1000 PCS
0196 3 16	3 mm	16 mm	6 mm	2.1 mm	Z1	1000 PCS
0196 3 20	3 mm	20 mm	6 mm	2.1 mm	Z1	1000 PCS
0196 3 30	3 mm	30 mm	6 mm	2.1 mm	Z1	1000 PCS
0196 35 16	3.5 mm	16 mm	7 mm	2.4 mm	Z2	1000 PCS

Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Internal drive	Packaging unit (VPE)
0196 35 20	3.5 mm	20 mm	7 mm	2.4 mm	Z2	1000 PCS
0196 35 25	3.5 mm	25 mm	7 mm	2.4 mm	Z2	1000 PCS
0196 35 30	3.5 mm	30 mm	7 mm	2.4 mm	Z2	1000 PCS
0196 35 35	3.5 mm	35 mm	7 mm	2.4 mm	Z2	1000 PCS
0196 35 40	3.5 mm	40 mm	7 mm	2.4 mm	Z2	500 PCS
0196 4 12	4 mm	12 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 15	4 mm	15 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 16	4 mm	16 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 17	4 mm	17 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 20	4 mm	20 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 25	4 mm	25 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 30	4 mm	30 mm	8 mm	2.8 mm	Z2	1000 PCS
0196 4 35	4 mm	35 mm	8 mm	2.8 mm	Z2	500 PCS
0196 4 40	4 mm	40 mm	8 mm	2.8 mm	Z2	500 PCS
0196 4 45	4 mm	45 mm	8 mm	2.8 mm	Z2	500 PCS
0196 45 15	4.5 mm	15 mm	9 mm	3.0 mm	Z2	1000 PCS
0196 45 16	4.5 mm	16 mm	9 mm	3.0 mm	Z2	1000 PCS
0196 45 20	4.5 mm	20 mm	9 mm	3.0 mm	Z2	1000 PCS
0196 45 25	4.5 mm	25 mm	9 mm	3.0 mm	Z2	1000 PCS
0196 45 30	4.5 mm	30 mm	9 mm	3.0 mm	Z2	500 PCS
0196 45 35	4.5 mm	35 mm	9 mm	3.0 mm	Z2	500 PCS
0196 45 40	4.5 mm	40 mm	9 mm	3.0 mm	Z2	500 PCS
0196 45 45	4.5 mm	45 mm	9 mm	3.0 mm	Z2	500 PCS
0196 45 50	4.5 mm	50 mm	9 mm	3.0 mm	Z2	200 PCS
0196 45 60	4.5 mm	60 mm	9 mm	3.0 mm	Z2	200 PCS
0196 5 16	5 mm	16 mm	10 mm	3.4 mm	Z2	1000 PCS
0196 5 20	5 mm	20 mm	10 mm	3.4 mm	Z2	500 PCS
0196 5 25	5 mm	25 mm	10 mm	3.4 mm	Z2	500 PCS
0196 5 30	5 mm	30 mm	10 mm	3.4 mm	Z2	500 PCS
0196 5 35	5 mm	35 mm	10 mm	3.4 mm	Z2	500 PCS
0196 5 40	5 mm	40 mm	10 mm	3.4 mm	Z2	500 PCS
0196 5 45	5 mm	45 mm	10 mm	3.4 mm	Z2	200 PCS
0196 5 50	5 mm	50 mm	10 mm	3.4 mm	Z2	200 PCS
0196 5 55	5 mm	55 mm	10 mm	3.4 mm	Z2	200 PCS
0196 5 60	5 mm	60 mm	10 mm	3.4 mm	Z2	200 PCS
0196 5 70	5 mm	70 mm	10 mm	3.4 mm	Z2	200 PCS
0196 6 40	6 mm	40 mm	12 mm	4.0 mm	Z3	200 PCS
0196 6 45	6 mm	45 mm	12 mm	4.0 mm	Z3	200 PCS
0196 6 50	6 mm	50 mm	12 mm	4.0 mm	Z3	200 PCS
0196 6 60	6 mm	60 mm	12 mm	4.0 mm	Z3	200 PCS

Pan head particle board screw, A2, Pozidrive

Internal drive: Z2
Head type: Pan head
Material: Stainless steel A2
Surface: Bare



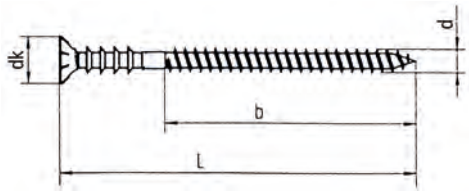


Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Head height (k)	Packaging unit (VPE)
0181 4 20	4 mm	20 mm	8 mm	2.8 mm	200 PCS
0181 4 25	4 mm	25 mm	8 mm	2.8 mm	200 PCS
0181 4 30	4 mm	30 mm	8 mm	2.8 mm	200 PCS
0181 4 35	4 mm	35 mm	8 mm	2.8 mm	200 PCS
0181 4 40	4 mm	40 mm	8 mm	2.8 mm	200 PCS
0181 4 45	4 mm	45 mm	8 mm	2.8 mm	200 PCS
0181 5 20	5 mm	20 mm	10 mm	3.4 mm	100 PCS
0181 5 25	5 mm	25 mm	10 mm	3.4 mm	100 PCS
0181 5 30	5 mm	30 mm	10 mm	3.4 mm	100 PCS
0181 5 35	5 mm	35 mm	10 mm	3.4 mm	100 PCS
0181 5 40	5 mm	40 mm	10 mm	3.4 mm	100 PCS
0181 5 50	5 mm	50 mm	10 mm	3.4 mm	100 PCS
0181 5 60	5 mm	60 mm	10 mm	3.4 mm	100 PCS

Adjustable spacer screw, galvanised, TX

Product description:
For adjustable spaced mounting of wall and ceiling panels in interior design work
Quicker installation as it is not necessary to underlay battens.
Time savings of 50%.
Easy to equalise spaces by unscrewing using a screwdriver or power screwdriver.
No drilling into wood necessary.
Milled ribs ensure clean sinking of the head.





Diameter (d): 6 mm
Head diameter (dk): 12 mm
Internal drive: TX25
Material: Steel
Surface: Galvanised

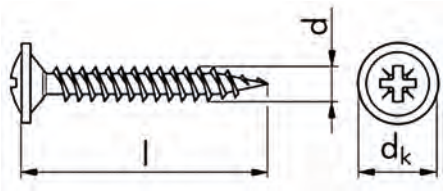
Art. No.	Length (l)	Thread length (thread for woodwork) (b)	Packaging unit (VPE)
0233 6 050	50 mm	25 mm	100 PCS
0233 6 070	70 mm	42 mm	100 PCS
0233 6 080	80 mm	48 mm	100 PCS
0233 6 090	90 mm	56 mm	100 PCS
0233 6 100	100 mm	60 mm	100 PCS

Art. No.	Length (l)	Thread length (thread for woodwork) (b)	Packaging unit (VPE)
0233 6 110	110 mm	70 mm	100 PCS
0233 6 120	120 mm	70 mm	100 PCS
0233 6 130	130 mm	70 mm	100 PCS
0233 6 145	145 mm	70 mm	100 PCS
0233 6 160	160 mm	70 mm	100 PCS

Back panel screw, galvanised, Pozidriv

Diameter (d): 3 mm
Head diameter (dk): 8 mm
Head height (k): 2.1 mm
Internal drive: Z1
Material: Steel
Surface: Galvanised



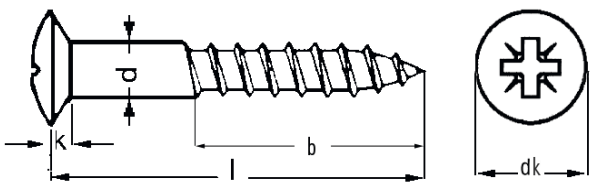


Art. No.	Length (l)	Packaging unit (VPE)
0175 3 20	20 mm	1000 PCS
0175 3 25	25 mm	1000 PCS
0175 3 30	30 mm	1000 PCS
0175 3 35	35 mm	1000 PCS

Raised countersunk wood screw, DIN 7995, chrome-plated brass, Pozidrive

Internal drive: Z2
Head type: Countersunk oval head
DIN: 7995
Material: Brass
Surface: Chrome-plated





Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Head height (k)	Packaging unit (VPE)
0146 14 35	4 mm	35 mm	21 mm	7.5 mm	2.2 mm	200 PCS
0146 14 40	4 mm	40 mm	24 mm	7.5 mm	2.2 mm	200 PCS
0146 14 45	4 mm	45 mm	27 mm	7.5 mm	2.2 mm	200 PCS

Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Head height (k)	Packaging unit (VPE)
0146 145 50	4.5 mm	50 mm	30 mm	8.3 mm	2.4 mm	200 PCS
0146 145 60	4.5 mm	60 mm	36 mm	8.3 mm	2.4 mm	200 PCS

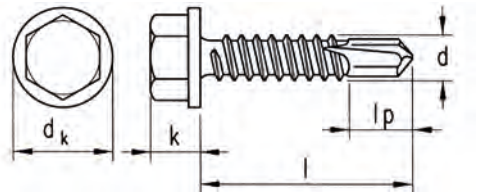
sebS hexagon head drilling screw, sim. to DIN 7504-K galvanised

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel





Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0214 35 95	3.5 mm	9.5 mm	0.7-2.25 mm	8.3 mm	3.4 mm	3 mm	WS5.5	500 PCS
0214 35 13	3.5 mm	13 mm	0.7-2.25 mm	8.3 mm	3.4 mm	3 mm	WS5.5	500 PCS
0214 42 13	4.2 mm	13 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 42 16	4.2 mm	16 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 42 19	4.2 mm	19 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 42 22	4.2 mm	22 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 42 25	4.2 mm	25 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 42 32	4.2 mm	32 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 48 13	4.8 mm	13 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 16	4.8 mm	16 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 19	4.8 mm	19 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 22	4.8 mm	22 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 25	4.8 mm	25 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 32	4.8 mm	32 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 38	4.8 mm	38 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 48 45	4.8 mm	45 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 48 50	4.8 mm	50 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 48 60	4.8 mm	60 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 48 70	4.8 mm	70 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 48 85	4.8 mm	85 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 55 16	5.5 mm	16 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 55 19	5.5 mm	19 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 55 22	5.5 mm	22 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 55 25	5.5 mm	25 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 55 32	5.5 mm	32 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 55 38	5.5 mm	38 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 55 45	5.5 mm	45 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 55 50	5.5 mm	50 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 55 60	5.5 mm	60 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 63 16	6.3 mm	16 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	500 PCS
0214 63 19	6.3 mm	19 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	500 PCS

Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0214 63 22	6.3 mm	22 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	500 PCS
0214 63 25	6.3 mm	25 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	500 PCS
0214 63 32	6.3 mm	32 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 38	6.3 mm	38 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 45	6.3 mm	45 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 50	6.3 mm	50 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 60	6.3 mm	60 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 70	6.3 mm	70 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 80	6.3 mm	80 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	250 PCS
0214 63 90	6.3 mm	90 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 100	6.3 mm	100 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 110	6.3 mm	110 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 120	6.3 mm	120 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 130	6.3 mm	130 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 140	6.3 mm	140 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS
0214 63 150	6.3 mm	150 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS

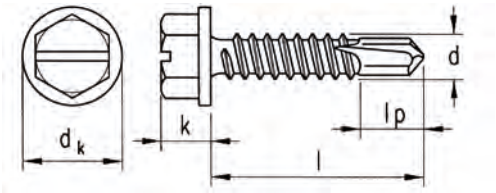
sebS hexagon head drilling screw, sim. to DIN 7504-L galvanised

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. Especially suited for use in the electronics sector, ventilation and air conditioning technology, can also be removed during maintenance work using slotted screwdriver in additional slot drive.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel





Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0214 042 13	4.2 mm	13 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 042 16	4.2 mm	16 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 042 19	4.2 mm	19 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 048 13	4.8 mm	13 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 048 16	4.8 mm	16 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS
0214 048 19	4.8 mm	19 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	500 PCS

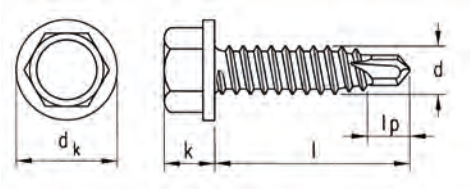
sebS drilling screw, hexagon head with reduced drill tip, similar to DIN 7504-K galv.

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. Especially suitable for thin sheet metal. Using the drill tip with reduced diameter, up to 50% higher extraction values and stripping torques are achieved by this sebS compared to conventional sebS screws.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 4.8 mm
Head diameter (dk): 10.5 mm
Head height (k): 4.3 mm
Drill tip length (lp): 4.5 mm
External drive: WS8
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel



Art. No.	Length (l)	Packaging unit (VPE)
0214 248 13	13 mm	500 PCS
0214 248 16	16 mm	500 PCS
0214 248 19	19 mm	500 PCS

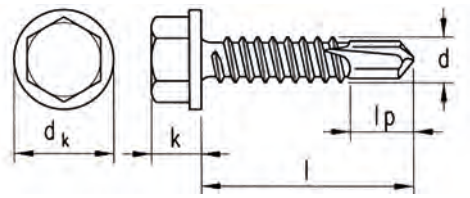
seboX hex. head drilling screw sim. to DIN 7504-K galvanised

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, other unalloyed steels up to a tensile strength of 470 N/mm2, plus aluminium and other soft metals. Particularly suitable for ventilation systems, air conditioning units, painting systems, containers, switch cabinets, illuminated advertising signs, fire protection doors, roller shutter casings, awnings etc.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel



Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0210 342 13	4.2 mm	13 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	2500 PCS
0210 342 16	4.2 mm	16 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	2500 PCS
0210 342 19	4.2 mm	19 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	2500 PCS
0210 348 16	4.8 mm	16 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5.0 mm	WS8	2000 PCS
0210 348 19	4.8 mm	19 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5.0 mm	WS8	2000 PCS

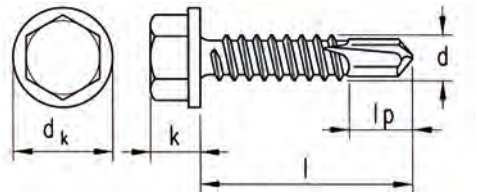


sebSta hexagon head drilling screw sim. to DIN 7504-K bimetal A2/ steel RUSPERT®

Product description:
The self-tapping screw for corrosion-resistant installation in steel and aluminium.



Advantages:
- Drilling, thread forming and bolting in one go.
- Considerably reduced time and effort.
- Rustproof mounting with the A2 stainless steel thread.
- Special Ruspert coating (zinc aluminium lamellar coating) lubricates the stainless steel thread and protects the steel tip against corrosion.



Field of Application:
For St 12, St 13, St 14, St 33, St 37, USt 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. RECA sebSta must always only be screwed in until the threads of the stainless steel section are meshed.

DIN: Similar to 7504
Surface: Flake zinc
Material: Bimetal

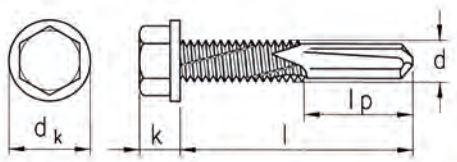
Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0214 814 225	4.2 mm	25 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	500 PCS
0214 814 825	4.8 mm	25 mm	1.75-4.4 mm	10.5 mm	5.4 mm	5 mm	WS8	500 PCS
0214 814 832	4.8 mm	32 mm	1.75-4.4 mm	10.5 mm	5.4 mm	5 mm	WS8	500 PCS
0214 815 525	5.5 mm	25 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	500 PCS
0214 815 538	5.5 mm	38 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 815 550	5.5 mm	50 mm	1.75-5.25 mm	11 mm	5.4 mm	6.5 mm	WS8	250 PCS
0214 816 325	6.3 mm	25 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	100 PCS
0214 816 332	6.3 mm	32 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	250 PCS
0214 816 338	6.3 mm	38 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	250 PCS
0214 816 350	6.3 mm	50 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	250 PCS
0214 816 360	6.3 mm	60 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	100 PCS
0214 816 370	6.3 mm	70 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	100 PCS
0214 816 385	6.3 mm	85 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS3/8	50 PCS

sebSta hexagon head drilling screw sim. to DIN 7504-K bimetal A2/ steel RUSPERT®

Product description:
The self-tapping screw for corrosion-resistant installation in steel and aluminium.



Advantages:
- Drilling, thread forming and bolting in one go.
- Considerably reduced time and effort.
- Rustproof mounting with the A2 stainless steel thread.
- Special Ruspert coating (zinc aluminium lamellar coating) lubricates the stainless steel thread and protects the steel tip against corrosion.



Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. For fastening aluminium and steel trapezoidal plates onto thick aluminium and steel sub-structures. In addition, for all cases where thick materials (≥ 4.0–12 mm) need to be drilled and, at the same time, a certain level of corrosion resistance is required.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. RECA sebSta must always only be screwed in until the threads of the stainless steel section are meshed.

Diameter (d): 5.5 mm
Length (l): 38 mm
Min./max. material thickness: 4.0-12.0 mm
Head diameter (dk): 11 mm
Head height (k): 5.2 mm
Min./max. grip length: 6.5-14.5 mm
Drill tip length (lp): 13.5 mm
External drive: WS8
DIN: Similar to 7504
Min. grip length: 6.5 mm
Surface: Flake zinc
Material: Bimetal
Max. grip length: 14.5 mm

Art. No.	Packaging unit (VPE)
0214 825 538	250 PCS

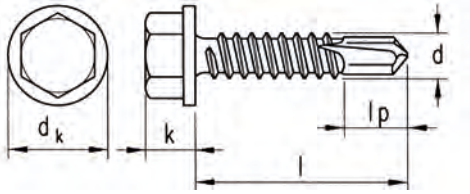
sebS hexagon head drilling screw, sim. to DIN 7504-K A2

Field of Application:
For Al 99, AlMn 1, AlMg 1, AlMg 3, AlMg 5, AlMgSi 1 and other soft metals

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. CAUTION: Only suitable for use with aluminium.



DIN: Similar to 7504
Surface: Bare
Material: Stainless steel A2



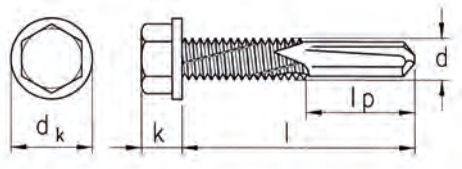
Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	External drive	Packaging unit (VPE)
0214 142 25	4.2 mm	25 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	WS7	250 PCS
0214 148 32	4.8 mm	32 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	WS8	250 PCS
0214 163 22	6.3 mm	22 mm	2.0-6.0 mm	13.5 mm	6.4 mm	7.5 mm	WS10	100 PCS

sebS drilling screw, hexagon head with long drill tip, similar to DIN 7504-K galv.

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. Suitable for use in very thick materials (≥ 4.0–12 mm).



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. Only permitted for securing inner shells (note Z-14.1-4).



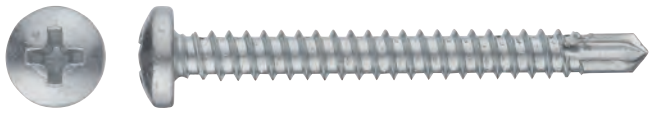
Diameter (d): 5.5 mm
Length (l): 38 mm
Head diameter (dk): 11 mm
Head height (k): 5.4 mm
Drill tip length (lp): 13.5 mm
External drive: WS8
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel

Art. No.	Packaging unit (VPE)
0214 055 38	250 PCS



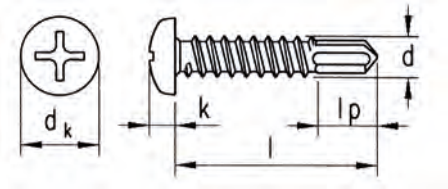
sebS drilling screw, PH pan head, sim. to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel



Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Packaging unit (VPE)
0211 29 13	2.9 mm	13 mm	0.7-1.9 mm	5.6 mm	2.2 mm	2.5 mm	H1	1000 PCS
0211 29 16	2.9 mm	16 mm	0.7-1.9 mm	5.6 mm	2.2 mm	2.5 mm	H1	1000 PCS
0211 29 19	2.9 mm	19 mm	0.7-1.9 mm	5.6 mm	2.2 mm	2.5 mm	H1	1000 PCS
0211 35 95	3.5 mm	9.5 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 35 13	3.5 mm	13 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 35 16	3.5 mm	16 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 35 19	3.5 mm	19 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 35 22	3.5 mm	22 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 35 25	3.5 mm	25 mm	0.7-2.25 mm	8.3 mm	2.6 mm	3 mm	H2	1000 PCS
0211 39 13	3.9 mm	13 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	1000 PCS
0211 39 16	3.9 mm	16 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	1000 PCS
0211 39 19	3.9 mm	19 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	1000 PCS
0211 39 22	3.9 mm	22 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	1000 PCS
0211 39 25	3.9 mm	25 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	1000 PCS
0211 39 32	3.9 mm	32 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	H2	500 PCS
0211 42 13	4.2 mm	13 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	1000 PCS
0211 42 16	4.2 mm	16 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	1000 PCS
0211 42 19	4.2 mm	19 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	1000 PCS
0211 42 22	4.2 mm	22 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	1000 PCS
0211 42 25	4.2 mm	25 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	1000 PCS
0211 42 32	4.2 mm	32 mm	1.75-3.0 mm	8.8 mm	4.1 mm	4.5 mm	H2	500 PCS
0211 48 13	4.8 mm	13 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	1000 PCS
0211 48 16	4.8 mm	16 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	1000 PCS
0211 48 19	4.8 mm	19 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	1000 PCS
0211 48 22	4.8 mm	22 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	1000 PCS
0211 48 25	4.8 mm	25 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	500 PCS
0211 48 32	4.8 mm	32 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	500 PCS
0211 48 38	4.8 mm	38 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	500 PCS
0211 48 45	4.8 mm	45 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	100 PCS
0211 48 50	4.8 mm	50 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	100 PCS
0211 48 60	4.8 mm	60 mm	1.75-4.4 mm	10.5 mm	4.3 mm	5 mm	H2	100 PCS
0211 55 19	5.5 mm	19 mm	1.75-5.25 mm	10.8 mm	3.95 mm	13.5 mm	H3	100 PCS
0211 55 22	5.5 mm	22 mm	1.75-5.25 mm	10.8 mm	3.95 mm	13.5 mm	H3	100 PCS
0211 55 25	5.5 mm	25 mm	1.75-5.25 mm	10.8 mm	3.95 mm	13.5 mm	H3	100 PCS
0211 55 32	5.5 mm	32 mm	1.75-5.25 mm	10.8 mm	3.95 mm	13.5 mm	H3	100 PCS
0211 55 38	5.5 mm	38 mm	1.75-5.25 mm	10.8 mm	3.95 mm	13.5 mm	H3	100 PCS



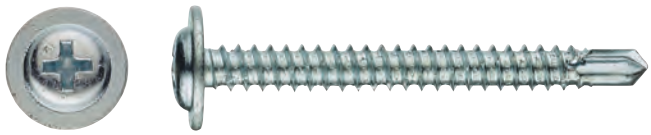


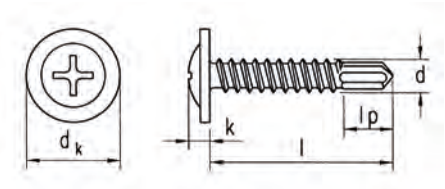
sebS pan head drilling screw w. flange, sim to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. The pressed-on washer generates a higher surface pressure, which helps to prevent stress cracks.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

Internal drive: H2
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel





Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0218 4 13	4.2 mm	13 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 4 16	4.2 mm	16 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 4 19	4.2 mm	19 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 4 25	4.2 mm	25 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 4 32	4.2 mm	32 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 5 13	4.8 mm	13 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 5 16	4.8 mm	16 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 5 22	4.8 mm	22 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 5 35	4.8 mm	35 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 5 40	4.8 mm	40 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	200 PCS
0218 5 50	4.8 mm	50 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	100 PCS
0218 5 60	4.8 mm	60 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	50 PCS
0218 5 70	4.8 mm	70 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	50 PCS
0218 5 80	4.8 mm	80 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	50 PCS

sebS pan head drilling screw w. flange, sim to DIN 7504-N black galvanised

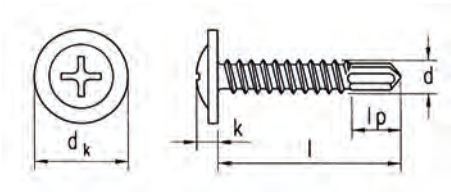
Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. The pressed-on washer generates a higher surface pressure, which helps to prevent stress cracks.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length



+ 3 mm.

Internal drive: H2
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel



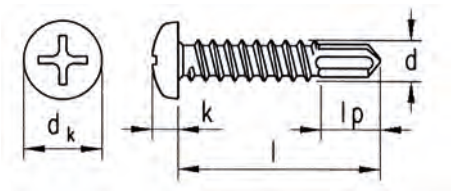
Art. No.	Diameter (d)	Length (l)	Min./max. material thick-ness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0218 24 13	4.2 mm	13 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 24 16	4.2 mm	16 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 24 19	4.2 mm	19 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 24 25	4.2 mm	25 mm	1.75-3.0 mm	11 mm	2.5 mm	4.5 mm	500 PCS
0218 25 16	4.8 mm	16 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 25 22	4.8 mm	22 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS
0218 25 35	4.8 mm	35 mm	1.75-4.4 mm	12.5 mm	3.0 mm	5.0 mm	500 PCS

seboX drilling screw, PH pan head, sim. to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, other unalloyed steels up to a tensile strength of 470 N/mm2, plus aluminium and other soft metals. Particularly suitable for ventilation systems, air conditioning units, painting systems, containers, switch cabinets, illuminated advertising signs, fire protection doors, roller shutter casings, awnings etc.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 4.2 mm
Min./max. material thickness: 1.75-3.0 mm
Head diameter (dk): 8.2 mm
Head height (k): 3.05 mm
Drill tip length (lp): 4.5 mm
Internal drive: H2
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel

Art. No.	Length (l)	Packaging unit (VPE)
0210 242 13	13 mm	2500 PCS
0210 242 16	16 mm	2500 PCS

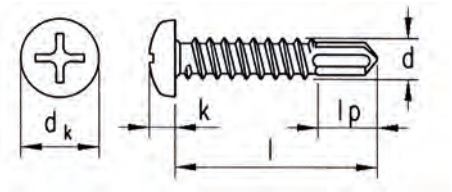


sebSta pan head drilling screw, sim. to DIN 7504-N bimetal A2/steel RUSPERT®

Product description:
The self-tapping screw for corrosion-resistant installation in steel and aluminium.



Advantages:
- Drilling, thread forming and bolting in one go.
- Considerably reduced time and effort.
- Rustproof mounting with the A2 stainless steel thread.
- Special Ruspert coating (zinc aluminium lamellar coating) lubricates the stainless steel thread and protects the steel tip against corrosion.



Field of Application:
For St 12, St 13, St 14, St 33, St 37, USt 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. RECA sebSta must always only be screwed in until the threads of the stainless steel section are meshed.

Internal drive: H2
DIN: Similar to 7504
Surface: Flake zinc
Material: Bimetal

Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0211 835 16	3.5 mm	16 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	100 PCS
0211 835 19	3.5 mm	19 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	100 PCS
0211 842 16	4.2 mm	16 mm	1.75-3.0 mm	8.2 mm	3.05 mm	4.5 mm	100 PCS
0211 842 19	4.2 mm	19 mm	1.75-3.0 mm	8.2 mm	3.05 mm	4.5 mm	100 PCS
0211 842 25	4.2 mm	25 mm	1.75-3.0 mm	8.2 mm	3.05 mm	4.5 mm	100 PCS
0211 842 32	4.2 mm	32 mm	1.75-3.0 mm	8.2 mm	3.05 mm	4.5 mm	100 PCS
0211 842 38	4.2 mm	38 mm	1.75-3.0 mm	8.2 mm	3.05 mm	4.5 mm	100 PCS
0211 848 16	4.8 mm	16 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	100 PCS
0211 848 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	100 PCS
0211 848 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	100 PCS
0211 848 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	100 PCS
0211 848 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	100 PCS

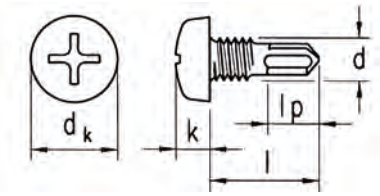
sebS Minipoint pan head drilling screw, sim. to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals. Particularly suitable for use with thin sheet metal.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Thread type x nominal diameter (d): M4
Length (l): 10 mm
Min./max. material thickness: 0.3-2.0 mm
Head diameter (dk): 10.5 mm
Head height (k): 3.0 mm
Drill tip length (lp): 2.5 mm
Internal drive: H2
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel
Thread type: Metric thread
Nominal diameter: 4 mm

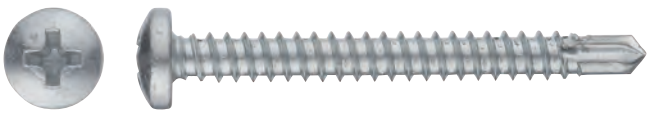


Art. No.	Packaging unit (VPE)
0211 003 910	1000 PCS

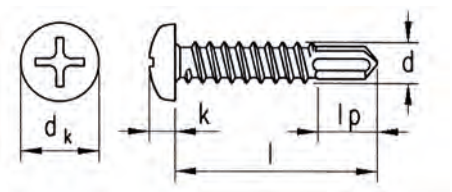
sebS drilling screw, PH pan head, sim. to DIN 7504-N A2

Field of Application:
For Al 99, AlMn 1, AlMg 1, AlMg 3, AlMg 5, AlMgSi 1 and other soft metals

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Internal drive: H2
DIN: Similar to 7504
Surface: Bare
Application conditions: NOTE: Only suitable for processing aluminium!
Material: Stainless steel A2



Art. No.	Diameter (d)	Length (l)	Min./max. material thick-ness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0211 135 13	3.5 mm	13 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	250 PCS
0211 135 16	3.5 mm	16 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	250 PCS
0211 139 13	3.9 mm	13 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	250 PCS
0211 139 16	3.9 mm	16 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	250 PCS
0211 139 19	3.9 mm	19 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	250 PCS

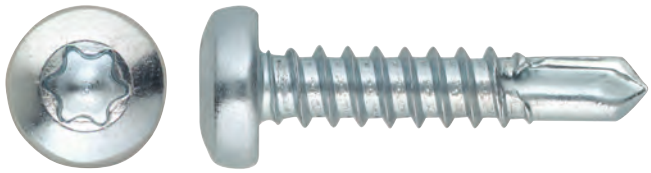
Art. No.	Diameter (d)	Length (l)	Min./max. material thick-ness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0211 139 25	3.9 mm	25 mm	0.7-2.4 mm	7.5 mm	2.8 mm	3.5 mm	250 PCS
0211 142 13	4.2 mm	13 mm	1.75-3.0 mm	8.1 mm	3.05 mm	4.5 mm	250 PCS
0211 142 16	4.2 mm	16 mm	1.75-3.0 mm	8.1 mm	3.05 mm	4.5 mm	250 PCS
0211 142 19	4.2 mm	19 mm	1.75-3.0 mm	8.1 mm	3.05 mm	4.5 mm	250 PCS
0211 142 25	4.2 mm	25 mm	1.75-3.0 mm	8.1 mm	3.05 mm	4.5 mm	250 PCS
0211 148 16	4.8 mm	16 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	250 PCS
0211 148 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	250 PCS
0211 148 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	250 PCS
0211 148 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	250 PCS
0211 148 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	3.55 mm	5 mm	250 PCS

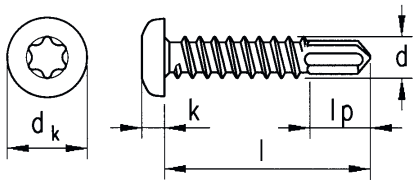
sebS drilling screw, pan head TX, sim. to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel





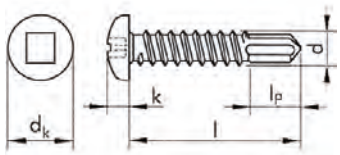
Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head dia-meter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Packaging unit (VPE)
0211 235 13	3.5 mm	13 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	TX10	1000 PCS
0211 235 16	3.5 mm	16 mm	0.7-2.25 mm	6.9 mm	2.6 mm	3 mm	TX10	1000 PCS
0211 239 13	3.9 mm	13 mm	0.7-2.4 mm	7.8 mm	2.8 mm	3.8 mm	TX20	1000 PCS
0211 239 16	3.9 mm	16 mm	0.7-2.4 mm	7.8 mm	2.8 mm	3.8 mm	TX20	1000 PCS
0211 239 19	3.9 mm	19 mm	0.7-2.4 mm	7.8 mm	2.8 mm	3.8 mm	TX20	1000 PCS
0211 239 25	3.9 mm	25 mm	0.7-2.4 mm	7.8 mm	2.8 mm	3.8 mm	TX20	1000 PCS
0211 239 32	3.9 mm	32 mm	0.7-2.4 mm	7.8 mm	2.8 mm	3.8 mm	TX20	500 PCS
0211 242 13	4.2 mm	13 mm	1.75-3.0 mm	8.2 mm	3.05 mm	3.7 mm	TX20	1000 PCS
0211 242 16	4.2 mm	16 mm	1.75-3.0 mm	8.2 mm	3.05 mm	3.7 mm	TX20	1000 PCS
0211 242 19	4.2 mm	19 mm	1.75-3.0 mm	8.2 mm	3.05 mm	3.7 mm	TX20	1000 PCS
0211 242 22	4.2 mm	22 mm	1.75-3.0 mm	8.2 mm	3.05 mm	3.7 mm	TX20	1000 PCS
0211 242 25	4.2 mm	25 mm	1.75-3.0 mm	8.2 mm	3.05 mm	3.7 mm	TX20	1000 PCS
0211 248 16	4.8 mm	16 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	1000 PCS
0211 248 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	1000 PCS
0211 248 22	4.8 mm	22 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	1000 PCS
0211 248 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	500 PCS
0211 248 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	500 PCS
0211 248 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	3.55 mm	4.5 mm	TX25	500 PCS

seboX pan head drilling screw, sim. to DIN 7504-N galv

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, other unalloyed steels up to a tensile strength of 470 N/mm2, plus aluminium and other soft metals. Particularly suitable for ventilation systems, air conditioning units, painting systems, containers, switch cabinets, illuminated advertising signs, fire protection doors, roller shutter casings, awnings etc.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. The clamping effect of the conical square drive bit allows the screw to adhere to the bit and thus facilitates single-handed installation. Metal filings do not collect at the drive tip, which occurs when using a magnetic bit holder.



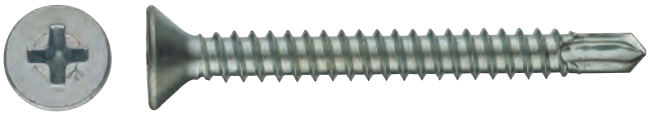
Diameter (d): 4.2 mm
Min./max. material thickness: 1.75-3.0 mm
Head diameter (dk): 8.2 mm
Head height (k): 3.4 mm
Drill tip length (lp): 4.5 mm
Internal drive: SQ size 2
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel

Art. No.	Length (l)	Packaging unit (VPE)
0210 214 213	13 mm	2500 PCS
0210 214 216	16 mm	2500 PCS
0210 214 219	19 mm	2500 PCS

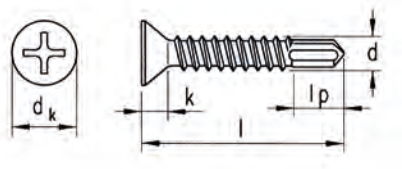


sebS drilling screw, PH countersunk head, sim. to DIN 7504-P galvanised

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



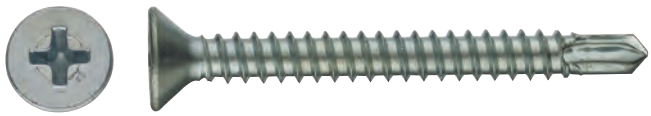
DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel

Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Packaging unit (VPE)
0212 29 13	2.9 mm	13 mm	0.7-1.9 mm	5.5 mm	1.4 mm	2.5 mm	H1	1000 PCS
0212 35 13	3.5 mm	13 mm	0.7-2.25 mm	6.8 mm	3.4 mm	3 mm	H2	1000 PCS
0212 35 16	3.5 mm	16 mm	0.7-2.25 mm	6.8 mm	3.4 mm	3 mm	H2	1000 PCS
0212 35 19	3.5 mm	19 mm	0.7-2.25 mm	6.8 mm	3.4 mm	3 mm	H2	1000 PCS
0212 35 22	3.5 mm	22 mm	0.7-2.25 mm	6.8 mm	3.4 mm	3 mm	H2	1000 PCS
0212 35 25	3.5 mm	25 mm	0.7-2.25 mm	6.8 mm	3.4 mm	3 mm	H2	1000 PCS
0212 39 13	3.9 mm	13 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	1000 PCS
0212 39 16	3.9 mm	16 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	1000 PCS
0212 39 19	3.9 mm	19 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	1000 PCS
0212 39 22	3.9 mm	22 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	1000 PCS
0212 39 25	3.9 mm	25 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	1000 PCS
0212 39 32	3.9 mm	32 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.1 mm	H2	500 PCS
0212 42 13	4.2 mm	13 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	1000 PCS
0212 42 16	4.2 mm	16 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	1000 PCS
0212 42 19	4.2 mm	19 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	1000 PCS
0212 42 22	4.2 mm	22 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	1000 PCS
0212 42 25	4.2 mm	25 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	1000 PCS
0212 42 32	4.2 mm	32 mm	1.75-3.0 mm	8.1 mm	4.1 mm	4.5 mm	H2	500 PCS
0212 48 16	4.8 mm	16 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	1000 PCS
0212 48 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	1000 PCS
0212 48 22	4.8 mm	22 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	1000 PCS
0212 48 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	500 PCS
0212 48 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	500 PCS
0212 48 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	500 PCS
0212 48 45	4.8 mm	45 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	300 PCS
0212 48 50	4.8 mm	50 mm	1.75-4.4 mm	9.5 mm	4.3 mm	5 mm	H2	300 PCS
0212 55 25	5.5 mm	25 mm	1.75-5.25 mm	10.8 mm	5.4 mm	13.5 mm	H3	1000 PCS
0212 55 38	5.5 mm	38 mm	1.75-5.25 mm	10.8 mm	5.4 mm	13.5 mm	H3	1000 PCS
0212 55 50	5.5 mm	50 mm	1.75-5.25 mm	10.8 mm	5.4 mm	13.5 mm	H3	500 PCS
0212 63 38	6.3 mm	38 mm	2.0-6.0 mm	12.4 mm	6.4 mm	7.5 mm	H3	500 PCS
0212 63 50	6.3 mm	50 mm	2.0-6.0 mm	12.4 mm	6.4 mm	7.5 mm	H3	500 PCS

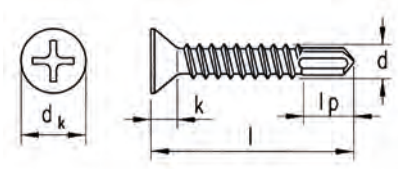
sebS drilling screw, PH countersunk head, sim. to DIN 7504-P A2

Field of Application:
For Al 99, AlMn 1, AlMg 1, AlMg 3, AlMg 5, AlMgSi 1 and other soft metals.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. CAUTION: Only suitable for use with aluminium.



Internal drive: H2
DIN: Similar to 7504
Surface: Bare
Material: Stainless steel A2



Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0212 139 13	3.9 mm	13 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.5 mm	250 PCS

Art. No.	Diameter (d)	Length (l)	Min./max. material thick-ness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Packaging unit (VPE)
0212 139 16	3.9 mm	16 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.5 mm	250 PCS
0212 139 19	3.9 mm	19 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.5 mm	250 PCS
0212 139 25	3.9 mm	25 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.5 mm	250 PCS
0212 139 32	3.9 mm	32 mm	0.7-2.4 mm	7.5 mm	2.3 mm	3.5 mm	100 PCS
0212 142 16	4.2 mm	16 mm	1.75-3.0 mm	8.1 mm	2.5 mm	4.5 mm	250 PCS
0212 142 19	4.2 mm	19 mm	1.75-3.0 mm	8.1 mm	2.5 mm	4.5 mm	250 PCS
0212 142 25	4.2 mm	25 mm	1.75-3.0 mm	8.1 mm	2.5 mm	4.5 mm	250 PCS
0212 142 32	4.2 mm	32 mm	1.75-3.0 mm	8.1 mm	2.5 mm	4.5 mm	250 PCS
0212 142 38	4.2 mm	38 mm	1.75-3.0 mm	8.1 mm	2.5 mm	4.5 mm	250 PCS
0212 148 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	250 PCS
0212 148 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	250 PCS
0212 148 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	250 PCS
0212 148 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	250 PCS
0212 148 45	4.8 mm	45 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	100 PCS
0212 148 50	4.8 mm	50 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	100 PCS
0212 148 60	4.8 mm	60 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	100 PCS
0212 148 70	4.8 mm	70 mm	1.75-4.4 mm	9.5 mm	3.0 mm	5 mm	50 PCS

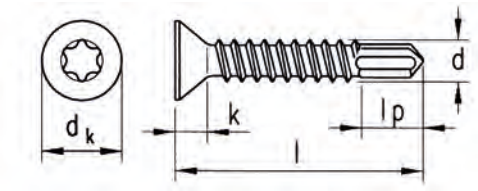
sebS drilling screw, TX countersunk head, sim. to DIN 7504-P galvanised

Field of Application:
For St 12, St 13, St 14, St 33, St 37, UST 37, RSt 37, St 44, St 50, St 52, other unalloyed steels up to a tensile strength of 510 N/mm2, plus aluminium and other soft metals.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Surface: Galvanised
Material: Hardened steel





Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head dia-meter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Packaging unit (VPE)
0212 235 13	3.5 mm	13 mm	0.7-2.25 mm	6.8 mm	2.5 mm	3.0 mm	TX10	1000 PCS
0212 235 16	3.5 mm	16 mm	0.7-2.25 mm	6.8 mm	2.5 mm	3.0 mm	TX10	1000 PCS
0212 235 19	3.5 mm	19 mm	0.7-2.25 mm	6.8 mm	2.5 mm	3.0 mm	TX10	1000 PCS
0212 235 25	3.5 mm	25 mm	0.7-2.25 mm	6.8 mm	2.5 mm	3.0 mm	TX10	1000 PCS
0212 239 13	3.9 mm	13 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	1000 PCS
0212 239 16	3.9 mm	16 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	1000 PCS
0212 239 19	3.9 mm	19 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	1000 PCS
0212 239 22	3.9 mm	22 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	1000 PCS
0212 239 25	3.9 mm	25 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	1000 PCS
0212 239 32	3.9 mm	32 mm	0.7-2.4 mm	8.1 mm	2.8 mm	3.5 mm	TX20	500 PCS
0212 242 13	4.2 mm	13 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	1000 PCS
0212 242 16	4.2 mm	16 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	1000 PCS
0212 242 19	4.2 mm	19 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	1000 PCS
0212 242 22	4.2 mm	22 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	1000 PCS

Art. No.	Diameter (d)	Length (l)	Min./max. material thickness	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Packaging unit (VPE)
0212 242 25	4.2 mm	25 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	1000 PCS
0212 242 32	4.2 mm	32 mm	1.75-3.0 mm	8.1 mm	3.1 mm	4.5 mm	TX20	500 PCS
0212 248 19	4.8 mm	19 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	1000 PCS
0212 248 22	4.8 mm	22 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	1000 PCS
0212 248 25	4.8 mm	25 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	500 PCS
0212 248 32	4.8 mm	32 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	500 PCS
0212 248 38	4.8 mm	38 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	500 PCS
0212 248 45	4.8 mm	45 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	300 PCS
0212 248 50	4.8 mm	50 mm	1.75-4.4 mm	9.5 mm	3.5 mm	5.0 mm	TX25	300 PCS

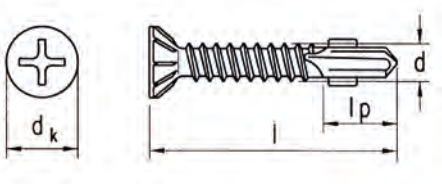
sebS countersunk milling head screw, sim. to DIN 7504-P yellow-galv.

Field of Application:
Securing wood to steel substructures.
Caution: Only use in areas protected from the weather.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Material: Hardened steel
Surface: Yellow galvanised



Art. No.		Length (l)	Min./ max. material thick-ness	Max. material thick-ness for wood	Head diameter (dk)	Head height (k)	Drill tip length (lp)	Internal drive	Min. material thick-ness	Max. material thick-ness	Packaging unit (VPE)
0215 39 25	3.9 mm	25 mm	1.5-2.4 mm	13 mm	7.5 mm	2.3 mm	7.9 mm	H2	1.5 mm	2.4 mm	500 PCS
0215 42 32	4.2 mm	32 mm	2.0-3.0 mm	18 mm	8.1 mm	2.5 mm	8.4 mm	H2	2.0 mm	3.0 mm	500 PCS
0215 48 38	4.8 mm	38 mm	2.0-4.4 mm	23 mm	9.5 mm	3.0 mm	8.4 mm	H2	2.0 mm	4.4 mm	500 PCS
0215 48 50	4.8 mm	50 mm	2.0-4.4 mm	35 mm	9.5 mm	3.0 mm	8.4 mm	H2	2.0 mm	4.4 mm	500 PCS
0215 55 38	5.5 mm	38 mm	2.5-5.25 mm	18 mm	10.8 mm	3.4 mm	11.4 mm	H3	2.5 mm	5.25 mm	500 PCS
0215 55 45	5.5 mm	45 mm	2.5-5.25 mm	25 mm	10.8 mm	3.4 mm	11.4 mm	H3	2.5 mm	5.25 mm	500 PCS
0215 55 50	5.5 mm	50 mm	2.5-5.25 mm	30 mm	10.8 mm	3.4 mm	11.4 mm	H3	2.5 mm	5.25 mm	500 PCS
0215 63 65	6.3 mm	65 mm	3.0-6.0 mm	45 mm	12.4 mm	3.8 mm	12.4 mm	H3	3.0 mm	6.0 mm	100 PCS

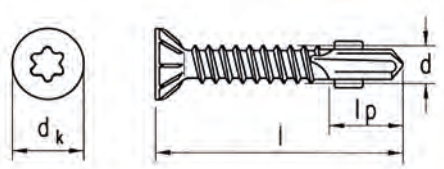
sebSta countersunk milling head screw, sim. to DIN 7504-P, bimetal A2/steel

Field of Application:
Corrosion-free securing of balcony railings, wooden fences and stage floors onto steel substructures.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Material: Bimetal
Surface: Flake zinc





Art. No.	Diameter	Length	Max. material thickness for wood	Head height	Max. drilling capacity	Head diameter	Drill tip length	Internal drive	Packaging unit (VPE)
0215 942 32	4.2 mm	32 mm	16 mm	2.5 mm	3.0 mm	8.1 mm	8.4 mm	TX20	250 PCS
0215 948 38	4.8 mm	38 mm	20 mm	3.0 mm	4.4 mm	9.5 mm	8.4 mm	TX25	250 PCS
0215 948 44	4.8 mm	44 mm	25 mm	3.0 mm	4.4 mm	9.5 mm	8.4 mm	TX25	250 PCS
0215 955 55	5.5 mm	55 mm	30 mm	3.4 mm	5.25 mm	10.8 mm	11.4 mm	TX30	100 PCS
0215 955 65	5.5 mm	65 mm	40 mm	3.4 mm	5.25 mm	10.8 mm	11.4 mm	TX30	100 PCS
0215 955 90	5.5 mm	90 mm	65 mm	3.4 mm	5.25 mm	10.8 mm	11.4 mm	TX30	100 PCS

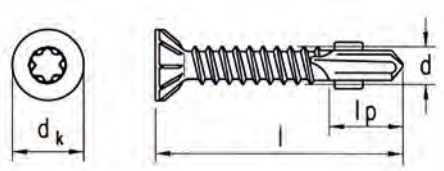
sebS countersunk milling head screw, sim. to DIN 7504-P yellow-galv.

Field of Application:
Securing wood to steel substructures.
Caution: Only use in areas protected from the weather.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

DIN: Similar to 7504
Material: Hardened steel
Surface: Yellow galvanised





Art. No.		Length (l)	Min./ max. material thickness	Max. material thickness for wood	Head	Head height (k)	Drill tip length (lp)	Internal drive	Min. material thickness	Max. material thickness	Packaging unit (VPE)
0215 242 32	4.2 mm	32 mm	2.0-3.0 mm	18 mm	8.1 mm	2.5 mm	8.4 mm	TX20	2.0 mm	3.0 mm	500 PCS
0215 248 38	4.8 mm	38 mm	2.0-4.4 mm	23 mm	9.5 mm	3.0 mm	8.4 mm	TX25	2.0 mm	4.4 mm	500 PCS

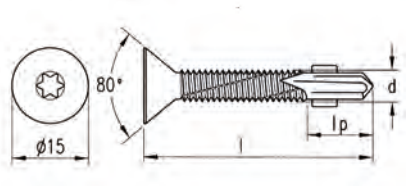
Art. No.		Length (l)	Min./ max. material thick-ness	Max. material thick-ness for wood	Head	Head height (k)	Drill tip length (lp)	Internal drive	Min. material thick-ness	Max. material thick-ness	Packaging unit (VPE)
0215 248 50	4.8 mm	50 mm	2.0-4.4 mm	35 mm	9.5 mm	3.0 mm	8.4 mm	TX25	2.0 mm	4.4 mm	500 PCS
0215 255 45	5.5 mm	45 mm	2.5-5.25 mm	25 mm	10.8 mm	3.4 mm	11.4 mm	TX30	2.5 mm	5.25 mm	500 PCS
0215 255 50	5.5 mm	50 mm	2.5-5.25 mm	30 mm	10.8 mm	3.4 mm	11.4 mm	TX30	2.5 mm	5.25 mm	500 PCS
0215 263 65	6.3 mm	65 mm	3.0-6.0 mm	45 mm	12.4 mm	3.8 mm	12.4 mm	TX30	3.0 mm	6.0 mm	100 PCS

sebS countersunk head drilling screw, sim. to DIN 7504-P galvanised

Field of Application:
Securing hardwoods and softwoods to steel substructures. Particularly suitable for pressed material boarding screw connections in vehicle, trailer and container construction.
Caution: Only use in areas protected from the weather.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 6.3 mm
Min./max. material thickness: 3.0-6.0 mm
Head diameter (dk): 15 mm
Drill tip length (lp): 12.4 mm
Internal drive: TX30
Min. material thickness: 3.0 mm
Max. material thickness: 6.0 mm
Material: Hardened steel
Surface: Galvanised
Thread type: UNF

Art. No.	Length (l)	Max. material thickness for wood	Packaging unit (VPE)
0219 263 45	45 mm	20 mm	500 PCS
0219 263 60	60 mm	35 mm	500 PCS
0219 263 80	80 mm	55 mm	250 PCS
0219 263 100	100 mm	75 mm	250 PCS

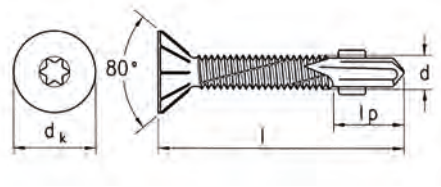
sebS countersunk milling head screw, sim. to DIN 7504-P galvanised

Field of Application:
Securing hardwoods and softwoods to steel substructures. Particularly suitable for pressed material boarding screw connections in vehicle, trailer and container construction.
Caution: Only use in areas protected from the weather.



Advice:

Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 6.3 mm
Min./max. material thickness: 3.0-6.0 mm
Drill tip length (lp): 12.4 mm
Internal drive: TX30
Min. material thickness: 3.0 mm
Max. material thickness: 6.0 mm
Material: Hardened steel
Surface: Galvanised
Thread type: UNF

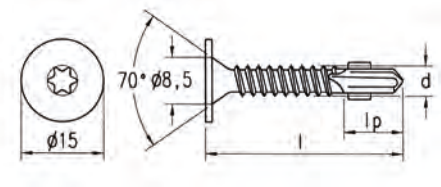
Art. No.	Length (l)	Max. material thickness for wood	Head diameter (dk)	Packaging unit (VPE)
0219 363 45	45 mm	20 mm	12.4 mm	500 PCS
0219 163 45	45 mm	20 mm	15 mm	500 PCS
0219 363 50	50 mm	25 mm	12.4 mm	500 PCS
0219 363 55	55 mm	30 mm	12.4 mm	500 PCS
0219 363 60	60 mm	35 mm	12.4 mm	500 PCS
0219 163 60	60 mm	35 mm	15 mm	300 PCS
0219 363 65	65 mm	40 mm	12.4 mm	250 PCS
0219 363 70	70 mm	45 mm	12.4 mm	250 PCS
0219 363 80	80 mm	55 mm	12.4 mm	250 PCS
0219 163 80	80 mm	55 mm	15 mm	250 PCS
0219 363 85	85 mm	60 mm	12.4 mm	250 PCS
0219 363 100	100 mm	75 mm	12.4 mm	250 PCS
0219 163 100	100 mm	75 mm	15 mm	250 PCS

sebS flat countersunk head drilling screw, galv

Field of Application:
Securing softwood to steel substructures. Very high load transfer due to flat countersunk head. Particularly suitable for hardwood and pressed material boarding screw connections in vehicle, trailer and container construction due to enhanced corrosion protection.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 5.5 mm
Min./max. material thickness: 2.5-5.0 mm
Head diameter (dk): 15.0 mm
Drill tip length (lp): 10.5 mm
Internal drive: TX30
Min. material thickness: 2.5 mm
Max. material thickness: 5.0 mm
Material: Hardened steel
Surface: Galvanised
Thread type: Self-tapping screw thread

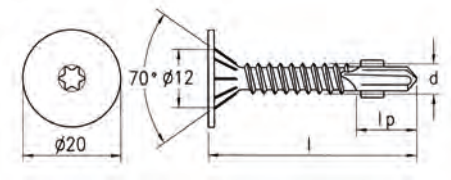
Art. No.	Length (l)	Max. material thickness for wood	Packaging unit (VPE)
0219 455 38	38 mm	18 mm	500 PCS
0219 455 45	45 mm	25 mm	500 PCS
0219 455 50	50 mm	30 mm	500 PCS
0219 455 55	55 mm	35 mm	500 PCS
0219 455 60	60 mm	40 mm	500 PCS
0219 455 70	70 mm	50 mm	250 PCS

sebS flat countersunk head milling drilling screw, galv

Field of Application:
Securing softwood to steel substructures. Very high load transfer due to flat countersunk head. Particularly suitable for hardwood and pressed material boarding screw connections in vehicle, trailer and container construction due to enhanced corrosion protection.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Diameter (d): 6.3 mm
Min./max. material thickness: 3.0-6.0 mm
Head diameter (dk): 20.0 mm
Drill tip length (lp): 10.5 mm
Internal drive: TX30
Min. material thickness: 3.0 mm
Max. material thickness: 6.0 mm
Material: Hardened steel
Surface: Galvanised
Thread type: Self-tapping screw thread

Art. No.	Length (l)	Max. material thickness for wood	Packaging unit (VPE)
0219 563 55	55 mm	30 mm	250 PCS
0219 563 65	65 mm	40 mm	250 PCS
0219 563 80	80 mm	55 mm	250 PCS

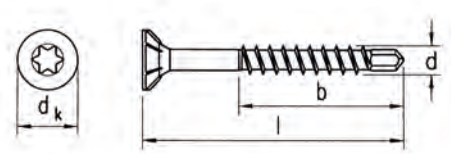
sebS countersunk milling head screw, yellow-galvanised

Advantages:
- No need for separate pre-drilling of wood due to sebS drilling tip.
- No splitting or tearing of wood for screw connections at edges.
- Milling head ensures accurate and quick countersinking.



Field of Application:
For all cases where particle board screws are also used. Particularly suitable for screw connections with short edge distances. Securing steel profiles up to 2 mm onto wood.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Head type: Countersunk head
Material: Hardened steel
Surface: Yellow galvanised
Version: With milling ribs

Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0217 35 30	3.5 mm	30 mm	21 mm	7 mm	TX15	500 PCS
0217 35 35	3.5 mm	35 mm	25 mm	7 mm	TX15	500 PCS
0217 35 40	3.5 mm	40 mm	28 mm	7 mm	TX15	500 PCS
0217 35 50	3.5 mm	50 mm	35 mm	7 mm	TX15	500 PCS
0217 4 30	4 mm	30 mm	21 mm	8 mm	TX20	500 PCS
0217 4 35	4 mm	35 mm	24 mm	8 mm	TX20	500 PCS

Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0217 4 40	4 mm	40 mm	28 mm	8 mm	TX20	500 PCS
0217 4 45	4 mm	45 mm	32 mm	8 mm	TX20	500 PCS
0217 4 50	4 mm	50 mm	35 mm	8 mm	TX20	500 PCS
0217 4 60	4 mm	60 mm	40 mm	8 mm	TX20	250 PCS
0217 4 70	4 mm	70 mm	40 mm	8 mm	TX20	250 PCS
0217 5 50	5 mm	50 mm	35 mm	10 mm	TX25	250 PCS
0217 5 60	5 mm	60 mm	40 mm	10 mm	TX25	250 PCS
0217 5 70	5 mm	70 mm	46 mm	10 mm	TX25	200 PCS
0217 5 80	5 mm	80 mm	52 mm	10 mm	TX25	100 PCS
0217 5 100	5 mm	100 mm	52 mm	10 mm	TX25	100 PCS



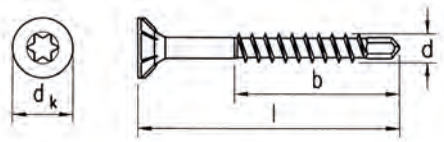
sebS countersunk milling head drilling screw, A2

Advantages:
- No need for separate pre-drilling of wood due to sebS drilling tip.
- No splitting or tearing of wood for screw connections at edges.
- Milling head ensures accurate and quick countersinking.



Field of Application:
For all cases where particle board screws are also used. Particularly suitable for screw connections with short edge distances. Securing aluminium profiles up to 2 mm onto wood.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.



Head type: Countersunk head
Material: Stainless steel A2
Surface: Bare
Version: With milling ribs

Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0217 24 30	4 mm	30 mm	21 mm	8 mm	TX20	500 PCS
0217 24 35	4 mm	35 mm	26 mm	8 mm	TX20	500 PCS
0217 24 40	4 mm	40 mm	26 mm	8 mm	TX20	500 PCS
0217 24 45	4 mm	45 mm	28 mm	8 mm	TX20	500 PCS
0217 24 50	4 mm	50 mm	33 mm	8 mm	TX20	500 PCS
0217 24 60	4 mm	60 mm	38 mm	8 mm	TX20	250 PCS
0217 245 40	4.5 mm	40 mm	26 mm	9 mm	TX20	500 PCS

Art. No.	Diameter (d)	Length (l)	Thread length (thread for wood-work) (b)	Head diameter (dk)	Internal drive	Packaging unit (VPE)
0217 245 50	4.5 mm	50 mm	33 mm	9 mm	TX20	500 PCS
0217 245 60	4.5 mm	60 mm	38 mm	9 mm	TX20	250 PCS
0217 245 70	4.5 mm	70 mm	48 mm	9 mm	TX20	200 PCS
0217 25 40	5 mm	40 mm	27 mm	10 mm	TX25	250 PCS
0217 25 45	5 mm	45 mm	32 mm	10 mm	TX25	250 PCS
0217 25 50	5 mm	50 mm	36 mm	10 mm	TX25	250 PCS
0217 25 60	5 mm	60 mm	38 mm	10 mm	TX25	250 PCS
0217 25 70	5 mm	70 mm	48 mm	10 mm	TX25	200 PCS
0217 25 80	5 mm	80 mm	48 mm	10 mm	TX25	100 PCS
0217 25 90	5 mm	90 mm	58 mm	10 mm	TX25	100 PCS
0217 25 100	5 mm	100 mm	58 mm	10 mm	TX25	100 PCS
0217 26 80	6 mm	80 mm	57 mm	12 mm	TX25	100 PCS
0217 26 100	6 mm	100 mm	66 mm	12 mm	TX25	100 PCS
0217 26 120	6 mm	120 mm	66 mm	12 mm	TX25	100 PCS

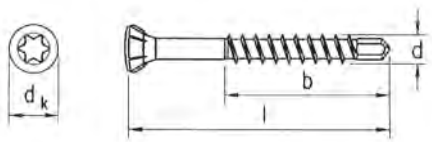


sebS 60° raised countersunk drilling screw A2





Advantages:
- No need for separate pre-drilling of wood due to sebS drilling tip.
- 60° raised countersunk head: Small head for an aesthetically-pleasing look
- No splitting or tearing of wood for screw connections at edges.
- Milling head ensures accurate and quick countersinking.



Application area:
For all cases where particle board screws are used and where an aesthetically-pleasing look is to be achieved. Particularly suitable for screw connections with short edge distances

Examples of use:
Games equipment, terrace construction, footbridges, jetties, façade construction, balconies, fences.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

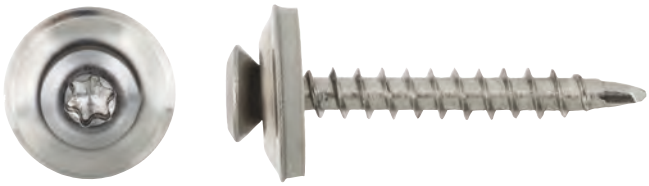
Head type: Small countersunk oval head 60 degree
Material: Stainless steel A2
Surface: Bare
Version: With milling ribs

Art. No.	Diameter	Length	Thread length (thread for wood-work)	Head diameter	Internal drive	Packaging unit (VPE)
0217 203 240	3.2 mm	40 mm	24	5 mm	TX10	500 PCS
0217 203 250	3.2 mm	50 mm	27	5 mm	TX10	500 PCS
0217 204 045	4 mm	45 mm	26	7 mm	TX20	500 PCS
0217 204 050	4 mm	50 mm	26	7 mm	TX20	500 PCS
0217 204 545	4.5 mm	45 mm	26	7 mm	TX20	500 PCS
0217 204 550	4.5 mm	50 mm	26	7 mm	TX20	500 PCS
0217 204 560	4.5 mm	60 mm	33	7 mm	TX20	250 PCS
0217 204 570	4.5 mm	70 mm	38	7 mm	TX20	200 PCS

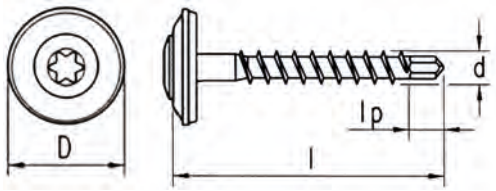
sebS plumber's sealing screw with sealing washer, A2

Field of Application:
For screwing aluminium sheets and wooden substructures without pre-drilling.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm. CAUTION: Only suitable for use with aluminium.



Diameter (d): 4.5 mm
Min./max. material thickness: 0-2.0 mm
Drill tip length (lp): 4.5 mm
Gasket material: Ethylene propylene diene terpolymer rubber
Internal drive: TX20
Min. material thickness: 0 mm
Max. material thickness: 2.0 mm
Material: Stainless steel A2
Surface: Bare



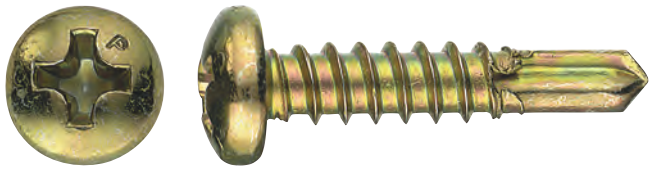
EDELSTAHL Rostfrei

Art. No.	Length (l)	Washer diameter (D)	Packaging unit (VPE)
0217 764 525	25 mm	15 mm	200 PCS
0217 774 525	25 mm	20 mm	200 PCS
0217 764 535	35 mm	15 mm	200 PCS
0217 774 535	35 mm	20 mm	200 PCS
0217 764 545	45 mm	15 mm	200 PCS
0217 774 545	45 mm	20 mm	200 PCS

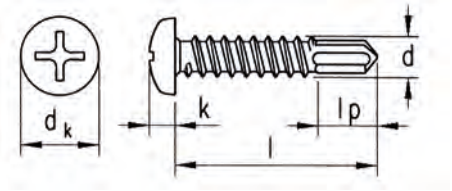
sebS pan head drilling screw, window construction, sim. to DIN 7504-N, yellow galvanised

Field of Application:
Connecting the internal bracing to the plastic window profile. Screwing joining plates or angle brackets onto the aluminium window.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 8 mm.



Diameter (d): 3.9 mm
Length (l): 16 mm
Min./max. material thickness: 0-4.0 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.8 mm
Drill tip length (lp): 6 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Yellow galvanised

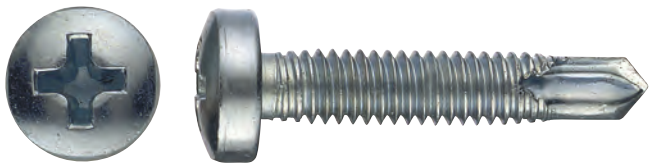


Art. No.	Packaging unit (VPE)
0211 039 16	1000 PCS

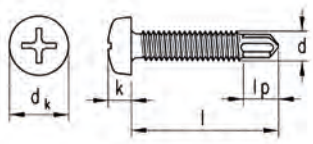
sebS pan head drilling screw, window construction, sim. to DIN 7504-N galv

Field of Application:
Connecting the internal bracing to the plastic window profile. Screwing joining plates or angle brackets onto the aluminium window.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 8 mm.



Diameter (d): 4 mm
Min./max. material thickness: 0-2.5 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.8 mm
Drill tip length (lp): 5 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Galvanised



Art. No.	Length (l)	Packaging unit (VPE)
0211 004 16	16 mm	1000 PCS
0211 004 20	20 mm	1000 PCS

sebS pan head drilling screw for window sills, A2

Field of Application:
Securing aluminium window sills to aluminium and wooden windows.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 6 mm. CAUTION: Only suitable for use with aluminium.

Diameter (d): 4.2 mm
Length (l): 20 mm
Min./max. material thickness: 0-2.5 mm
Washer diameter (D): 12 mm
Head diameter (dk): 7.8 mm
Head height (k): 2.9 mm
Drill tip length (lp): 5 mm
Material of the washer: Plastic
Internal drive: TX20
Material: Stainless steel A2
Surface: Bare

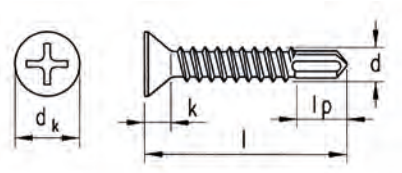
Art. No.	Packaging unit (VPE)
0211 704 220	500 PCS

sebS countersunk head drilling screw, window construction, sim. to DIN 7504-P-H, galv.

Field of Application:
Connecting the internal bracing to the plastic window profile. Securing fittings if drilling through the bracing of the plastic window. Screwing joining plates or angle brackets onto the aluminium window. Securing fittings onto the aluminium window profile.



Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 8 mm.



Diameter (d): 3.9 mm
Min./max. material thickness: 0-4.0 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.3 mm
Drill tip length (lp): 6 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Galvanised

Art. No.	Length (l)	Packaging unit (VPE)
0212 039 161	16 mm	1000 PCS
0212 039 191	19 mm	1000 PCS
0212 039 251	25 mm	1000 PCS

Art. No.	Length (l)	Packaging unit (VPE)
0212 039 321	32 mm	1000 PCS
0212 039 381	38 mm	1000 PCS

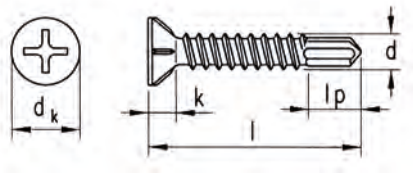
sebS countersunk milling head drilling screw, window construction, sim. to DIN 7504-P-H, galv.

Field of Application:
Connecting the internal bracing to the plastic window profile. Screwing joining plates or angle brackets onto the aluminium window.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 8 mm.



Diameter (d): 3.9 mm
Min./max. material thickness: 0-4.0 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.3 mm
Drill tip length (lp): 6 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Galvanised



Art. No.	Length (l)	Packaging unit (VPE)
0212 039 162	16 mm	1000 PCS
0212 039 192	19 mm	1000 PCS
0212 039 252	25 mm	1000 PCS
0212 039 322	32 mm	500 PCS
0212 039 382	38 mm	500 PCS

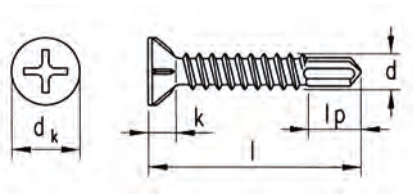
sebS countersunk milling head drilling screw, window construction, sim. to DIN 7504-P-H yellow-galv.

Field of Application:
Connecting the internal bracing to the plastic window profile. Screwing joining plates or angle brackets onto the aluminium window.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 8 mm.



Diameter (d): 3.9 mm
Min./max. material thickness: 0-4.0 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.3 mm
Drill tip length (lp): 6 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Yellow galvanised



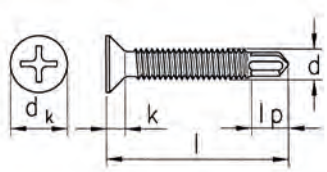
Art. No.	Length (l)	Packaging unit (VPE)
0212 039 16	16 mm	1000 PCS
0212 039 19	19 mm	1000 PCS

sebS countersunk head drilling screw, window construction, sim. to DIN 7504-P-H, galv.

Field of Application:
Connecting the internal bracing to the plastic window profile. Securing fittings if drilling through the bracing of the plastic window. Screwing joining plates or angle brackets onto the aluminium window. Securing fittings onto the aluminium window profile.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 6 mm.





Diameter (d): 4 mm
Min./max. material thickness: 0-2.5 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.3 mm
Drill tip length (lp): 5 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Galvanised

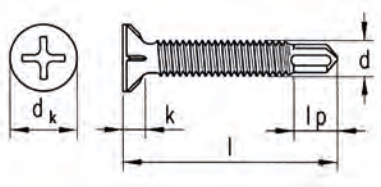
Art. No.	Length (l)	Packaging unit (VPE)
0212 004 160	16 mm	1000 PCS
0212 004 200	20 mm	1000 PCS
0212 004 250	25 mm	1000 PCS

sebS countersunk milling head drilling screw, window construction, sim. to DIN 7504-P-H, galv.

Field of Application:
Connecting the internal bracing to the plastic window profile. Screwing joining plates or angle brackets onto the aluminium window.

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 6 mm.





Diameter (d): 4 mm
Min./max. material thickness: 0-2.5 mm
Head diameter (dk): 7.5 mm
Head height (k): 2.3 mm
Drill tip length (lp): 5 mm
Internal drive: H2
DIN: Similar to 7504
Material: Hardened steel
Surface: Galvanised

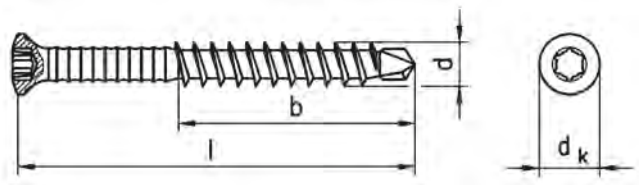
Art. No.	Length (l)	Packaging unit (VPE)
0212 004 16	16 mm	1000 PCS
0212 004 20	20 mm	1000 PCS
0212 004 25	25 mm	1000 PCS

sebS ultra drilling screw, raised countersunk head with milled pockets, A2

Advantages:

- Corrosion-resistant installation with A2 stainless steel material.
- No need for separate pre-drilling of wood (preliminary test advisable for hardwoods, depending on condition of the wood, pre-drilling and pre-countersinking may be necessary).
- The grooved shaft prevents the screw from tearing off.
- Easy countersinking with milling pockets.
- Small raised countersunk head for an aesthetically-pleasing look.





Field of Application:
For fastening floorboards to wooden substructures (e.g. securing terraces). Suitable for hardwood (e.g. Bankirai, Douglas fir).

Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

Diameter (d): 5 mm
Head diameter (dk): 7.5 mm
Head type: Countersunk oval milling head
Internal drive: TX20
Material: Stainless steel A2
Surface: Bare
Version: With creasing shaft

Art. No.	Length (l)	Thread length (thread for woodwork) (b)	Packaging unit (VPE)
0217 05 40	40 mm	22 mm	250 PCS
0217 05 50	50 mm	32 mm	250 PCS
0217 05 60	60 mm	37 mm	250 PCS
0217 05 70	70 mm	37 mm	200 PCS
0217 05 80	80 mm	37 mm	200 PCS

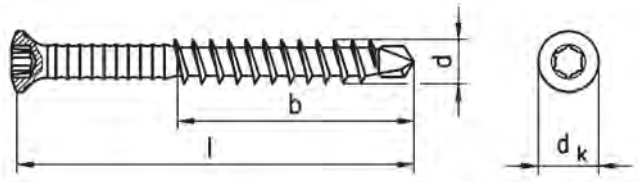
sebS ultra drilling screw, raised countersunk head with milled pocket, A4

Advantages:

- Corrosion-resistant installation with A4 stainless steel material.
- No need for separate pre-drilling of wood (preliminary test advisable for hardwoods, depending on condition of the wood, pre-drilling and pre-countersinking may be necessary).



- The grooved shaft prevents the screw from tearing off.
- Easy countersinking with milling pockets.
- Small raised countersunk head for an aesthetically-pleasing look.



Field of Application:
For fastening floorboards to wooden substructures (e.g. securing terraces). Suitable for hardwood (e.g. Bankirai, Douglas fir).

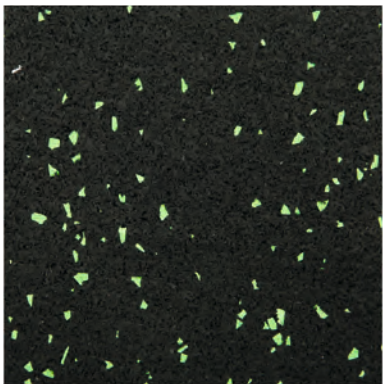
Advice:
Minimum screw length = clamping force + material thickness + drill tip length + 3 mm.

Diameter (d): 5 mm
Head diameter (dk): 7.5 mm
Head type: Countersunk oval milling head
Internal drive: TX20
Material: Stainless steel A4
Surface: Bare
Version: With creasing shaft

Art. No.	Length (l)	Thread length (thread for woodwork) (b)	Packaging unit (VPE)
0217 005 50	50 mm	32 mm	250 PCS
0217 005 60	60 mm	37 mm	250 PCS
0217 005 70	70 mm	37 mm	200 PCS

TT underlay pads, rubber-granulate

Product description:
RECA TT underlay pads are weather resistant. They are used to ventilate sub-structures and are vapour-permeable. If the substrate is uneven, this can be compensated by thicknesses of 3 mm, 8 mm and 20 mm. In addition, RECA TT underlay pads provide footfall sound insulation for the terrace.



Plasticiser migration:
No plasticiser migration at temperatures below 40°C. If installing boards or sheets on membranes, they must be covered using gravel, sand, humus, stone slabs etc.

Technical data:
Material: Pure, PU-bound rubber granules
Shore A hardness: Approx. 56° ShA
Specific weight: Approx. 80 kg/m3
Temperature resistance: Approx. -40°C to (short-term) +115°C

Application area:
The underlay pad is placed under the substructures. A distance of approx. 40 cm should be maintained between supports.

Field of Application:
reca TT underlay pads are used in terrace construction, horticulture and landscaping.

Advice:
Always comply with the rules for structural wood protection.





Length (Länge): 90.0 mm
Width (Breite): 90.0 mm
Colour (Oberfläche): Black

Art. No.	Thickness (Stärke)	Number of pieces (Inhalt)	Packaging unit (VPE)
0217 099 503	3 mm	300 PCS	1 PCS
0217 099 509	8 mm	125 PCS	1 PCS
0217 099 520	20 mm	50 PCS	1 PCS



TT levelling foot, galvanised, RUSPERT®

Product description:
The RECA TT levelling foot consists of the foot with a base plate (diameter 65 mm; 2.5 mm steel), to which an M8 stud bolt is attached and a drive-in nut. The drive-in nut is also coated with RUSPERT® to minimise a reaction with substances in the wood. The RECA TT levelling foot is used to balance out an uneven substrate and for height adjustment up to 30 mm. The compressive strength of a RECA TT levelling foot is approx. 200 kg.

Consumption:
• Approx. 6–9 pieces per m2



Application area:
The RECA TT levelling foot should be installed with spacing of approx. 50–100 cm. Please note the compressive strength (approx. 200 kg per levelling foot) and plan for the number of RECA TT levelling feet needed in accordance with your requirements. Mark the distance calculated on the underside of the substructure and pre-drill using a drill bit (diameter 10 mm) to a depth of 35–40 mm. Then, the T nut can be driven into the drill hole. Now screw the levelling foot into the T nut. For levelling more than 30 mm, the RECA TT underlay pad can also be laid underneath the levelling foot. The substructure can be aligned by unscrewing and re-screwing.



Field of Application:
The RECA TT levelling foot is used in terrace construction, horticulture and landscaping.

Advice:

Always comply with the rules for structural wood protection.

Diameter: 65.0 mm
Height: 40.0 mm
Surface: Galvanised

Art. No.	Packaging unit (VPE)
0217 099 400	20 PCS









TT spacer, plastic

Product description:
RECA TT spacers enable terrace boards to be laid easily and precisely. The bolt determines the spacing of the boards to one another. No additional spacer is needed. The resulting ventilation of the terrace boards leads to the terrace lasting considerably longer.

Consumption:
Approx. 21 pieces per m^2



Application area:
Terrace boards should be laid with a gap of at least 5 mm, ideally 7 mm. For woods that contain a high level of wood moisture during installation (e.g. as is often the case with Bangkirai) and contract significantly afterwards, spacing of 4 mm may be used. This prevents excessive gapping. This approach must not be taken with woods that are extremely dry during installation. At the starting side of the first board, the RECA TT spacer is broken off at the predetermined breaking point and used. Under the other side of the board and for all other boards, RECA TT spacers are placed fully underneath and the boards screwed down. The boards should be screwed down so that the terrace screws are screwed down through the holes, fixing the spacer into place. For the end board, RECA TT spacers are broken off as with the first one and put into position.

Field of Application:
RECA TT spacers are used in terrace construction, horticulture and landscaping.

Advice:
Patent pending. Always comply with the rules for structural wood protection.

Height: 4 mm
Material: Plastic

Art. No.	Size	Packaging unit (VPE)
0217 099 304	4	50 PCS
0217 099 307	7	50 PCS



TT countersink drill bit

Product description:
The RECA TT countersink drill bit is equipped with a 4.0 mm diameter drill bit, a 9.4 mm diameter countersink and a depth stop. The drill bit and depth stop can be continuously adjusted. The drill bit can be changed without any great expense (twist wood drill bit or DIN 338, 4.0 mm). No special drill bit required. The RECA TT countersink drill bit enables precise pre-drilling and countersinking in one step with a clear view of the working surface. No burn marks appear in the wood thanks to the moveable depth stop.



Application area:
Degrease the RECA TT countersink drill bit prior to first use. The Allen key can be used to set the drilling and countersinking depth or replace the drill bit. The RECA TT countersink drill bit should be operated at approx. 1300 rpm. If necessary, lightly lubricate between plastic depth stop and aluminium height adjustment with acid-free penetrating oil with PTFE (e.g. RECA arecal TEF CLEAR).





Advice:
The set screw for the depth stop must be tightened with care and not too tightly.

Drill diameter: 4.0 mm
Spot-facer diameter: 12 mm

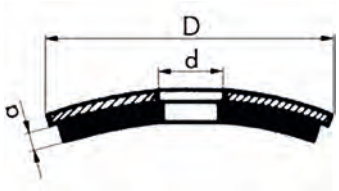
Art. No.	Packaging unit (VPE)
0217 099 100	1 PCS



Sealing washer A2

Internal diameter (d): 4.5 mm
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



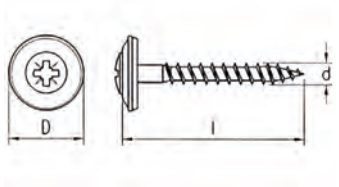


Art. No.	Outer diameter (D)	Thickness (a)	Packaging unit (VPE)
0234 150	15 mm	1.5 mm	500 PCS
0234 200	20 mm	2 mm	500 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, Pozidrive

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: Z2
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



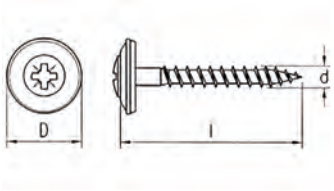


Art. No.	Length (l)	Packaging unit (VPE)
0234 345 250	25 mm	200 PCS
0234 345 350	35 mm	200 PCS
0234 345 450	45 mm	200 PCS

Self-tapping screw with sealing washer, Ø 20 mm, A2, Pozidrive

Diameter (d): 4.5 mm
Washer diameter (D): 20 mm
Internal drive: Z2
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



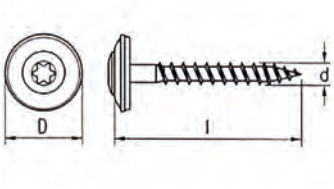


Art. No.	Length (l)	Packaging unit (VPE)
0234 345 25	25 mm	200 PCS
0234 345 35	35 mm	200 PCS
0234 345 45	45 mm	200 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, copper-plated, TX

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



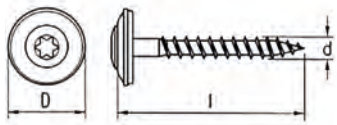


Art. No.	Length (l)	Packaging unit (VPE)
0238 545 20	20 mm	200 PCS
0238 545 25	25 mm	200 PCS
0238 545 35	35 mm	200 PCS
0238 545 45	45 mm	200 PCS
0238 545 60	60 mm	100 PCS
0238 545 70	70 mm	100 PCS
0238 545 100	100 mm	100 PCS
0238 545 120	120 mm	100 PCS

Self-tapping screw with sealing washer, Ø 20 mm, A2, copper-plated, TX

Diameter (d): 4.5 mm
Washer diameter (D): 20 mm
Internal drive: TX25
Surface: Copper-plated
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



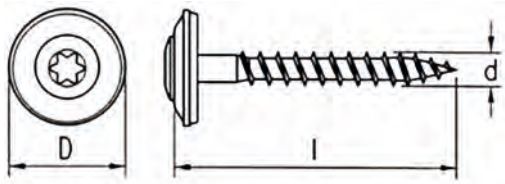


Art. No.	Length (l)	Packaging unit (VPE)
0238 645 20	20 mm	200 PCS
0238 645 25	25 mm	200 PCS
0238 645 35	35 mm	200 PCS
0238 645 45	45 mm	200 PCS
0238 645 60	60 mm	100 PCS
0238 645 70	70 mm	100 PCS
0238 645 100	100 mm	100 PCS
0238 645 120	120 mm	100 PCS
0238 645 150	150 mm	50 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, TX

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



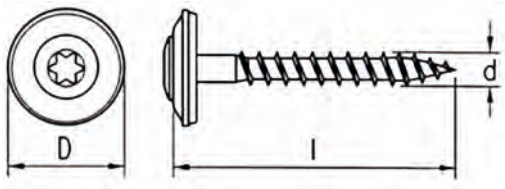


Art. No.	Length (l)	Packaging unit (VPE)
0238 045 20	20 mm	200 PCS
0238 045 25	25 mm	200 PCS
0238 045 35	35 mm	200 PCS
0238 045 45	45 mm	200 PCS
0238 045 60	60 mm	100 PCS
0238 045 70	70 mm	100 PCS
0238 045 100	100 mm	100 PCS
0238 045 120	120 mm	100 PCS

Self-tapping screw with sealing washer, Ø 20 mm, A2, TX

Washer diameter (D): 20 mm
Internal drive: TX25
Surface: Bare
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2





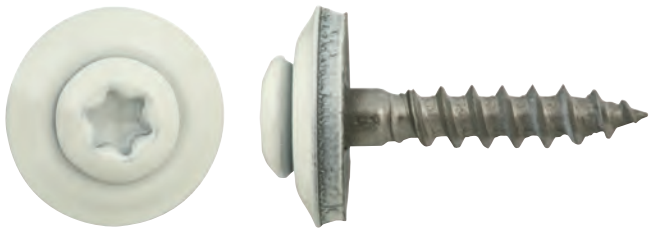
Art. No.	Diameter (d)	Length (l)	Packaging unit (VPE)
0238 145 20	4.5 mm	20 mm	200 PCS
0238 145 25	4.5 mm	25 mm	200 PCS
0238 145 35	4.5 mm	35 mm	200 PCS
0238 145 45	4.5 mm	45 mm	200 PCS
0238 145 60	4.5 mm	60 mm	100 PCS
0238 145 70	4.5 mm	70 mm	100 PCS
0238 145 100	4.5 mm	100 mm	100 PCS
0238 145 120	4.5 mm	120 mm	100 PCS
0238 145 150	4.5 mm	150 mm	50 PCS
0238 145 180	4.5 mm	180 mm	50 PCS
0238 15 200	5.0 mm	200 mm	50 PCS
0238 15 220	5.0 mm	220 mm	25 PCS
0238 15 250	5.0 mm	250 mm	25 PCS
0238 15 280	5.0 mm	280 mm	25 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

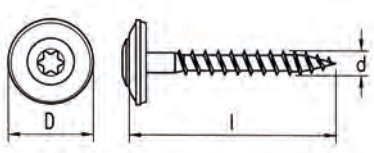
Pure white RAL 9010

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components



Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Colour: Pure white RAL 9010
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



Art. No.	Length (l)	Packaging unit (VPE)
0238 304 525	25 mm	200 PCS
0238 304 535	35 mm	200 PCS
0238 304 545	45 mm	200 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

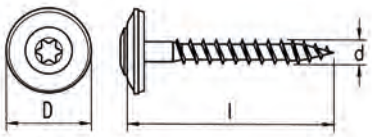
Anthracite grey RAL 7016

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Colour: Anthracite grey RAL 7016
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2





Art. No.	Length (l)	Packaging unit (VPE)
0238 314 525	25 mm	200 PCS
0238 314 535	35 mm	200 PCS
0238 314 545	45 mm	200 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

Jet black RAL 9005

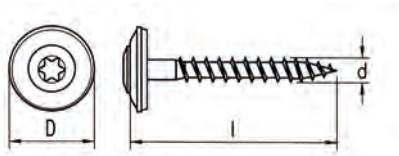
Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm



Internal drive: TX25
Colour: Jet black RAL 9005
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



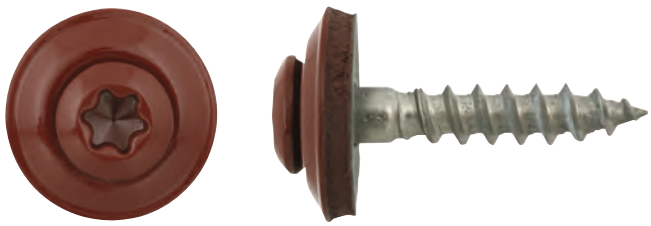
Art. No.	Length (l)	Packaging unit (VPE)
0238 324 525	25 mm	200 PCS
0238 324 535	35 mm	200 PCS
0238 324 545	45 mm	200 PCS

Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

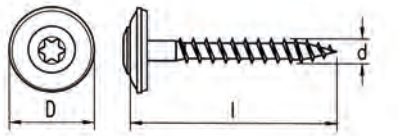
Red brown RAL 8012

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components



Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Colour: Red brown RAL 8012
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2



Art. No.	Length (l)	Packaging unit (VPE)
0238 334 525	25 mm	200 PCS
0238 334 535	35 mm	200 PCS
0238 334 545	45 mm	200 PCS

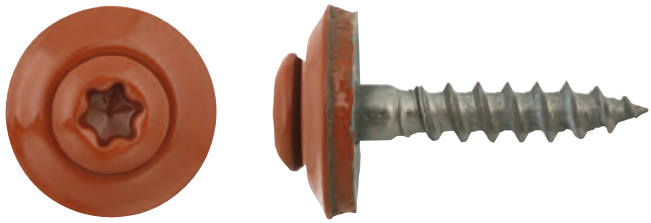
Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

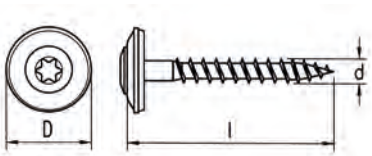
Copper brown RAL 8004

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Colour: Copper brown RAL 8004
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2





Art. No.	Length (l)	Packaging unit (VPE)
0238 344 525	25 mm	200 PCS
0238 344 535	35 mm	200 PCS
0238 344 545	45 mm	200 PCS

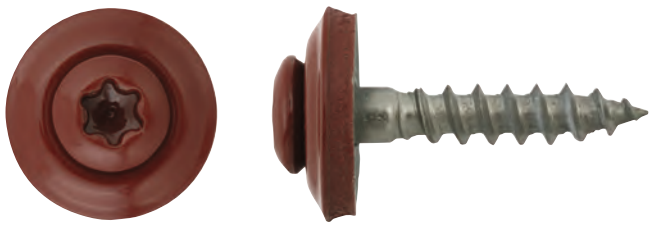
Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

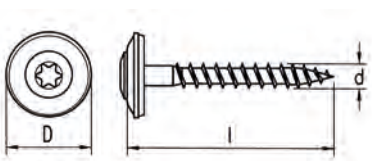
Oxide red RAL 3009

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components

Diameter (d): 4.5 mm
Washer diameter (D): 15 mm
Internal drive: TX25
Colour: Oxide red RAL 3009
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2





Art. No.	Length (l)	Packaging unit (VPE)
0238 354 525	25 mm	200 PCS
0238 354 535	35 mm	200 PCS

Art. No.	Length (l)	Packaging unit (VPE)
0238 354 545	45 mm	200 PCS

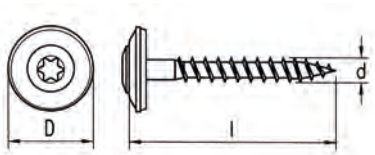
Self-tapping screw with sealing washer, Ø 15 mm, A2, painted head

Sepia brown RAL 8014

Advantages:
- Ideally matched colours
- Large colour range available
- Optimum load transfer with TX drive

Application area:
For attaching painted sheet metal components





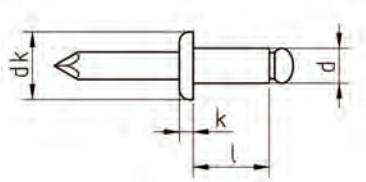
Diameter (d): 4.5 mm
Internal drive: TX25
Colour: Sepia brown RAL 8014
Material of the washer: Stainless steel A2
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Stainless steel A2

Art. No.	Length (l)	Packaging unit (VPE)
0238 364 525	25 mm	200 PCS
0238 364 535	35 mm	200 PCS
0238 364 545	45 mm	200 PCS

Round pan head blind rivet, aluminium/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.





Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5
Version: With oval mandrel head

Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0937 24 4	2.4 mm	4.0 mm	0.5-2.0 mm	5 mm	0.7 mm	2.5 mm	355.0 N	315.0 N	500 PCS
0937 24 6	2.4 mm	6.0 mm	2.0-4.0 mm	5 mm	0.7 mm	2.5 mm	355.0 N	315.0 N	500 PCS
0937 24 8	2.4 mm	8.0 mm	4.0-6.0 mm	5 mm	0.7 mm	2.5 mm	355.0 N	315.0 N	500 PCS

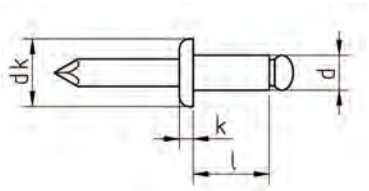
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0937 3 4	3.0 mm	4.0 mm	0.5-1.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 3 6	3.0 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 3 8	3.0 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 3 10	3.0 mm	10.0 mm	5.5-7.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 3 12	3.0 mm	12.0 mm	7.5-9.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 3 16	3.0 mm	16.0 mm	9.5-11.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0937 32 6	3.2 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.3 mm	980.0 N	760.0 N	500 PCS
0937 32 8	3.2 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.3 mm	980.0 N	760.0 N	500 PCS
0937 32 10	3.2 mm	10.0 mm	5.5-7.5 mm	6.5 mm	0.8 mm	3.3 mm	980.0 N	760.0 N	500 PCS
0937 4 6	4.0 mm	6.0 mm	1.5-3.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 8	4.0 mm	8.0 mm	3.0-5.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 10	4.0 mm	10.0 mm	5.0-6.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 12	4.0 mm	12.0 mm	6.5-8.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 16	4.0 mm	16.0 mm	10.5-12.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 20	4.0 mm	20.0 mm	14.5-16.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 4 25	4.0 mm	25.0 mm	19.0-21.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0937 48 10	4.8 mm	10.0 mm	4.5-6.0 mm	9.5 mm	1.1 mm	4.9 mm	2230.0 N	1690.0 N	500 PCS
0937 48 16	4.8 mm	16.0 mm	10.0-12.0 mm	9.5 mm	1.1 mm	4.9 mm	2230.0 N	1690.0 N	500 PCS
0937 5 6	5.0 mm	6.0 mm	1.0-3.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 8	5.0 mm	8.0 mm	3.0-4.5 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 10	5.0 mm	10.0 mm	4.5-6.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 12	5.0 mm	12.0 mm	6.0-8.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 16	5.0 mm	16.0 mm	10.0-12.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 20	5.0 mm	20.0 mm	14.0-17.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 25	5.0 mm	25.0 mm	17.0-20.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 30	5.0 mm	30.0 mm	23.0-25.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0937 5 35	5.0 mm	35.0 mm	25.0-30.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	250 PCS
0937 5 40	5.0 mm	40.0 mm	30.0-35.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	250 PCS
0937 5 50	5.0 mm	50.0 mm	40.0-45.0 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	250 PCS
0937 6 8	6.0 mm	8.0 mm	2.0-4.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS
0937 6 10	6.0 mm	10.0 mm	4.0-6.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS
0937 6 12	6.0 mm	12.0 mm	6.0-8.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS
0937 6 16	6.0 mm	16.0 mm	9.0-11.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS
0937 6 22	6.0 mm	22.0 mm	13.0-17.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS
0937 6 26	6.0 mm	26.0 mm	17.0-20.0 mm	12 mm	1.5 mm	6.1 mm	3900.0 N	3000.0 N	500 PCS

Round pan head blind rivet, aluminium/steel, anthracite grey

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5
Colour: Anthracite grey RAL 7016
Version: With oval mandrel head



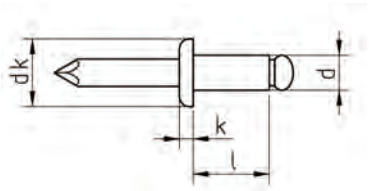
Art. No.	Rivet	Shaft length (l)	Min./ max. grip range	Head	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Min. grip range	Max. grip range	Packaging unit (VPE)
0937 730 060	3.0 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	1.5 mm	3.5 mm	500 PCS
0937 730 080	3.0 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	3.5 mm	5.5 mm	500 PCS
0937 730 100	3.0 mm	10.0 mm	5.5-7.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	5.5 mm	7.5 mm	500 PCS
0937 740 080	4.0 mm	8.0 mm	3.0-5.0 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	3.0 mm	5.0 mm	500 PCS
0937 740 100	4.0 mm	10.0 mm	5.0-6.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	5.0 mm	6.5 mm	500 PCS
0937 740 120	4.0 mm	12.0 mm	6.5-8.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	6.5 mm	8.5 mm	500 PCS

Round pan head blind rivet, aluminium/steel, copper brown

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5
Colour: Copper brown RAL 8004
Version: With oval mandrel head



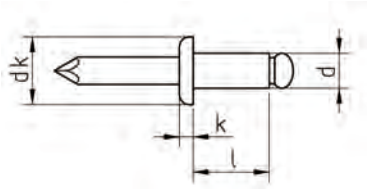
Art. No.	Rivet	Shaft length (l)	Min./ max. grip range	Head	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Min. grip range	Max. grip range	Packaging unit (VPE)
0937 830 060	3.0 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	1.5 mm	3.5 mm	500 PCS
0937 830 080	3.0 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	3.5 mm	5.5 mm	500 PCS
0937 830 100	3.0 mm	10.0 mm	5.5-7.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	5.5 mm	7.5 mm	500 PCS
0937 840 080	4.0 mm	8.0 mm	3.0-5.0 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	3.0 mm	5.0 mm	500 PCS
0937 840 100	4.0 mm	10.0 mm	5.0-6.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	5.0 mm	6.5 mm	500 PCS
0937 840 120	4.0 mm	12.0 mm	6.5-8.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	6.5 mm	8.5 mm	500 PCS

Round pan head blind rivet, aluminium/steel, grey white

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5
Colour: Grey white RAL 9002
Version: With oval mandrel head



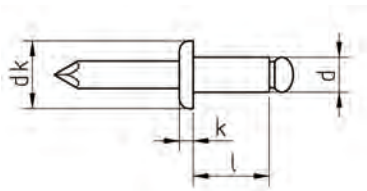
Art. No.	Rivet	Shaft length (l)	Min./ max. grip range	Head	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Min. grip range	Max. grip range	Packaging unit (VPE)
0937 930 060	3.0 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	1.5 mm	3.5 mm	500 PCS
0937 930 080	3.0 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	3.5 mm	5.5 mm	500 PCS
0937 930 100	3.0 mm	10.0 mm	5.5-7.5 mm	6.5 mm	0.8 mm	3.1 mm	810 N	620 N	5.5 mm	7.5 mm	500 PCS
0937 940 080	4.0 mm	8.0 mm	3.0-5.0 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	3.0 mm	5.0 mm	500 PCS
0937 940 100	4.0 mm	10.0 mm	5.0-6.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	5.0 mm	6.5 mm	500 PCS
0937 940 120	4.0 mm	12.0 mm	6.5-8.5 mm	8.0 mm	1.0 mm	4.1 mm	1600 N	1200 N	6.5 mm	8.5 mm	500 PCS

Round pan head blind rivet, aluminium/A2

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Stainless steel A2
Material of the sleeve: Aluminium, AlMg 2.5/3.0



Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0939 3 6	3.0 mm	6.0 mm	1.5-3.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0939 3 8	3.0 mm	8.0 mm	3.5-5.5 mm	6.5 mm	0.8 mm	3.1 mm	810.0 N	620.0 N	500 PCS
0939 4 6	4.0 mm	6.0 mm	1.0-3.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS

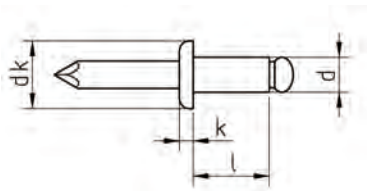
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0939 4 8	4.0 mm	8.0 mm	3.0-5.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0939 4 10	4.0 mm	10.0 mm	5.0-7.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0939 4 12	4.0 mm	12.0 mm	7.0-9.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0939 4 16	4.0 mm	16.0 mm	11.0-12.5 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0939 4 20	4.0 mm	20.0 mm	15.0-17.0 mm	8 mm	1.0 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0939 5 10	5.0 mm	10.0 mm	4.5-6.5 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0939 5 12	5.0 mm	12.0 mm	6.5-8.5 mm	9.5 mm	1.1 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS

Round pan head blind rivet, A2/A2

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Stainless steel A2
Material of the sleeve: Stainless steel A2
Version: With grooved mandrel and oval mandrel head



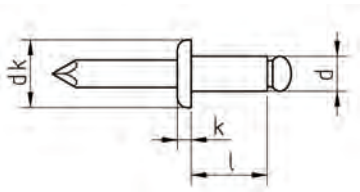
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0931 32 6	3.2 mm	6.0 mm	1.5-2.5 mm	6.5 mm	0.8 mm	3.3 mm	2500.0 N	1800.0 N	500 PCS
0931 32 8	3.2 mm	8.0 mm	2.5-4.5 mm	6.5 mm	0.8 mm	3.3 mm	2500.0 N	1800.0 N	500 PCS
0931 32 10	3.2 mm	10.0 mm	4.5-6.5 mm	6.5 mm	0.8 mm	3.3 mm	2500.0 N	1800.0 N	500 PCS
0931 32 12	3.2 mm	12.0 mm	6.5-8.5 mm	6.5 mm	0.8 mm	3.3 mm	2500.0 N	1800.0 N	500 PCS
0931 4 8	4.0 mm	8.0 mm	2.0-4.0 mm	8.0 mm	1.0 mm	4.1 mm	3800.0 N	3100.0 N	500 PCS
0931 4 10	4.0 mm	10.0 mm	4.0-6.0 mm	8.0 mm	1.0 mm	4.1 mm	3800.0 N	3100.0 N	500 PCS
0931 4 13	4.0 mm	13.0 mm	7.0-9.0 mm	8.0 mm	1.0 mm	4.1 mm	3800.0 N	3100.0 N	500 PCS
0931 48 8	4.8 mm	8.0 mm	1.5-3.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	500 PCS
0931 48 10	4.8 mm	10.0 mm	3.0-5.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	500 PCS
0931 48 12	4.8 mm	12.0 mm	5.0-7.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	500 PCS
0931 48 14	4.8 mm	14.0 mm	7.0-9.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	500 PCS
0931 48 16	4.8 mm	16.0 mm	9.0-11.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	500 PCS
0931 48 20	4.8 mm	20.0 mm	13.0-15.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	250 PCS
0931 48 25	4.8 mm	25.0 mm	17.0-20.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	250 PCS
0931 48 30	4.8 mm	30.0 mm	21.0-25.0 mm	9.5 mm	1.1 mm	4.9 mm	6000.0 N	4500.0 N	250 PCS
0931 5 10	5.0 mm	10.0 mm	3.0-5.0 mm	9.5 mm	1.1 mm	5.1 mm	6500.0 N	5000.0 N	500 PCS
0931 5 12	5.0 mm	12.0 mm	5.0-7.0 mm	9.5 mm	1.1 mm	5.1 mm	6500.0 N	5000.0 N	500 PCS
0931 5 16	5.0 mm	16.0 mm	9.0-11.0 mm	9.5 mm	1.1 mm	5.1 mm	6500.0 N	5000.0 N	500 PCS

Round pan head blind rivet, steel/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Steel
Version: With oval mandrel head



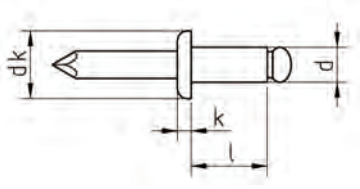
Art. No.	Rivet diameter (d)	Shaft length (l)	Min. grip range	Max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0935 130 060	3.0 mm	6.0 mm	1.5 mm	3.0 mm	6.5 mm	0.8 mm	3.1 mm	1125.0 N	915.0 N	500 PCS
0935 130 080	3.0 mm	8.0 mm	3.0 mm	5.0 mm	6.5 mm	0.8 mm	3.1 mm	1125.0 N	915.0 N	500 PCS
0935 130 100	3.0 mm	10.0 mm	5.0 mm	7.0 mm	6.5 mm	0.8 mm	3.1 mm	1125.0 N	915.0 N	500 PCS
0935 132 060	3.2 mm	6.0 mm	1.5 mm	3.0 mm	6.5 mm	0.8 mm	3.3 mm	1285.0 N	1060.0 N	500 PCS
0935 132 080	3.2 mm	8.0 mm	3.0 mm	5.0 mm	6.5 mm	0.8 mm	3.3 mm	1285.0 N	1060.0 N	500 PCS
0935 140 060	4.0 mm	6.0 mm	1.5 mm	2.5 mm	8.0 mm	1.0 mm	4.1 mm	1990.0 N	1550.0 N	500 PCS
0935 140 080	4.0 mm	8.0 mm	2.5 mm	4.5 mm	8.0 mm	1.0 mm	4.1 mm	1990.0 N	1550.0 N	500 PCS
0935 140 100	4.0 mm	10.0 mm	4.5 mm	6.5 mm	8.0 mm	1.0 mm	4.1 mm	1990.0 N	1550.0 N	500 PCS
0935 140 120	4.0 mm	12.0 mm	6.5 mm	8.5 mm	8.0 mm	1.0 mm	4.1 mm	1990.0 N	1550.0 N	500 PCS
0935 140 160	4.0 mm	16.0 mm	10.5 mm	12.5 mm	8.0 mm	1.0 mm	4.1 mm	1990.0 N	1550.0 N	500 PCS
0935 150 080	5.0 mm	8.0 mm	2.5 mm	4.0 mm	9.5 mm	1.1 mm	5.1 mm	3255.0 N	2575.0 N	500 PCS
0935 150 100	5.0 mm	10.0 mm	4.0 mm	6.0 mm	9.5 mm	1.1 mm	5.1 mm	3255.0 N	2575.0 N	500 PCS
0935 150 120	5.0 mm	12.0 mm	6.0 mm	8.0 mm	9.5 mm	1.1 mm	5.1 mm	3255.0 N	2575.0 N	500 PCS
0935 150 160	5.0 mm	16.0 mm	10.0 mm	11.5 mm	9.5 mm	1.1 mm	5.1 mm	3255.0 N	2575.0 N	500 PCS
0935 150 200	5.0 mm	20.0 mm	13.5 mm	15.0 mm	9.5 mm	1.1 mm	5.1 mm	3255.0 N	2575.0 N	500 PCS

Round pan head blind rivet, copper/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Copper



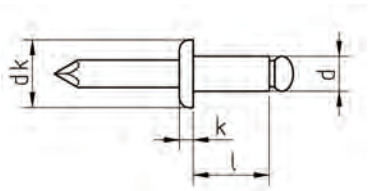
Art. No.	Rivet diameter	Shaft length	Min./max. grip range	Head diameter	Head height	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0940 3 6	3.0 mm	6.0 mm	1.0-3.0 mm	6.5 mm	0.8 mm	3.1 mm	700.0 N	600.0 N	500 PCS
0940 3 8	3.0 mm	8.0 mm	3.0-5.0 mm	6.5 mm	0.8 mm	3.1 mm	700.0 N	600.0 N	500 PCS
0940 4 10	4.0 mm	10.0 mm	4.0-6.5 mm	8 mm	1.0 mm	4.1 mm	1500.0 N	1000.0 N	500 PCS

Round pan head blind rivet, copper/bronze

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Bronze
Material of the sleeve: Copper



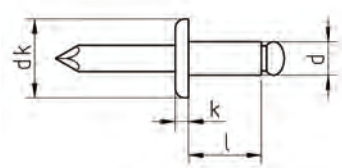
Art. No.	Rivet diameter	Shaft length	Min./max. grip range	Head diameter	Head height	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0941 130 060	3.0 mm	6.0 mm	1.0-3.0 mm	6.0 mm	0.8 mm	3.1 mm	900.0 N	650.0 N	500 PCS
0941 130 080	3.0 mm	8.0 mm	3.0-5.0 mm	6.0 mm	0.8 mm	3.1 mm	900.0 N	650.0 N	500 PCS
0941 130 100	3.0 mm	10.0 mm	5.0-7.0 mm	6.0 mm	0.8 mm	3.1 mm	900.0 N	650.0 N	500 PCS
0941 132 060	3.2 mm	6.0 mm	1.0-3.0 mm	6.0 mm	0.8 mm	3.3 mm	1000.0 N	800.0 N	500 PCS
0941 132 080	3.2 mm	8.0 mm	3.0-5.0 mm	6.0 mm	0.8 mm	3.3 mm	1000.0 N	800.0 N	500 PCS
0941 132 100	3.2 mm	10.0 mm	5.0-7.0 mm	6.0 mm	0.8 mm	3.3 mm	1000.0 N	800.0 N	500 PCS
0941 140 060	4.0 mm	6.0 mm	1.5-2.5 mm	7.8 mm	1.1 mm	4.1 mm	1500.0 N	1000.0 N	500 PCS
0941 140 080	4.0 mm	8.0 mm	2.5-4.5 mm	7.8 mm	1.1 mm	4.1 mm	1500.0 N	1000.0 N	500 PCS
0941 140 100	4.0 mm	10.0 mm	4.5-6.5 mm	7.8 mm	1.1 mm	4.1 mm	1500.0 N	1000.0 N	500 PCS

Large-head blind rivet, aluminium/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Head height max.: 2.5 mm
Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 3.0



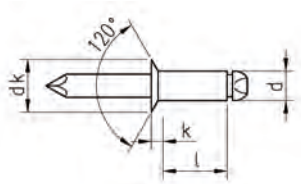
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0944 140 080	4.0 mm	8.0 mm	3.0-5.0 mm	12 mm	4.1 mm	1600 N	1200 N	500 PCS
0944 140 100	4.0 mm	10.0 mm	5.0-6.5 mm	12 mm	4.1 mm	1600 N	1200 N	500 PCS
0944 140 120	4.0 mm	12.0 mm	6.5-8.5 mm	12 mm	4.1 mm	1600 N	1200 N	500 PCS
0944 150 100	5.0 mm	10.0 mm	4.5-6.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 120	5.0 mm	12.0 mm	6.0-8.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 140	5.0 mm	14.0 mm	8.0-10.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 160	5.0 mm	16.0 mm	10.0-12.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 180	5.0 mm	18.0 mm	12.0-14.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 210	5.0 mm	21.0 mm	14.0-17.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS
0944 150 240	5.0 mm	24.0 mm	17.0-20.0 mm	14 mm	5.1 mm	2500 N	2000 N	500 PCS

Countersunk-head blind rivet, aluminium/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5/5.0



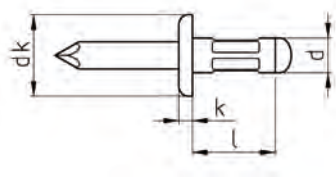
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0938 3 6	3.0 mm	6.0 mm	1.5-3.5 mm	6.0 mm	3.1 mm	870.0 N	680.0 N	500 PCS
0938 3 8	3.0 mm	8.0 mm	3.5-5.5 mm	6.0 mm	3.1 mm	870.0 N	680.0 N	500 PCS
0938 3 10	3.0 mm	10.0 mm	5.5-7.5 mm	6.0 mm	3.1 mm	870.0 N	680.0 N	500 PCS
0938 4 6	4.0 mm	6.0 mm	1.5-3.0 mm	7.5 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0938 4 8	4.0 mm	8.0 mm	3.0-5.0 mm	7.5 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0938 4 10	4.0 mm	10.0 mm	5.0-7.0 mm	7.5 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0938 4 12	4.0 mm	12.0 mm	6.5-9.0 mm	7.5 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0938 4 16	4.0 mm	16.0 mm	9.0-12.5 mm	7.5 mm	4.1 mm	1600.0 N	1200.0 N	500 PCS
0938 5 10	5.0 mm	10.0 mm	4.0-6.0 mm	9.0 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0938 5 12	5.0 mm	12.0 mm	6.0-8.5 mm	9.0 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS
0938 5 16	5.0 mm	16.0 mm	8.5-12.5 mm	9.0 mm	5.1 mm	2500.0 N	2000.0 N	500 PCS

Round pan head multi-purpose rivet, aluminium/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5



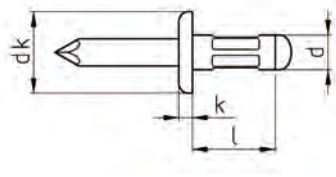
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Min./max. drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0915 132 050	3.2 mm	8.0 mm	0.5-5.0 mm	6.0 mm	1.4 mm	3.3-3.5 mm	980.0 N	680.0 N	500 PCS
0915 132 080	3.2 mm	11.1 mm	3.5-8.0 mm	6.0 mm	1.4 mm	3.3-3.5 mm	980.0 N	680.0 N	500 PCS
0915 140 060	4.0 mm	9.5 mm	1.0-6.0 mm	8.0 mm	1.7 mm	4.1-4.3 mm	1600.0 N	1150.0 N	500 PCS
0915 140 095	4.0 mm	12.7 mm	4.0-9.5 mm	8.0 mm	1.7 mm	4.1-4.3 mm	1600.0 N	1150.0 N	500 PCS
0915 148 055	4.8 mm	10.3 mm	0.5-5.5 mm	9.5 mm	2.0 mm	4.9-5.2 mm	2350.0 N	1500.0 N	250 PCS
0915 148 105	4.8 mm	15.1 mm	5.0-10.5 mm	9.5 mm	2.0 mm	4.9-5.2 mm	2350.0 N	1500.0 N	250 PCS
0915 148 150	4.8 mm	20.0 mm	10.0-15.0 mm	9.5 mm	2.0 mm	4.9-5.2 mm	2350.0 N	1500.0 N	250 PCS
0915 148 195	4.8 mm	24.8 mm	14.5-19.5 mm	9.5 mm	2.0 mm	4.9-5.2 mm	2350.0 N	1500.0 N	250 PCS

Round pan head multi-purpose rivet, aluminium/steel, traffic white

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



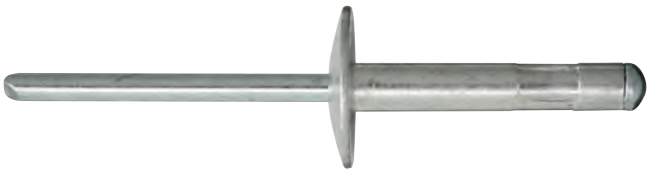
Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5
Colour: Traffic white RAL 9016



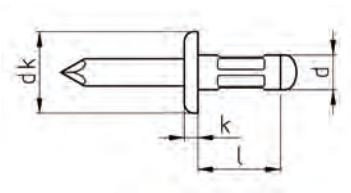
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Min./max. drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0915 840 65	4.0 mm	9.5 mm	1.5-6.5 mm	8.0 mm	1.4 mm	4.1-4.3 mm	1150.0 N	1600.0 N	500 PCS
0915 840 95	4.0 mm	12.7 mm	4.0-9.5 mm	8.0 mm	1.4 mm	4.1-4.3 mm	1150.0 N	1600.0 N	500 PCS
0915 848 110	4.8 mm	15.1 mm	4.6-11.0 mm	9.9 mm	1.6 mm	4.9-5.1 mm	1550.0 N	2230.0 N	250 PCS

Large-head multi-purpose rivet, aluminium/steel

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet sleeve.



Rivet diameter (d): 4.8 mm
Head diameter (dk): 16.0 mm
Head height (k): 2.5 mm
Min./max. drill diameter: 4.9-5.2 mm
Tensile fracture load: 2350.0 N
Shear-fracture load: 1500.0 N
Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 2.5



Art. No.	Shaft length (l)	Min./max. grip range	Packaging unit (VPE)
0915 248 055	10.3 mm	0.5-5.5 mm	250 PCS
0915 248 090	14.0 mm	4.0-9.0 mm	250 PCS
0915 248 130	18.0 mm	8.0-13.0 mm	250 PCS
0915 248 170	22.0 mm	12.0-17.0 mm	250 PCS
0915 248 220	27.0 mm	16.0-22.0 mm	250 PCS

Round pan head closed-end blind rivet, aluminium/steel

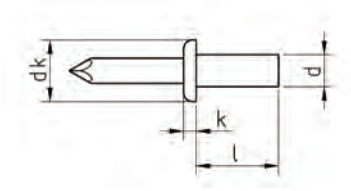
Advantages:
- Waterproof and airtight
- Pressure-tight up to 3500 kPa

Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet body.

Advice:
Compliance with the drilled hole tolerance is important to ensure optimum functionality.



Material of the mandrel: Steel
Material of the sleeve: Aluminium, AlMg 5.0



Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0937 032 65	3.2 mm	6.5 mm	0.5-2.0 mm	6.0 mm	1.4 mm	3.3 mm	1245.0 N	1070.0 N	500 PCS
0937 032 8	3.2 mm	8.0 mm	2.0-3.5 mm	6.0 mm	1.4 mm	3.3 mm	1245.0 N	1070.0 N	500 PCS
0937 032 95	3.2 mm	9.5 mm	3.5-5.0 mm	6.0 mm	1.4 mm	3.3 mm	1245.0 N	1070.0 N	500 PCS
0937 032 125	3.2 mm	12.5 mm	6.5-8.0 mm	6.0 mm	1.4 mm	3.3 mm	1245.0 N	1070.0 N	500 PCS
0937 04 8	4.0 mm	8.0 mm	0.5-3.5 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0937 04 95	4.0 mm	9.5 mm	3.5-5.0 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0937 04 125	4.0 mm	12.5 mm	6.5-8.0 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0937 048 8	4.8 mm	8.0 mm	1.0-3.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS
0937 048 95	4.8 mm	9.5 mm	3.0-5.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS
0937 048 125	4.8 mm	12.5 mm	5.0-8.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS

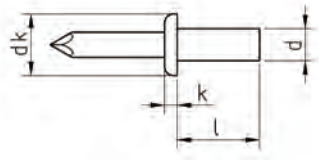
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0937 048 16	4.8 mm	16.0 mm	8.0-11.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS
0937 048 18	4.8 mm	18.0 mm	11.0-13.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS
0937 048 21	4.8 mm	21.0 mm	13.0-16.0 mm	9.5 mm	2.0 mm	4.9 mm	3070.0 N	2230.0 N	500 PCS

Round pan head closed-end blind rivet, aluminium/A2

Advantages:
- Waterproof and airtight
- Pressure-tight up to 3500 kPa



Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet body.



Advice:
Compliance with the drilled hole tolerance is important to ensure optimum functionality.

Material of the mandrel: Stainless steel A2
Material of the sleeve: Aluminium, AlMg 5.0

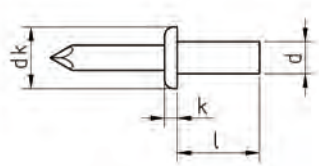
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0939 132 65	3.2 mm	6.5 mm	0.5-2.0 mm	6.0 mm	1.4 mm	3.3 mm	1070.0 N	500.0 N	500 PCS
0939 132 8	3.2 mm	8.0 mm	2.0-3.5 mm	6.0 mm	1.4 mm	3.3 mm	1070.0 N	500.0 N	500 PCS
0939 132 95	3.2 mm	9.5 mm	3.5-5.0 mm	6.0 mm	1.4 mm	3.3 mm	1070.0 N	500.0 N	500 PCS
0939 14 8	4.0 mm	8.0 mm	0.5-3.5 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0939 14 95	4.0 mm	9.5 mm	3.5-5.0 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0939 14 11	4.0 mm	11.0 mm	5.0-6.5 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS
0939 14 125	4.0 mm	12.5 mm	6.5-8.0 mm	8.0 mm	1.7 mm	4.1 mm	2240.0 N	1710.0 N	500 PCS

Round pan head closed-end blind rivet, A2/A2

Advantages:
- Waterproof and airtight
- Pressure-tight up to 3500 kPa



Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet body.



Advice:
Compliance with the drilled hole tolerance is important to ensure optimum functionality.

Material of the mandrel: Stainless steel A2
Material of the sleeve: Stainless steel A2

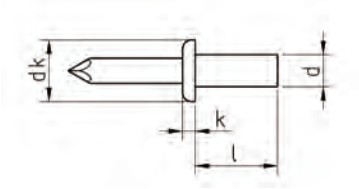
Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0931 132 6	3.2 mm	6.0 mm	0.5-1.5 mm	6.0 mm	0.9 mm	3.3 mm	2500.0 N	2000.0 N	500 PCS
0931 132 8	3.2 mm	8.0 mm	1.5-3.0 mm	6.0 mm	0.9 mm	3.3 mm	2500.0 N	2000.0 N	500 PCS
0931 14 8	4.0 mm	8.0 mm	1.5-3.0 mm	8.0 mm	1.3 mm	4.1 mm	4000.0 N	3000.0 N	500 PCS
0931 14 95	4.0 mm	9.5 mm	3.0-5.0 mm	8.0 mm	1.3 mm	4.1 mm	4000.0 N	3000.0 N	500 PCS
0931 14 12	4.0 mm	12.0 mm	5.0-6.5 mm	8.0 mm	1.3 mm	4.1 mm	4000.0 N	3000.0 N	500 PCS

Round pan head closed-end blind rivet, copper/steel

Advantages:
- Waterproof and airtight
- Pressure-tight up to 3500 kPa



Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is particularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet body.



Advice:
Compliance with the drilled hole tolerance is important to ensure optimum functionality.

Material of the mandrel: Steel
Material of the sleeve: Copper

Art. No.	Rivet diameter (d)	Shaft length (l)	Min./max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0940 032 65	3.2 mm	6.5 mm	0.5-2.0 mm	6.0 mm	1.4 mm	3.3 mm	1300.0 N	850.0 N	500 PCS
0940 032 8	3.2 mm	8.0 mm	2.0-3.5 mm	6.0 mm	1.4 mm	3.3 mm	1300.0 N	850.0 N	500 PCS
0940 032 95	3.2 mm	9.5 mm	3.5-5.0 mm	6.0 mm	1.4 mm	3.3 mm	1300.0 N	850.0 N	500 PCS
0940 04 10	4.0 mm	10.0 mm	3.5-5.0 mm	8.0 mm	1.7 mm	4.1 mm	2000.0 N	1350.0 N	500 PCS
0940 048 115	4.8 mm	11.5 mm	5.0-6.5 mm	9.5 mm	2.0 mm	4.9 mm	2800.0 N	1950.0 N	500 PCS

Round pan head closed-end blind rivet, copper/A2

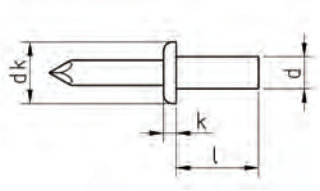
Advantages:
- Waterproof and airtight
- Pressure-tight up to 3500 kPa



Application area:
Blind riveting is a joining technique that saves time and reduces costs. It is par-

ticularly suitable for connections where access is only possible from one side. Practically any installation location can be catered for using different material combinations of riveting mandrel and rivet body.

Advice:
Compliance with the drilled hole tolerance is important to ensure optimum functionality.



Rivet diameter (d): 3.2 mm
Head diameter (dk): 6.0 mm
Head height (k): 1.4 mm
Drill diameter: 3.3 mm
Tensile fracture load: 1300.0 N
Shear-fracture load: 850.0 N
Material of the mandrel: Stainless steel A2
Material of the sleeve: Copper

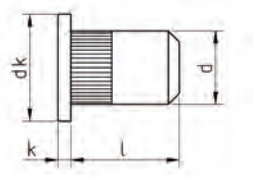
Art. No.	Shaft length (l)	Min./max. grip range	Packaging unit (VPE)
0940 132 65	6.5 mm	0.5-2.0 mm	500 PCS
0940 132 8	8.0 mm	2.0-3.5 mm	500 PCS
0940 132 95	9.5 mm	3.5-5.0 mm	500 PCS
0940 132 125	12.5 mm	5.0-8.0 mm	500 PCS

Round pan head blind rivet nut, aluminium

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet
2. Creation of a screw thread without tapping

Advantages:
- Creation of a thread even in thin-walled materials in which thread cutting is not possible
- Access from one side, inside does not have to be accessible
- Screw connection achieves same values as a thread cut in solid material





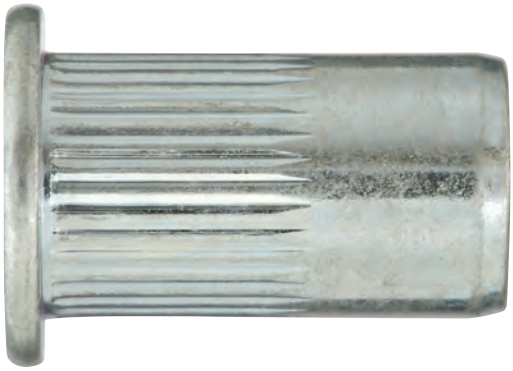
Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 140 110	M4	5.9 mm	11.0 mm	0.5-3.0 mm	9.0 mm	1.1 mm	6.0 mm	2840.0 N	1070.0 N	100 PCS
0948 150 130	M5	6.9 mm	13.0 mm	0.5-3.0 mm	10.0 mm	1.1 mm	7.0 mm	4900.0 N	1170.0 N	100 PCS
0948 160 160	M6	8.9 mm	16.0 mm	0.5-3.0 mm	12.0 mm	1.6 mm	9.0 mm	9300.0 N	2280.0 N	100 PCS
0948 180 175	M8	10.9 mm	17.5 mm	0.5-3.0 mm	15.0 mm	1.6 mm	11.0 mm	14700.0 N	2450.0 N	100 PCS
0948 180 200	M8	10.9 mm	20.0 mm	3.0-5.5 mm	15.0 mm	1.6 mm	11.0 mm	14700.0 N	2450.0 N	100 PCS
0948 110 190	M10	11.9 mm	19.0 mm	0.5-3.0 mm	16.0 mm	2.1 mm	12.0 mm	21500 N	3820 N	100 PCS
0948 112 250	M12	15.9 mm	25.0 mm	1.0-4.0 mm	22.0 mm	2.1 mm	16.0 mm	27400 N	4400 N	100 PCS

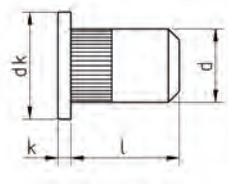
Round pan head blind rivet nut, galvanised

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet
2. Creation of a screw thread without tapping

Advantages:
- Creation of a thread even in thin-walled materials where thread cutting is not possible
- Access from one side; inside does not have to be accessible
- Screw connection produces the same values as a thread cut in a solid material

Material: Steel
Version: With knurling





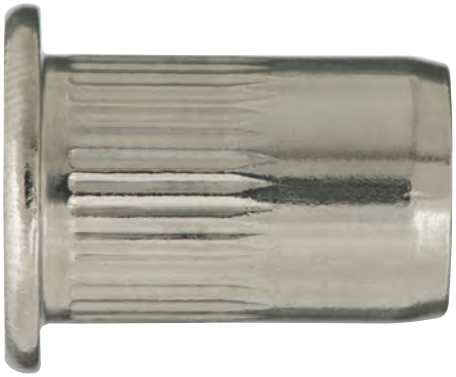
Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 34 10	M4	5.9 mm	10.0 mm	0.3-3.0 mm	9.0 mm	1.1 mm	6.0 mm	7840.0 N	1660.0 N	100 PCS
0948 35 12	M5	6.9 mm	12.0 mm	0.3-3.0 mm	10.0 mm	1.1 mm	7.0 mm	11070.0 N	2760.0 N	100 PCS
0948 36 145	M6	8.9 mm	14.5 mm	0.5-3.0 mm	12.0 mm	1.6 mm	9.0 mm	27440.0 N	4410.0 N	100 PCS
0948 38 16	M8	10.9 mm	16.0 mm	0.5-3.0 mm	15.0 mm	1.6 mm	11.0 mm	27440.0 N	4410.0 N	100 PCS
0948 38 185	M8	10.9 mm	18.5 mm	3.1-5.5 mm	15.0 mm	1.6 mm	11.0 mm	28420.0 N	4900.0 N	100 PCS
0948 310 17	M10	11.9 mm	17.0 mm	0.5-3.0 mm	16.0 mm	2.1 mm	12.0 mm	28420.0 N	4900.0 N	100 PCS
0948 310 22	M10	11.9 mm	22.0 mm	3.1-6.0 mm	16.0 mm	2.1 mm	12.0 mm	28420.0 N	4900.0 N	100 PCS

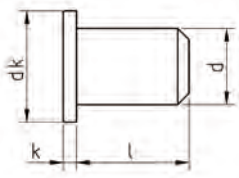
Round pan head blind rivet nut, A2

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet
2. Creation of a screw thread without tapping

Advantages:
- Creation of a thread even in thin-walled materials where thread cutting is not possible
- Access from one side; inside does not have to be accessible
- Screw connection produces the same values as a thread cut in a solid material

Material: Stainless steel A2



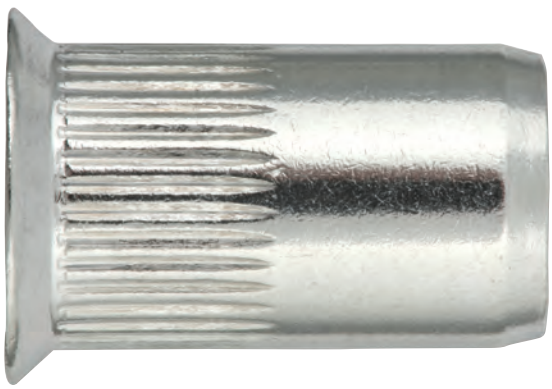


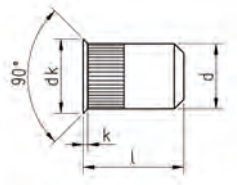
Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 54 10	M4	5.9 mm	10.0 mm	0.3-2.5 mm	9.0 mm	1.1 mm	6.0 mm	6860.0 N	2640.0 N	100 PCS
0948 55 12	M5	6.9 mm	12.0 mm	0.3-3.0 mm	10.0 mm	1.1 mm	7.0 mm	11760.0 N	2940.0 N	100 PCS
0948 56 145	M6	8.9 mm	14.5 mm	0.5-3.0 mm	12.0 mm	1.6 mm	9.0 mm	18620.0 N	4900.0 N	100 PCS
0948 58 16	M8	10.9 mm	16.0 mm	0.5-3.0 mm	15.0 mm	1.6 mm	11.0 mm	24500.0 N	6860.0 N	100 PCS
0948 510 17	M10	12.9 mm	17.0 mm	0.5-3.0 mm	16.0 mm	2.1 mm	13.0 mm	29400.0 N	7840.0 N	100 PCS

Countersunk-head blind rivet nut, aluminium

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet.
2. Creation of a screw thread without tapping.

Advantages:
- Creation of a thread even in thin-walled materials in which thread cutting is not possible
- Access from one side, inside does not have to be accessible
- Screw connection achieves same values as a thread cut in solid material





Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 240 125	M4	5.9 mm	12.5 mm	1.5-4.0 mm	8.5 mm	1.5 mm	6.0 mm	2840 N	1070 N	100 PCS
0948 250 135	M5	6.9 mm	13.5 mm	1.5-4.0 mm	9.5 mm	1.5 mm	7.0 mm	4900 N	1170 N	100 PCS
0948 260 155	M6	8.9 mm	15.5 mm	1.5-4.0 mm	11.5 mm	1.5 mm	9.0 mm	9300 N	2280 N	100 PCS
0948 280 185	M8	10.9 mm	18.5 mm	1.5-4.0 mm	13.5 mm	1.5 mm	11.0 mm	14700 N	2400 N	100 PCS
0948 210 210	M10	11.9 mm	21.0 mm	2.0-4.5 mm	14.5 mm	1.7 mm	12.0 mm	21500 N	3820 N	100 PCS
0948 212 245	M12	15.9 mm	24.5 mm	2.0-4.5 mm	19.0 mm	1.9 mm	16.0 mm	27400 N	4400 N	100 PCS

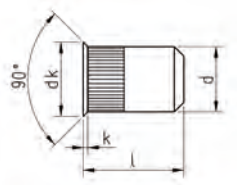
Blind rivet nut, small countersunk head, galvanised

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet.
2. Creation of a screw thread without tapping.

Advantages:
- Creation of a thread even in thin-walled materials in which thread cutting is not possible
- Access from one side, inside does not have to be accessible
- Screw connection achieves same values as a thread cut in solid material

Material: Steel
Version: With knurling





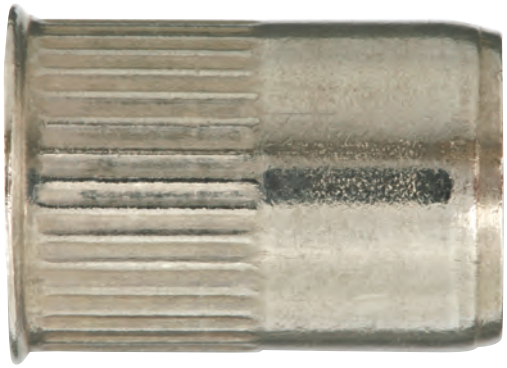
Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 44 10	M4	5.9 mm	10.0 mm	0.5-3.0 mm	7.0 mm	0.7 mm	6.0 mm	6470.0 N	1620.0 N	100 PCS
0948 45 115	M5	6.9 mm	11.5 mm	0.5-3.0 mm	8.0 mm	0.7 mm	7.0 mm	9090.0 N	2190.0 N	100 PCS
0948 46 14	M6	8.9 mm	14.0 mm	0.5-3.0 mm	10.0 mm	0.7 mm	9.0 mm	16660.0 N	2350.0 N	100 PCS
0948 48 155	M8	10.9 mm	15.5 mm	0.5-3.0 mm	12.0 mm	0.7 mm	11.0 mm	21610.0 N	2840.0 N	100 PCS
0948 410 20	M10	11.9 mm	20.0 mm	0.8-3.5 mm	13.5 mm	0.9 mm	12.0 mm	31750.0 N	4260.0 N	100 PCS

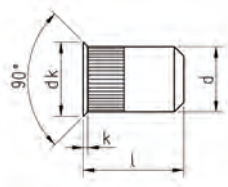
Small countersunk-head blind rivet nut, A2

Product description:
Blind rivet nuts combine two types of fastening:
1. Rivet connection of two materials when used as a blind rivet.
2. Creation of a screw thread without tapping.

Advantages:
- Creation of a thread even in thin-walled materials in which thread cutting is not possible
- Access from one side, inside does not have to be accessible
- Screw connection achieves same values as a thread cut in solid material

Material: Stainless steel A2





Art. No.	Suitable for screw	Rivet diameter (d)	Shaft length (l)	Min./ max. grip range	Head diameter (dk)	Head height (k)	Drill diameter	Tensile fracture load	Shear-fracture load	Packaging unit (VPE)
0948 64 10	M4	5.9 mm	10.0 mm	0.5-2.5 mm	7.0 mm	0.9 mm	6.0 mm	6860.0 N	2940.0 N	100 PCS
0948 65 115	M5	6.9 mm	11.5 mm	0.5-3.0 mm	8.0 mm	0.9 mm	7.0 mm	11760.0 N	4030.0 N	100 PCS
0948 66 14	M6	8.9 mm	14.0 mm	0.5-3.0 mm	10.0 mm	0.9 mm	9.0 mm	18620.0 N	5230.0 N	100 PCS
0948 68 155	M8	10.9 mm	15.5 mm	0.5-3.0 mm	12.0 mm	0.9 mm	11.0 mm	25480.0 N	5400.0 N	100 PCS
0948 610 195	M10	12.9 mm	19.5 mm	0.8-3.5 mm	14.5 mm	1.1 mm	13.0 mm	33320.0 N	5880.0 N	100 PCS

Round pan head hammer rivet, aluminium/A2

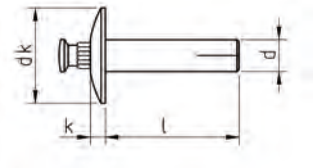
Advantages:
- Saves time as easy to handle and quick to install
- Install with a hammer, no special tool required
- Can be used in various materials
- Can be used outdoors due to rustproof material components
- High clamping force, good resistance to vibration and shear strength
- A fastener for many applications

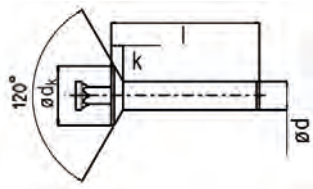


Application area:
For attaching aluminium and sheet metal profiles, sealing strips, wall connec-

tion profiles, roof edge profiles, chimney covers, wall copings, domed rooflights etc. onto masonry, concrete, hard plaster, wood in roofs and walls
For fastenings in vehicle, container and equipment manufacturing

Rivet diameter (Ø d): 4.8 mm
Min./max. drill diameter: 4.75-4.88 mm
Embedding depth in solid brick (h s): 20.0 mm
Drill hole diameter in stone: 5 mm
Shear-fracture load: 4500 N
Material of the mandrel: Stainless steel A2
Material of the sleeve: Aluminium, AlMg 3.0

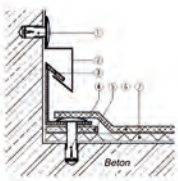






Art. No.	Head type	Length (l)	Min./max. grip range (steel)	Min./max. grip range	Head diameter (Ø dk)	Head height (k)	Tensile fracture load	Packaging unit (VPE)
0945 148 25	Countersunk head 60 degree	25 mm	20.5-22.0 mm	0.0-5.0 mm	10.0 mm	2.0 mm	2000 N	200 PCS
0945 048 016	Flat round head	16 mm	11.5-13.0 mm	0.0-0.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 020	Flat round head	20 mm	15.5-17.0 mm	0.0-0.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 025	Flat round head	25 mm	20.5-22.0 mm	0.0-5.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 030	Flat round head	30 mm	25.5-27.0 mm	0.0-10.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 035	Flat round head	35 mm	30.5-32.0 mm	0.0-15.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 040	Flat round head	40 mm	35.5-37.0 mm	0.0-20.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS
0945 048 050	Flat round head	50 mm	45.5-47.0 mm	0.0-30.0 mm	14.5 mm	2.2 mm	2200 N	200 PCS





RTX 1-50 hand rivet tool

Product description:
Professional blind rivet tool for simple and minor assembly work. Easy operation guaranteed due to integrated adjustment.

Field of Application:
Repairs and service work



Material of the housing: Die-cast aluminium
Material of the leg: Chrome vanadium steel
Product weight (per item): 0.7 kg
Length: 255.0 mm
Version: Housing with steel inserts on high wear areas
Included in delivery (Lieferumfang): Hand rivet tool, nozzle diameters 3.0–5.0 mm, installation key, operating instructions

Art. No.	Packaging unit (VPE)
0949 15	1 PCS

Spare part set for RTX 1-50

Composition of set: One nozzle suitable for blind rivets: Ø 2.4 mm, Ø 3.0–3.2 Ø 4.0 mm, Ø 4.8–5.0 mm, 2 pairs chuck jaws, 1 compression socket, 1 compression spring



Art. No.	Packaging unit (VPE)
0949 151	1 PCS

RTX 3-64 lever riveter

Product description:
Professional lever riveter for mass riveting and assembly work. Lever travel can be set using the adjustable nozzle and can therefore be adapted to the optimum working position.

Field of Application:
Repairs and service work

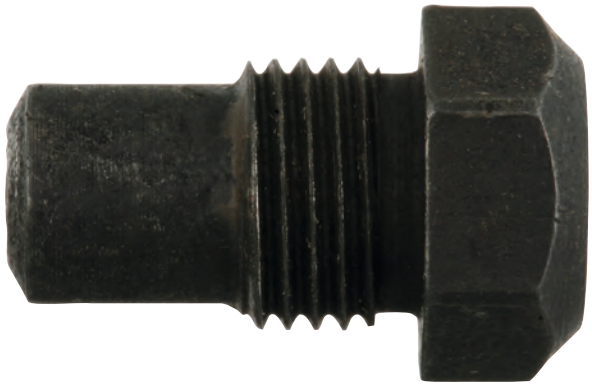


Material of the housing: ABS
Material of the leg: Steel
Product weight (per item): 1.8 kg
Length: 520.0 mm
Version: Housing with steel reinforcement
Composition of set: Hand rivet tool, nozzle diameter 3.0–6.4 mm, collection container for rivet pins, installation key, operating instructions

Art. No.	Packaging unit (VPE)
0949 200	1 PCS

Nozzles for RTX 3-64

Material: Steel



Art. No.	Min./max. rivet diameter	Packaging unit (VPE)
0949 202	3.0-3.2 mm	1 PCS
0949 203	4.0-4.0 mm	1 PCS
0949 204	4.8-5.0 mm	1 PCS
0949 205	6.0-6.0 mm	1 PCS
0949 206	6.4-6.4 mm	1 PCS

Empty case for RECA lever riveters



Art. No.	Packaging unit (VPE)
0949 000 000	1 PCS



RMX 3-6 hand rivet tool

Product description:
Professional rivet nut tool for simple and minor assembly work. The quick-change system for mandrels and nozzles saves time when switching to other thread sizes.

Field of Application:
Repairs and service work



Material of the housing: Die-cast aluminium
Material of the leg: Chrome vanadium steel
Product weight (per item): 0.8 kg
Length: 280.0 mm
Version: Housing with steel inserts on high wear areas
Included in delivery (Lieferumfang): Conversion kits for M3 M4 M5 M6 blind rivet nuts
Suitable for screw: M3 - M6

Art. No.	Packaging unit (VPE)
0949 36	1 PCS

Conversion kits for RMX 3-6



Art. No.	Suitable for screw	Packaging unit (VPE)
0949 363	M3	1 PCS
0949 364	M4	1 PCS
0949 365	M5	1 PCS
0949 366	M6	1 PCS
0949 368	M8	1 PCS

RMX II 5-10 lever riveter

Product description:
Professional lever riveter with drill rod and quick-change mandrel system for mass riveting and assembly work. Lever adjustment and travel setting ensure that every blind rivet nut is installed using the same level of force.

Field of Application:
Repairs and installation



Material of the housing: ABS

Material of the leg: Steel
Product weight (per item): 2.5 kg
Length: 555.0 mm
Version: Housing with steel reinforcement
Included in delivery (Lieferumfang): Hand rivet tool, conversion kits for M5 M6 M8 M10 blind rivet nuts,
installation key, operating instructions
Suitable for screw: M5 - M10



Art. No.	Packaging unit (VPE)
0949 051 000	1 PCS

Conversion kits for RMX II 5-10





Art. No.	Suitable for screw	Packaging unit (VPE)
0949 051 005	M5	1 PCS
0949 051 006	M6	1 PCS
0949 051 008	M8	1 PCS
0949 051 010	M10	1 PCS

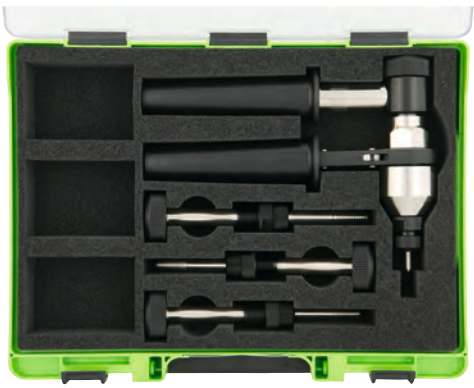
Rivet nut tool RMX 6-12

Rivet nut tool with quick change system for processing blind rivet nuts

Product description:
Powerful and compact tool with integrated ratchet mechanism. Ideally suited for applications in small and/or tight spots.

Advantages:
- Quick change system for mandrels and sleeves
- For positioning rivets in tight spots
- Readable stroke scale
- For processing: Blind rivet nuts M4 to M12 made from aluminium/steel/ stainless steel
- Operating instructions on back of the VISO box to ensure they cannot be lost

Field of Application:
Repairs and installation



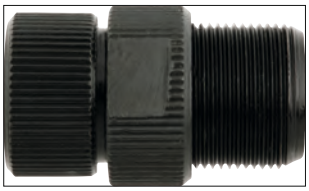
Material of the housing: Steel
Material of the leg: Steel
Product weight (per item): 1.1 kg
Length: 210 mm
Included in delivery (Lieferumfang): Hand rivet tool, conversion kits for M6 M8 M10 M12 blind rivet nuts, operating instructions
Suitable for screw: M6 - M12



Art. No.	Packaging unit (VPE)
0949 612	1 PCS

Accessories for RMX 6-12



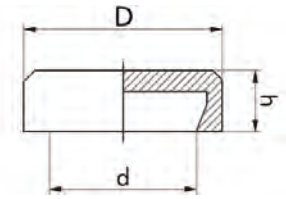


Art. No.	Suitable for screw	Packaging unit (VPE)
0949 612 104	M4	1 PCS
0949 612 105	M4	1 PCS
0949 612 004	M5	1 PCS
0949 612 005	M5	1 PCS
0949 612 006	M6	1 PCS
0949 612 106	M6	1 PCS
0949 612 008	M8	1 PCS
0949 612 108	M8	1 PCS
0949 612 010	M10	1 PCS
0949 612 110	M10	1 PCS
0949 612 012	M12	1 PCS
0949 612 112	M12	1 PCS

Cover cap for window sill screw, plastic

Internal diameter (d): 7 mm
Outer diameter (D): 12 mm
Height (h): 4 mm
Material (Werkstoff): PE - Polyethylene





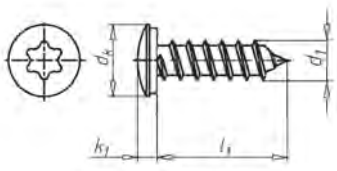
Art. No.	Colour	Packaging unit (VPE)
0590 126 125	Jet black RAL 9005	500 PCS
0590 128 125	Mahogany RAL 8016	500 PCS
0590 12 125	Pure white RAL 9010	500 PCS
0590 125 125	Silver grey RAL 7001	500 PCS



Window sill screw without washer, self-tapping screw thread A2 TX

Diameter (d1): 3.9 mm
Head type: Cap head
Internal drive: TX20
Material: Hardened steel
Surface: Galvanised
Version: Without washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





Art. No.	Length (l1)	Packaging unit (VPE)
0126 003 916	16.0 mm	500 PCS

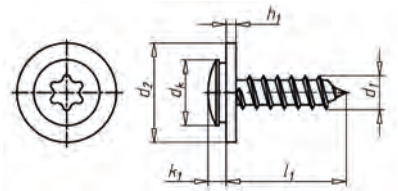
Art. No.	Length (l1)	Packaging unit (VPE)
0126 003 922	22.0 mm	500 PCS
0126 003 925	25.0 mm	500 PCS
0126 003 938	38.0 mm	500 PCS

Window sill screw with washer, self-tapping screw thread A2 TX

Natural

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Natural
Head type: Cap head
Internal drive: TX20
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





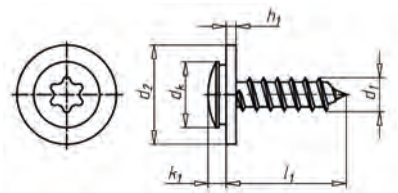
Art. No.	Length (l1)	Packaging unit (VPE)
0126 063 919	19.0 mm	500 PCS
0126 063 925	25.0 mm	500 PCS

Window sill screw with washer, self-tapping screw thread A2 TX

RAL 9010 pure white

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Pure white RAL 9010
Head type: Cap head
Internal drive: TX20
Colour: Pure white RAL 9010
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





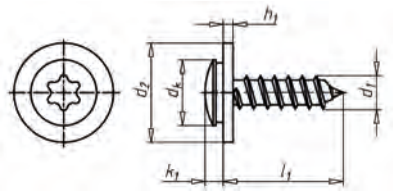
Art. No.	Length (l1)	Packaging unit (VPE)
0126 073 919	19.0 mm	500 PCS
0126 073 925	25.0 mm	500 PCS

Window sill screw with washer, self-tapping screw thread A2 TX

Silver grey RAL 7001

Diameter (d1): 3.9 mm
Length (l1): 25.0 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Silver grey RAL 7001
Head type: Cap head
Internal drive: TX20
Colour: Silver grey RAL 7001
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





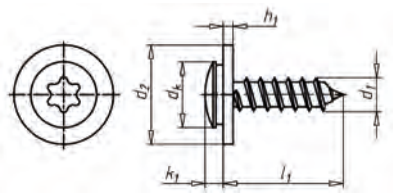
Art. No.	Packaging unit (VPE)
0126 083 925	500 PCS

Window sill screw with washer, self-tapping screw thread A2 TX

Anthracite grey RAL 7016

Diameter (d1): 3.9 mm
Length (l1): 25.0 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Anthracite grey RAL 7016
Head type: Cap head
Internal drive: TX20
Colour: Anthracite grey RAL 7016
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





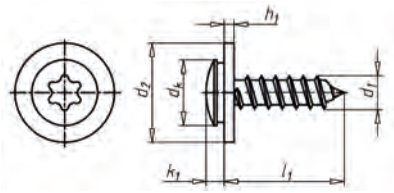
Art. No.	Packaging unit (VPE)
0126 093 925	500 PCS

Window sill screw with washer, self-tapping screw thread A2 TX

Burnished

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Brown
Head type: Cap head
Internal drive: TX20
Material of the washer: Polyamide
Material: Stainless steel A2
Surface: Burnished
Version: With washer
Thread type: Self-tapping screw thread
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





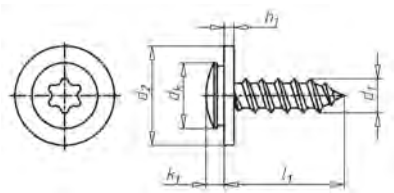
Art. No.	Length (l1)	Packaging unit (VPE)
0126 103 919	19.0 mm	500 PCS
0126 103 925	25.0 mm	500 PCS

Window sill screw with washer, coarse thread A2 TX

Natural

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Natural
Head type: Cap head
Internal drive: TX20
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





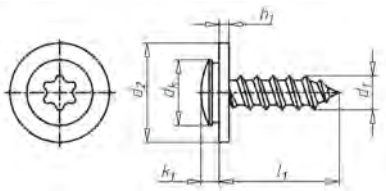
Art. No.	Length (l1)	Packaging unit (VPE)
0126 013 919	19.0 mm	500 PCS
0126 013 925	25.0 mm	500 PCS
0126 013 932	32.0 mm	500 PCS

Window sill screw with washer, coarse thread A2 TX

RAL 9010 pure white

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Pure white RAL 9010
Head type: Cap head
Internal drive: TX20
Colour: Pure white RAL 9010
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





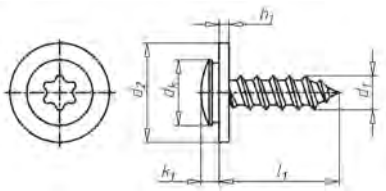
Art. No.	Length (l1)	Packaging unit (VPE)
0126 023 919	19.0 mm	500 PCS
0126 023 925	25.0 mm	500 PCS
0126 023 932	32.0 mm	500 PCS

Window sill screw with washer, coarse thread A2 TX

RAL 7001 silver grey

Diameter (d1): 3.9 mm
Length (l1): 25.0 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Silver grey RAL 7001
Head type: Cap head
Internal drive: TX20
Colour: Silver grey RAL 7001
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





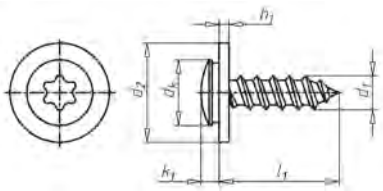
Art. No.	Packaging unit (VPE)
0126 033 925	500 PCS

Window sill screw with washer, coarse thread A2 TX

RAL 7016 anthracite grey

Diameter (d1): 3.9 mm
Length (l1): 25.0 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Anthracite grey RAL 7016
Head type: Cap head
Internal drive: TX20
Colour: Anthracite grey RAL 7016
Material of the washer: Polyamide
Material: Stainless steel A2
Version: With washer
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





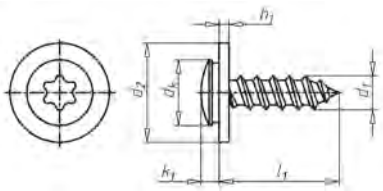
Art. No.	Packaging unit (VPE)
0126 043 925	500 PCS

Window sill screw with washer, coarse thread A2 TX

Burnished

Diameter (d1): 3.9 mm
Washer diameter (d2): 12.0 mm
Washer thickness (h1): 1.5 mm
Colour of disc: Brown
Head type: Cap head
Internal drive: TX20
Colour: 0 - not applicable
Material of the washer: Polyamide
Material: Stainless steel A2
Surface: Burnished
Version: With washer
Head height (k1): 2.6 mm
Head diameter (dk): 7.6 mm





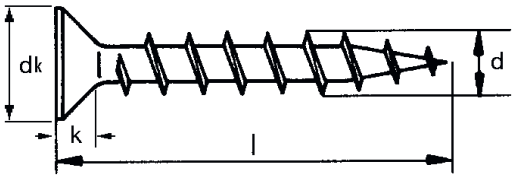
Art. No.	Length (l1)	Packaging unit (VPE)
0126 053 919	19.0 mm	500 PCS
0126 053 925	25.0 mm	500 PCS
0126 053 932	32.0 mm	500 PCS

Countersunk head window construction screw, galv

Field of Application:
For fastening mounting fittings, hinges or striking plates on plastic profiles. Can also be used on metal if pre-drilled.



Thread diameter (metric thread) (d): 4 mm
Head diameter (dk): 7.2 mm
Head height (k): 2.9 mm
Head type: Countersunk head
Internal drive: H2
Material: Steel
Surface: Galvanised



Art. No.	Length (l)	Packaging unit (VPE)
0185 140 19	19 mm	1000 PCS
0185 140 22	22 mm	1000 PCS
0185 140 25	25 mm	1000 PCS
0185 140 30	30 mm	1000 PCS
0185 140 35	35 mm	1000 PCS
0185 140 38	38 mm	500 PCS
0185 140 45	45 mm	500 PCS

Tamperproof bolt, galvanised, TX

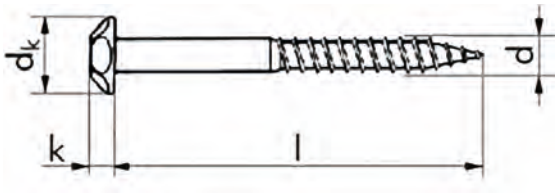
With plug screw thread

Product description:
For secure protection against break-in and theft when using:

- Security bars
- Covers
- Grilles
- All objects installed in publicly accessible buildings



Diameter (d): 7 mm
Head diameter (dk): 17 mm
Head height (k): 5.0 mm
Head type: Ornament head
Internal drive: TX40
Material: Steel
Surface: Galvanised
Property class: 5.8
Included in delivery (Lieferumfang): Each pack includes 25 metal cores and a TX 40 bit.



Art. No.	Length (l)	Packaging unit (VPE)
0265 27 85	85 mm	25 PCS
0265 27 105	105 mm	25 PCS
0265 27 120	120 mm	25 PCS

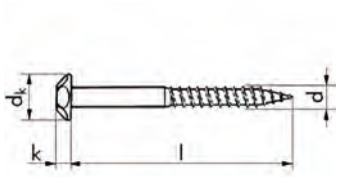
Tamperproof bolt, galvanised, TX

With wood screw thread

Product description:



- Security bars
- Covers
- Grilles
- All objects installed in publicly accessible buildings“
-



Head height (k): 5.0 mm
Head type: Ornament head
Internal drive: TX40
Material: Steel
Surface: Galvanised
Property class: 5.8
Included in delivery (Lieferumfang): Each pack includes 25 metal cores and a TX 40 bit.

Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Packaging unit (VPE)
0265 37 40	7 mm	40 mm	17 mm	25 PCS
0265 37 50	7 mm	50 mm	17 mm	25 PCS
0265 310 85	10 mm	85 mm	19 mm	25 PCS
0265 310 105	10 mm	105 mm	19 mm	25 PCS

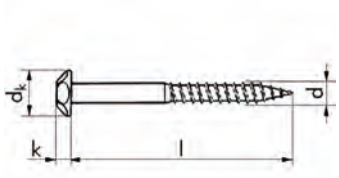
Tamperproof bolt, A2, TX

With plug screw thread

Product description:
For secure protection against break-in and theft when using:



- Security bars
- Covers
- Grilles
- All objects installed in publicly accessible buildings



Diameter (d): 7 mm
Head diameter (dk): 17 mm
Head height (k): 5.0 mm
Head type: Ornament head
Internal drive: TX40
Material: Stainless steel A2
Included in delivery (Lieferumfang): Each pack includes 25 metal cores and a TX 40 bit.

Art. No.	Length (l)	Packaging unit (VPE)
0266 57 85	85 mm	25 PCS
0266 57 105	105 mm	25 PCS

Tamperproof bolt, A2, TX

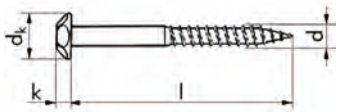
With wood screw thread

Product description:
For secure protection against break-in and theft when using:

- Security bars
- Covers
- Grilles
- All objects installed in publicly accessible buildings



Head height (k): 5.0 mm
Head type: Ornament head
Internal drive: TX40
Material: Stainless steel A2
Included in delivery (Lieferumfang): Each pack includes 25 metal cores and a TX 40 bit.



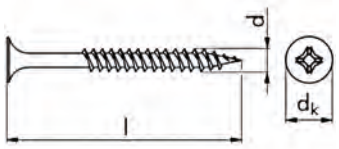
Art. No.	Diameter (d)	Length (l)	Head diameter (dk)	Packaging unit (VPE)
0266 67 50	7 mm	50 mm	17 mm	25 PCS
0266 610 85	10 mm	85 mm	19 mm	25 PCS

Drywall screws, double-start thread TMN EN 14566, phosphated, class 48

Field of Application:
For mounting plasterboard (sheetrock) onto metal supports ≤ 0.7 mm thick. The bugle head can be sunk into the board until flush; good contact pressure is achieved.



Head type: Bugle head
Internal drive: H2
Material: Steel
Surface: Phosphated



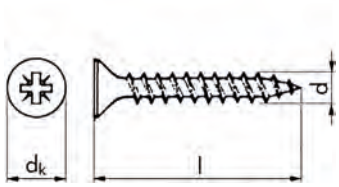
Art. No.	Nominal diameter (d)	Length (l)	Head diameter (dk)	Packaging unit (VPE)
0189 036 25	3.6 mm	25 mm	8.4 mm	1000 PCS
0189 036 35	3.6 mm	35 mm	8.4 mm	1000 PCS
0189 036 45	3.6 mm	45 mm	8.4 mm	1000 PCS
0189 039 25	3.9 mm	25 mm	8.5 mm	1000 PCS
0189 039 35	3.9 mm	35 mm	8.5 mm	1000 PCS
0189 039 45	3.9 mm	45 mm	8.5 mm	1000 PCS
0189 039 55	3.9 mm	55 mm	8.5 mm	1000 PCS
0189 039 65	3.9 mm	65 mm	8.5 mm	500 PCS
0189 04 75	4 mm	75 mm	8.5 mm	500 PCS
0189 05 90	5 mm	90 mm	8.5 mm	500 PCS
0189 05 120	5 mm	120 mm	8.5 mm	250 PCS

Drywall screws, single-start thread THN (coarse thread) EN 14566 phosphated, class 48

Field of Application:
For mounting plasterboard onto wooden substructures.

Head diameter (dk): 8.5 mm
Head type: Bugle head
Internal drive: H2
Material: Steel
Surface: Phosphated





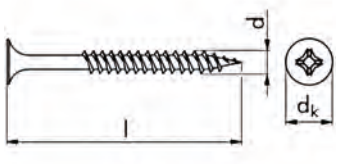
Art. No.	Nominal diameter (d)	Length (l)	Packaging unit (VPE)
0189 39 25	3.9 mm	25 mm	1000 PCS
0189 39 30	3.9 mm	30 mm	1000 PCS
0189 39 35	3.9 mm	35 mm	1000 PCS
0189 39 40	3.9 mm	40 mm	1000 PCS
0189 39 45	3.9 mm	45 mm	1000 PCS
0189 39 55	3.9 mm	55 mm	1000 PCS
0189 4 75	4 mm	75 mm	500 PCS
0189 5 90	5 mm	90 mm	250 PCS

Drywall screws for fibreboard UUN, with milling head, EN 14566 phosphated, class 48

Field of Application:
For mounting cemented fibreboard. Suitable for wooden substructures and metal supports ≤ 0.7 mm thick due to the HiLo thread. Milling ribs on the head ensure the screws are automatically countersunk into the fibreboard sheets.

Nominal diameter (d): 3.9 mm
Head diameter (dk): 7.2 mm
Head type: Milling head
Internal drive: H2
Material: Steel
Surface: Phosphated
Thread design: Full thread
Thread format: Hilo, double thread





Art. No.	Length (l)	Packaging unit (VPE)
0189 139 19	19 mm	1000 PCS
0189 139 22	22 mm	1000 PCS
0189 139 30	30 mm	1000 PCS
0189 139 45	45 mm	500 PCS
0189 139 65	65 mm	500 PCS

Plasterboard screws for profile connection UUN EN 14566 phosphated, class 48

Field of Application:
For connecting U-profiles, C-supports and other metal profiles on substructures up to 1 mm material thickness per component.

Nominal diameter (d): 3.5 mm
Length (l): 13 mm
Head diameter (dk): 8 mm
Head type: Cheese head
Internal drive: H2
Material: Steel
Surface: Phosphated



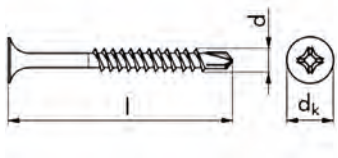
Art. No.	Packaging unit (VPE)
0189 335 13	1000 PCS

Drywall screws with drilling tip TSD EN 14566, phosphated, class 48

Field of Application:
For mounting plasterboard onto metal supports ≤ 2 mm thick.

Nominal diameter (d): 3.5 mm
Head diameter (dk): 8.5 mm
Head type: Bugle head
Internal drive: H2
Material: Steel
Surface: Phosphated





Art. No.	Length (l)	Packaging unit (VPE)
0189 35 25	25 mm	1000 PCS
0189 35 35	35 mm	1000 PCS
0189 35 45	45 mm	500 PCS
0189 35 55	55 mm	500 PCS

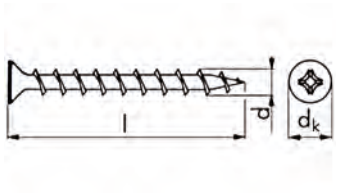
Plasterboard screw, phosphated

Field of Application:
For screwing plasterboard panels onto one another.

Nominal diameter (d): 5.5 mm
Length (l): 38 mm
Head diameter (dk): 8 mm
Head type: Countersunk head



Internal drive: H2
Material: Steel
Surface: Phosphated

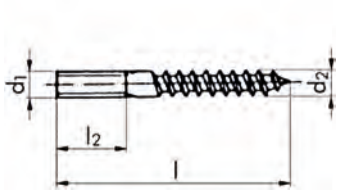


Art. No.	Packaging unit (VPE)
0189 655 38	1000 PCS

Stud screws, A2

Material: Stainless steel A2



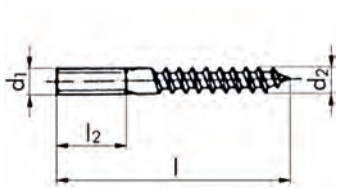


Art. No.	Connection thread (d1)	Length (l)	Thread length (metric thread) (l2)	Thread diameter (thread for wood-work) (d2)	Width across flats	Packaging unit (VPE)
5865 6 50	M6	50 mm	15 mm	6 mm		100 PCS
5865 6 60	M6	60 mm	20 mm	6 mm		100 PCS
5865 6 80	M6	80 mm	30 mm	6 mm		100 PCS
5865 6 120	M6	120 mm	50 mm	6 mm		100 PCS
5865 8 50	M8	50 mm	15 mm	8 mm	6 mm	100 PCS
5865 8 60	M8	60 mm	20 mm	8 mm	6 mm	100 PCS
5865 8 80	M8	80 mm	30 mm	8 mm	6 mm	100 PCS
5865 8 100	M8	100 mm	40 mm	8 mm	6 mm	100 PCS
5865 8 120	M8	120 mm	50 mm	8 mm	6 mm	100 PCS
5865 8 140	M8	140 mm	50 mm	8 mm	6 mm	100 PCS
5865 8 160	M8	160 mm	50 mm	8 mm	6 mm	100 PCS
5865 8 180	M8	180 mm	50 mm	8 mm	6 mm	50 PCS
5865 8 200	M8	200 mm	50 mm	8 mm	6 mm	50 PCS
5865 10 80	M10	80 mm	30 mm	10 mm	8 mm	100 PCS
5865 10 100	M10	100 mm	30 mm	10 mm	8 mm	100 PCS
5865 10 120	M10	120 mm	50 mm	10 mm	8 mm	100 PCS
5865 10 140	M10	140 mm	50 mm	10 mm	8 mm	50 PCS
5865 10 160	M10	160 mm	50 mm	10 mm	8 mm	50 PCS
5865 10 180	M10	180 mm	50 mm	10 mm	8 mm	50 PCS
5865 10 200	M10	200 mm	50 mm	10 mm	8 mm	50 PCS

Stud screw, 4.8, galvanised

Material: Steel
Surface: Galvanised
Property class: 4.8





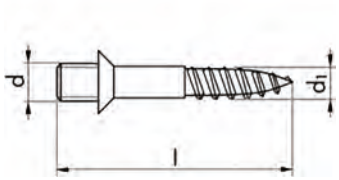
Art. No.	Connection thread (d1)	Length (l)	Thread length (metric thread) (l2)	Thread diameter (thread for woodwork) (d2)	Internal drive	Width across flats	Packaging unit (VPE)
0232 96 50	M6	50 mm	15 mm	6 mm	TX15		100 PCS
0232 96 60	M6	60 mm	20 mm	6 mm	TX15		100 PCS
0232 98 50	M8	50 mm	15 mm	8 mm	TX25	6 mm	100 PCS
0232 98 60	M8	60 mm	20 mm	8 mm	TX25	6 mm	100 PCS
0232 98 80	M8	80 mm	30 mm	8 mm	TX25	6 mm	100 PCS
0232 98 100	M8	100 mm	40 mm	8 mm	TX25	6 mm	100 PCS
0232 98 120	M8	120 mm	50 mm	8 mm	TX25	6 mm	100 PCS
0232 98 140	M8	140 mm	50 mm	8 mm	TX25	6 mm	50 PCS
0232 98 160	M8	160 mm	50 mm	8 mm	TX25	6 mm	50 PCS
0232 98 180	M8	180 mm	50 mm	8 mm	TX25	6 mm	50 PCS
0232 98 200	M8	200 mm	50 mm	8 mm	TX25	6 mm	50 PCS
0232 98 220	M8	220 mm	50 mm	8 mm	TX25	6 mm	50 PCS
0232 910 60	M10	60 mm	20 mm	10 mm	TX25	8 mm	50 PCS
0232 910 80	M10	80 mm	30 mm	10 mm	TX25	8 mm	50 PCS
0232 910 100	M10	100 mm	30 mm	10 mm	TX25	8 mm	50 PCS
0232 910 120	M10	120 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 910 140	M10	140 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 910 160	M10	160 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 910 180	M10	180 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 910 200	M10	200 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 910 220	M10	220 mm	50 mm	10 mm	TX25	8 mm	50 PCS
0232 912 100	M12	100 mm	40 mm	12 mm	TX30	10 mm	50 PCS



Shoulder screw with wood thread, galvanised

Material: Steel
Surface: Galvanised
Thread type: Metric thread

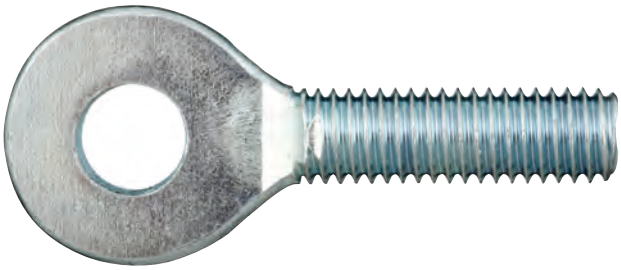


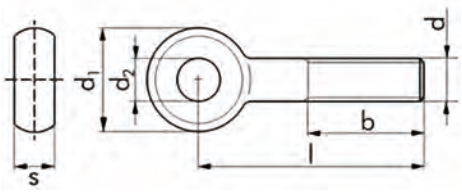


Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread diameter (thread for woodwork) (d1)	Nominal diameter	Packaging unit (VPE)
0234 16 50	M6	50 mm	4 mm	6 mm	100 PCS
0234 18 60	M8	60 mm	6 mm	8 mm	100 PCS

Eye bolt with metric thread, 4.8, galvanised

Material: Steel
Surface: Galvanised
Thread type: Metric thread



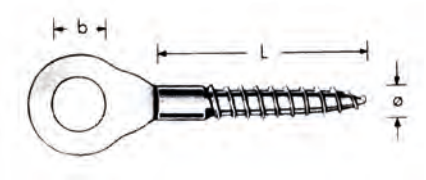


Art. No.	Thread type x nominal diameter (d)	Length (l)	Thread length (metric thread) (b)	Internal diameter (d2)	Outer diameter (d1)	Thickness (s)	Nominal diameter	Packaging unit (VPE)
0234 6 20	M6	36 mm	20 mm	6 mm	14 mm	7 mm	6 mm	100 PCS
0234 6 60	M6	76 mm	60 mm	6 mm	14 mm	7 mm	6 mm	100 PCS
0234 8 25	M8	48 mm	25 mm	8 mm	18 mm	9 mm	8 mm	100 PCS
0234 8 45	M8	70 mm	45 mm	8 mm	18 mm	9 mm	8 mm	100 PCS
0234 10 45	M10	72 mm	45 mm	10 mm	20 mm	12 mm	10 mm	50 PCS

Eyelet screw with wood screw thread, galvanised

Material: Steel
Surface: Galvanised
Thread type: Wood screw thread



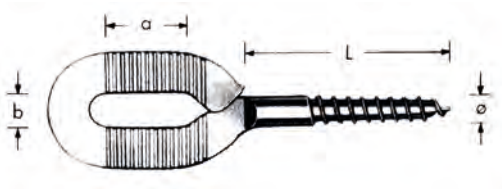


Art. No.	Diameter (Ø)	Length (L)	Diameter of hole (b)	Packaging unit (VPE)
0234 06 40	6 mm	40 mm	8.5 mm	100 PCS
0234 088 70	8.8 mm	70 mm	11.5 mm	100 PCS

Elongated hole screw with wood screw thread, galvanised

Diameter (Ø): 6 mm
Length (L): 50 mm
Max. hole distance (a): 10 mm
Min. hole distance (b): 6.5 mm
Material: Steel
Surface: Galvanised
Thread type: Wood screw thread





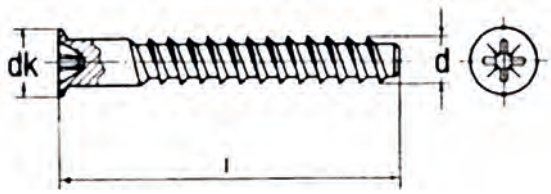
Art. No.	Packaging unit (VPE)
0234 96 50	100 PCS

Countersunk head corner connection screw, galvanised

Diameter (d): 7 mm
Head diameter (dk): 10 mm
Internal drive: Z3
Material: Steel



Surface: Galvanised
Version: With head hole
Suitable for: Drilled head hole Ø 3 mm

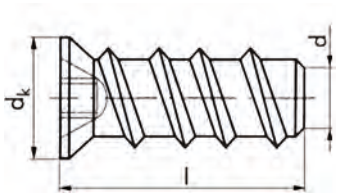


Art. No.	Length (l)	Packaging unit (VPE)
0276 7 50	50 mm	500 PCS
0276 7 70	70 mm	250 PCS

Countersunk-head euro screw, nickel-plated

Diameter (d): 6.3 mm
Head diameter (dk): 7.4 mm
Head type: Countersunk head
Internal drive: Z2
Material: Steel
Surface: Nickel-plated



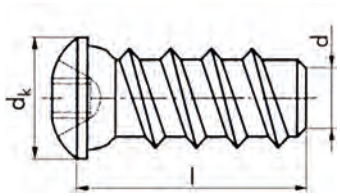


Art. No.	Length (l)	Packaging unit (VPE)
0276 063 10	11 mm	200 PCS
0276 063 15	14 mm	200 PCS

Raised countersunk head euro screw, nickel-plated

Diameter (d): 6.3 mm
Length (l): 18 mm
Head diameter (dk): 9 mm
Head type: Countersunk oval head
Internal drive: Z2
Material: Steel
Surface: Nickel-plated





Art. No.	Packaging unit (VPE)
0276 063 181	1000 PCS

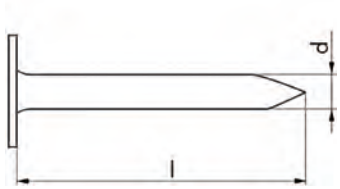
Roofing and slate nails, hot-dip galvanised

Clout nail with flat head

Field of Application:
For nailing roofing felt, roof slates etc.

Diameter (d): 2.8 mm
Weight per packaging unit: 1.0 kg
Material: Steel
Surface: Hot-dip galvanised





Art. No.	Length (l)	Packaging unit (VPE)
0477 328 251	25 mm	1 PCS
0477 328 301	30 mm	1 PCS
0477 328 351	35 mm	1 PCS

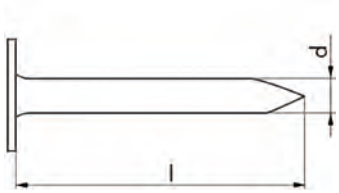
Roofing and slate nail, copper

Clout nail with flat head

Field of Application:
For nailing roofing felt, roof slates etc.

Diameter (d): 2.8 mm
Weight per packaging unit: 1.0 kg
Material: Copper
Surface: Bare

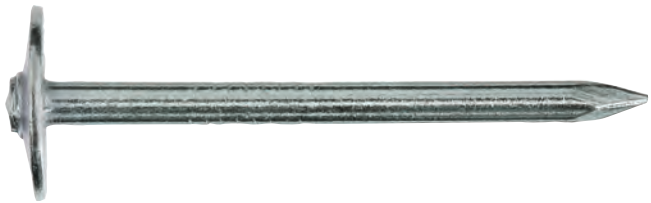




Art. No.	Length (l)	Packaging unit (VPE)
0477 428 251	25 mm	1 PCS
0477 428 351	35 mm	1 PCS

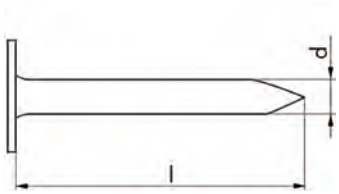
Steel nail with washer head, galvanised

Advantages:
- No pre-drilling
- No searching for joints
- Direct processing in stone, concrete, masonry, timber frame, hardwood etc.



Field of Application:
- Securing sheet metal to concrete and brick
- Attaching roof panels for cladding
- Securing gutters
- Nailing oak
- All types of boarding

Diameter (d): 3.5 mm
Head type: Disc head
Material: Steel
Surface: Galvanised



Art. No.	Length (l)	Packaging unit (VPE)
0478 35 25	25 mm	250 PCS
0478 35 30	30 mm	250 PCS
0478 35 35	35 mm	250 PCS
0478 35 40	40 mm	250 PCS
0478 35 50	50 mm	250 PCS
0478 35 60	60 mm	250 PCS
0478 35 70	70 mm	125 PCS
0478 35 80	80 mm	125 PCS

Steel nail with deep countersunk head, galvanised

Head type: Countersunk head
Material: Steel
Surface: Galvanised





Art. No.	Diameter (d)	Length (l)	Packaging unit (VPE)
0479 35 45	3.5 mm	45 mm	250 PCS
0479 35 55	3.5 mm	55 mm	250 PCS
0479 35 65	3.5 mm	65 mm	250 PCS
0479 35 75	3.5 mm	75 mm	250 PCS
0479 45 50	4.5 mm	50 mm	250 PCS
0479 45 60	4.5 mm	60 mm	250 PCS
0479 45 70	4.5 mm	70 mm	250 PCS
0479 45 80	4.5 mm	80 mm	250 PCS
0479 45 90	4.5 mm	90 mm	250 PCS
0479 45 100	4.5 mm	100 mm	250 PCS

Screw nail, galvanised

Diameter: 5 mm
Material: Steel
Surface: Galvanised

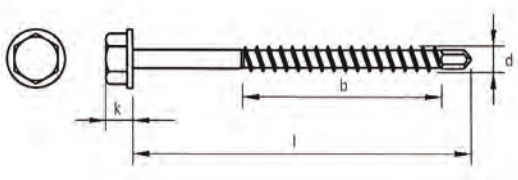


Art. No.	Length (l)	Packaging unit (VPE)
0478 5 60	60 mm	100 PCS
0478 5 80	80 mm	100 PCS
0478 5 100	100 mm	100 PCS

sebS hexagon-head self-drilling screw for roofing, RUSPERT®

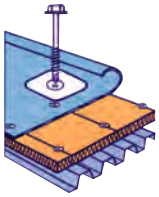
Diameter (d): 4.8 mm
Max. drilling capacity: 2.5 mm
Head diameter (dk): 10.5 mm
Head height (k): 4.3 mm
Drill tip length: 4.5 mm
External drive: WS8





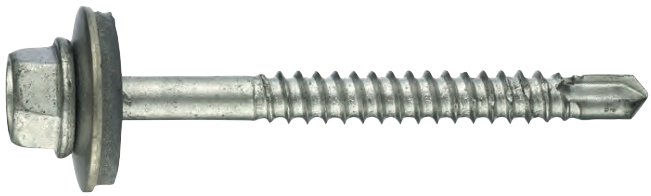
Art. No.	Diameter x length	Length (l)	Thread length (thread for wood-work) (b)	Packaging unit (VPE)
0217 148 80	4.8 x 80 mm	80 mm	50 mm	250 PCS
0217 148 100	4.8 x 100 mm	100 mm	75 mm	250 PCS

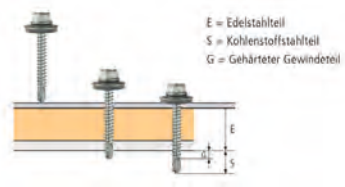
Art. No.	Diameter x length	Length (l)	Thread length (thread for wood-work) (b)	Packaging unit (VPE)
0217 148 120	4.8 x 120 mm	120 mm	75 mm	300 PCS
0217 148 140	4.8 x 140 mm	140 mm	75 mm	300 PCS
0217 148 160	4.8 x 160 mm	160 mm	75 mm	200 PCS
0217 148 180	4.8 x 180 mm	180 mm	75 mm	200 PCS
0217 148 200	4.8 x 200 mm	200 mm	75 mm	200 PCS

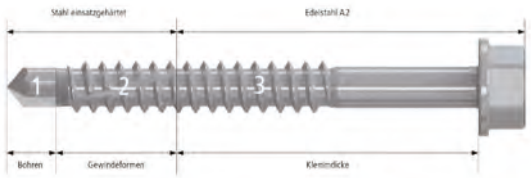


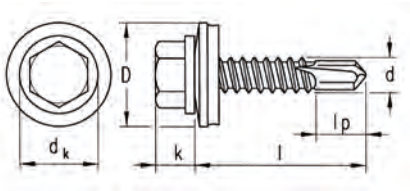
sebSta hexagon-head drilling screw, bimetal, A2/steel, RUSPERT®











Art. No.	Diameter x length	Length (l)	Drill tip length (lp)	Diameter (d)	Head diameter (dk)	Head height (k)	Washer diameter (D)	Packaging unit (VPE)
0214 804 225	4.2 x 25 mm	25 mm	4.5 mm	4.2 mm	8.8 mm	4.1 mm	16 mm	200 PCS
0214 804 232	4.2 x 32 mm	32 mm	4.5 mm	4.2 mm	8.8 mm	4.1 mm	16 mm	200 PCS
0214 804 238	4.2 x 38 mm	38 mm	4.5 mm	4.2 mm	8.8 mm	4.1 mm	16 mm	200 PCS
0214 804 825	4.8 x 25 mm	25 mm	5 mm	4.8 mm	10.5 mm	5.4 mm	16 mm	200 PCS

Art. No.	Diameter x length	Length (l)	Drill tip length (lp)	Diameter (d)	Head diameter (dk)	Head height (k)	Washer diameter (D)	Packaging unit (VPE)
0214 804 832	4.8 x 32 mm	32 mm	5 mm	4.8 mm	10.5 mm	5.4 mm	16 mm	200 PCS
0214 804 838	4.8 x 38 mm	38 mm	5 mm	4.8 mm	10.5 mm	5.4 mm	16 mm	200 PCS
0214 804 850	4.8 x 50 mm	50 mm	5 mm	4.8 mm	10.5 mm	5.4 mm	16 mm	100 PCS
0214 805 525	5.5 x 26 mm	26 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	16 mm	200 PCS
0214 805 532	5.5 x 32 mm	32 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	16 mm	200 PCS
0214 805 538	5.5 x 38 mm	38 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	16 mm	200 PCS
0214 805 550	5.5 x 50 mm	50 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	16 mm	100 PCS
0214 806 325	6.3 x 25 mm	25 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	200 PCS
0214 846 325	6.3 x 27 mm	27 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	200 PCS
0214 806 332	6.3 x 32 mm	32 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	200 PCS
0214 846 332	6.3 x 32 mm	32 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	200 PCS
0214 806 338	6.3 x 38 mm	38 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	200 PCS
0214 846 338	6.3 x 38 mm	38 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	200 PCS
0214 806 350	6.3 x 50 mm	50 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	100 PCS
0214 846 350	6.3 x 50 mm	50 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	100 PCS
0214 806 360	6.3 x 60 mm	60 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 360	6.3 x 60 mm	60 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 806 370	6.3 x 70 mm	70 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 370	6.3 x 70 mm	70 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 806 385	6.3 x 85 mm	85 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 385	6.3 x 85 mm	85 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 806 310	6.3 x 100 mm	100 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 310	6.3 x 100 mm	100 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 806 311	6.3 x 115 mm	115 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 311	6.3 x 115 mm	115 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 806 313	6.3 x 130 mm	130 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	16 mm	50 PCS
0214 846 313	6.3 x 130 mm	130 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 846 315	6.3 x 150 mm	150 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS
0214 846 317	6.3 x 175 mm	175 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	22 mm	50 PCS

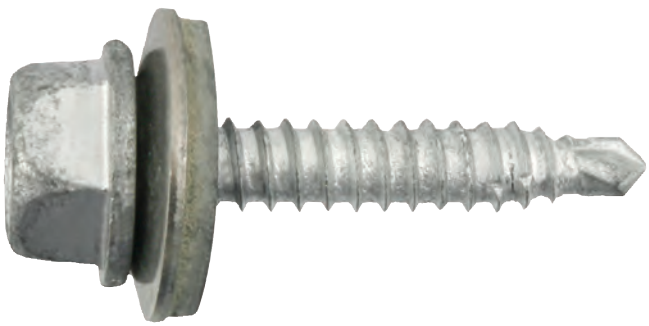


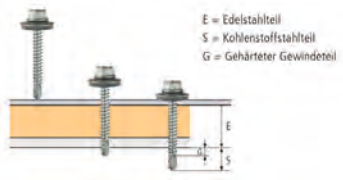


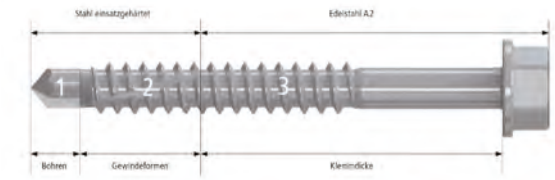
sebSta hexagon head drilling screw similar to DIN 7504-K bimetal A2/ steel RUSPERT®

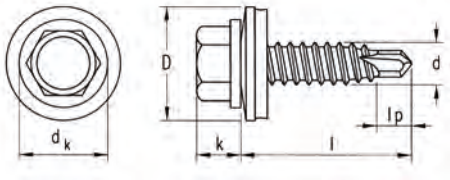
Drill tip length (lp): 4.5 mm
Washer diameter (D): 16 mm



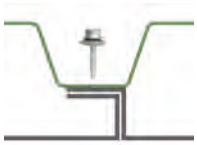








Art. No.	Diameter x length	Length (l)	Diameter (d)	Head diameter (dk)	Head height (k)	Packaging unit (VPE)
0214 884 820	4.8 x 20 mm	20 mm	4.8 mm	10.5 mm	5.4 mm	200 PCS
0214 884 825	4.8 x 25 mm	25 mm	4.8 mm	10.5 mm	5.4 mm	200 PCS
0214 884 838	4.8 x 38 mm	38 mm	4.8 mm	10.5 mm	5.4 mm	200 PCS
0214 884 850	4.8 x 50 mm	50 mm	4.8 mm	10.5 mm	5.4 mm	100 PCS
0214 886 325	6.3 x 25 mm	25 mm	6.3 mm	13.5 mm	5.9 mm	200 PCS
0214 886 338	6.3 x 38 mm	38 mm	6.3 mm	13.5 mm	5.9 mm	200 PCS
0214 886 350	6.3 x 50 mm	50 mm	6.3 mm	13.5 mm	5.9 mm	100 PCS



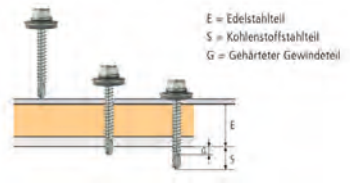


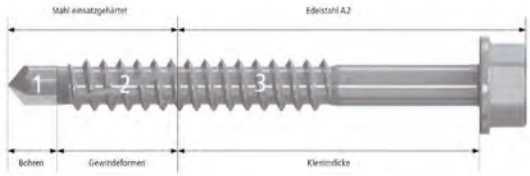


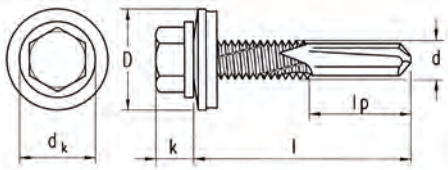
sebSta hexagon head drilling screw sim. to DIN 7504-K bimetal A2/ steel RUSPERT®

Diameter x length: 5.5 x 38 mm
Length (l): 38 mm
Drill tip length (lp): 13.5 mm
Diameter (d): 5.5 mm
Head diameter (dk): 11 mm
Head height (k): 5.2 mm
Washer diameter (D): 19 mm

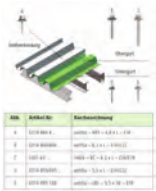








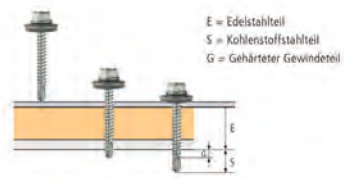
Art. No.	Packaging unit (VPE)
0214 895 538	200 PCS

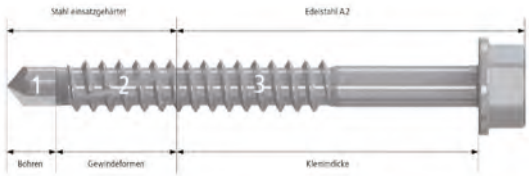


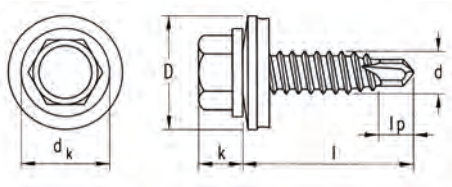
sebSta hexagon head drilling screw sim. to DIN 7504-K bimetal A2/ steel RUSPERT®

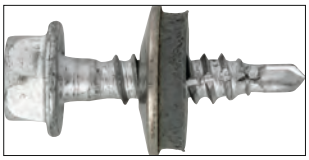
Head diameter (dk): 10.5 mm
Head height (k): 5.0 mm
Washer diameter (D): 14 mm



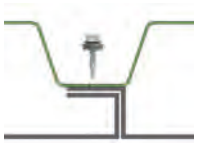








Art. No.	Diameter x length	Length (l)	Drill tip length (lp)	Diameter (d)	Packaging unit (VPE)
0214 954 822	4.8 x 22 mm	22 mm	3.5 mm	4.8 mm	500 PCS
0214 955 525	5.5 x 26 mm	26 mm	4.5 mm	5.5 mm	500 PCS







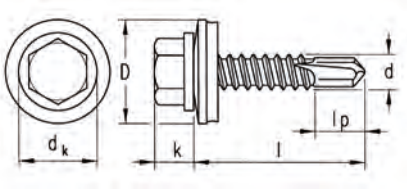
sebS hexagon-head drilling screw with sealing washer, galvanised

Advice:
Connection elements with corrosion protection (e.g. due to galvanisation) that are specified in the approval may only be used where the connection elements are not expected to become damp. In general, this applies to the inner shells of multiple-layered
roof and wall structures, in dry, predominantly enclosed spaces
as well as single-layered, unventilated roof structures with upper heat insulation and ceiling systems above dry, predominantly enclosed spaces.

Washer diameter (D): 19 mm







Art. No.	Diameter x length	Length (l)	Drill tip length (lp)	Diameter (d)	Head diameter (dk)	Head height (k)	Max. drilling capacity	External drive	Packaging unit (VPE)
0214 748 199	4.8 x 19 mm	19 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	300 PCS
0214 748 259	4.8 x 25 mm	25 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	200 PCS
0214 748 309	4.8 x 30 mm	30 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	200 PCS
0214 748 409	4.8 x 40 mm	40 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	200 PCS
0214 748 509	4.8 x 50 mm	50 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	100 PCS
0214 748 609	4.8 x 60 mm	60 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	50 PCS
0214 748 709	4.8 x 70 mm	70 mm	5 mm	4.8 mm	10.5 mm	4.3 mm	4.4 mm	WS8	50 PCS
0214 755 199	5.5 x 19 mm	19 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	5.25 mm	WS8	300 PCS
0214 755 259	5.5 x 25 mm	25 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	5.25 mm	WS8	200 PCS
0214 755 309	5.5 x 30 mm	30 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	5.25 mm	WS8	200 PCS
0214 755 409	5.5 x 40 mm	40 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	5.25 mm	WS8	100 PCS
0214 755 509	5.5 x 50 mm	50 mm	6.5 mm	5.5 mm	11 mm	5.4 mm	5.25 mm	WS8	100 PCS
0214 763 199	6.3 x 19 mm	19 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	300 PCS
0214 763 259	6.3 x 25 mm	25 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	200 PCS
0214 763 309	6.3 x 30 mm	30 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	200 PCS
0214 763 359	6.3 x 35 mm	35 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	200 PCS
0214 763 459	6.3 x 45 mm	45 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	100 PCS
0214 763 509	6.3 x 50 mm	50 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	100 PCS
0214 763 709	6.3 x 70 mm	70 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	50 PCS
0214 763 809	6.3 x 80 mm	80 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	50 PCS
0214 763 909	6.3 x 90 mm	90 mm	7.5 mm	6.3 mm	13.5 mm	6.4 mm	6.0 mm	WS10	50 PCS



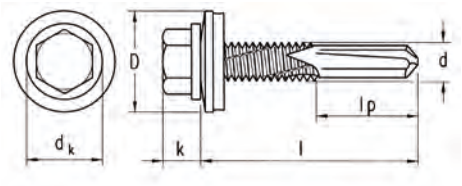


sebS drilling screw, hexagon head with long drill tip, similar to DIN 7504-K galv.

Advice:
Connection elements with corrosion protection (e.g. due to galvanisation) that are specified in the approval may only be used where the connection elements are not expected to become damp. In general, this applies to the inner shells of multiple-layered
roof and wall structures, in dry, predominantly enclosed spaces
as well as single-layered, unventilated roof structures with upper heat insulation and ceiling systems above dry, predominantly enclosed spaces.



Diameter x length: 5.5 x 38 mm
Length (l): 38 mm
Drill tip length (lp): 13.5 mm
Diameter (d): 5.5 mm
Head diameter (dk): 11 mm
Head height (k): 5.4 mm
Washer diameter (D): 19 mm
Max. drilling capacity: 12.0 mm
External drive: WS8

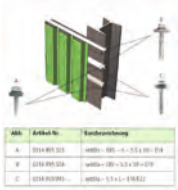


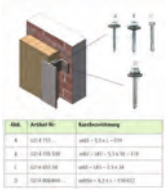


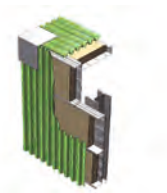
Art. No.	Packaging unit (VPE)
0214 705 538	200 PCS





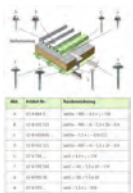










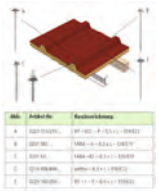


Façade construction screw, type A, A2, with sealing washer 16 mm

Head diameter: 13.5 mm
Head height: 4.5 mm
External drive: WS1 3/8



Art. No.	Diameter x length	Thread length (thread for woodwork)	Washer diameter	Min./max. grip range (steel)	Grip length (steel)	Grip length (wood)	Packaging unit (VPE)
0201 065 19	6.5 x 19 mm	19 mm	16.0 mm		9 mm		300 PCS
0201 065 25	6.5 x 25 mm	25 mm	16.0 mm		15 mm		200 PCS
0201 065 32	6.5 x 32 mm	32 mm	16.0 mm		22 mm	2 mm	200 PCS
0201 065 38	6.5 x 38 mm	38 mm	16.0 mm		28 mm	8 mm	200 PCS
0201 065 45	6.5 x 45 mm	45 mm	16.0 mm		35 mm	15 mm	100 PCS
0201 065 50	6.5 x 50 mm	50 mm	16.0 mm		40 mm	20 mm	100 PCS
0201 065 64	6.5 x 64 mm	64 mm	16.0 mm		54 mm	34 mm	100 PCS
0201 065 75	6.5 x 75 mm	75 mm	16.0 mm		65 mm	45 mm	50 PCS
0201 065 90	6.5 x 90 mm	70 mm	16.0 mm	25-80 mm		60 mm	50 PCS
0201 065 100	6.5 x 100 mm	70 mm	19.0 mm	35-90 mm		70 mm	50 PCS
0201 065 115	6.5 x 115 mm	70 mm	19.0 mm	50-105 mm		85 mm	50 PCS
0201 065 130	6.5 x 130 mm	70 mm	19.0 mm	65-120 mm		100 mm	50 PCS
0201 065 150	6.5 x 150 mm	70 mm	19.0 mm	85-140 mm		120 mm	50 PCS
0201 065 175	6.5 x 175 mm	70 mm	19.0 mm	110-165 mm		145 mm	50 PCS







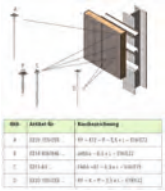
Façade construction screw, type BZ, A2, with sealing washer 16 mm

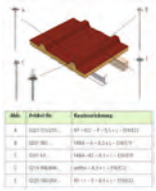
Head diameter: 13.5 mm
Head height: 4.5 mm
External drive: WS1 3/8



Art. No.	Diameter x length	Washer diameter	Min./max. grip range	Packaging unit (VPE)
0201 63 19	6.3 x 19 mm	16 mm		300 PCS
0201 63 25	6.3 x 25 mm	16 mm		200 PCS
0201 63 32	6.3 x 32 mm	16 mm		200 PCS
0201 63 38	6.3 x 38 mm	16 mm		200 PCS

Art. No.	Diameter x length	Washer diameter	Min./max. grip range	Packaging unit (VPE)
0201 63 45	6.3 x 45 mm	16 mm		100 PCS
0201 63 50	6.3 x 50 mm	16 mm		100 PCS
0201 63 64	6.3 x 64 mm	16 mm		100 PCS
0201 63 75	6.3 x 75 mm	16 mm		50 PCS
0201 63 90	6.3 x 90 mm	16 mm	25-80 mm	50 PCS
0201 63 100	6.3 x 100 mm	19 mm	30-90 mm	50 PCS
0201 63 115	6.3 x 115 mm	19 mm	50-105 mm	50 PCS
0201 63 130	6.3 x 130 mm	19 mm	65-120 mm	50 PCS
0201 63 150	6.3 x 150 mm	19 mm	85-140 mm	50 PCS



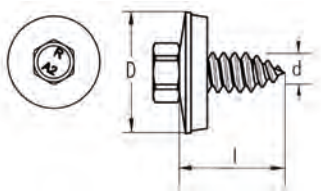




Repair screw, type A, A2, with sealing washer, 19 mm

Diameter x length: 7.2 x 19 mm
Head diameter: 13.5 mm
Head height: 4.5 mm
Washer diameter: 19 mm
External drive: WS1 3/8





Art. No.	Packaging unit (VPE)
0201 072 19	50 PCS

Façade construction screw, type A, galvanised, with sealing washer, 16 mm

Head diameter: 13.5 mm
Head height: 4.5 mm
Washer diameter: 16 mm
External drive: WS1 3/8



Art. No.	Diameter x length	Thread length (thread for woodwork)	Packaging unit (VPE)
0200 065 19	6.5 x 19 mm	19 mm	300 PCS
0200 065 25	6.5 x 25 mm	25 mm	200 PCS
0200 065 32	6.5 x 32 mm	32 mm	200 PCS
0200 065 38	6.5 x 38 mm	38 mm	200 PCS
0200 065 50	6.5 x 50 mm	50 mm	100 PCS
0200 065 64	6.5 x 64 mm	64 mm	100 PCS
0200 065 90	6.5 x 90 mm	70 mm	50 PCS

Façade construction screw, type BZ, galvanised, with sealing washer, 16 mm

Head diameter: 13.5 mm
Head height: 4.5 mm
Washer diameter: 16 mm
External drive: WS1 3/8

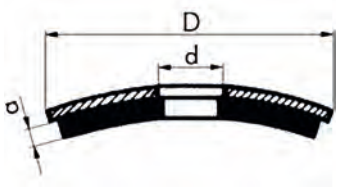


Art. No.	Diameter x length	Packaging unit (VPE)
0200 63 19	6.3 x 19 mm	300 PCS
0200 63 25	6.3 x 25 mm	200 PCS
0200 63 32	6.3 x 32 mm	200 PCS
0200 63 38	6.3 x 38 mm	200 PCS
0200 63 50	6.3 x 50 mm	100 PCS
0200 63 64	6.3 x 64 mm	100 PCS
0200 63 90	6.3 x 90 mm	50 PCS

Sealing washers for façade drill screws and façade construction screws

Internal diameter (d): 6.3 mm
Thickness (a): 2.0 mm
Suitable for screw: Diameter 6.3 mm, Diameter 6.5 mm





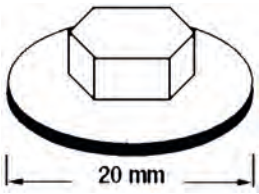
Art. No.	Outer diameter (D)	Material	Surface of the sealing washer	Packaging unit (VPE)
0201 16	16 mm	Stainless steel A2	Bare	500 PCS
0200 16	16 mm	Steel	Galvanised	500 PCS
0201 19	19 mm	Stainless steel A2	Bare	500 PCS
0214 763	19 mm	Steel	Galvanised	50 PCS
0200 19	19 mm	Steel	Galvanised	500 PCS
0201 22	22 mm	Stainless steel A2	Bare	500 PCS
0200 22	22 mm	Steel	Galvanised	500 PCS
0201 25	25 mm	Stainless steel A2	Bare	300 PCS
0201 29	29 mm	Stainless steel A2	Bare	300 PCS

Caps for façade construction screw

Advice:
Suitable for 3/8-inch FABA screws with a sealing washer diameter of 16 mm and 19 mm

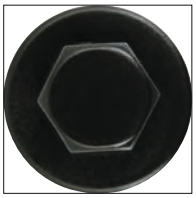
Cap diameter (D): 20 mm
Material: PE - Polyethylene



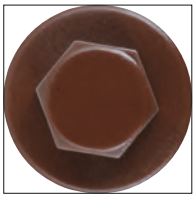












Art. No.	Colour	Packaging unit (VPE)
0202 900 216	Grey white RAL 9002	300 PCS
0202 900 516	Jet black RAL 9005	300 PCS
0202 703 516	Light grey RAL 7035	300 PCS
0202 801 116	Nut brown RAL 8011	300 PCS
0202 901 016	Pure white RAL 9010	300 PCS

Nylon dowel, RND Quattro

Increased hold with Quattro expansion

Advantages:
- For use with various screw diameters
- Resistant to chemicals
- The 4-way expansion guarantees maximum loads
- Resistant to rotting, weather and ageing
- The drive-in support allows the screw to be pre-mounted and prevents premature expansion of the dowel



Application area:
For securing pictures, letter boxes, façade structures, windows, curtain rails, towel holders, wall cupboards, cable conduits, lamps, metal brackets, shelving, pipe clamps, skirting boards, wall shelves etc. to concrete, lightweight concrete, solid brick, sand-lime brick, plaster, vertically perforated brick, aerated concrete, hollow sand-lime brick, false ceilings made from brick and concrete, hollow blocks, natural stone and other pressure-resistant solid materials, also for use outdoors or in wet rooms in conjunction with stainless steel screws

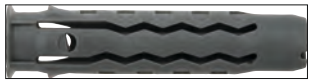
Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 305 025	RND Quattro 5	5.0 x 25.0 mm	5 mm	35 mm	M3	2.5 - 4 mm	5.0 mm	25.0 mm	200 PCS
0903 306 030	RND Quattro 6	6.0 x 30.0 mm	6 mm	40 mm	M4	3.5 - 5 mm	6.0 mm	30.0 mm	200 PCS
0903 308 040	RND Quattro 8	8.0 x 40.0 mm	8 mm	50 mm	M5	4.5 - 6 mm	8.0 mm	40.0 mm	100 PCS
0903 310 050	RND Quattro 10	10.0 x 50.0 mm	10 mm	70 mm	M6	6 - 8 mm	10.0 mm	50.0 mm	50 PCS
0903 312 060	RND Quattro 12	12.0 x 60.0 mm	12 mm	80 mm	M8	8 - 10 mm	12.0 mm	60.0 mm	25 PCS
0903 314 070	RND Quattro 14	14.0 x 70.0 mm	14 mm	90 mm	M10	10 - 12 mm	14.0 mm	70.0 mm	15 PCS

Nylon dowel, RND Quattro

Advantages:
- For use with various screw diameters
- Resistant to chemicals
- The 4-way expansion guarantees maximum loads
- Resistant to rotting, weather and ageing
- The drive-in support allows the screw to be pre-mounted and prevents premature expansion of the dowel
- The sturdy dispenser boxes can be stacked and are also suitable as storage containers



Application area:
For securing
pictures, letter boxes, façade structures, windows, curtain rails, towel holders, wall cupboards, cable conduits, lamps, metal brackets, shelving, pipe clamps, skirting boards, wall shelves etc.
to
concrete, lightweight concrete, solid brick, sand-lime brick, plaster, vertically perforated brick, aerated concrete, hollow sand-lime brick, false ceilings made from brick and concrete, hollow blocks, natural stone and other pressure-resistant solid materials, also for use outdoors or in wet rooms in conjunction with stainless steel screws



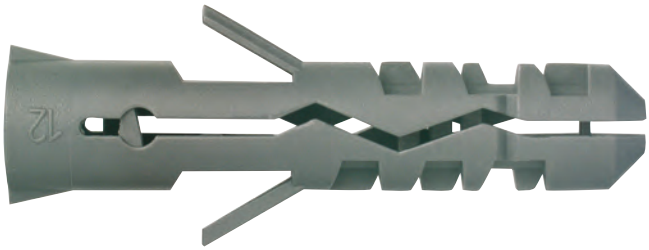
Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr. wood)	Number of anchors	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 306 031	RND Quattro 6	6 x 30 mm	6 mm	40 mm	M4	3.5 - 5 mm	2800	6 mm	30 mm	1 PCS
0903 308 041	RND Quattro 8	8 x 40 mm	8 mm	50 mm	M5	4.5 - 6 mm	800	8 mm	40 mm	1 PCS
0903 310 051	RND Quattro 10	10 x 50 mm	10 mm	70 mm	M6	6 - 8 mm	400	10 mm	50 mm	1 PCS

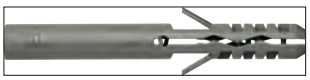
Nylon dowel, RND

For securing components using wood screws, particle board screws or metric screws

Advantages:

- High temperature resistance from -40°C to +100°C
- Chemical-resistant
- Pre-mounting and through-bolt mounting possible
- Can also be used with metric screws such as steel screws, threaded screws and threaded rods
- The drive-in support enables the screw to be pre-mounted and prevents the wall plug expanding prematurely
- Lateral braces prevent turning in the drill hole





Application area:

For securing
extractor hoods, aluminium and copper sheet, surface-mounted boxes, pictures, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, sand-lime brick, plaster, natural stone and other pressure-resistant solid materials, also for use outdoors or in wet rooms in conjunction with stainless steel screws.

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 004 20	RND 4	4 x 20 mm	4 mm	30 mm	M10	2 - 3 mm	4 mm	20 mm	200 PCS
0903 005 25	RND 5	5 x 25 mm	5 mm	35 mm	M3	2.5 - 4 mm	5 mm	25 mm	200 PCS
0903 006 30	RND 6	6 x 30 mm	6 mm	40 mm	M4	3.5 - 5 mm	6 mm	30 mm	200 PCS
0903 006 50	RND 6 L	6 x 50 mm	6 mm	60 mm	M4	3.5 - 5 mm	6 mm	50 mm	100 PCS
0903 007 35	RND 7	7 x 35 mm	7 mm	45 mm	M4	4.5 - 5 mm	7 mm	35 mm	100 PCS
0903 008 40	RND 8	8 x 40 mm	8 mm	50 mm	M5	4.5 - 6 mm	8 mm	40 mm	100 PCS
0903 008 60	RND 8 L	8 x 60 mm	8 mm	70 mm	M5	4.5 - 6 mm	8 mm	60 mm	50 PCS
0903 010 50	RND 10	10 x 50 mm	10 mm	60 mm	M6	6 - 8 mm	10 mm	50 mm	50 PCS
0903 012 60	RND 12	12 x 60 mm	12 mm	70 mm	M8	8 - 10 mm	12 mm	60 mm	25 PCS
0903 014 70	RND 14	14 x 70 mm	14 mm	80 mm	M10	10 - 12 mm	14 mm	70 mm	15 PCS
0903 016 80	RND 16	16 x 80 mm	16 mm	90 mm	M10	12 - 14 mm	16 mm	80 mm	10 PCS
0903 020 90	RND 20	20 x 90 mm	20 mm	100 mm	M14	16 mm	20 mm	90 mm	5 PCS

Nylon dowel, RND dispenser

For securing components using wood screws, particle board screws or metric screws

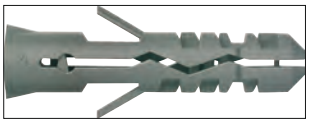
Advantages:

- High temperature resistance of -40°C to +100°C
- Resistant to chemicals
- Pre-mounting and push-through mounting possible
- Also for use with metric screws, such as steel screws, threaded screws and rods
- The drive-in support allows the screw to be pre-mounted and prevents premature expansion of the dowel
- The lateral struts prevent rotation in the borehole
- The sturdy dispenser boxes can be stacked and are also suitable as storage containers



Application area:

For securing
extractor hoods, aluminium and copper sheet, surface-mounted boxes, pictures, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, sand-lime brick, plaster, natural stone and other pressure-resistant solid materials, also for use outdoors or in wet rooms in conjunction with stainless steel screws.



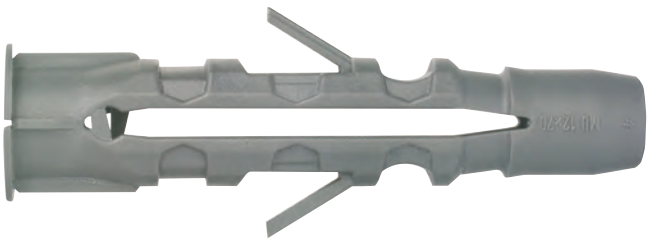
Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr. wood)	Number of anchors	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 006 302	RND 6	6 x 30 mm	6 mm	40 mm	M4	3.5 - 5 mm	2800 PCS	6 mm	30 mm	1 PCS
0903 008 402	RND 8	8 x 40 mm	8 mm	50 mm	M5	4.5 - 6 mm	1400 PCS	8 mm	40 mm	1 PCS
0903 010 502	RND 10	10 x 50 mm	10 mm	60 mm	M6	6 - 8 mm	700 PCS	10 mm	50 mm	1 PCS
0903 012 602	RND 12	12 x 60 mm	12 mm	70 mm	M8	8 - 10 mm	350 PCS	12 mm	60 mm	1 PCS

Multi-purpose wall plug RMU

For securing components to a wide variety of substrates

Advantages:

- For universal use in solid and perforated brick
- High temperature resistance from -40°C to +100°C
- Chemical-resistant
- Both pre-mounting and through-bolt mounting possible due to shear collar
- The drive-in support enables the screw to be pre-mounted and prevents the wall plug expanding prematurely
- Lateral braces prevent turning in the drill hole
- Can also be supplied in reca dispenser box



Application area:

For securing
extractor hoods, aluminium and copper sheet, surface-mounted boxes, pictures, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, vertically perforated brick, solid sand-lime brick, hollow sand-lime brick, gypsum plasterboards, gypsum panels,

particle board sheets, false ceilings etc., even outdoors or in wet rooms in conjunction with stainless steel screws.

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 506 035	RMU 6	6 x 35 mm	6 mm	45 mm	M4	3 - 4 mm	6 mm	35 mm	100 PCS
0903 506 045	RMU 6 L	6 x 45 mm	6 mm	55 mm	M4	3 - 4 mm	6 mm	45 mm	100 PCS
0903 508 050	RMU 8	8 x 50 mm	8 mm	65 mm	M6	4.5 - 6 mm	8 mm	50 mm	50 PCS
0903 510 060	RMU 10	10 x 60 mm	10 mm	75 mm	M8	6 - 8 mm	10 mm	60 mm	25 PCS
0903 512 070	RMU 12	12 x 70 mm	12 mm	90 mm	M10	8 - 10 mm	12 mm	70 mm	15 PCS
0903 514 075	RMU 14	14 x 75 mm	14 mm	100 mm	M12	10 - 12 mm	14 mm	75 mm	10 PCS

Multi-purpose wall plug RMU dispenser

For securing components to a wide variety of substrates

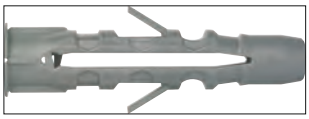
Advantages:

- For multi-purpose use in solid and perforated brick
- High temperature resistance of -40°C to +100°C
- Resistant to chemicals
- Rupture collar permits both pre-mounting and push-through mounting
- The drive-in support allows the screw to be pre-mounted and prevents premature expansion of the dowel
- The lateral struts prevent rotation in the borehole
- The sturdy dispenser boxes can be stacked and are also suitable as storage containers



Application area:

For securing
extractor hoods, aluminium and copper sheet, surface-mounted boxes, pictures, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, vertically perforated brick, solid sand-lime brick, hollow sand-lime brick, gypsum plasterboards, gypsum panels, particle board sheets, false ceilings etc., even outdoors or in wet rooms in conjunction with stainless steel screws.



Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr. wood)	Number of anchors	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0903 506 352	RMU 6	6 x 35 mm	6 mm	45	M4	3 - 4 mm	1400 PCS	6 mm	35 mm	1 PCS
0903 506 452	RMU 6 L	6 x 45 mm	6 mm	55 mm	M4	3 - 4 mm	1400 PCS	6 mm	45 mm	1 PCS
0903 508 502	RMU 8	8 x 50 mm	8 mm	65 mm	M6	4.5 - 6 mm	700 PCS	8 mm	50 mm	1 PCS
0903 510 602	RMU 10	10 x 60 mm	10 mm	75 mm	M8	6 - 8 mm	350 PCS	10 mm	60 mm	1 PCS

Multi-purpose anchor TRI

Universal use for securing attached parts to a wide variety of substrates

Advantages:

- For universal use in concrete, solid and perforated brick, gypsum plasterboard and fibreboard panels
- Install using stud screws, wood screws, particle board screws or clip bolts
- The three-section expansion body aligns perfectly with the surface and ensures positive-fit and friction-locked anchorage
- Anti-rotation features on the wall plug shaft prevent the anchors turning in solid and perforated brick
- The expansion effect causes friction locking in solid building materials; knotting creates a positive fit in perforated brick and behind plasterboard
- The TRIKA anchor also features a collar to prevent the anchor from slipping deeper into the drill hole



Application area:

For securing
suspended items, pictures, sheet metal, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, vertically perforated brick, solid and hollow sand-lime brick, clinker brick, gypsum plasterboards, gypsum panels, particle board sheets etc.

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0906 85 31	TRI 5/31	5 x 31 mm	5 mm	40 mm	3 - 4 mm	5 mm	31 mm	100 PCS
0906 86 36	TRI 6/36	6 x 36 mm	6 mm	45 mm	4 - 5 mm	6 mm	36 mm	100 PCS
0906 87 51	TRI 7/51	7 x 51 mm	7 mm	60 mm	4.5 - 5 mm	7 mm	51 mm	100 PCS
0906 88 51	TRI 8/51	8 x 51 mm	8 mm	60 mm	5 - 6 mm	8 mm	51 mm	100 PCS
0906 810 61	TRI 10/61	10 x 61 mm	10 mm	70 mm	7 - 8 mm	10 mm	61 mm	50 PCS
0906 812 71	TRI 12/71	12 x 71 mm	12 mm	80 mm	8 - 10 mm	12 mm	71 mm	25 PCS
0906 814 75	TRI 14/75	14 x 75 mm	14 mm	85 mm	10 - 12 mm	14 mm	75 mm	20 PCS

Multi-purpose anchor TRIKA

Universal use for securing attached parts to a wide variety of substrates

Advantages:

- For universal use in concrete, solid and perforated brick, gypsum plasterboard and fibreboard panels
- Install using stud screws, wood screws, particle board screws or clip bolts
- The three-section expansion body aligns perfectly with the surface and ensures positive-fit and friction-locked anchorage
- Anti-rotation features on the wall plug shaft prevent the anchors turning in solid and perforated brick
- The expansion effect causes friction locking in solid building materials; knotting creates a positive fit in perforated brick and behind plasterboard
- The TRIKA anchor also features a collar to prevent the anchor from slipping deeper into the drill hole



Application area:

For securing
suspended items, pictures, sheet metal, letter boxes, clothes rails, curtain rails,

towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
concrete, lightweight concrete, solid brick, vertically perforated brick, solid and hollow sand-lime brick, clinker brick, gypsum plasterboards, gypsum panels, particle board sheets etc.

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0906 95 32	TRIKA 5/31	5 x 31 mm	5 mm	40 mm	3 - 4 mm	5 mm	31 mm	100 PCS
0906 96 37	TRIKA 6/36	6 x 36 mm	6 mm	45 mm	4 - 5 mm	6 mm	36 mm	100 PCS
0906 97 52	TRIKA 7/51	7 x 51 mm	7 mm	60 mm	4.5 - 5 mm	7 mm	51 mm	100 PCS
0906 98 52	TRIKA 8/51	8 x 51 mm	8 mm	60 mm	5 - 6 mm	8 mm	51 mm	100 PCS
0906 910 62	TRIKA 10/61	10 x 61 mm	10 mm	70 mm	7 - 8 mm	10 mm	61 mm	50 PCS
0906 912 72	TRIKA 12/71	12 x 71 mm	12 mm	80 mm	8 - 10 mm	12 mm	71 mm	25 PCS
0906 914 76	TRIKA 14/75	14 x 75 mm	14 mm	85 mm	10 - 12 mm	14 mm	75 mm	20 PCS

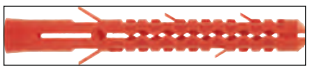
Perforated brick rawlplug ML

For securing components in perforated brick and lightweight or aerated concrete

Advantages:

- High temperature resistance from -40°C to +100°C.
- Chemical-resistant.
- Large expansion zone for high holding force.
- Pre-mounting and through-bolt mounting possible.
- The drive-in support enables the screw to be pre-mounted and prevents the wall plug expanding prematurely.
- Lateral anti-rotation features prevent the plug turning in the drill hole.





Application area:
For securing
suspended items, pictures, sheet metal, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
vertically perforated brick, hollow sand-lime brick, lightweight concrete, aerated concrete, gypsum plasterboards etc.

Bizeps perforated brick rawlplug

For securing components in perforated brick and lightweight or aerated concrete

Advantages:

- Ideal for solid brick and perforated brick, flaky and porous materials and mixed masonry
- Extremely high hold values in perforated bricks
- Two expansion zones for even distribution of force in four directions
- Rotor blocks prevent rotation in the borehole



- 100% nylon
- Long expansion zone via multiple ridges for secure anchoring
- Excellent temperature resistance from -40°C to +100°C
- Resistant to chemicals
- Pre-mounting and through-bolt mounting possible.

Application area:
For securing
suspended items, pictures, sheet metal, letter boxes, clothes rails, curtain rails, towel holders, lights, metal brackets, shelving, pipe clamps, skirting boards, temperature sensors etc.
to
vertically perforated brick, solid brick, concrete, lightweight concrete, aerated concrete etc.

Advice:
For use with wood screws with max. diameter

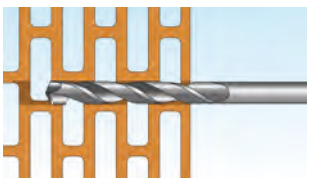
Type description: Bizeps
Material: PA - Polyamide

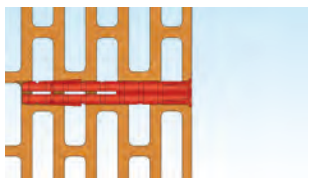
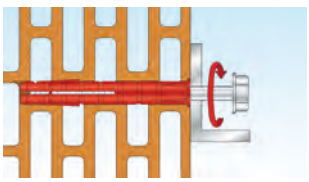






Art. No.	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Embedding depth	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0906 606 070	6 x 70 mm	6 mm	80 mm	70 mm	4.5 - 5 mm	6 mm	70 mm	50 PCS
0906 608 090	8 x 90 mm	8 mm	100 mm	90 mm	5 - 6 mm	8 mm	90 mm	50 PCS
0906 610 090	10 x 90 mm	10 mm	100 mm	90 mm	6 - 8 mm	10 mm	90 mm	25 PCS
0906 612 090	12 x 90 mm	12 mm	100 mm	90 mm	8 - 10 mm	12 mm	90 mm	25 PCS



Metal aerated concrete anchor, galvanised steel

Metal expansion anchor for fastening components in aerated concrete and other substrates.

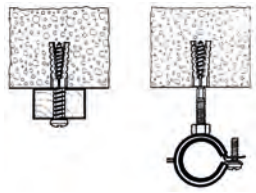
Advantages:
- Ribbed structure for safe screw guidance
- External teeth ensure high pull-out values
- The anchor fulfils technical regulations for gas pipes in line with the German Technical Regulations for Gas Installation (TRGI) 3.3.7.1 in combination with an 8-mm stud screw (article no. 0232 98 ...).



Application area:
For securing
cable and pipe clamps, water conduits, gas pipes etc.
to

aerated concrete, solid gypsum panels, pumice, lightweight concrete and perforated brick

Art. No.	Type description	Anchor diameter x anchor length (l)	Min./max. drill hole diameter	Drill hole depth	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Min. drill hole diameter	Max. drill hole diameter	Packaging unit (VPE)
0904 05 30	MGD 5	5 x 30 mm	5-7 mm	35 mm	4 - 5 mm	5 mm	30 mm	5 mm	7 mm	200 PCS
0904 06 32	MGD 6	6 x 32 mm	7-9 mm	40 mm	5 - 6 mm	6 mm	32 mm	7 mm	9 mm	200 PCS
0904 08 38	MGD 8	8 x 38 mm	10-12 mm	50 mm	6 - 8 mm	8 mm	38 mm	10 mm	12 mm	200 PCS
0904 08 60	MGD 8 L	8 x 60 mm	10-12 mm	70 mm	6 - 8 mm	8 mm	60 mm	10 mm	12 mm	200 PCS
0904 10 60	MGD 10	10 x 60 mm	12-14 mm	70 mm	8 - 10 mm	10 mm	60 mm	12 mm	14 mm	100 PCS



Brass expansion anchor

Application area:
For securing
threaded rods, cable conduits, pipes, mounting rails, ventilation ducts, metal structures, grilles, formwork supports etc.
to
concrete, brick masonry, natural stone, clinker brick, sand-lime brick, hardwood and solid brick.



Art. No.	Type description	Internal diameter	Embedding depth	Drill hole depth	Nominal drill hole diameter	Outer diameter	Anchor length (l)	Packaging unit (VPE)
0907 86	MS 6	6 mm	25 mm	30 mm	8 mm	7.5 mm	24 mm	100 PCS
0907 88	MS 8	8 mm	30 mm	35 mm	10 mm	10.0 mm	30 mm	100 PCS
0907 810	MS 10	10 mm	35 mm	40 mm	12 mm	12.0 mm	34 mm	100 PCS
0907 812	MS 12	12 mm	40 mm	45 mm	16 mm	15.5	41 mm	50 PCS

TSM-PB aerated concrete screw

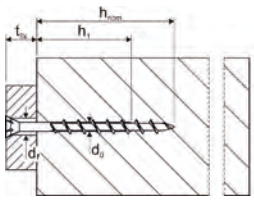
For securing components to aerated concrete

Advantages:
- Simple, quick mounting
- Small drill hole diameter
- The screw cuts the thread into the surface itself
- Immediate load-bearing capacity — no waiting
- Attachment can be fully removed again
- Stylish look with countersunk hexagon head



Application area:
For securing substructures made of wood, metal or plastic on aerated concrete.
Suitable materials: Aerated concrete strength class ≥ PP2

Advice:
Always comply with drill hole depth and drill hole diameter. When using a screwdriver (battery-powered or 220 V), an attempt at screwing in must be made before using the tool, as the strength of shaped brick and ceiling panels can vary greatly. The friction clutch on the screwdriver must be triggered as soon as the screw head is flush with the relevant component to be secured. Apply the relevant tightening torque using a torque wrench. Do not use an impact screwdriver! Detailed assembly instructions are included.



Type description: TSM-PB
Nominal drill-bit diameter (d 0): 4 mm
Material: Steel
Surface: Galvanised

Art. No.	Anchor	Max. attach-ment height (t fix)	Drill hole depth (h 1)	Embed-ding depth (h nom)	Internal drive	External drive	Head type	Anchor	Anchor length (l)	Tigh-tening torque (T inst)	Packaging unit (VPE)
0902 408 011	8 x 110 mm	30 mm	40 mm	80 mm	TX25		Coun-tersunk milling head	8 mm	110 mm	4 Nm	100 PCS
0902 410 110	10 x 110 mm	10 mm	50 mm	100 mm		WS10	Hexagon head with flange	10 mm	110 mm	6 Nm	100 PCS
0902 410 011	10 x 110 mm	10 mm	50 mm	100 mm	TX30		Coun-tersunk milling head	10 mm	110 mm	6 Nm	100 PCS
0902 410 160	10 x 160 mm	60 mm	50 mm	100 mm		WS10	Hexagon head with flange	10 mm	160 mm	6 Nm	100 PCS
0902 410 016	10 x 160 mm	60 mm	50 mm	100 mm	TX30		Coun-tersunk milling head	10 mm	160 mm	6 Nm	100 PCS














Aerated concrete plug GB

For securing components to aerated concrete

Advantages:

- Can be used with various screw types and diameters (preliminary testing is advisable).
- The trilobular design causes the segments to dig into the aerated concrete when driven in and effectively prevent the anchor from turning.
- Once the screw has been inserted, the three edges transfer expansion pressure to the aerated concrete to optimum effect and guarantee high pull-out values.
- Resistant to rotting, weathering and ageing.



Application area:

For securing letter boxes, façade structures, windows, curtain rails, towel holders, wall cupboards, cable conduits, lamps, metal brackets, shelving, pipe clamps, skirting boards etc. to aerated concrete

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill hole diameter	Drill hole depth	Required bolt diameter (metric)	Required wood screw diameter (d scr.wood)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0902 310 55	GB 10	10 x 55 mm	10 mm	65 mm	M6	4.5 - 6 mm	10 mm	55 mm	50 PCS
0902 312 60	GB 12	12 x 60 mm	12 mm	70 mm	M8	7 - 8 mm	12 mm	60 mm	50 PCS
0902 314 75	GB 14	14 x 75 mm	14 mm	90 mm	M10	10 mm	14 mm	75 mm	25 PCS

Special screw GBS 5.8, galvanised

For securing components to aerated concrete

Advantages:

- Can be used with various screw types and diameters (preliminary testing is advisable).
- The trilobular design causes the segments to dig into the aerated concrete when driven in and effectively prevent the anchor from turning.
- Once the screw has been inserted, the three edges transfer expansion pressure to the aerated concrete to optimum effect and guarantee high pull-out values.
- Resistant to rotting, weathering and ageing.



Application area:
For securing
letter boxes, façade structures, windows, curtain rails, towel holders, wall cupboards, cable conduits, lamps, metal brackets, shelving, pipe clamps, skirting boards etc.
to
aerated concrete

Diameter: 7.0 mm
Head diameter: 14 mm
Internal drive: TX40

Art. No.	Type description	Length	Packaging unit (VPE)
0902 307 85	GBS 7 x 85	85.0 mm	50 PCS
0902 307 105	GBS 7 x 105	105.0 mm	50 PCS
0902 307 120	GBS 7 x 120	120.0 mm	50 PCS

Frame anchor MBR

Advantages:
- For use in push-through mounting
- Resistant to rotting, weathering and ageing
- Drive-in support prevents premature expansion of the dowel
- Wall plug body and screw are optimally matched and guarantee reliable hold values



Application area:
For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling etc.
to:
anchorages in usage category
A: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206.1:2014
b: Solid brick masonry
c: Perforated brick masonry
In the case of other bricks in usage categories b and c, the typical bearing capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter (d 0): 10 mm
Drill hole depth: 60 mm
Embedding depth: 50 mm
Through-hole in the component to be connected (d f): 10.5 mm
Anchor diameter: 10 mm

Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Anchor length (l)	Package size	Packaging unit (VPE)
0905 931 008	MBR 10-30/80	10 x 80 mm	30 mm	80 mm	900	100 PCS
0905 931 006	MBR 10-10/60	10 x 60 mm	10 mm	60 mm	1200	100 PCS

2

Frame anchor MBR-ST, galvanised



Advantages:

- Approved for multiple securing of non-supporting systems in concrete, solid and perforated brick
- Approval includes R90 fire protection
- Simple push-through mounting
- Optimally matched wall plug body and screws guarantee reliable hold values
- For use indoors (galvanised) and outdoors (stainless)
- Drive-in support prevents premature expansion of the dowel

Application area:

For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling etc.
to:
anchorages in usage category
A: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206.1:2014
b: Solid brick masonry
c: Perforated brick masonry
In the case of other bricks in usage categories b and c, the typical bearing capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter (d 0): 10 mm
Drill hole depth: 60 mm
Embedding depth: 50 mm
Internal drive of screw: TX40
Through-hole in the component to be connected (d f): 10.5 mm
Material: PA - Polyamide
Material of the screw: Steel
Surface: Galvanised
Anchor diameter: 10 mm

ETA-15/0068

Brandschutz R90

Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Anchor length (l)	Package size	Packaging unit (VPE)
0905 922 024	MBR-ST 10-190/240	10 x 240 mm	190 mm	240 mm		25 PCS
0905 922 020	MBR-ST 10-150/200	10 x 200 mm	150 mm	200 mm		50 PCS
0905 922 016	MBR-ST 10-110/160	10 x 160 mm	110 mm	160 mm	300	50 PCS
0905 922 014	MBR-ST 10-90/140	10 x 140 mm	90 mm	140 mm	300	50 PCS
0905 922 012	MBR-ST 10-70/120	10 x 120 mm	70 mm	120 mm	300	50 PCS
0905 922 010	MBR-ST 10-50/100	10 x 100 mm	50 mm	100 mm	450	50 PCS
0905 922 008	MBR-ST 10-30/80	10 x 80 mm	30 mm	80 mm	600	100 PCS
0905 922 006	MBR-ST 10-10/60	10 x 60 mm	10 mm	60 mm	600	100 PCS

Frame anchor MBR-STr A4



Advantages:

- Approved for multiple securing of non-supporting systems in concrete, solid and perforated brick
- Approval includes R90 fire protection
- Simple push-through mounting
- Optimally matched wall plug body and screws guarantee reliable hold values
- For use indoors (galvanised) and outdoors (stainless)
- Drive-in support prevents premature expansion of the dowel

Application area:

For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling etc.
to:
anchorages in usage category
A: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206.1:2014
b: Solid brick masonry
c: Perforated brick masonry
In the case of other bricks in usage categories b and c, the typical bearing capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter (d 0): 10 mm
Drill hole depth: 60 mm
Embedding depth: 50 mm
Internal drive of screw: TX40
Through-hole in the component to be connected (d f): 10.5 mm
Material: PA - Polyamide
Material of the screw: Stainless steel A4
Anchor diameter: 10 mm

ETA-15/0068

Brandschutz R90

Art. No.	Anchor diameter x anchor length (l)	Attachment height (t fix)	Anchor length (l)	Packaging unit (VPE)
0905 923 008	10 x 80 mm	30 mm	80 mm	100 PCS
0905 923 010	10 x 100 mm	50 mm	100 mm	50 PCS
0905 923 012	10 x 120 mm	70 mm	120 mm	50 PCS
0905 923 014	10 x 140 mm	90 mm	140 mm	50 PCS

Frame anchor MB



Advantages:

- Approved for multiple securing of non-supporting systems in concrete, solid and perforated brick and aerated concrete
- Approval includes R90 fire protection
- Simple push-through mounting
- For use indoors (galvanised) and outdoors (stainless)
- Drive-in support prevents premature expansion of the dowel

Application area:
For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling
to
anchorages in usage categories
a: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206-1:2014
b: Solid brick masonry
c: Perforated brick masonry
c: Aerated concrete
In the case of other bricks in usage categories b and c, the typical bearing capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter in masonry/concrete: 10 mm
Drill hole depth: 80 mm
Embedding depth (Setztiefe in Mauerwerk/Beton): 70 mm
Drill nominal diameter in aerated concrete: 9 mm
Drill hole depth in aerated concrete: 100 mm
Embedding depth (h s) (Setztiefe in Porenbeton): 90 mm
Material: PA - Polyamide
Anchor diameter: 10 mm

Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Max. attachment height in aerated concrete	Through-hole in the component to be connected (d f)	Anchor length (l)	Package size	Packaging unit (VPE)
0905 921 608	MB 10, 10/80	10 x 80 mm	10 mm	0 mm	10.5 mm	80 mm	900	100 PCS
0905 921 610	MB 10, 30/100	10 x 100 mm	30 mm	10 mm	10.5 mm	100 mm	600	100 PCS
0905 921 612	MB 10, 50/120	10 x 120 mm	50 mm	30 mm	10.5	120 mm		50 PCS
0905 921 614	MB 10, 70/140	10 x 140 mm	70 mm	50 mm	10.5 mm	140 mm	300	50 PCS
0905 921 616	MB 10, 90/160	10 x 160 mm	90 mm	70 mm	10.5 mm	160 mm	600	100 PCS
0905 921 620	MB 10, 130/200	10 x 200 mm	130 mm	110 mm	10.5 mm	200 mm	450	50 PCS

Frame anchor MB-ST, galvanised



Advantages:
- For use in push-through mounting
- Resistant to rotting, weathering and ageing
- Drive-in support prevents premature expansion of the dowel
- Wall plug body and screw are optimally matched and guarantee reliable hold values

Application area:
For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling
to
anchorages in usage categories
a: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206-1:2014
b: Solid brick masonry
c: Perforated brick masonry
c: Aerated concrete
In the case of other bricks in usage categories b and c, the typical bearing

capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter in masonry/concrete: 10 mm
Drill hole depth: 80 mm
Embedding depth (Setztiefe in Mauerwerk/Beton): 70 mm
Drill nominal diameter in aerated concrete: 9 mm
Drill hole depth in aerated concrete: 100 mm
Embedding depth (h s) (Setztiefe in Porenbeton): 90 mm
Internal drive of screw: TX40
Through-hole in the component to be connected (d f): 10.5 mm
Material: PA - Polyamide
Material of the screw: Steel
Surface: Galvanised

ETA-15/0068

Brandschutz R90

Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Max. attachment height in aerated concrete	Anchor diameter	Anchor length (l)	Package size	Packaging unit (VPE)
0905 922 108	MB-ST 10, 10/80		10 mm	0 mm		80 mm	600	100 PCS
0905 922 110	MB-ST 10, 30/100	10 x 100 mm	30 mm	10 mm	10 mm	100 mm	450	50 PCS
0905 922 112	MB-ST 10, 50/120	10 x 120 mm	50 mm	30 mm	10 mm	120 mm	300	50 PCS
0905 922 114	MB-ST 10, 70/140	10 x 140 mm	70 mm	50 mm	10 mm	140 mm	300	50 PCS
0905 922 116	MB-ST 10, 90/160	10 x 160 mm	90 mm	70 mm	10 mm	160 mm	300	50 PCS
0905 922 120	MB-ST 10, 130/200	10 x 200 mm	130 mm	110 mm	10 mm	200 mm	300	50 PCS
0905 922 124	MB-ST 10, 170/240	10 x 240 mm	170 mm	150 mm	10 mm	240 mm		25 PCS
0905 922 128	MB-ST 10, 210/280	10 x 280 mm	210 mm	190 mm	10 mm	280 mm		25 PCS
0905 922 130	MB-ST 10, 230/300	10 x 300 mm	230 mm	210 mm	10 mm	300 mm		25 PCS

Frame anchor MB-STr A4

Advantages:

- For use in push-through mounting
- Resistant to rotting, weathering and ageing
- Drive-in support prevents premature expansion of the dowel
- Wall plug body and screw are optimally matched and guarantee reliable hold values



Application area:

For securing
frames, laths and spaced installations, façade and roof substructures made from wood, metal and plastic, as well as wooden beams, wooden laths, battens, metal profiles, insulation, window and door frames, metal sheets and panelling
to
anchorages in usage categories

a: Reinforced or non-reinforced standard concrete with a strength class of > C12/15 in line with EN 206-1:2014
b: Solid brick masonry
c: Perforated brick masonry
c: Aerated concrete
In the case of other bricks in usage categories b and c, the typical bearing capacity of the anchors can be determined by site tests according to ETAG 020, Attachment B, Version of March 2012.

Nominal drill-bit diameter in masonry/concrete: 10 mm
Drill hole depth: 80 mm
Embedding depth (Setztiefe in Mauerwerk/Beton): 70 mm
Drill nominal diameter in aerated concrete: 9 mm
Drill hole depth in aerated concrete: 100 mm
Embedding depth (h s) (Setztiefe in Porenbeton): 90 mm
Internal drive of screw: TX40
Through-hole in the component to be connected (d f): 10.5 mm
Material: PA - Polyamide
Material of the screw: Stainless steel A4
Anchor diameter: 10 mm







Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Max. attachment height in aerated concrete	Anchor length (l)	Packaging unit (VPE)
0905 923 120	MB-Str 10-130/200	10 x 200 mm	130 mm	110 mm	200 mm	50 PCS
0905 923 116	MB-Str 10-90/160	10 x 160 mm	90 mm	70 mm	160 mm	50 PCS
0905 923 114	MB-Str 10-70/140	10 x 140 mm	70 mm	50 mm	140 mm	50 PCS
0905 923 112	MB-Str 10-50/120	10 x 120 mm	50 mm	30 mm	120 mm	50 PCS
0905 923 110	MB-Str 10-30/100	10 x 100 mm	30 mm	10 mm	100 mm	50 PCS
0905 923 108	MB-Str 10-10/80	10 x 80 mm	10 mm	0 mm	80 mm	100 PCS

Safety screws with countersunk head

Diameter: 7.0 mm
Head type: Countersunk head
Internal drive: TX40
Material: Steel
Surface: Galvanised



Art. No.	Length	Suitable for anchor length	Packaging unit (VPE)
0905 706 065	65.0 mm	60.0 mm	100 PCS
0905 708 085	85.0 mm	80.0 mm	100 PCS
0905 710 105	105.0 mm	100.0 mm	100 PCS
0905 712 125	125.0 mm	120.0 mm	100 PCS
0905 714 145	145.0 mm	140.0 mm	100 PCS
0905 716 165	165.0 mm	160.0 mm	100 PCS
0905 720 205	205.0 mm	200.0 mm	100 PCS

Safety screws with hexagon head

Diameter: 7.0 mm
Head type: Hexagon head
External drive: WS13
Material: Steel
Surface: Galvanised



Art. No.	Length	Suitable for anchor length	Packaging unit (VPE)
0905 7 065	65.0 mm	60.0 mm	100 PCS
0905 7 085	85.0 mm	80.0 mm	100 PCS
0905 7 105	105.0 mm	100.0 mm	100 PCS
0905 7 125	125.0 mm	120.0 mm	100 PCS
0905 7 145	145.0 mm	140.0 mm	100 PCS
0905 7 165	165.0 mm	160.0 mm	100 PCS
0905 7 205	205.0 mm	200.0 mm	100 PCS

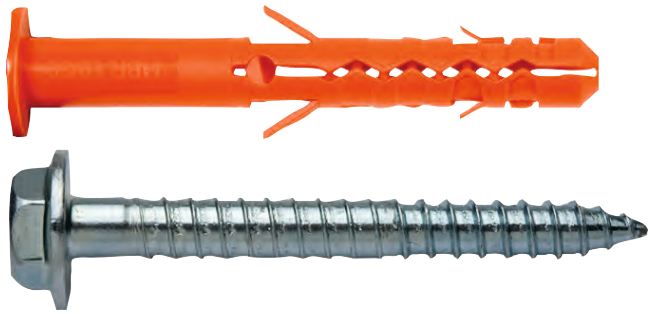
Frame anchor MBRK-XTB

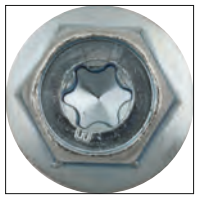
Advantages:

- Wall plug body and screw are perfectly matched, guaranteeing secure holding power
- Particularly large wall plug collar prevents contact corrosion and eliminates the need for washers when installed using corresponding collar screws
- Resistant to rotting, weathering and ageing
- The drive-in support prevents the wall plug expanding prematurely

Application area:

For securing
façade and roof substructures made from wood, metal and plastic, as well as wooden laths, battens, metal profiles, metal sheets and panelling
to
standard concrete C12/15, vertically perforated and solid brick in line with DIN 105, perforated and solid sand-lime brick in line with DIN 106 and hollow bricks, solid bricks and solid blocks made from lightweight concrete in line with DIN 18152





Nominal drill hole diameter: 10 mm
Drill hole depth: 65 mm
Embedding depth: 50 mm
Through-hole in the component to be connected (d f): 10.5 mm
Internal drive: TX40
External drive: WS13
Material: PA - Polyamide
Material of the screw: Steel
Surface: Galvanised
Anchor diameter: 10 mm

Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Anchor length (l)	Packaging unit (VPE)
0905 910 060	MBRK-XTB 10, 10/60	10 x 60 mm	10 mm	60 mm	100 PCS
0905 910 080	MBRK-XTB 10, 30/80	10 x 80 mm	30 mm	80 mm	50 PCS

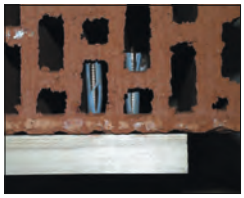
Nail anchor EVO-Grip with flat head, galvanised

The specialists for quick and flexible fastening

Application area:
Securing drywall profiles, angle brackets, panels, metal sheets, cable ducts and any components for non-recessed installation



Internal drive: Z2
Material: PA - Polyamide
Material of the nail: Steel
Surface: Galvanised



Art. No.	Type descrip-tion	Anchor	Attach-ment height (t fix)	Nominal drill hole	Drill hole depth	Embed-ding depth		Anchor	Anchor length (l)	Package size	Packaging unit (VPE)
0903 805 025	END 5	5 x 25 mm	1 mm	5 mm	30 mm	25 mm	5 mm	5 mm	25 mm	3000	250 PCS
0903 805 030	END 5	5 x 30 mm	5 mm	5 mm	30 mm	25 mm	5 mm	5 mm	30 mm	3000	250 PCS
0903 805 040	END 5	5 x 40 mm	15 mm	5 mm	30 mm	25 mm	5 mm	5 mm	40 mm	3000	250 PCS
0903 805 050	END 5	5 x 50 mm	25 mm	5 mm	30 mm	25 mm	5 mm	5 mm	50 mm	2400	200 PCS
0903 806 030	END 6	6 x 30 mm	1 mm	6 mm	35 mm	30 mm	6 mm	6 mm	30 mm	3000	250 PCS
0903 806 040	END 6	6 x 40 mm	10 mm	6 mm	35 mm	30 mm	6 mm	6 mm	40 mm	2400	200 PCS
0903 806 060	END 6	6 x 60 mm	30 mm	6 mm	35 mm	30 mm	6 mm	6 mm	60 mm	1200	200 PCS
0903 806 080	END 6	6 x 80 mm	50 mm	6 mm	35 mm	30 mm	6 mm	6 mm	80 mm	1200	200 PCS

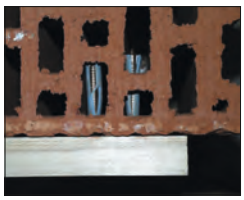
Nail anchor EVO-Grip with flat head, A2

The specialists for quick and flexible fastening

Application area:
Securing drywall profiles, angle brackets, panels, metal sheets, cable ducts and any components for non-recessed installation



Type description: END 6
Anchor diameter x anchor length (l): 6 x 40 mm
Attachment height (t fix): 10 mm
Nominal drill hole diameter: 6 mm
Drill hole depth: 35 mm
Embedding depth: 30 mm
Internal drive: Z2
Through-hole in the component to be connected (d f): 6 mm
Material: PA - Polyamide
Material of the nail: Stainless steel A2
Anchor diameter: 6 mm
Anchor length (l): 40 mm



Art. No.	Package size	Packaging unit (VPE)
0903 826 040	2400	200 PCS

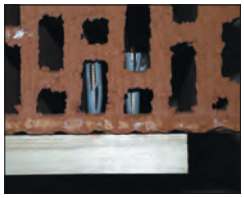
Nail anchor EVO-Grip with countersunk head, galvanised

The specialists for quick and flexible fastening

Application area:
Securing substructures, wooden beams, laths, metal sheets and any components for recessed installation

Material: PA - Polyamide
Material of the nail: Steel
Surface: Galvanised





Art. No.	Type	Anchor	Attachment height (t fix)		Drill hole depth				Anchor	Anchor length (l)	Package size	Packaging unit (VPE)
0903 816 040	END 6	6 x 40 mm	10 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	40 mm	2400	200 PCS
0903 816 060	END 6	6 x 60 mm	30 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	60 mm	1200	200 PCS
0903 816 080	END 6	6 x 80 mm	50 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	80 mm	1200	200 PCS
0903 818 060	END 8	8 x 60 mm	20 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	60 mm	900	150 PCS
0903 818 080	END 8	8 x 80 mm	40 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	80 mm	900	150 PCS
0903 818 100	END 8	8 x 100 mm	60 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	100 mm	600	100 PCS
0903 818 120	END 8	8 x 120 mm	80 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	120 mm	600	100 PCS
0903 818 135	END 8	8 x 135 mm	95 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	135 mm	600	100 PCS
0903 818 160	END 8	8 x 160 mm	120 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	160 mm	600	100 PCS

Nail anchor EVO-Grip with countersunk head, A2

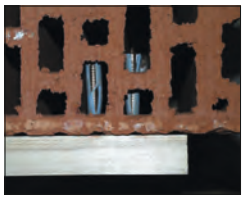
The specialists for quick and flexible fastening

Application area:
Securing substructures, wooden beams, laths, metal sheets and any components for recessed installation

Internal drive: Z3



Material: PA - Polyamide
Material of the nail: Stainless steel A2



Art. No.	Type description	Anchor diameter x anchor length (l)	Attachment height (t fix)	Nominal drill hole diameter	Drill hole depth	Embedding depth	Anchor diameter	Anchor length (l)	Package size	Packaging unit (VPE)
0903 836 060	END 6	6 x 60 mm	30 mm	6 mm	35 mm	30 mm	6 mm	60 mm	1200	200 PCS
0903 836 080	END 6	6 x 80 mm	50 mm	6 mm	35 mm	30 mm	6 mm	80 mm	1200	200 PCS
0903 838 060	END 8	8 x 60 mm	20 mm	8 mm	45 mm	40 mm	8 mm	60 mm	900	150 PCS
0903 838 080	END 8	8 x 80 mm	40 mm	8 mm	45 mm	40 mm	8 mm	80 mm	900	150 PCS
0903 838 100	END 8	8 x 100 mm	60 mm	8 mm	45 mm	40 mm	8 mm	100 mm	600	100 PCS
0903 838 120	END 8	8 x 120 mm	80 mm	8 mm	45 mm	40 mm	8 mm	120 mm	600	100 PCS

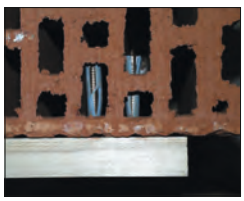
Nail anchor EVO-Grip with mushroom head, galvanised

The specialists for quick and flexible fastening

Application area:
Securing wall joint profiles, roof edge profiles, chimney seals, wall facings, dome roof lights, roof sealing strips, flange attachments etc.

Internal drive: Z2
Material: PA - Polyamide
Material of the nail: Steel
Surface: Galvanised





Art. No.	Type description	Anchor	Attachment height (t fix)	Nominal drill hole	Drill hole depth	Embedding depth		Anchor	Anchor length (l)	Package size	Packaging unit (VPE)
0903 845 030	END 5	5 x 30 mm	5 mm	5 mm	30 mm	25 mm	5 mm	5 mm	30 mm	3000	250 PCS
0903 845 040	END 5	5 x 40 mm	15 mm	5 mm	30 mm	25 mm	5 mm	5 mm	40 mm	2400	200 PCS
0903 846 040	END 6	6 x 40 mm	10 mm	6 mm	35 mm	30 mm	6 mm	6 mm	40 mm	1800	150 PCS
0903 846 060	END 6	6 x 60 mm	30 mm	6 mm	35 mm	30 mm	6 mm	6 mm	60 mm	1200	200 PCS



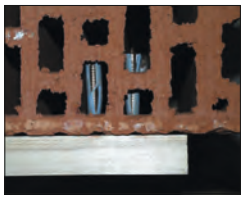
Nail anchor EVO-Grip with mushroom head, A2

The specialists for quick and flexible fastening

Application area:
Securing wall joint profiles, roof edge profiles, chimney seals, wall facings, dome roof lights, roof sealing strips, flange attachments etc.



Type description: END 6
Anchor diameter x anchor length (l): 6 x 40 mm
Attachment height (t fix): 10 mm
Nominal drill hole diameter: 6 mm
Drill hole depth: 35 mm
Embedding depth: 30 mm
Internal drive: Z2
Material: PA - Polyamide
Material of the nail: Stainless steel A2
Anchor diameter: 6 mm
Anchor length (l): 40 mm



Art. No.	Package size	Packaging unit (VPE)
0903 856 040	1800	150 PCS



Nail anchor EVO-Grip with sealing washer, A2

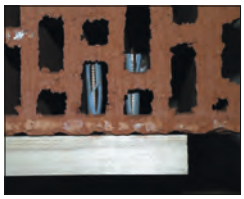
The specialists for quick and flexible fastening

Application area:
Secures roof flashing, metal sheets and also seals anchor holes



Type description: END 6
Anchor diameter x anchor length (l): 6 x 40 mm
Attachment height (t fix): 10 mm
Nominal drill hole diameter: 6 mm
Drill hole depth: 35 mm

Embedding depth: 30 mm
Internal drive: Z2
Material: PA - Polyamide
Material of the nail: Stainless steel A2
Anchor diameter: 6 mm
Anchor length (l): 40 mm



Art. No.	Washer diameter	Package size	Packaging unit (VPE)
0903 866 040	15.0 mm	1200	100 PCS
0903 866 041	20.0 mm	1200	100 PCS

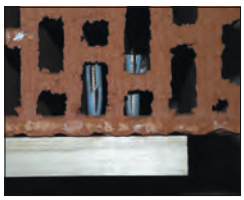
Nail anchor EVO-Grip with sealing washer, A2/Cu

The specialists for quick and flexible fastening

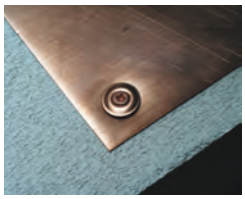
Application area:
Secures roof flashing, metal sheets and also seals anchor holes



Type description: END 6
Anchor diameter x anchor length (l): 6 x 40 mm
Nominal drill hole diameter: 6 mm
Drill hole depth: 35 mm
Embedding depth: 30 mm
Internal drive: Z2
Through-hole in the component to be connected (d f): 6 mm
Material: PA - Polyamide
Material of the nail: Stainless steel A2
Surface: Copper-plated
Anchor diameter: 6 mm
Anchor length (l): 40 mm



Art. No.	Attachment height (t fix)	Washer diameter	Package size	Packaging unit (VPE)
0903 876 041	10 m	20.0 mm	1200	100 PCS
0903 876 040	10 mm	15.0 mm	1200	100 PCS



Nail anchor EVO-Grip with connecting thread

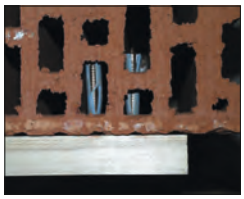
The specialists for quick and flexible fastening

Application area:
For screwing on pipe clamps, plastic clips etc.



Attachment height (t fix): 10 mm
Material: PA - Polyamide

Material of the nail: Steel
Surface: Galvanised



Art. No.	Type description	Anchor	Nominal drill hole	Drill hole depth	Embedding depth		Anchor	Anchor length (l)	Connectionthread	Package size	Packaging unit (VPE)
0903 886 040	END 6	6 x 40 mm	6 mm	35 mm	30 mm	6 mm	6 mm	40 mm	M6	1800	150 PCS
0903 888 045	END 8	8 x 45 mm	8 mm	45 mm	40 mm	8 mm	8 mm	45 mm	M8	900	150 PCS



Standard nail anchor with flat head

Application area:
Securing drywall profiles, angle brackets, panels, metal sheets, cable ducts and any components for non-recessed installation



Type description: with flat head
Internal drive: Z2
Material: PA - Polyamide
Material of the nail: Steel
Surface: Galvanised

Art. No.	Anchor diameter x anchor length (l)	Attachment height (t fix)	Nominal drill hole diameter	Drill hole depth	Embedding depth	Through-hole in the component to be connected (d f)	Anchor diameter	Anchor length (l)	Package size	Packaging unit (VPE)
0903 605 030	5 x 30 mm	5 mm	5 mm	30 mm	25 mm	5 mm	5 mm	30 mm	3000	250 PCS
0903 605 040	5 x 40 mm	15 mm	5 mm	30 mm	25 mm	5 mm	5 mm	40 mm	3000	250 PCS
0903 606 030	6 x 30 mm	1 mm	6 mm	35 mm	30 mm	6 mm	6 mm	30 mm	3000	250 PCS
0903 606 035	6 x 35 mm	5 mm	6 mm	36 mm	30 mm	6 mm	6 mm	35 mm		200 PCS
0903 606 040	6 x 40 mm	10 mm	6 mm	36 mm	30 mm	6 mm	6 mm	40 mm	2400	200 PCS
0903 606 060	6 x 60 mm	30 mm	6 mm	36 mm	30 mm	6 mm	6 mm	60 mm	1200	200 PCS

Standard nail anchor with countersunk head

Application area:
Securing substructures, wooden beams, laths, metal sheets and any components for recessed installation



Material: PA - Polyamide
Material of the nail: Steel
Surface: Galvanised

Art. No.	Type	Anchor	Attachment height (t fix)		Drill hole depth				Anchor	Anchor length (l)	Package size	Packaging unit (VPE)
0903 616 040	SND 6	6 x 40 mm	10 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	40 mm	2400	200 PCS
0903 616 060	SND 6	6 x 60 mm	30 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	60 mm	1200	200 PCS
0903 616 080	SND 6	6 x 80 mm	50 mm	6 mm	35 mm	30 mm	Z2	6 mm	6 mm	80 mm		200 PCS
0903 618 060	SND 8	8 x 60 mm	20 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	60 mm	900	150 PCS
0903 618 080	SND 8	8 x 80 mm	40 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	80 mm	900	150 PCS
0903 618 100	SND 8	8 x 100 mm	60 mm	8 mm	45 mm	40 mm	Z3	8 mm	8 mm	100 mm	600	100 PCS

Express nail EPN spring steel, galvanised

Advantages:
- Quick and easy installation for through-bolt mounting
- More temperature resistant than polyamide anchors
- reca Ø 6 nail sleeves are suitable for installing insulation when combined with metal discs



Application area:
For securing
window frames, lath substructures, sheet metal profiles and insulating material
to
concrete, solid brick, solid sand-lime brick and hard natural stone

Edge clearance (a r): 50 mm
Surface: Galvanised
Material: Spring steel

Art. No.	Type description	Anchor	Nominal drill hole	Drill hole depth	Embedding depth	Max. height of the fixture		Hole	Anchor	Anchor length (l)	Packaging unit (VPE)
0904 686 030	EPN 6	6 x 30 mm	6 mm	35 mm	27 mm	3 mm	60 mm	6.8 mm	6 mm	30 mm	100 PCS
0904 686 040	EPN 6	6 x 40 mm	6 mm	35 mm	30 mm	10 mm	60 mm	6.8 mm	6 mm	40 mm	100 PCS
0904 686 050	EPN 6	6 x 50 mm	6 mm	35 mm	30 mm	20 mm	60 mm	6.8 mm	6 mm	50 mm	100 PCS
0904 686 060	EPN 6	6 x 60 mm	6 mm	35 mm	30 mm	30 mm	60 mm	6.8 mm	6 mm	60 mm	100 PCS
0904 686 080	EPN 6	6 x 80 mm	6 mm	35 mm	30 mm	50 mm	60 mm	6.8 mm	6 mm	80 mm	100 PCS

Art. No.	Type descrip-tion	Anchor	Nominal drill hole	Drill hole depth	Embed-ding depth	Max. height of the fixture		Hole	Anchor	Anchor length (l)	Packaging unit (VPE)
0904 688 070	EPN 8	8 x 70 mm	8 mm	45 mm	40 mm	30 mm	80 mm	8.8 mm	8 mm	70 mm	100 PCS
0904 688 090	EPN 8	8 x 90 mm	8 mm	45 mm	40 mm	50 mm	80 mm	8.8 mm	8 mm	90 mm	100 PCS
0904 688 110	EPN 8	8 x 110 mm	8 mm	45 mm	40 mm	70 mm	80 mm	8.8 mm	8 mm	110 mm	100 PCS
0904 688 130	EPN 8	8 x 130 mm	8 mm	45 mm	40 mm	90 mm	80 mm	8.8 mm	8 mm	130 mm	50 PCS
0904 688 150	EPN 8	8 x 150 mm	8 mm	45 mm	40 mm	110 mm	80 mm	8.8 mm	8 mm	150 mm	50 PCS

Metal discs EPN, galvanised steel

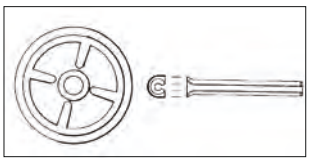
Advantages:

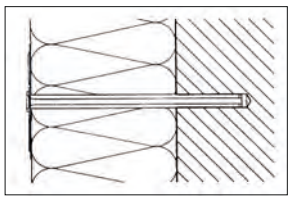
- Applying the metal disc creates an inseparable mounting element
- In this way, insulating materials can be installed quickly, easily and securely
- Compatible with nail sleeves Ø 6, nail anchors Ø 8 and others

Internal diameter: 8.5 mm
Outer diameter: 70.0 mm
Surface: Galvanised
Material: Sheet steel



Art. No.	Packaging unit (VPE)
0904 706 085	100 PCS





Plasterboard plug, Jet Plug

The specialist anchor for fixings in gypsum plasterboard and lightweight boards

Advantages:
- The bit holder permits slotted and Phillips recessed head drives, hence no tool change with almost all standard screws
- Fast, affordable mounting
- Jet Plug is also suitable for double panelling



Application area:
For securing
electrical installations, lighting, pictures, lightweight shelving etc.
to plasterboard, lightweight boards and aerated concrete.

Type description: Jet Plug
Anchor length (l): 39 mm
Material: Zamak
Required wood screw diameter (d scr.wood): 4 - 4.5 mm
Required bolt diameter (metric): M4

Art. No.	Packaging unit (VPE)
0905 801 012	100 PCS

Plasterboard plug, Fiber Jet

The specialist anchor for fixings in gypsum plasterboard and lightweight boards

Advantages:
- The bit mount takes slotted and Phillips drives eliminating the need to change tools for practically all conventional screws
- Rapid, economical mounting



Application area:
For securing
electrical installations, lighting, pictures, lightweight shelving etc.
to
plasterboard, lightweight boards and aerated concrete.

Type description: Fiber Jet
Material: ABS
Required wood screw diameter (d scr.wood): 4 - 5 mm

Art. No.	Packaging unit (VPE)
0905 801 010	100 PCS

Duo-Bit

Type description: Duo Bit
Tip size: PH2, PH3
Bit holder: 1/4 inch hexagon
Length: 50.0 mm

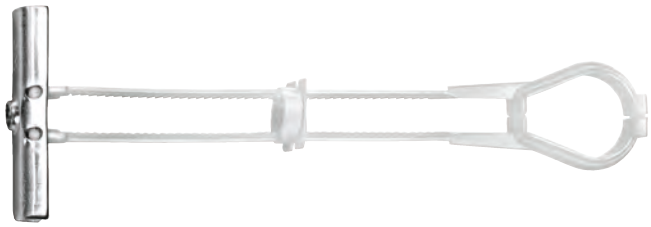


Art. No.	Packaging unit (VPE)
0905 801 001	3 PCS

Cavity anchor UNI

Universal mounting solution in particle boards

Product description:
Universal cavity anchor for quick and easy mounting in particle boards



Advantages:
- Universal application for board thicknesses of 10-70 mm
- Quick and easy fitting without setting tool
- Large load supporting surface ensures good holding power
- All types of metric screw heads can be used
- Immediate load-bearing capacity

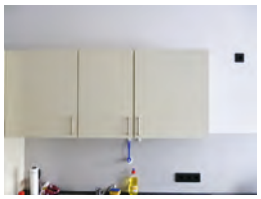
Application area:
For attachment in gypsum plasterboard, lightweight panels, fibre cement cladding, hollow block bricks

Field of Application:
For attaching electrical appliances, lighting, wall pictures, rails, shelves etc.

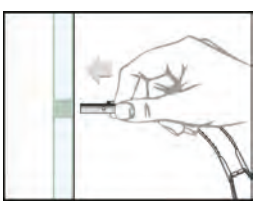
Advice:
Min. clearance behind panel: 51 mm
Place screws by hand with minimal contact pressure
Screws are not included in scope of delivery

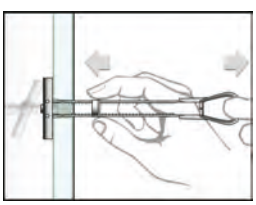
Type description: Cavity anchor UNI
Min./max. board thickness/mirror thickness (d a): 10-70 mm
Material: Steel / plastic
Surface: Galvanised

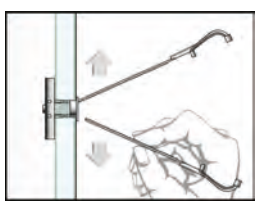
Art. No.	Thread type x anchor diameter	Nominal drill hole diameter	Recommended tensile load in plasterboard 9,5 mm	Recommended tensile load in plasterboard 2 x 9,5 mm	Recommended tensile load in plasterboard 12,5 mm	Recommended tensile load in plasterboard 2 x 12,5 mm	Packaging unit (VPE)
0905 100 004	M4	13	0.07 kN	0.15 kN	0.15 kN	0.30 kN	40 PCS
0905 100 005	M5	13	0.20 kN	0.40 kN	0.25 kN	0.50 kN	30 PCS
0905 100 006	M6	13	0.20 kN	0.40 kN	0.25 kN	0.50 kN	30 PCS
0905 100 008	M8	18/19	0.20 kN	0.40 kN	0.25 kN	0.50 kN	20 PCS

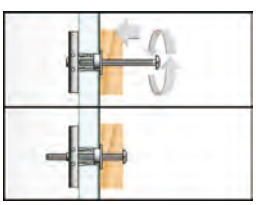










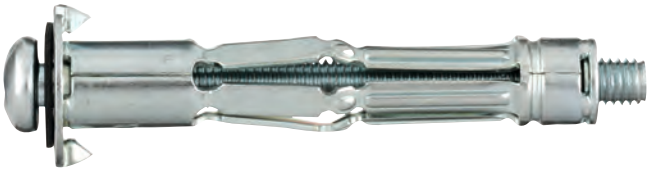


Metal cavity anchor MHD

The specialist anchor for maximum loads in gypsum plasterboard and lightweight boards

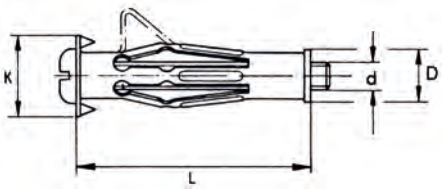
Advantages:

- Quick and easy installation
- Sturdy sheet steel sleeve for secure attachment
- Large expansion elements for secure attachment
- Anti-rotation feature on wall plug collar
- Once the anchor has expanded, the screw can be replaced by any metric screw or threaded rod of the same diameter



Application area:

For securing
electrical installations, lighting, pictures, light to medium-weight shelving, pipe clamps, brackets, frames and laths etc.,
to
plasterboard, lightweight boards, fibre cement cladding and hollow block bricks.

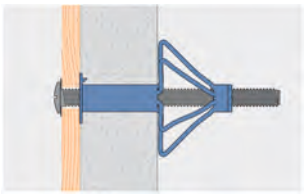


Surface: Galvanised
Material: Steel
Thread type: Metric thread



Art. No.	Type description	Thread type x nominal	Head type	Internal drive	External drive	Nominal drill hole	Min./ max. board thickness/ mirror thickness (d a)	Length	Sleeve length	Plunged hoss diameter	Packaging unit (VPE)
0905 204 14	MHD 4x32/9	M4 x 41 mm	Pan head	Z2+slot		8 mm	4-9 mm	41 mm	34.0 mm	13.5 mm	100 PCS
0905 204 15	MHD 4x38/16	M4 x 47 mm	Pan head	Z2+slot		8 mm	8-16 mm	47 mm	40.0 mm	13.5 mm	100 PCS
0905 204 26	MHD 4x46/22	M4 x 54 mm	Pan head	Z2+slot		8 mm	16-22 mm	54 mm	47.0 mm	13.5 mm	100 PCS
0905 204 40	MHD 4x59/38	M4 x 67 mm	Pan head	Z2+slot		8 mm	32-38 mm	67 mm	60.0 mm	13.5 mm	100 PCS
0905 205 12	MHD 5x37/13	M5 x 44 mm	Pan head	Z2+slot		10 mm	5-13 mm	44 mm	37.0 mm	16 mm	100 PCS
0905 205 16	MHD 5x52/18	M5 x 60 mm	Pan head	Z2+slot		10 mm	5-18 mm	60 mm	53.0 mm	16 mm	100 PCS
0905 205 32	MHD 5x65/32	M5 x 74 mm	Pan head	Z2+slot		10 mm	18-32 mm	74 mm	65.0 mm	16 mm	100 PCS
0905 205 45	MHD 5x80/45	M5 x 89 mm	Pan head	Z2+slot		10 mm	32-45 mm	89 mm	81.0 mm	16 mm	100 PCS
0905 206 12	MHD 6x37/12	M6 x 45 mm	Pan head	Z3+slot		12 mm	5-12 mm	45 mm	37.0 mm	17.5 mm	100 PCS
0905 206 16	MHD 6x52/18	M6 x 60 mm	Pan head	Z3+slot		12 mm	5-18 mm	60 mm	53.0 mm	17.5 mm	100 PCS
0905 206 32	MHD 6x65/32	M6 x 74 mm	Pan head	Z3+slot		12 mm	18-32 mm	74 mm	66.0 mm	17.5 mm	100 PCS
0905 206 45	MHD 6x80/45	M6 x 88 mm	Pan head	Z3+slot		12 mm	32-45 mm	88 mm	81.0 mm	17.5 mm	100 PCS
0905 208 16	MHD 8x55/18	M8 x 65 mm	Hexagon head		WS13	14 mm	5-18 mm	65 mm	55.0 mm	22 mm	100 PCS

Art. No.	Type description	Thread type x nominal	Head type	Internal drive	External drive	Nominal drill hole	Min./ max. board thickness/ mirror thickness (d a)	Length	Sleeve length	Plunged hoss diameter	Packaging unit (VPE)
0905 208 32	MHD 8x65/32	M8 x 75 mm	Hexagon head		WS13	14 mm	16-32 mm	75 mm	67.0 mm	22 mm	100 PCS
0905 208 45	MHD 8x80/45	M8 x 84 mm	Hexagon head		WS13	14 mm	32-45 mm	84 mm	82.0 mm	22 mm	100 PCS

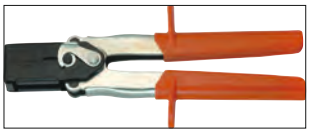


Setting tool for cavity anchors, MZ 8

Suitable for metal cavity dowel: MHD 4 - MHD 8



Art. No.	Type description	Packaging unit (VPE)
0905 20 1	Setting tool for cavity anchors, MZ 8 angled	1 PCS
0905 20 2	Setting tool for cavity anchors, MZ 8 straight	1 PCS

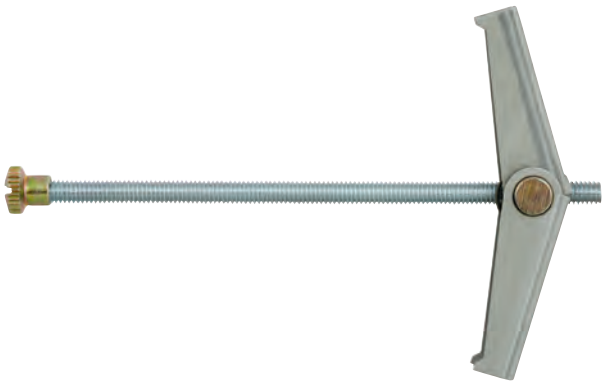


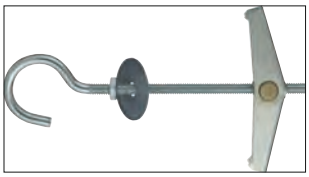
Spring toggle, galvanised steel

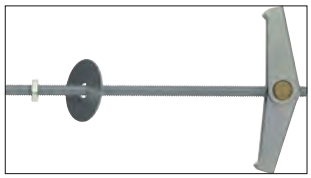
Advantages:
- Spring toggles require smaller cavity depths than toggle fixings
- The anchors are automatically expanded by spring force in any position
- Immediate load-bearing capacity

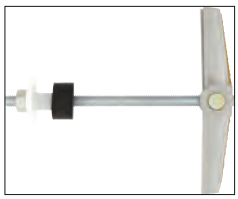
Application area:
The following versions can be used for attaching the listed elements
Sleeve nut: metal, wooden and plastic profiles, curtain rails etc. Hook: lamps, lights, hanging baskets, ceiling decorations, wall shelves etc.
Hexagon nut: spaced installations, shelves, wardrobes, lamps, ventilation, ducts, washbasins, wall-mounted WCs, urinals, suspended pipework etc.
to
all materials with sufficient cavity depth — refer to table for minimum cavity depths.

Surface: Galvanised
Material: Steel









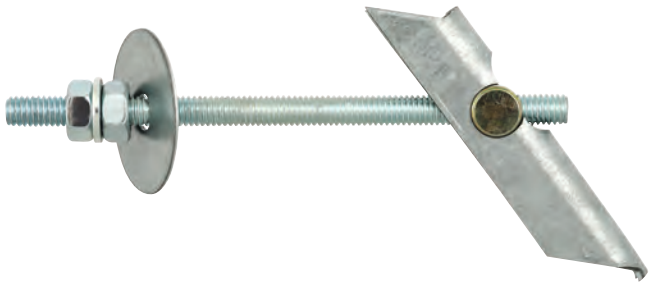
Art. No.	Thread diameter	Version	Anchor length (l)	Thread length (metric thread)	Nominal drill hole diameter	Minimum cavity depth (h)	Min. breaking force	Washer diameter	Packaging unit (VPE)
0904 203 085	3.0 mm	With knurled nut	85 mm	85.0 mm	11 mm	30 mm	1 kN		100 PCS
0904 204 095	4.0 mm	With knurled nut	95 mm	95.0 mm	14 mm	40 mm	2 kN		50 PCS
0904 304 095	4.0 mm	With washer and nut	95 mm	95.0 mm	14 mm	40 mm	2 kN	20.0 mm	50 PCS
0904 104 095	4.0 mm	With washer, nut and hook	95 mm	70.0 mm	14 mm	40 mm	0.3 kN	20.0 mm	50 PCS
0904 310 180	10.0 mm	With washer, sealing washer and hexagon nut	180 mm	180.0 mm	30 mm	90 mm	11 kN		25 PCS

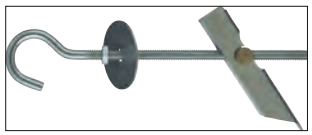
Toggle fixing, galvanised steel

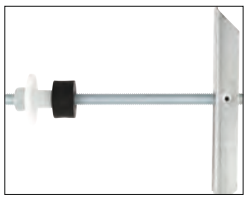
Advantages:
- Locks automatically into the substrate
- The threaded rods are adjustable, allowing gradients (piping) to be created using different screw-in depths
- Immediate load-bearing capacity

Application area:
The following versions can be used for attaching the listed elements
Hook: lamps, lights, hanging baskets, ceiling decorations, wall shelves etc.
Hexagon nut: spaced installations, shelves, wardrobes, lamps, ventilation, ducts, washbasins, wall-mounted WCs, urinals, suspended pipework etc.
to
all materials with sufficient cavity depth — refer to table for minimum cavity depths.

Surface: Galvanised
Material: Steel





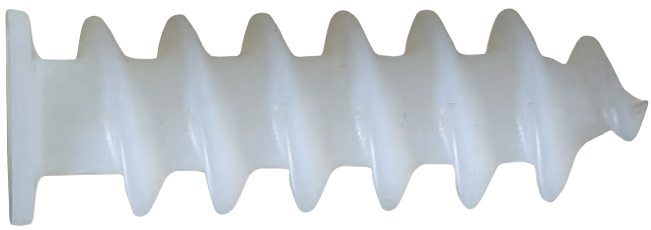


Art. No.	Version	Thread diameter	Anchor length (l)	Thread length (metric thread)	Nominal drill hole diameter	Minimum cavity depth (h)	Min. breaking force	Washer diameter	Packaging unit (VPE)
0904 505 100	With washer and nut	5.0 mm	100 mm	100.0 mm	15 mm	66 mm	5.0 kN	30.0 mm	25 PCS
0904 506 100	With washer and nut	6.0 mm	100 mm	100.0 mm	17 mm	71 mm	6.3 kN	30.0 mm	25 PCS
0904 508 100	With washer and nut	8.0 mm	100 mm	100.0 mm	20 mm	75 mm	13 kN	30.0 mm	25 PCS
0904 405 130	With washer, nut and hook	5.0 mm	130 mm	95.0 mm	15 mm	66 mm	0.8 kN	30.0 mm	25 PCS
0904 406 130	With washer, nut and hook	6.0 mm	130 mm	95.0 mm	17 mm	71 mm	1 kN	30.0 mm	25 PCS
0904 510 180	With washer, sealing washer and hexagon nut	10.0 mm	180 mm	180.0 mm	30 mm	140 mm	12 kN		25 PCS

Insulation anchor ID

The specialist anchor for fixings in polystyrene and rigid foam panels

Material: PE - Polyethylene
Nominal drill diameter (d 0) - condition: Do not pre-drill
Max. temperature resistance: -20 °C
Min. temperature resistance: 100 °C
Colour: White
Resistance against: Aging, Rotting, Weather

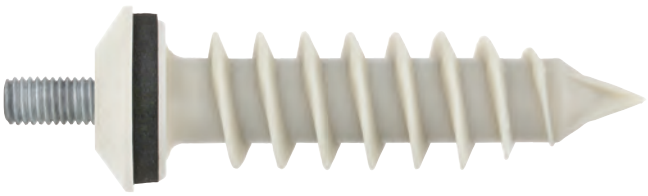


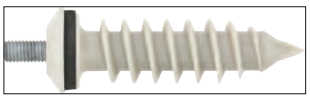
Art. No.	Type description	Anchor diameter	Anchor length (l)	Drill hole diameter in plaster/ cladding sheet metal (d)	Required wood screw diameter (d scr.wood)	Required bolt diameter (metric)	Embedding depth	Max. screw-in depth (d a)	Packaging unit (VPE)
0902 001 050	ID 50	18 mm	50 mm	18 mm	4 - 5 mm	M4	50 mm	40 mm	50 PCS
0902 001 095	ID 95	30 mm	95 mm	30 mm	8 - 10 mm	M8	95 mm	70 mm	25 PCS

Insulation anchor ID set

The specialist anchor for mounting in polystyrene and rigid foam panels

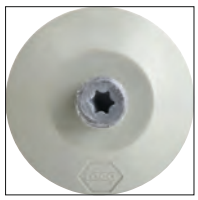
Product description:
This pre-mounted insulation anchor is a mounting solution developed for composite thermal insulation systems with a 100-mm insulation. Pipe clamps with an M10 threaded connection are mounted on the RECA insulation anchor ID 95 VM. These clamps are then used to mount downpipes for roof drainage. The RECA insulation anchor ID 95 VM is equipped with a drill tip. This enables it to be mounted directly into most composite thermal insulation systems after plastering, even without pre-drilling. Can be mounted before as well as after plastering in composite thermal insulation systems made from rigid foam panels, polystyrene panels, Styrofoam panels, Heraklith panels and in wood fibre insulating panels (all pre-drilled 14 mm). The threaded connection M10 is hot-dip galvanised and therefore offers long-term protection against corrosion. The threaded connection M10 is permanently pre-mounted to guarantee a wall spacing of the downpipe of at least 2 cm, as required in the technical regulations of the Central Federation for the German Roofing Trade (ZVDH). The supplied covering rosette guarantees a clean connection and is also fitted with an EPDM sealing washer, which protects from moisture. The covering rosette is made from UV-resistant plastic, which can be painted with almost all façade paints. The female thread enables the rosette to be mounted or adjusted.







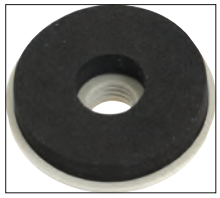
Advantages:
- Drill tip – mounted before and after plastering – no pre-drilling in plaster required
- Hot-dip galvanised threaded connection – long-term protection against corrosion
- Covering rosette with EPDM seal – flexibly adjustable – can be painted over – clean wall connection





Application area:
For mounting pipe clamps with M10 connecting thread to composite thermal insulation systems

Field of Application:
For mounting pipe clamps with an M10 female threaded connection in composite thermal insulation systems made from rigid foam panels, polystyrene panels, Styrofoam panels, Heraklith panels and in wood fibre insulating panels (pre-drilling to 14 mm required). Can be mounted before or after plastering.





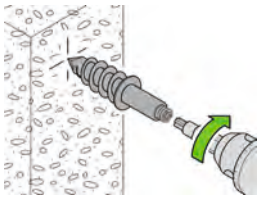
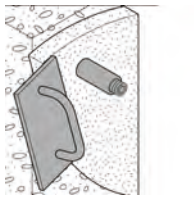
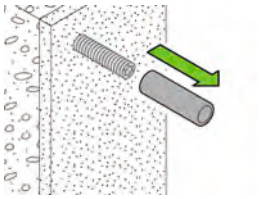
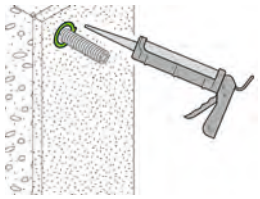
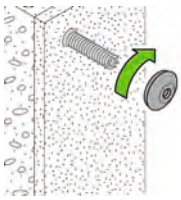
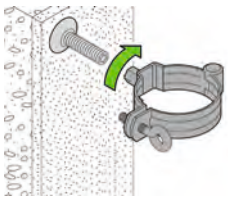
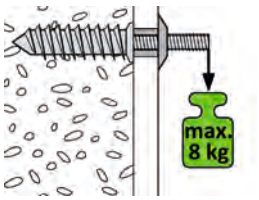
Content remark: 1 packing unit = 16 piece insulation anchor pre-mounted with M10 connecting thread including covering rosettes with EPDM seal and thread protection grommets
Type description: ID 95 VM
Anchor length (l): 98 mm
Material: PA - Polyamide
Gasket material: Ethylene propylene diene terpolymer rubber
Material of the screw: Steel
Surface of the screw: Hot-dip galvanised
Thread diameter of screw (d thr): 10 mm
Anchor diameter: 33 mm



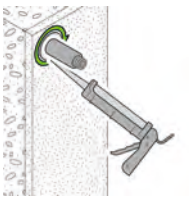
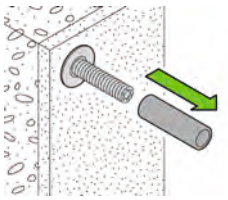
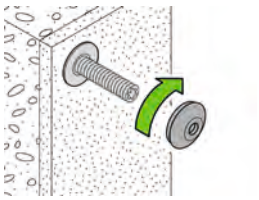
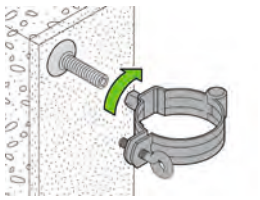
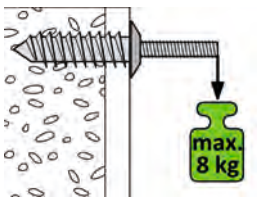


Colour: Grey
Minimum component thickness: 100 mm
Embedding depth: 98 mm
Min. temperature resistance: -20 °C
Max. temperature resistance: 100 °C

Art. No.	Packaging unit (VPE)
0902 002 195	1 PCS



Setting tools for insulation anchor ID

Type description: Bit for ID 50
Tip size: PH2
Bit holder: 1/4 inch hexagon
Length: 70.0 mm



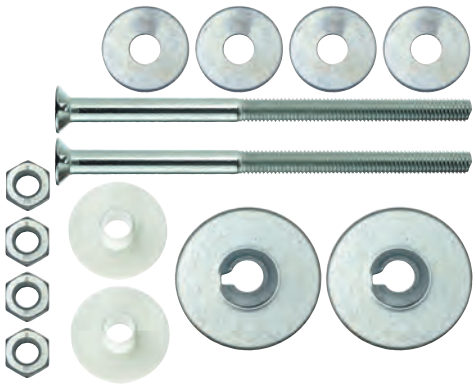
Art. No.	Packaging unit (VPE)
0902 001 051	3 PCS

Special fixings

Product description:
Special fixings for thin walls in sanitary areas and in general installations. Objects are easy to secure thanks to the large rear contact area (of the 65 mm washer).

Application area:
For securing
boilers, brackets, medium-weight shelves, washbasins,
to
thin walls (through-bolt mounting), if the rear side is accessible.

Content remark: 2x countersunk head screws DIN 604 with nib M 10 x 160
2x washers DM 65 mm with adapter for snug bolts
4x nuts M 10
4x washers DM 34 mm
2x plastic washers with collar



Art. No.	Packaging unit (VPE)
0905 900 690	1 PCS

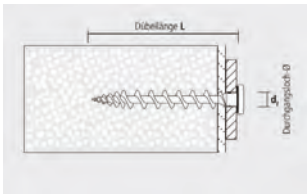
Insulation panel screw IPS

Product description:
Special screw anchor for quick and simple direct mounting of wall connecting strips and lightweight parts in composite thermal insulation systems without pre-drilling

Advantages:
- TX drive – fast and simple setting
- Tapered drill tip – pre-drilling in plaster no longer required
- Very pronounced threads – high holding values in WDVS
- Head access bore – additional mounting possible with 3.0-3.5-mm diameter particle board screws
- EPDM seal – optimum, ageing-resistant seals

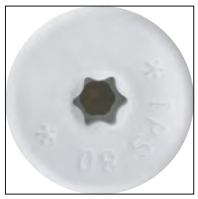
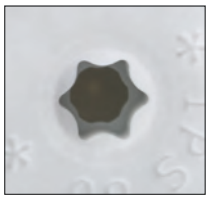
Field of Application:
For mounting wall connection profiles, sheets, plinth protective strips, moulding covers, lighting, letterboxes, signs, etc.
in composite thermal insulation systems e.g. rigid foam panels, polystyrene panels, Styrofoam, etc.





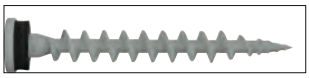
Advice:
Screw lengths for head access bore = 10 mm + component thickness
For very hard layers of plastic with 5 mm pre-drilling/punching

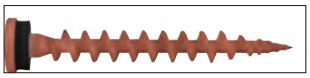
Type description: IPS
Anchor length (l): 79.5 mm
Head diameter: 16 mm
Internal drive: TX25
Through-hole in the component to be connected (d f): 8/10 mm
Minimum component thickness (d): 80 mm
Material: PA 6 GF30 - Polyamide
Gasket material: Ethylene propylene diene terpolymer rubber

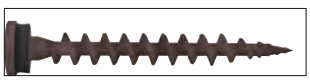
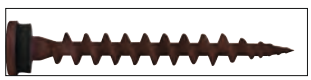



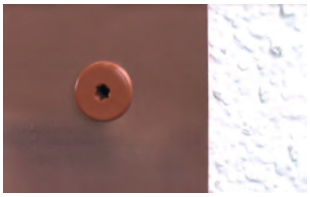


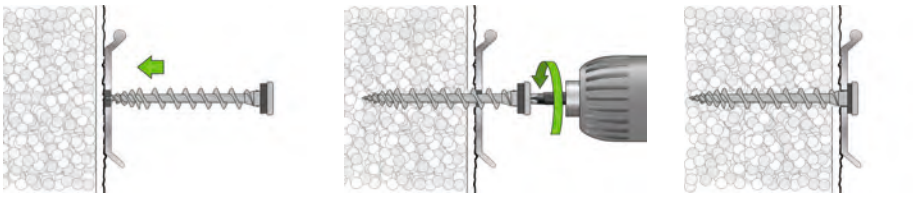

Art. No.	Colour	Packaging unit (VPE)
0902 010 005	Anthracite grey RAL 7016	100 PCS
0902 010 007	Chocolate brown RAL 8017	100 PCS
0902 010 004	Copper brown RAL 8004	100 PCS
0902 010 006	Sepia brown RAL 8014	100 PCS
0902 010 002	Signal white RAL 9003	100 PCS
0902 010 001	Telegrey 1 RAL 7045	100 PCS
0902 010 003	Traffic black RAL 9017	100 PCS







Metal frame anchor TU10

For secure and rapid installation of window and door frames



Advantages:

- Striking shoulder on screw head prevents premature expansion when knocking in
- Cone lock reliably prevents joint rotation and dropping out of the sleeve
- TU 10: European Technical Approval
- TU 10 and TK 10: Fire protection R120
- Countersunk head for easy countersinking into the window frame

Application area:

For securing window and door frames made of wood, plastic and aluminium in concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other pressure-resistant solid materials. TK 10 also on vertically perforated brick, hollow sand-lime brick and hollow block produced from lightweight concrete.

Type description: TU 10
Nominal drill hole diameter: 10 mm
Drill hole depth: 55 mm
Embedding depth: 40 mm
Hole diameter in component (d Bau): 10.5 mm
Head type: Countersunk head
Internal drive: Z3
Surface: Galvanised
Material: Steel
Anchor diameter: 10 mm

Brandschutz R120

ETA-09/0238

Art. No.	Anchor diameter x anchor length (l)	Max. height of the fixture	Anchor length (l)	Packaging unit (VPE)
0906 210 072	10 x 72 mm	30 mm	72 mm	100 PCS
0906 210 092	10 x 92 mm	50 mm	92 mm	100 PCS
0906 210 112	10 x 112 mm	70 mm	112 mm	100 PCS
0906 210 132	10 x 132 mm	90 mm	132 mm	100 PCS
0906 210 152	10 x 152 mm	110 mm	152 mm	100 PCS
0906 210 182	10 x 182 mm	140 mm	182 mm	100 PCS
0906 210 202	10 x 202 mm	160 mm	202 mm	100 PCS

Combi metal frame anchor TK 10

For secure and rapid installation of window and door frames



Advantages:

- Striking shoulder on screw head prevents premature expansion when knocking in
- Cone lock reliably prevents joint rotation and dropping out of the sleeve
- TU 10 and TK 10: Fire protection R120
- Countersunk head for easy countersinking into the window frame

Application area:

For securing window and door frames made of wood, plastic and aluminium in concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other pressure-resistant solid materials. TK 10 also on vertically perforated brick, hollow sand-lime brick and hollow block produced from lightweight concrete.

Type description: TK 10
Nominal drill hole diameter: 10 mm
Drill hole depth: 70 mm
Embedding depth: 65 mm
Hole diameter in component (d Bau): 10.5 mm
Head type: Countersunk head
Internal drive: Z3
Surface: Galvanised
Material: Steel, case-hardened
Anchor diameter: 10 mm

Art. No.	Anchor diameter x anchor length (l)	Max. height of the fixture	Anchor length (l)	Packaging unit (VPE)
0906 310 112	10 x 112 mm	45 mm	112 mm	100 PCS
0906 310 132	10 x 132 mm	65 mm	132 mm	100 PCS
0906 310 152	10 x 152 mm	85 mm	152 mm	100 PCS
0906 310 182	10 x 182 mm	115 mm	182 mm	100 PCS
0906 310 202	10 x 202 mm	135 mm	202 mm	100 PCS

2

Cover caps for metal frame anchor

For secure and rapid installation of window and door frames

Advantages:
- Striking shoulder on screw head prevents premature expansion when knocking in
- Cone lock reliably prevents joint rotation and dropping out of the sleeve
- TU 10: European Technical Approval
- TU 10 and TK 10: Fire protection R120
- Countersunk head for easy countersinking into the window frame

Application area:
For securing
wooden, plastic and aluminium window and door frames
to
concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other solid materials. TK 10 also on vertically perforated brick, hollow sand-lime brick and hollow block produced from lightweight concrete.

Type description: Cover caps









Art. No.	Version	Colour	Outer diameter	Stud diameter	Packaging unit (VPE)
0906 415 01	Flat	Pure white RAL 9010	15.0 mm	4.1 mm	100 PCS
0906 417 04	Overlapping	Mahogany RAL 8016	16.0 mm	4.2 mm	100 PCS
0906 417 03	Overlapping	Ochre brown RAL 8001	16.0 mm	4.2 mm	100 PCS
0906 417 01	Overlapping	Pure white RAL 9010	16.0 mm	4.2 mm	100 PCS

Turbo screw, universal, head Ø 11.5, galvanised

Self-tapping screw for dowel-free window installation

Advantages:
- Easy to screw in due to cutting grooves in the thread
- Tensionless connection and no expansion pressure
- Continuous thread suitable for all window frame types and masonry types
- Optimum load transfer and grip of the bit due to TX drive

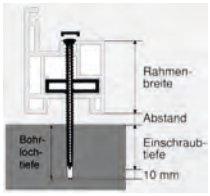


Application area:
For securing
wooden, plastic and aluminium window and door frames
to
concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other solid materials, vertically perforated brick, perforated

sand-lime brick and hollow lightweight concrete blocks.

Diameter: 7.5 mm
Head type: Flat head
Internal drive: TX30
Head diameter: 11 mm

Art. No.	Type description	Length	Packaging unit (VPE)
0233 775 042	TS-U	42 mm	100 PCS
0233 775 072	TS-U	72 mm	100 PCS
0233 775 092	TS-U	92.0 mm	100 PCS
0233 775 112	TS-U	112.0 mm	100 PCS
0233 775 132	TS-U	132.0 mm	100 PCS
0233 775 152	TS-U	152.0 mm	100 PCS
0233 775 182	TS-U	182.0 mm	100 PCS
0233 775 212	TS-U	212.0 mm	100 PCS
0233 775 252	Universal	252.0 mm	100 PCS
0233 775 302	Universal	302.0 mm	100 PCS



Turbo screw, wood, head Ø 7.5, galvanised

Self-tapping screw for dowel-free window installation

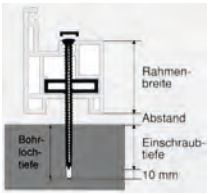


Advantages:
- Easy to screw in due to cutting grooves in the thread
- Tensionless connection and no expansion pressure
- Continuous thread suitable for all window frame types and masonry types
- Optimum load transfer and grip of the bit due to TX drive

Application area:
For securing
wooden, plastic and aluminium window and door frames
to
concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other solid materials, vertically perforated brick, perforated sand-lime brick and hollow lightweight concrete blocks.

Type description: TS-H
Diameter: 7.5 mm
Head type: Cheese head
Internal drive: TX25
Head diameter: 7.5 mm

Art. No.	Length	Packaging unit (VPE)
0233 875 072	72.0 mm	100 PCS
0233 875 092	92.0 mm	100 PCS
0233 875 112	112.0 mm	100 PCS
0233 875 132	132.0 mm	100 PCS
0233 875 152	152.0 mm	100 PCS
0233 875 182	182.0 mm	100 PCS
0233 875 212	212.0 mm	100 PCS



Cover caps for turbo screw, plastic

Self-tapping screw for dowel-free window installation

Advantages:

- Easy to screw in due to cutting grooves in the thread
- Tensionless connection and no expansion pressure
- Continuous thread suitable for all window frame types and masonry types
- Optimum load transfer and grip of the bit due to TX drive

Application area:
For securing
wooden, plastic and aluminium window and door frames
to
concrete, lightweight concrete, solid brick, sand-lime brick, aerated concrete, natural stone and other solid materials, vertically perforated brick, perforated sand-lime brick and hollow lightweight concrete blocks.



Art. No.	Colour	Packaging unit (VPE)
0590 110	Nut brown RAL 8011	100 PCS
0590 11	Pure white RAL 9010	100 PCS









Roof nail dowel TDN

The ceiling nail anchor is the quick solution for installations in concrete, natural stone, solid sand-lime brick and solid brick.

Advantages:

- Quick, easy installation.
- Small drill hole diameter and shallow anchorage depth.
- Facilitates through-bolt mounting.

Application area:
For securing suspended ceilings and structurally comparable anchorages
to
reinforced or unreinforced standard concrete with a minimum strength class of C20/25 and maximum strength class of C50/55.



Nominal drill-bit diameter (d 0): 6 mm
Drill hole depth (h 1): 40 mm
Effective anchoring depth (h ef): 35 mm
Minimum component thickness (h min): 80 mm
Surface: Galvanised
Material: Steel

ETA-06/259

Art. No.	Type description	Anchor diameter x anchor length (l)	Max. attachment height (t fix)	Packaging unit (VPE)
0904 006	TDN 6/4.5	6 x 35 mm	5 mm	100 PCS
0904 006 065	TDN 6/35	6 x 65 mm	35 mm	100 PCS

Hollow roof anchor Easy, steel, galvanised

Anchor with female thread in hollow pre-stressed concrete ceilings

Product description:
The Reca hollow roof anchor Easy has been specifically developed and approved for use in hollow pre-stressed concrete ceilings. Expansion cone and sleeve are made from a single piece. When tightened, the cone is released from the sleeve and drawn into it. This causes the anchor to expand in cavities or brace itself in solid concrete.



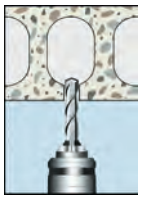
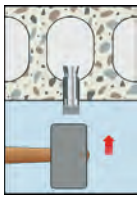


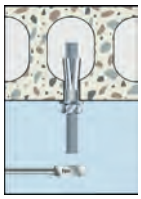
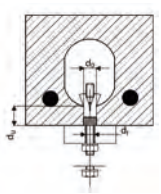
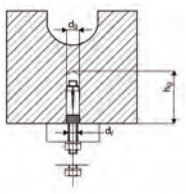
Advantages:
- Free choice of attachment point due to secure function in both hollow cavities and solid concrete
- Flexible use with threaded rods and nuts or using hexagonal bolts
- Easy installation — no special tools required
- Immediate load-bearing capacity — no waiting
- High permissible loads

Application area:
For securing
threaded rods, cable conduits, pipes, ventilation ducts, suspended ceilings, sprinkler systems etc.
in
hollow-core ceilings made from pre-stressed concrete with strength class B55 or C45/55

Surface: Galvanised
Material: Steel

Art. No.	Type description	Anchor diameter x anchor length (l)	Sleeve length	Required stud-bolt length (l B) — text	Required screw length (l s) .- condition	Nominal drill-bit diameter (d 0)	Torque during anchoring (T inst)	Thread type x nominal diameter	Packaging unit (VPE)
0908 706 30	Easy M6	6 x 40 mm	30 mm	47 + thick-ness of the add-on part (t fix)	42 mm + thickness of the add-on part (t fix)	10 mm	10 Nm	M6	50 PCS
0908 708 35	Easy M8	8 x 44 mm	35 mm	53 + thick-ness of the add-on part (t fix)	47 mm + thickness of the add-on part (t fix)	12 mm	20 Nm	M8	50 PCS
0908 710 40	Easy M10	10 x 53 mm	40 mm	63 + thick-ness of the add-on part (t fix)	55 mm + thickness of the add-on part (t fix)	16 mm	30 Nm	M10	50 PCS
0908 712 45	Easy M12	12 x 58 mm	45 mm	71 + thick-ness of the add-on part (t fix)	61 mm + thickness of the add-on part (t fix)	18 mm	40 Nm	M12	25 PCS

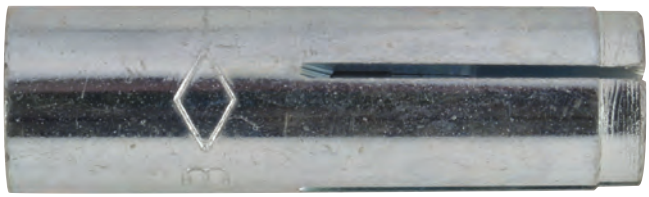



Hammerset anchor E, steel, galvanised

For use in non-cracked concrete and suspended ceilings

Product description:
The E hammerset anchor is a drop-in anchor for pre-mounting that is flush-mounted in concrete surfaces. The expander tool is used to drive in the deformation-controlled cone. This expands the anchor to embed it securely in a range of building materials of different strengths. The installed component can be removed and remounted without affecting load capacity.



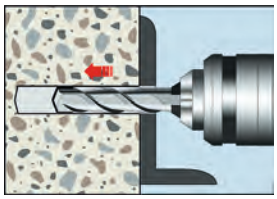
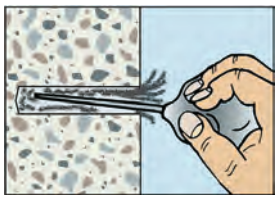
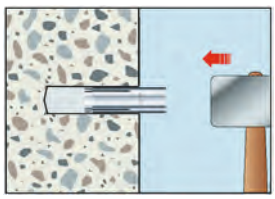
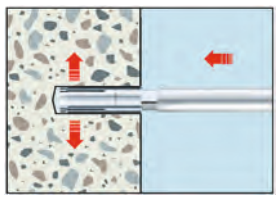
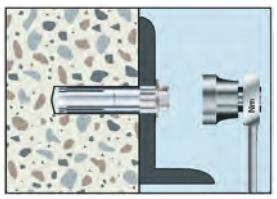
Advantages:
- Small drill hole depth, high load-bearing capacity
- Two-stage expansion cone for reduced centre-to-centre distances and edge distances
- Easy installation with minimal driving effort even in high-strength building materials or when using worn drills
- Immediate load-bearing capacity — no waiting
- Fixings can be removed from the flush-mounted anchor
- No load testing required (see ETA approvals)

Application area:
For securing
threaded rods, cable conduits, pipes, mounting rails, ventilation ducts, sus-

pended ceilings, sprinkler systems, metal structures, grilles, formwork supports etc.
to
standard concrete with a strength class of ≥ C20/25 and ≤ C50/60

Material: Steel
Surface: Galvanised

Art. No.	Type descrip-tion	Anchor diameter x anchor length (l)	Drill hole depth	Outer diameter	Min. required screw-in depth	Nominal drill-bit diameter (d 0)	Min. centre-	Min. edge clea-rance (c min)	Anchor length (l)	Through-hole in the com-ponent to be	Packaging unit (VPE)
0904 85	E M5	5 x 25 mm	25 mm	8 mm	6 mm	8 mm	60 mm	95 mm	25 mm	6 mm	100 PCS
0904 86	E M6	6 x 30 mm	30 mm	8 mm	7 mm	8 mm	55 mm	95 mm	30 mm	7 mm	100 PCS
0904 88	E M8	8 x 30 mm	30 mm	10 mm	9 mm	10 mm	60 mm	95 mm	30 mm	9 mm	100 PCS
0904 810	E M10	10 x 40 mm	40 mm	12 mm	11 mm	12 mm	100 mm	135 mm	40 mm	12 mm	50 PCS
0904 812	E M12	12 x 50 mm	50 mm	15 mm	13 mm	15 mm	120 mm	165 mm	50 mm	14 mm	50 PCS
0904 816	E M16	16 x 65 mm	65 mm	20 mm	18 mm	20 mm	150 mm	200 mm	65 mm	18 mm	25 PCS

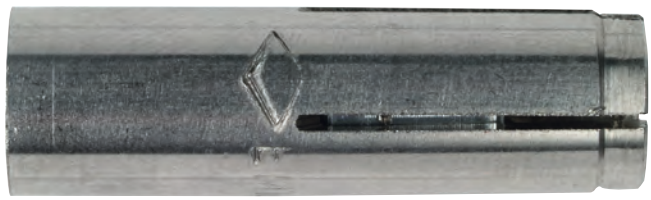








E hammerset anchor, A4

For use in non-cracked concrete and suspended ceilings

Product description:
The E A4 hammerset anchor is a stainless steel drop-in anchor for pre-mounting that is flush-mounted in concrete surfaces. The expander tool is used to drive in the deformation-controlled cone. This expands the anchor to embed it securely in a range of building materials of different strengths. The installed component can be removed and remounted without affecting load capacity.



Advantages:
- Small drill hole depth, high load-bearing capacity
- Two-stage expansion cone for reduced centre-to-centre distances and edge

distances
- Easy installation with minimal driving effort even in high-strength building materials or when using worn drills
- Immediate load-bearing capacity — no waiting
- Fixings can be removed from the flush-mounted anchor
- No load testing required (see ETA approvals)

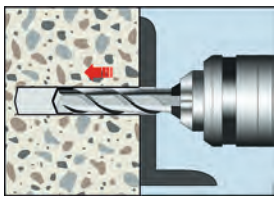


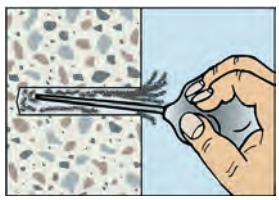


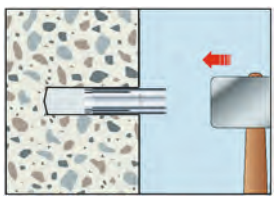
Application area:
For securing
threaded rods, cable conduits, pipes, mounting rails, ventilation ducts, suspended ceilings, sprinkler systems, metal structures, grilles, formwork supports etc.
to
standard concrete with a strength class ≥ C20/25 and ≤ C50/60, also for use outdoors or in wet rooms if conditions are not particularly aggressive.

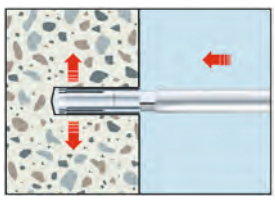
Material: Stainless steel A4

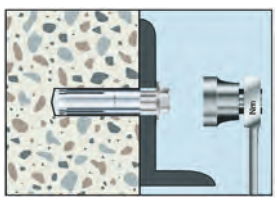
Art. No.	Type description	Anchor diameter x anchor length (l)	Outer diameter	Min. required screw-in depth	Nominal drill-bit diameter (d 0)	Drill hole depth	Min. centre-	Min. edge clearance (c min)	Anchor length (l)	Female-thread length	Packaging unit (VPE)
0904 96	E A4 M6	6 x 30 mm	8 mm	7 mm	8 mm	30 mm	50 mm	80 mm	30 mm	13 mm	100 PCS
0904 98	E A4 M8	8 x 30 mm	10 mm	9 mm	10 mm	30 mm	60 mm	95 mm	30 mm	13 mm	100 PCS
0904 910	E A4 M10	10 x 40 mm	12 mm	11 mm	12 mm	40 mm	100 mm	135 mm	40 mm	15 mm	50 PCS
0904 912	E A4 M12	12 x 50 mm	15 mm	13 mm	15 mm	50 mm	120 mm	165 mm	50 mm	18 mm	50 PCS
0904 916	E A4 M16	16 x 65 mm	20 mm	18 mm	20 mm	65 mm	150 mm	200 mm	65 mm	23 mm	25 PCS









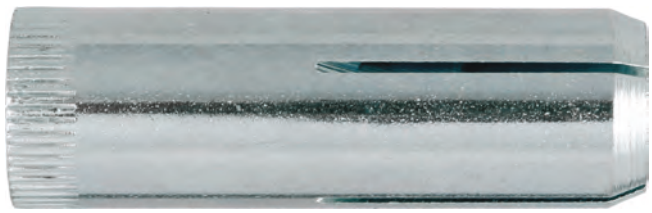


E hammerset anchor, galvanised steel

Ideal for attaching diamond drills and saw blades to concrete

Advantages:

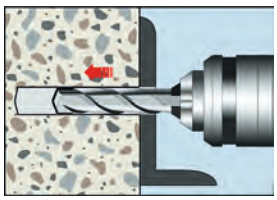
- Solid wall plug body with 16 mm external diameter
- High shearing load due to large steel cross-section
- Hammerset anchor with increased steel failure load
- Greater safety margins when anchoring core drills
- For recommended loads, see EM 12 hammerset anchor (permissible loads)
- For use with expander tool E-SW 12

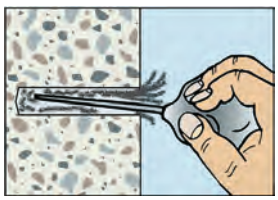


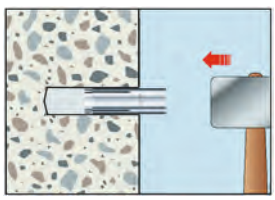
Application area:
For attaching diamond drills and saw blades to concrete

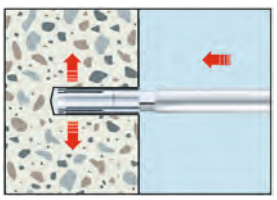
Type description: ED M12 D
Anchor diameter x anchor length (l): 16 x 54 mm
Min. required screw-in depth: 13 mm
Nominal drill-bit diameter (d 0): 16 mm
Drill hole depth: 50 mm
Min. centre-to-centre distance (s min): 120 mm
Min. edge clearance (c min): 165 mm
Anchor length (l): 54 mm
Female-thread length: 18 mm
Material: Steel
Anchor diameter: 16 mm
Surface: Galvanised

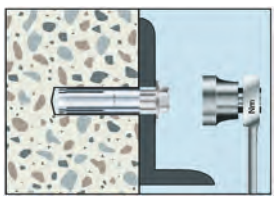
Art. No.	Packaging unit (VPE)
0904 812 16	50 PCS













E-SW expander tool

Application area:
For expanding the E, ED and E A4 hammerset anchor



Material: Steel
Surface: Galvanised

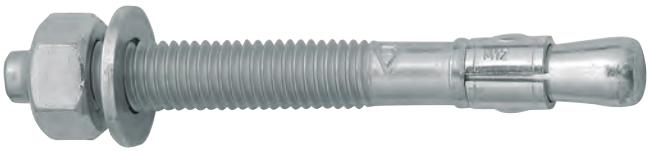
Art. No.	Type description	Suitable for anchor diameter	Packaging unit (VPE)
0904 805	E-SW 5	5 mm	1 PCS
0904 806	E-SW 6	6 mm	1 PCS
0904 808	E-SW 8	8 mm	1 PCS
0904 801 0	E-SW 10	10 mm	1 PCS
0904 801 2	E-SW 12	12 mm	1 PCS
0904 801 6	E-SW 16	16 mm	1 PCS

Stud anchor, galvanised steel

The perfect anchor for quick, reliable fixings in non-cracked concrete and for suspended ceilings

Advantages:

- High permissible loads with low centre and edge distances
- Simple and quick push-through mounting
- Long thread for flexible use with various clamping widths
- Reduced anchorage depths allowed such as with reinforced concrete or reduced loads



Application area:

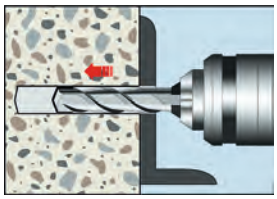
For securing
supports, beams, metal structures, brackets, cable conduits, mounting rails, suspended ceilings etc.
to
non-cracked standard concrete with a strength class of ≥ C20/25 and ≤ C50/60.

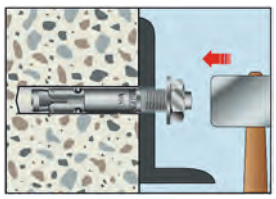
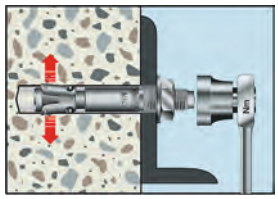
Material: Steel
Material of the bracing clip: Stainless steel A2
Surface: Galvanised

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0909 006 005	B 6, 5/40*	6 x 40 mm	5 mm		6.00 mm		35 mm		27 mm		100 PCS
0909 006 010	B 6, 10-20/67	6 x 67 mm	10 mm	20 mm	6.00 mm	55 mm	45 mm	49 mm	39 mm	40 mm	100 PCS
0909 006 025	B 6, 25-35/82	6 x 82 mm	25 mm	35 mm	6.00 mm	55 mm	45 mm	49 mm	39 mm	40 mm	100 PCS
0909 008 005	B 8, 5/50*	8 x 50 mm	5 mm		8.00 mm		45 mm		35 mm		100 PCS
0909 008 010	B 8, 10-19/75	8 x 75 mm	10 mm	19 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS
0909 008 015	B 8, 15-24/80	8 x 80 mm	15 mm	24 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS
0909 008 020	B 8, 20-29/85	8 x 85 mm	20 mm	29 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS
0909 008 025	B 8, 25-34/90	8 x 90 mm	25 mm	34 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0909 008 030	B 8, 30-39/95	8 x 95 mm	30 mm	39 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS
0909 008 045	B 8,	8 x 110 mm	45 mm	54 mm	8.00 mm	65 mm	65 mm	56 mm	47 mm	44 mm	100 PCS
0909 008 055	B 8,	8 x 120 mm	55 mm	64 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	100 PCS
0909 010 006	B 10, 10/60*	10 x 60 mm	10 mm		10.00 mm		50 mm		40 mm		50 PCS
0909 010 010	B 10, 10-16/85	10 x 85 mm	10 mm	16 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 020	B 10, 20-26/95	10 x 95 mm	20 mm	26 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 030	B 10,	10 x 105 mm	30 mm	36 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 045	B 10,	10 x 120 mm	45 mm	51 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 050	B 10,	10 x 125 mm	50 mm	56 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 070	B 10,	10 x 145 mm	70 mm	76 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 100	B 10, 100-106/175	10 x 175 mm	100 mm	106 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 010 140	B 10, 140-146/215	10 x 215 mm	140 mm	146 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	25 PCS
0909 010 015	B 10-15-21/90	10 x 90 mm	15 mm	21 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	50 PCS
0909 012 005	B 12, 5/75*	12 x 75 mm	5 mm		12.00 mm		65 mm		55 mm		25 PCS
0909 012 010	B 12,	12 x 105 mm	10 mm	25 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 009	B 12, 13/95	12 x 95 mm	0 mm	13 mm	12.00 mm		75 mm		67 mm		25 PCS
0909 012 020	B 12,	12 x 115 mm	20 mm	35 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 030	B 12,	12 x 125 mm	30 mm	45 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 050	B 12,	12 x 145 mm	50 mm	65 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 065	B 12,	12 x 160 mm	65 mm	80 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 085	B 12,	12 x 180 mm	85 mm	100 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 105	B 12, 105-120/200	12 x 200 mm	105 mm	120 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 125	B 12, 125-140/220	12 x 220 mm	125 mm	140 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 012 145	B 12, 145-160/240	12 x 240 mm	145 mm	160 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	20 PCS
0909 012 160	B 12, 160-175/255	12 x 255 mm	160 mm	175 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	20 PCS
0909 012 015	B 12-15-30/110	12 x 110 mm	15 mm	30 mm	12.00 mm	90 mm	75 mm	82 mm	67 mm	65 mm	25 PCS
0909 016 015	B 16, 13/115	16 x 115 mm	0 mm	13 mm	16.00 mm		95 mm		84 mm		20 PCS
0909 016 030	B 16,	16 x 150 mm	30 mm	48 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	20 PCS
0909 016 060	B 16,	16 x 180 mm	60 mm	78 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	20 PCS

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0909 016 080	B 16,	16 x 200 mm	80 mm	98 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	10 PCS
0909 016 100	B 16, 100-118/220	16 x 220 mm	100 mm	118 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	10 PCS
0909 016 130	B 16, 130-148/250	16 x 250 mm	130 mm	148 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	10 PCS
0909 016 165	B 16, 165-183/285	16 x 285 mm	165 mm	183 mm	16.00 mm	110 mm	95 mm	102 mm	84 mm	82 mm	10 PCS
0909 020 020	B 20,	20 x 165 mm	20 mm	42 mm	20.00 mm	130 mm	110 mm	121 mm	99 mm	100 mm	10 PCS



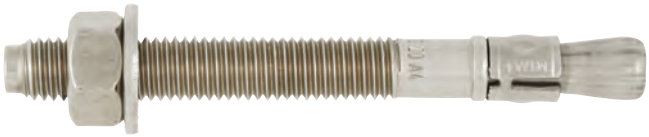





Stud anchor, A4

The perfect anchor for quick, reliable fixings in non-cracked concrete and for suspended ceilings

Product description:
The B A4 stud anchor is ideal for time-saving through-bolt mounting in non-cracked concrete as well as for ceiling suspensions and similar anchorages. The long thread allows anchors to be used for different clamping lengths and anchorage depths. If no construction permit is required, it can also be used in hard natural stone.



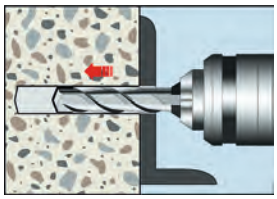
Advantages:
- High permissible loads, low centre-to-centre distances and edge distances
- Quick and easy through-bolt mounting
- Immediate load-bearing capacity — no waiting
- The long thread allows anchors to be used for different clamping widths. Furthermore, it allows spaced installation and other applications requiring larger clamping lengths or reduced anchorage depths.

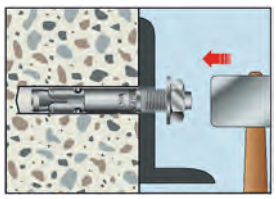
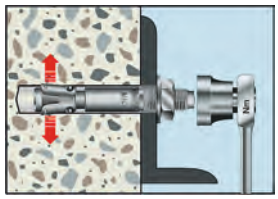
Application area:
For securing
supports, beams, metal structures, brackets, cable conduits, mounting rails, suspended ceilings etc.
to
non-cracked standard concrete with a strength class of ≥ C20/25 and ≤

C50/60, also for use outdoors or in wet rooms if conditions are not particularly aggressive.

Material: Stainless steel A4

Art. No.	Type description	Anchor	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Effective anchoring depth reduced (h ef, red)	Width across flats	Packaging unit (VPE)
0909 908 005	B 8, 5/50 A4*	8 x 50 mm	8.00 mm	65 mm	45 mm		35 mm		24 mm	13 mm	100 PCS
0909 908 010	B 8, 10/75 A4	8 x 75 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	35 mm	13 mm	100 PCS
0909 908 015	B 8, 15/80 A4	8 x 80 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	35 mm	13 mm	100 PCS
0909 908 020	B 8, 20/85 A4	8 x 85 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	35 mm	13 mm	100 PCS
0909 908 030	B 8, 30/95 A4	8 x 95 mm	8.00 mm	65 mm	55 mm	56 mm	47 mm	44 mm	35 mm	13 mm	100 PCS
0909 910 010	B 10, 10/85 A4	10 x 85 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	42 mm	17 mm	50 PCS
0909 910 015	B 10, 15/90 A4	10 x 90 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	42 mm	17 mm	50 PCS
0909 910 020	B 10, 20/95 A4	10 x 95 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	42 mm	17 mm	50 PCS
0909 910 030	B 10, 30/105 A4	10 x 105 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	42 mm	17 mm	50 PCS
0909 910 050	B 10, 50/125 A4	10 x 125 mm	10.00 mm	70 mm	65 mm	62 mm	56 mm	48 mm	42 mm	17 mm	50 PCS
0909 912 015	B 12, 15/110 A4	12 x 110 mm	12.00 mm	90 mm	75 mm	81 mm	66 mm	65 mm	50 mm	19 mm	25 PCS
0909 912 020	B 12, 20/115 A4	12 x 115 mm	12.00 mm	90 mm	75 mm	81 mm	66 mm	65 mm	50 mm	19 mm	25 PCS
0909 912 030	B 12, 30/125 A4	12 x 125 mm	12.00 mm	90 mm	75 mm	81 mm	66 mm	81 mm	50 mm	19 mm	25 PCS
0909 912 050	B 12, 50/145 A4	12 x 145 mm	12.00 mm	90 mm	75 mm	81 mm	66 mm	65 mm	50 mm	19 mm	25 PCS
0909 916 030	B 16, 30/150 A4	16 x 150 mm	16.00 mm	110 mm	95 mm	99 mm	83 mm	82 mm	64 mm	24 mm	20 PCS



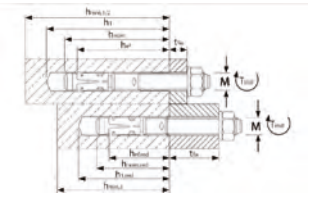
Stud anchor, BZ plus, galvanised steel

For quick and reliable anchoring of medium to heavy loads in cracked and non-cracked concrete

Product description:
The stud anchor BZ plus is a force-controlled expanding dowel for quick mounting. When the hexagon nut is tightened, the stud is pulled into the expansion clip and clamps it effectively against the drill hole wall.



Advantages:
- High admissible loads, short centre and edge distances
- Simple, quick mounting
- Ready for use immediately – no waiting times
- Two anchoring depths for added flexibility



Application area:
For anchoring medium to heavy loads in cracked and non-cracked concrete: Supports, steel girders, railing fastenings, cable conduits, pipe conduits, timber constructions, brackets. Fastenings in earthquake regions and similar

Load range: 2.4 kN - 65.1 kN
Concrete grade: C20/25 - C50/60

Material: Steel
Material of the bracing clip: Stainless steel A2
Surface: Galvanised

ETA-99/0010

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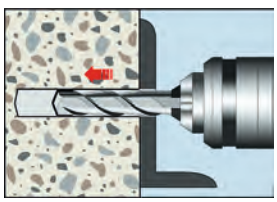
Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 208 165	BZ 8-100-111/165	8.0 x 165 mm	100 mm	111 mm	8 mm	60 mm	49 mm	52 mm	41 mm	46 mm	50 PCS
0910 208 115	BZ 8-50-61/115	8.0 x 115 mm	50 mm	61 mm	8 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS

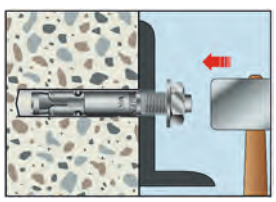
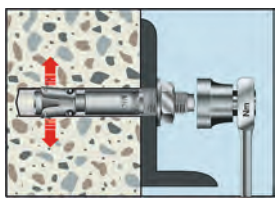
Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 208 095	BZ 8-30-41/95	8.0 x 95 mm	30 mm	41 mm	8 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 208 080	BZ 8-15-26/80	8.0 x 80 mm	15 mm	26 mm	8 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 208 065	BZ 8-11/65 s	8.0 x 65 mm		11 mm	8 mm		49 mm		41 mm		100 PCS
0910 208 075	BZ 8-10-21/75	8.0 x 75 mm	10 mm	21 mm	8 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 208 060	BZ 8-6/60 s	8.0 x 60 mm		6 mm	8 mm		49 mm		41 mm		100 PCS
0910 210 155	BZ 10-75-95/155	10.0 x 155.0 mm	75 mm	95 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 210 130	BZ 10-50-70/130	10.0 x 130.0 mm	50 mm	70 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 210 110	BZ 10-30-50/110	10.0 x 110.0 mm	30 mm	50 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 210 100	BZ 10-20-40/100	10.0 x 100.0 mm	20 mm	40 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 210 080	BZ 10-20/80 s	10.0 x 80.0 mm		20 mm	10 mm		55 mm		48 mm		50 PCS
0910 210 095	BZ 10-15-35/95	10.0 x 95.0 mm	15 mm	35 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 210 070	BZ 10-10/70 s	10.0 x 70.0 mm		10 mm	10 mm		55 mm		48 mm		50 PCS
0910 210 090	BZ 10-10-30/90	10.0 x 90.0 mm	10 mm	30 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 212 240	BZ	12 x 240 mm	145 mm		12 mm	90 mm		80 mm		70 mm	20 PCS
0910 212 220	BZ	12 x 220 mm	125 mm		12 mm	90 mm		80 mm		70 mm	25 PCS
0910 212 200	BZ 12-105-125/200	12 x 200 mm	105 mm	125 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 180	BZ 12-85-105/180	12 x 180 mm	85 mm	105 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 160	BZ 12-65-85/160	12 x 160 mm	65 mm	85 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 145	BZ 12-50-70/145	12 x 145 mm	50 mm	70 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 125	BZ 12-30-50/125	12 x 125 mm	30 mm	50 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 115	BZ 12-20-40/115	12 x 115 mm	20 mm	40 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 095	BZ 12-20/95 s	12 x 95 mm		20 mm	12 mm		70 mm		60 mm		25 PCS
0910 212 110	BZ 12-15-35/110	12 x 110 mm	15 mm	35 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 212 105	BZ 12-10-30/105	12 x 105 mm	10 mm	30 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 212 085	BZ 12-10/85 s	12 x 85 mm		10 mm	12 mm		70 mm		60 mm		25 PCS
0910 216 220	BZ	16.0 x 220 mm	100 mm		16.0 mm	110 mm		97 mm		85 mm	10 PCS
0910 216 200	BZ 16-80-100/200	16.0 x 200 mm	80 mm	100 mm	16.0 mm	110 mm	90 mm	97 mm	77 mm	85 mm	10 PCS
0910 216 170	BZ 16-50-70/170	16.0 x 170 mm	50 mm	70 mm	16.0 mm	110 mm	90 mm	97 mm	77 mm	85 mm	20 PCS
0910 216 145	BZ 16-25-45/145	16.0 x 145 mm	25 mm	45 mm	16.0 mm	110 mm	90 mm	97 mm	77 mm	85 mm	20 PCS
0910 216 115	BZ	16.0 x 115 mm		15 mm	16.0 mm		90 mm		77 mm		20 PCS
0910 216 135	BZ 16-15-35/135	16.0 x 135 mm	15 mm	35 mm	16.0 mm	110 mm	90 mm	97 mm	77 mm	85 mm	20 PCS
0910 216 105	BZ 16-5/105 s	16.0 x 105 mm		5 mm	16.0 mm		90 mm		77 mm		20 PCS
0910 220 195	BZ	20 x 195.0 mm	60 mm		20 mm	125 mm		114 mm		100 mm	10 PCS
0910 220 165	BZ	20 x 165.0 mm	30 mm		20 mm	125 mm		114 mm		100 mm	10 PCS
0910 224 220	BZ	24 x 220.0 mm	60 mm		24 mm	145 mm		133 mm		115 mm	5 PCS
0910 224 190	BZ	24 x 190.0 mm	30 mm		24 mm	145 mm		133 mm		115 mm	10 PCS







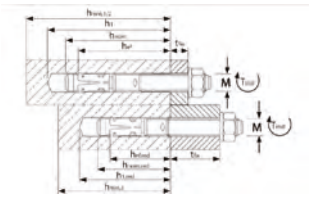



BZ plus stud anchor A4

For quick and reliable anchoring of medium to heavy loads in cracked and non-cracked concrete

Product description:
The BZ A4 stud anchor is a torque-controlled anchor for quick through-bolt mounting. When the hexagon nut is tightened, the stud is pulled into the expansion clip and clamps it effectively against the drill hole wall. The special coating on the hexagon nut effectively prevents cold welding to the bolt thread.





Advantages:
- High admissible loads, short centre and edge distances
- NEW: BZ plus A4 70M12 with 33% higher admissible tensile loads - For details, see European Technical Approval ETA-99/0010
- Simple and quick push-through mounting
- Ready for use immediately – no waiting times
- The special nut coating reliably prevents cold shutting of the bolt thread.
- The plastic-covered cone guarantees subsequent expansion if cracks form in the concrete.

Application area:
For anchoring medium to heavy loads in cracked and non-cracked concrete: Supports, steel girders, railing fastenings, cable conduits, pipe conduits, timber constructions, brackets, stadium seating, fastenings in earthquake regions and similar

Load range: 2.4 kN - 43.9 kN
Concrete grade: C20/25 - C50/60

Material: Stainless steel A4
Surface of the nut: Dark slide coating

ETA-99/0010

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Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 508 115	BZ 8-50-61/115 A4	8.0 x 115 mm	50 mm	61 mm	8.0 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 508 095	BZ 8-30-41/95 A4	8.0 x 95 mm	30 mm	41 mm	8.0 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 508 080	BZ 8-15-26/80 A4	8.0 x 80 mm	15 mm	26 mm	8.0 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 508 065	BZ 8-11/65 s A4	8.0 x 65 mm		11 mm	8.0 mm		49 mm		41 mm		100 PCS

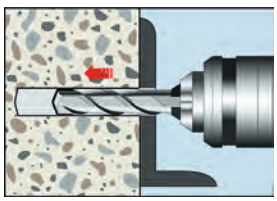
Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 508 075	BZ 8-10-21/75 A4	8.0 x 75 mm	10 mm	21 mm	8.0 mm	60 mm	49 mm	52 mm	41 mm	46 mm	100 PCS
0910 508 060	BZ 8-6/60 s A4	8.0 x 60 mm		6 mm	8.0 mm		49 mm		41 mm		100 PCS
0910 510 130	BZ 10-50-70/130 A4	10 x 130 mm	50 mm	70 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 510 110	BZ 10-30-50/110 A4	10 x 110 mm	30 mm	50 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 510 100	BZ 10-20-40/100 A4	10 x 100 mm	20 mm	40 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 510 080	BZ 10-20/80 s A4	10 x 80 mm		20 mm	10 mm		55 mm		48 mm		50 PCS
0910 510 095	BZ 10-15-35/95 A4	10 x 95 mm	15 mm	35 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 510 070	BZ 10-10/70 s A4	10 x 70 mm		10 mm	10 mm		55 mm		48 mm		50 PCS
0910 510 090	BZ 10-10-30/90 A4	10 x 90 mm	10 mm	30 mm	10 mm	75 mm	55 mm	68 mm	48 mm	60 mm	50 PCS
0910 512 220	BZ 12, 125/220 A4	12 x 220 mm	125 mm		12 mm	90 mm		80 mm		70 mm	25 PCS
0910 512 325	BZ	12 x 325 mm	230 mm		12 mm	90 mm		80 mm		70 mm	20 PCS
0910 512 285	BZ	12 x 285 mm	190 mm		12 mm	90 mm		80 mm		70 mm	20 PCS
0910 512 255	BZ	12 x 255 mm	160 mm		12 mm	90 mm		80 mm		70 mm	20 PCS
0910 512 180	BZ 12-85-105/180 A4	12 x 180 mm	85 mm	105 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 160	BZ 12-65-85/160 A4	12 x 160 mm	65 mm	85 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 145	BZ 12-50-70/145 A4	12 x 145 mm	50 mm	70 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 125	BZ 12-30-50/125 A4	12 x 125 mm	30 mm	50 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 115	BZ 12-20-40/115 A4	12 x 115 mm	20 mm	40 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 095	BZ 12-20/95 s A4	12 x 95 mm		20 mm	12 mm		70 mm		60 mm		25 PCS
0910 512 110	BZ 12-15-35/110 A4	12 x 110 mm	15 mm	35 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 105	BZ 12-10-30/105 A4	12 x 105 mm	10 mm	30 mm	12 mm	90 mm	70 mm	80 mm	60 mm	70 mm	25 PCS
0910 512 085	BZ 12-10/85 s A4	12 x 85 mm		10 mm	12 mm		70 mm		60 mm		25 PCS

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Max. attachment height reduced (t fix, red)	Nominal drill-bit	Drill hole depth (h 1)	Drill hole depth reduced (h 1, red)	Embedding depth (h nom)	Embedding depth (h	Effective anchoring depth (h ef)	Packaging unit (VPE)
0910 516 220	BZ	16 x 220 mm	100 mm		16 mm	110 mm			97 mm	85 mm	10 PCS
0910 516 200	BZ 16-80-100/200 A4	16 x 200 mm	80 mm	100 mm	16 mm	110 mm	90 mm	77 mm	97 mm	85 mm	10 PCS
0910 516 170	BZ 16-50-70/170 A4	16 x 170 mm	50 mm	70 mm	16 mm	110 mm	90 mm	77 mm	97 mm	85 mm	20 PCS
0910 516 145	BZ 16-25-45/145 A4	16 x 145 mm	25 mm	45 mm	16 mm	110 mm	90 mm	77 mm	97 mm	85 mm	20 PCS
0910 516 115	BZ	16 x 115 mm		15 mm	16 mm		90 mm	77 mm			20 PCS
0910 516 135	BZ 16-15-35/135 A4	16 x 135 mm	15 mm	35 mm	16 mm	110 mm	90 mm	77 mm	97 mm	85 mm	20 PCS
0910 516 125	BZ 16-5-25/125 A4	16 x 125 mm	5 mm	25 mm	16 mm	110 mm	90 mm	77 mm	97 mm	85 mm	20 PCS
0910 520 195	BZ 20, 60/195 A4	20 x 195 mm	60 mm		20 mm	125 mm		114 mm		100 mm	10 PCS
0910 520 165	BZ	20 x 165 mm	30 mm		20 mm	125 mm		114 mm		100 mm	10 PCS

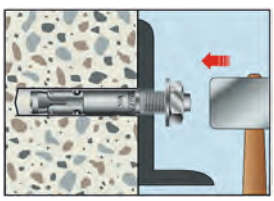


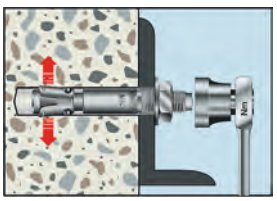












SZ-S heavy-duty anchor, galvanised steel

Hexagon head

Product description:
The SZ heavy-duty anchor is a load-controlled sleeve anchor for quick through-bolt mounting. The numerous types on offer mean it can be used for many applications.





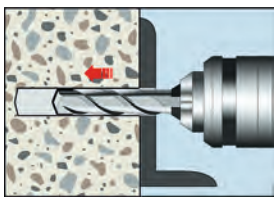
Advantages:
- High load-bearing capacity, low axial and edge clearance
- Quick and simple through-bolt mounting
- Immediate load-bearing capacity — no waiting

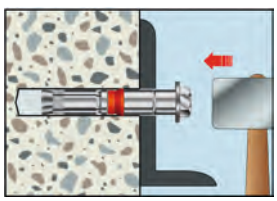
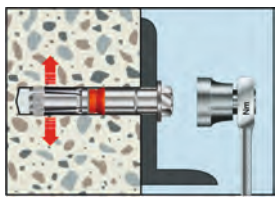
- Anchor can be removed again

Application area:
For securing
base plates, supports, beams, metal structures, railings, brackets, cable conduits, pipes etc.
to
standard concrete with a strength class of minimum ≥ C20/25 and ≤ C50/60.

Material: Steel
Surface: Galvanised

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Nominal drill-bit	Drill hole depth (h 1)	Embedding depth (h nom)	Thread type x thread	External drive	Anchor	Anchor length (l)	Packaging unit (VPE)
0908 006 010	SZ-S 10/10 M6	10 x 75 mm	10 mm	10 mm	65 mm	60 mm	M6 mm	WS10	10 mm	75 mm	50 PCS
0908 006 030	SZ-S 10/30 M6	10 x 95 mm	30 mm	10 mm	65 mm	60 mm	M6 mm	WS10	10 mm	95 mm	50 PCS
0908 008 010	SZ-S 12/10 M8	12 x 85 mm	10 mm	12 mm	80 mm	70 mm	M8 mm	WS13	12 mm	85 mm	50 PCS
0908 008 030	SZ-S 12/30 M8	12 x 105 mm	30 mm	12 mm	80 mm	70 mm	M8 mm	WS13	12 mm	105 mm	50 PCS
0908 008 050	SZ-S 12/50 M8	12 x 125 mm	50 mm	12 mm	80 mm	70 mm	M8 mm	WS13	12 mm	125 mm	25 PCS
0908 010 015	SZ-S 15/15 M10	15 x 106 mm	15 mm	15 mm	95 mm	85 mm	M10 mm	WS17	15 mm	106 mm	25 PCS
0908 010 025	SZ-S 15/25 M10	15 x 116 mm	25 mm	15 mm	95 mm	85 mm	M10 mm	WS17	15 mm	116 mm	25 PCS
0908 010 045	SZ-S 15/45 M10	15 x 136 mm	45 mm	15 mm	95 mm	85 mm	M10 mm	WS17	15 mm	136 mm	25 PCS
0908 012 010	SZ-S 18/10 M12	18 x 117 mm	10 mm	18 mm	105 mm	95 mm	M12 mm	WS19	18 mm	117 mm	20 PCS
0908 012 020	SZ-S 18/20 M12	18 x 127 mm	20 mm	18 mm	105 mm	95 mm	M12 mm	WS19	18 mm	127 mm	20 PCS
0908 012 040	SZ-S 18/40 M12	18 x 147 mm	40 mm	18 mm	105 mm	95 mm	M12 mm	WS19	18 mm	147 mm	20 PCS
0908 016 020	SZ-S 24/20 M16	24 x 150 mm	20 mm	24 mm	130 mm	120 mm	M16 mm	WS24	24 mm	150 mm	10 PCS



SZ-B heavy-duty anchor, galvanised steel

With bolt and nut

Product description:
The SZ heavy-duty anchor is a load-controlled sleeve anchor for quick through-bolt mounting. The numerous types on offer mean it can be used for many applications.



Advantages:
- High load-bearing capacity, low axial and edge clearance
- Quick and simple through-bolt mounting
- Immediate load-bearing capacity — no waiting
- Anchor can be removed again

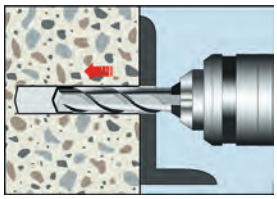
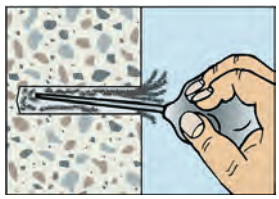
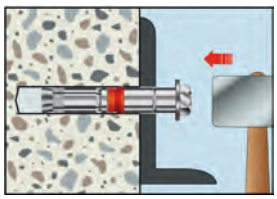
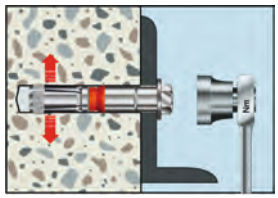
Application area:
For securing
base plates, supports, beams, metal structures, railings, brackets, cable conduits, pipes etc.
to
standard concrete with a strength class of minimum ≥ C20/25 and ≤ C50/60.

Material: Steel
Surface: Galvanised

ETA-02/0030

ZIVILSCHUTZ

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Nominal drill-bit	Drill hole depth (h 1)	Embedding depth (h nom)	Thread type x thread	External drive	Anchor	Anchor length (l)	Packaging unit (VPE)
0908 108 010	SZ-B 12/10 M8	12 x 90 mm	10 mm	12 mm	80 mm	70 mm	M8 mm	WS13	12 mm	90 mm	50 PCS
0908 108 030	SZ-B 12/30 M8	12 x 110 mm	30 mm	12 mm	80 mm	70 mm	M8 mm	WS13	12 mm	110 mm	50 PCS
0908 110 025	SZ-B 15/25 M10	15 x 121 mm	25 mm	15 mm	95 mm	85 mm	M10 mm	WS17	15 mm	121 mm	25 PCS
0908 112 020	SZ-B 18/20 M12	18 x 132 mm	20 mm	18 mm	105 mm	95 mm	M12 mm	WS19	18 mm	132 mm	20 PCS
0908 112 040	SZ-B 18/40 M12	18 x 152 mm	40 mm	18 mm	105 mm	95 mm	M12 mm	WS19	18 mm	152 mm	20 PCS
0908 116 020	SZ-B 24/20 M16	24 x 157 mm	20 mm	24 mm	130 mm	120 mm	M16 mm	WS24	24 mm	157 mm	10 PCS
0908 116 050	SZ-B 24/50 M16	24 x 187 mm	50 mm	24 mm	130 mm	120 mm	M16 mm	WS24	24 mm	187 mm	10 PCS
0908 116 100	SZ-B 24/100 M16	24 x 237 mm	100 mm	24 mm	130 mm	120 mm	M16 mm	WS24	24 mm	237 mm	5 PCS

SZ-SK heavy-duty anchor, galvanised steel

With countersunk head and countersunk washer



Product description:
The SZ heavy-duty anchor is a load-controlled sleeve anchor for quick through-bolt mounting. The numerous types on offer mean it can be used for many applications.

Advantages:
- High load-bearing capacity, low axial and edge clearance
- Quick and simple through-bolt mounting
- Immediate load-bearing capacity — no waiting
- Anchor can be removed again

Application area:
For securing
base plates, supports, beams, metal structures, railings, brackets, cable conduits, pipes etc.
to
standard concrete with a strength class of minimum ≥ C20/25 and ≤ C50/60.

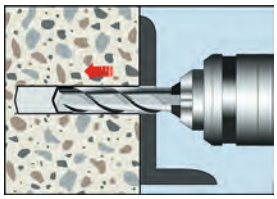
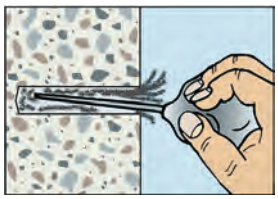
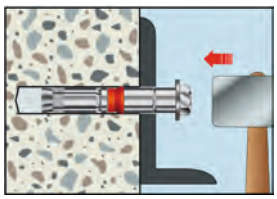
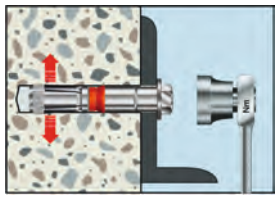
Material: Steel
Surface: Galvanised

ETA-02/0030

ZIVILSCHUTZ

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Nominal drill-bit	Drill hole depth (h 1)	Embedding depth (h nom)	Thread type x thread	Internal drive	Anchor	Anchor length (l)	Packaging unit (VPE)
0908 306 010	SZ-SK 10/10 M6	10 x 70 mm	10 mm	10 mm	65 mm	60 mm	M6 mm	IH4	10 mm	70 mm	50 PCS
0908 306 025	SZ-SK 10/25 M6	10 x 85 mm	25 mm	10 mm	65 mm	60 mm	M6 mm	IH4	10 mm	85 mm	50 PCS
0908 308 010	SZ-SK 12/10 M8	12 x 80 mm	10 mm	12 mm	80 mm	70 mm	M8 mm	IH5	12 mm	80 mm	50 PCS
0908 308 025	SZ-SK 12/25 M8	12 x 95 mm	25 mm	12 mm	80 mm	70 mm	M8 mm	IH5	12 mm	95 mm	50 PCS
0908 308 050	SZ-SK 12/50 M8	12 x 120 mm	50 mm	12 mm	80 mm	70 mm	M8 mm	IH5	12 mm	120 mm	25 PCS
0908 310 010	SZ-SK 15/10 M10	15 x 95 mm	10 mm	15 mm	95 mm	85 mm	M10 mm	IH6	15 mm	95 mm	25 PCS
0908 310 025	SZ-SK 15/25 M10	15 x 110 mm	25 mm	15 mm	95 mm	85 mm	M10 mm	IH6	15 mm	110 mm	25 PCS

Art. No.	Type description	Anchor	Max. attachment height (t fix)	Nominal drill-bit	Drill hole depth (h 1)	Embedding depth (h nom)	Thread type x thread	Internal drive	Anchor	Anchor length (l)	Packaging unit (VPE)
0908 312 020	SZ-SK 18/20 M12	18 x 115 mm	20 mm	18 mm	105 mm	95 mm	M12 mm	IH8	18 mm	115 mm	20 PCS

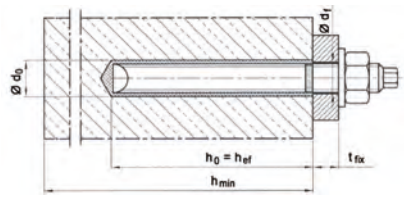
V-P compound anchor cartridges

For securing heavy loads in non-cracked concrete for indoor and outdoor use (in conjunction with A4-70 anchor rods)

Product description:
The V compound anchoring system comprises a glass capsule filled with synthetic resin, hardener and quartz aggregate as well as an anchor rod. The components in the glass capsule are mixed to a quick-setting mortar by turning the anchor rod.



Advantages:
- High load-bearing capacity in non-cracked concrete
- Low expansion pressure, short centre and edge distances
- Borehole extensively sealed after curing
- Can also be used in hard natural stone without construction permit
- Anchor rods with hexagon head for easy mounting; suitable tool supplied



Field of Application:
For securing anchor plates, brackets, guard rails, machines, shelving, steel beams, street lighting, gates etc. in non-cracked standard concrete with strength class ≥ C20/25 and ≤ C50/60.

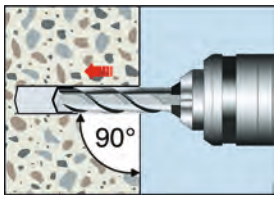
Chemical basis: Vinylester
Shelf life from production: 12 Month

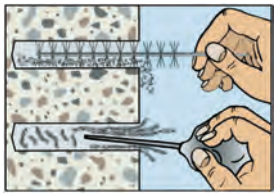


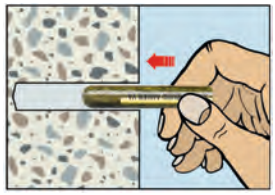




Art. No.	Type description	Diameter	Suitable for anchor rod	Drill diameter	Drilling depth	Packaging unit (VPE)
0913 008	V-P 8	10.0 mm	M8	10 mm	80 mm	10 PCS
0913 010	V-P 10	12.0 mm	M10	12 mm	90 mm	10 PCS
0913 012	V-P 12	14.0 mm	M12	14 mm	110 mm	10 PCS
0913 016	V-P 16	18.0 mm	M16	18 mm	125 mm	10 PCS
0913 020	V-P 20	25.0 mm	M20	25 mm	170 mm	10 PCS













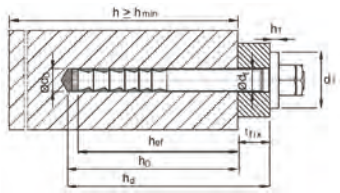
VMZ chemical injection mortar, coaxial cartridge

For securing medium to heavy loads in cracked and non-cracked concrete

Product description:
The VMZ injection system is a bonded expansion anchor comprising a two-component, styrene-free composite mortar and a special anchor rod with nut and washer. The load is transferred via the mechanical interlocking of individual anchor rod cones in the mortar and also via a combination of retention and frictional forces in the concrete.







Advantages:
- High load-bearing capacities in cracked and non-cracked concrete through expansion cones in the anchor rods
- Low expansion pressure, short centre and edge distances
- For installation in dry and wet concrete, from borehole diameters ≥ 14 mm, can also be used in water-logged boreholes
- Borehole extensively sealed after curing
- High temperature resistance (long term to +72°C, short term to +120°C)
- Opened cartridges can be re-used if they are re-sealed with the end cap
- Can also be used in concrete < C20/25 and in hard natural stone without construction permit
- For hammer-drilled boreholes, also effective during under seismic activity (SEISMIC C1 and C2)
- Diamond-drilled boreholes possible (for VMZ-A from M 10/for VMZ-IG from

M 12)

Field of Application:
For anchoring heavy loads, such as steel beams, steel supports, railings (also bridges), brackets, façades etc. in cracked and non-cracked standard concrete with a strength class of ≥ C20/25 and ≤ C50/60.

Chemical basis: Vinylester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month
Contents: 330 ml

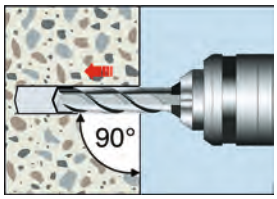


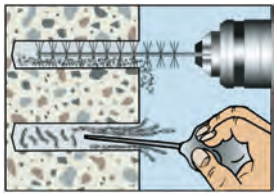
Art. No.	Packaging unit (VPE)
0914 001 330	1 PCS

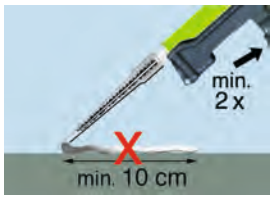


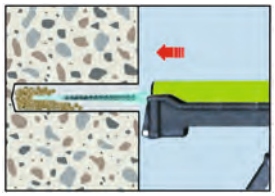
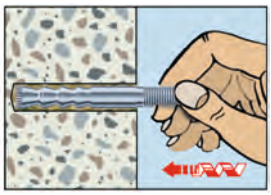
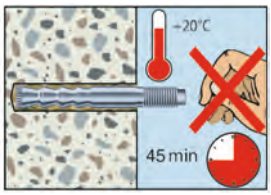


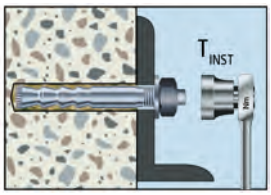








VMU plus chemical injection mortar

The injection system for universal use in cracked and non-cracked concrete (ETA-11/0415), masonry made from solid brick and perforated brick (ETA-13/0909) and post-installed rebar connections (ETA-11/0514 and Z-21.8-2023)

Product description:
The VMU plus injection system is a bonded anchor system, comprising the two-component,
styrene free composite mortar VMU plus and various system components that must be used depending on the building material and application.

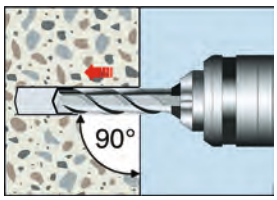


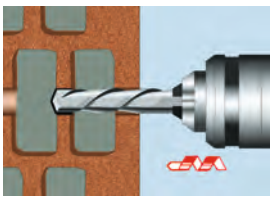
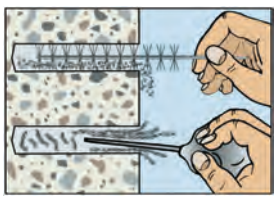
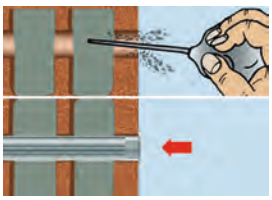
Advantages:
- Just one chemical injection mortar for virtually all applications, ensuring greater flexibility,
- reduced stock and increased application reliability
- Approved for cracked (M 8 to M 30) and non-cracked concrete (M 8 to M 30)
- Approved for post-installed rebar connections (Ø 8 to Ø 32)
- Approved for use in wet concrete and boreholes that are filled with water (M 8 to M 16)
- Approved for solid and perforated brick masonry
- Approved for conventional threaded rods with proven strength (acceptance test certificate 3.1)
- Substrate temperature during application: -10°C to +40°C (concrete)
- Ambient temperature once fully cured: -40°C to +120°C (in concrete)
- Variable anchoring depths for added flexibility
- Fire protection test
- Opened cartridges can continue to be used with a new mixer nozzle
- Styrene-free 2-component vinyl ester-based mortar
- Approved for use during seismic activity in performance category C1 (M 8 to M 30)
- Products bearing the NSF logo have been tested and registered by the National Sanitary Foundation (NSF for short). NSF is the only
- international registration that guarantees that the product can be used in the food industry without posing health risks.

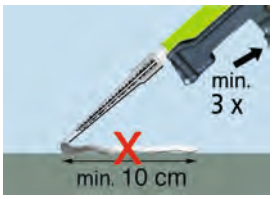
Field of Application:
For anchoring heavy loads such as steel beams, steel supports, brackets, awnings,
façades, canopies etc. in cracked and non-cracked standard concrete with a strength class ≥ C20/25 and ≤ C50/60, masonry made of solid brick and perforated brick.

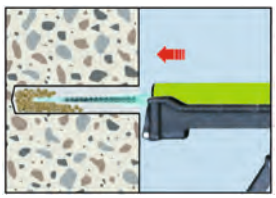
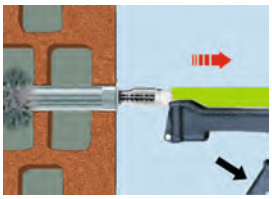
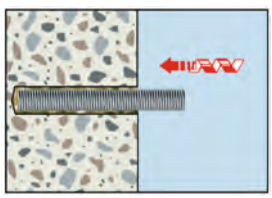
Type description: Chemical injection mortar, VMU plus 330
Chemical basis: Vinylester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month
Contents: 330 ml

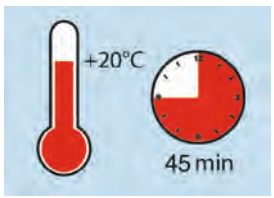
Art. No.	Package size	Packaging unit (VPE)
0911 003 330	12	1 PCS

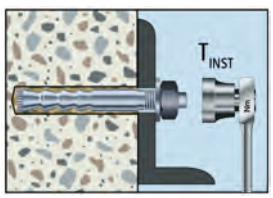


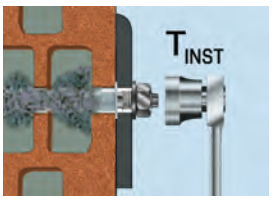










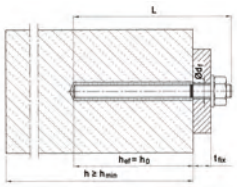


VMU chemical injection mortar

The injection system for universal use in non-cracked concrete (ETA-05/0253), solid brick and perforated brick (not covered by the approval)

Product description:
The VMU injection system is a bonded anchor system, comprising the two-component, styrene free composite mortar VMU and VMU Express, and various system components that must be used depending on the building material and application.





Advantages:
- One chemical injection mortar for a range of materials
- Low expansion pressure, short centre and edge distances
- Can be used in wet and dry concrete (even in drill holes full of water)
- Borehole extensively sealed after curing
- High degree of temperature resistance (permanently up to +72°C, briefly up to +120°C)
- Opened cartridges may be re-used if they are re-sealed with the end cap
- Can also be used in concrete < C20/25 and in hard natural stone without construction permit
- Can also be used in solid brick and solid sand-lime brick, vertically perforated brick,
- hollow sand-lime brick and hollow blocks without construction permit

Field of Application:
For anchoring heavy loads such as steel beams, steel supports, brackets, awnings, façades, canopies etc. in non-cracked standard concrete with a strength class of ≥ C20/25 and ≤ C50/60.

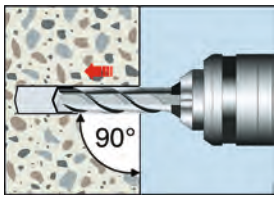


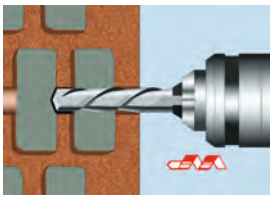
Type description: Injection mortar, VMU 330
Chemical basis: Vinylester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month
Contents: 330 ml

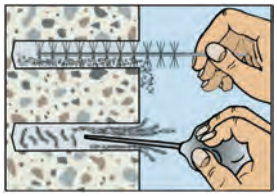


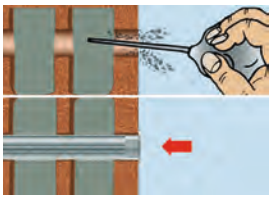


Art. No.	Package size	Packaging unit (VPE)
0911 002 330	12	1 PCS

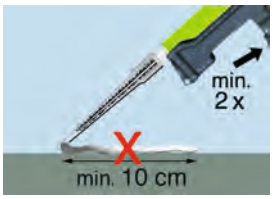


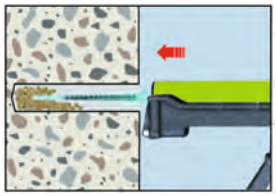


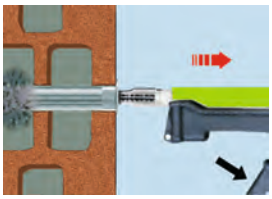


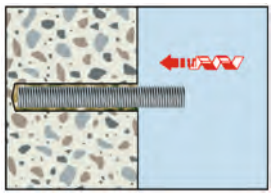




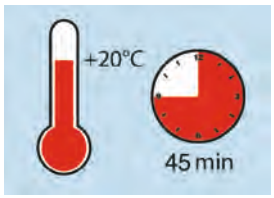


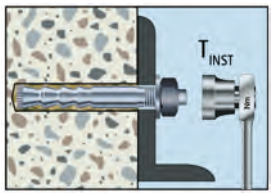


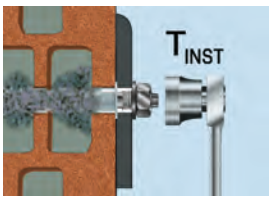










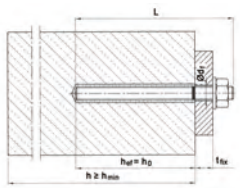


VMU Express chemical injection mortar

Product description:
The VMU injection system is a bonded anchor system, comprising the two-component, styrene free composite mortar VMU and VMU Express, and various system components that must be used depending on the building material and application.







Advantages:
- One chemical injection mortar for a range of materials
- Low expansion pressure, short centre and edge distances
- Can be used in wet and dry concrete (even in drill holes full of water)
- Borehole extensively sealed after curing
- High degree of temperature resistance (permanently up to +72°C, briefly up to +120°C)
- Opened cartridges may be re-used if they are re-sealed with the end cap
- Can also be used in concrete < C20/25 and in hard natural stone without construction permit
- Can also be used in solid brick and solid sand-lime brick, vertically perforated brick,
- hollow sand-lime brick and hollow blocks without construction permit

Field of Application:

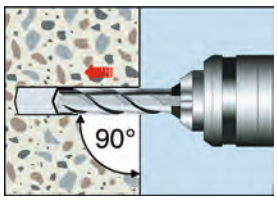
For anchoring heavy loads such as steel beams, steel supports, brackets, awnings, façades, canopies etc. in non-cracked standard concrete with a strength class of ≥ C20/25 and ≤ C50/60.

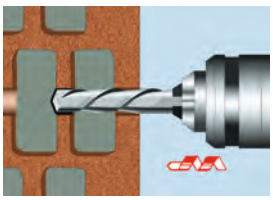
Type description: Chemical injection mortar, VMU Express 330
Chemical basis: Vinylester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month
Contents: 330 ml

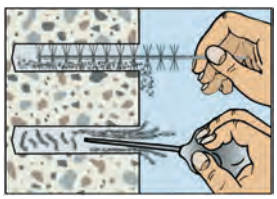
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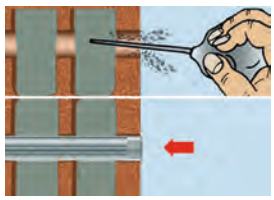
R30-R120

Art. No.	Package size	Packaging unit (VPE)
0911 010 330	12	1 PCS

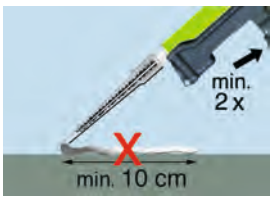


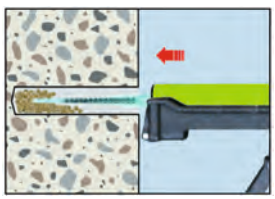


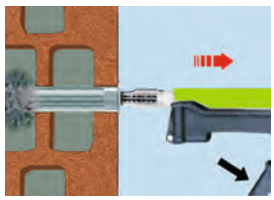


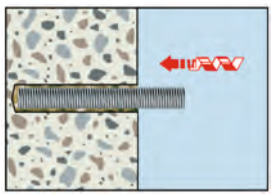




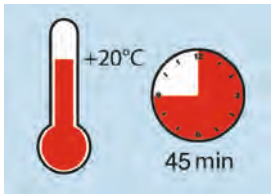


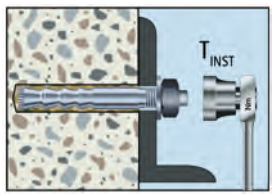


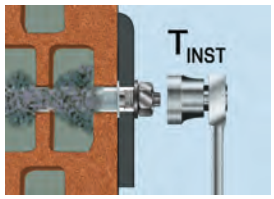












VM-Multi plus composite mortar

Universal use two-component composite mortar for securing medium to heavy loads in concrete, solid and perforated brick

Product description:
VM Multi plus is a composite mortar based on polyester resin for heavy-duty attachment in all solid building materials with very little expansion pressure. When using perforated sleeves, it is also suitable for reliable use in perforated brick.



Advantages:
- Styrene-free, hence less inherent odour
- Just one composite mortar for almost all building materials
- Versatile, with various connecting elements such as anchor rods and threaded rods,
- female thread sleeves, reinforcement bars, iron rods, pipes, hooks, screws etc.
- Borehole almost fully closed
- Once the mixer nozzle has been removed and cleaned and the cartridge head has been re-sealed,
- the rest of the mortar can be used
- Shelf life: 18 months

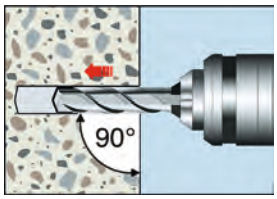
Application area:
For use with composite mortar application guns

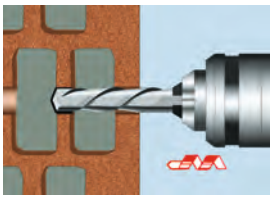
Field of Application:
With perforated sleeve suitable for anchoring in:
Vertically perforated brick, hollow sand-lime brick, hollow blocks, pumice slabs, hollow block ceilings and other perforated and hollow block bricks

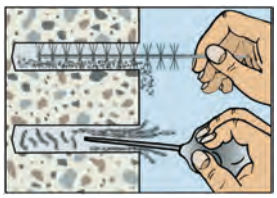
Without perforated sleeve, suitable for anchoring in:
Concrete, lightweight concrete, solid brick, solid sand-lime brick, clinker brick, rock and other solid building materials

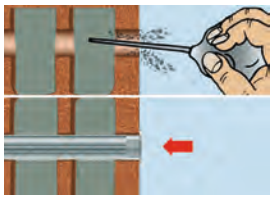
Chemical basis: Polyester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0912 001 150	Chemical injection mortar, VM Multi plus 150	150 ml	12	1 PCS
0912 001 330	Chemical injection mortar, VM Multi plus 330	333 ml		12 PCS
0912 001 420	Chemical injection mortar, VM Multi plus 420	420 ml		12 PCS

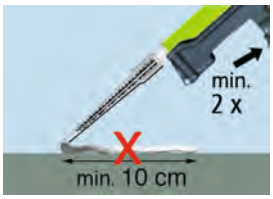


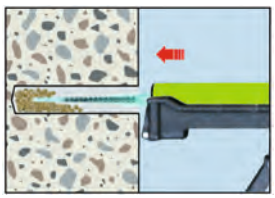




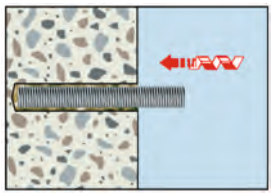




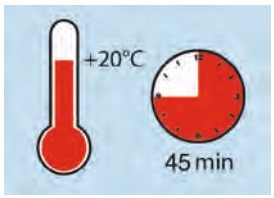


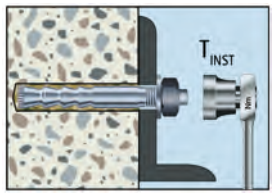


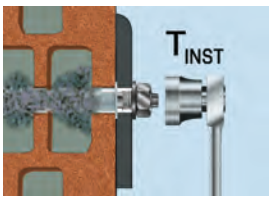












VM-Winter composite mortar

Universal composite mortar, winter formula

Advantages:
- Can even be used at minus temperatures
- Fast curing and short waiting times
- Minimum excess pressure

Application area:
For use with composite mortar application guns 330

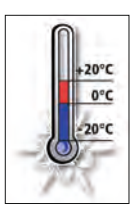
Field of Application:
- Ideally suited for low temperatures from -20°C to +20°C
- Temperature range applies to environment, surface and cartridge
- For securing elements in solid brick, perforated brick and concrete
- Styrene-free vinyl ester resin, shelf life: 18 months
- Opened cartridges can be re-used if they are re-sealed with the end cap
- Mixer nozzle included in delivery

Type description: Chemical injection mortar, VM Winter 330
Chemical basis: Vinylester, styrene free
Content remark: Coaxial cartridge, incl. mixer nozzle
Shelf life from production: 18 Month
Contents: 330 ml

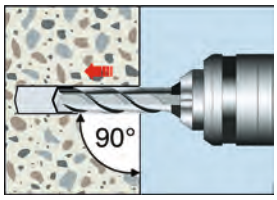


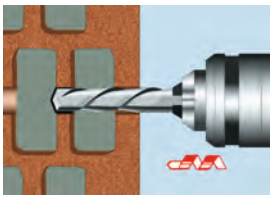
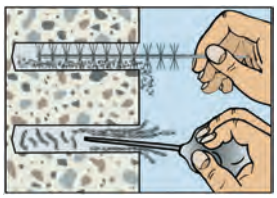
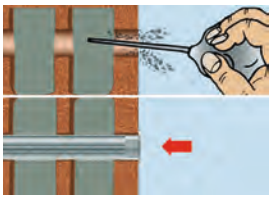


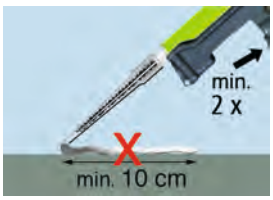


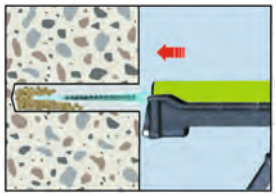


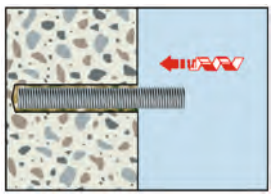
Art. No.	Package size	Packaging unit (VPE)
0911 020 330	12	1 PCS

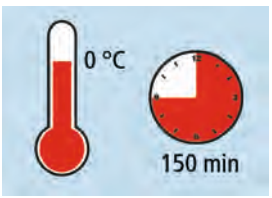


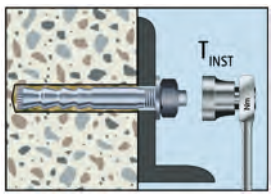




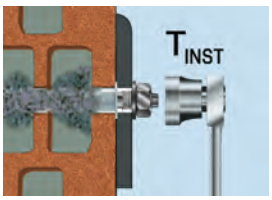






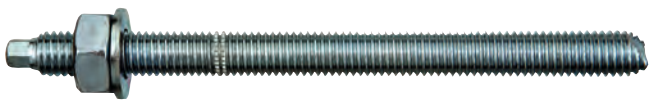






V-A anchor rods

Material: Steel
Surface: Galvanised



Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0913 108 110	VA-A 8-110	Glass capsule V-P 8	8 x 110 mm	10 mm	80 mm	13 mm	10	9 mm	8 mm	110 mm	10 PCS
0913 110 165	VA-A 10-165	Glass capsule V-P 10	10 x 165 mm	12 mm	90 mm	17 mm	20	12 mm	10 mm	165 mm	10 PCS

Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during ancho-ring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0913 110 130	VA-A 10-130	Glass capsule V-P 10	10 x 130 mm	12 mm	90 mm	17 mm	20	12 mm	10 mm	130 mm	10 PCS
0913 112 300	VA-A 12-300	Glass capsule V-P 12	12 x 300 mm	14 mm	110 mm	19 mm	40	14 mm	12 mm	300 mm	10 PCS
0913 112 220	VA-A 12-220	Glass capsule V-P 12	12 x 220 mm	14 mm	110 mm	19 mm	40	14 mm	12 mm	220 mm	10 PCS
0913 112 160	VA-A 12-160	Glass capsule V-P 12	12 x 160 mm	14 mm	110 mm	19 mm	40	14 mm	12 mm	160 mm	10 PCS
0913 116 250	VA-A 16-250	Glass capsule V-P 16	16 x 250 mm	18 mm	125 mm	24 mm	80	18 mm	16 mm	250 mm	10 PCS
0913 116 190	VA-A 16-190	Glass capsule V-P 16	16 x 190 mm	18 mm	125 mm	24 mm	80	18 mm	16 mm	190 mm	10 PCS
0913 116 165	VA-A 16-165	Glass capsule V-P 16	16 x 165 mm	18 mm	125 mm	24 mm	80	18 mm	16 mm	165 mm	10 PCS
0913 120 260	VA-A 20-260	Glass capsule V-P 20	20 x 260 mm	25 mm	170 mm	30 mm	120	22 mm	20 mm	260 mm	10 PCS

V-A anchor rods

Material: Stainless steel A4



Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during ancho-ring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0913 208 110	VA-A 8-110 A4	Glass capsule V-P 8	8 x 110 mm	10 mm	80 mm	13 mm	10	9 mm	8 mm	110 mm	10 PCS
0913 210 130	VA-A 10-130 A4	Glass capsule V-P 10	10 x 130 mm	12 mm	90 mm	17 mm	20	12 mm	10 mm	130 mm	10 PCS
0913 212 160	VA-A 12-160 A4	Glass capsule V-P 12	12 x 160 mm	14 mm	110 mm	19 mm	40	14 mm	12 mm	160 mm	10 PCS
0913 216 190	VA-A 16-190 A4	Glass capsule V-P 16	16 x 190 mm	18 mm	125 mm	24 mm	80	18 mm	16 mm	190 mm	10 PCS
0913 220 260	VA-A 20-260 A4	Glass capsule V-P 20	20 x 260 mm	25 mm	170 mm	30 mm	120	22 mm	20 mm	260 mm	10 PCS

VMZ-A anchor rods

Field of Application:
For use in dry indoor areas

Required injection mortar: VMZ 330
Material: Steel
Surface: Galvanised



Art. No.	Type description	Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Thread	Packaging unit (VPE)
0914 508 080	VMZ-A 50 M8, 15/80	8 x 80 mm	10 mm	55 mm	13 mm	10 Nm	9 mm	8 mm	80 mm	8 mm	10 PCS
0914 510 085	VMZ-A 60 M10, 10/85	10 x 85 mm	12 mm	65 mm	17 mm	15	12 mm	10 mm	85 mm	10 mm	10 PCS
0914 510 095	VMZ-A 60 M10, 20/95	10 x 95 mm	12 mm	65 mm	17 mm	15 Nm	12 mm	10 mm	95 mm	10 mm	10 PCS
0914 510 105	VMZ-A 60 M10, 30/105	10 x 105 mm	12 mm	65 mm	17 mm	15 Nm	12 mm	10 mm	105 mm	10 mm	10 PCS
0914 510 135	VMZ-A 60 M10, 60/135	10 x 135 mm	12 mm	65 mm	17 mm	15 Nm	12 mm	10 mm	135 mm	10 mm	10 PCS
0914 512 110	VMZ-A 80 M12, 10/110	12 x 110 mm	14 mm	85 mm	19 mm	25 Nm	14 mm	12 mm	110 mm	12 mm	10 PCS
0914 512 125	VMZ-A 80 M12, 25/125	12 x 125 mm	14 mm	85 mm	19 mm	25 Nm	14 mm	12 mm	125 mm	12 mm	10 PCS
0914 512 145	VMZ-A 80 M12, 25/145	12 x 145 mm	14 mm	105 mm	19 mm	25 Nm	14 mm	12 mm	145 mm	12 mm	10 PCS
0914 512 150	VMZ-A 80 M12, 50/150	12 x 150 mm	14 mm	85 mm	19 mm	25 Nm	14 mm	12 mm	150 mm	12 mm	10 PCS
0914 512 180	VMZ-A 100 M12, 60/180	12 x 180 mm	14 mm	105 mm	19 mm	30 Nm	14 mm	12 mm	180 mm	12 mm	10 PCS
0914 516 180	VMZ-A 125 M16, 30/180	16 x 180 mm	18 mm	133 mm	24 mm	50 Nm	18 mm	16 mm	180 mm	16 mm	10 PCS
0914 516 210	VMZ-A 125 M16, 60/210	16 x 210 mm	18 mm	133 mm	24 mm	50 Nm	18 mm	16 mm	210 mm	16 mm	10 PCS
0914 520 230	VMZ-A 170 M20, 25/230	20 x 230 mm	24 mm	180 mm	30 mm	80 Nm	22 mm	20 mm	230 mm	20 mm	5 PCS
0914 520 255	VMZ-A 170 M20, 50/255	20 x 255 mm	24 mm	180 mm	30 mm	80 Nm	22 mm	20 mm	255 mm	20 mm	5 PCS

VMZ-A anchor rods

Field of Application:
For use outdoors or in wet rooms if conditions are not particularly aggressive. The special coating on the nut prevents cold welding between nut and bolt thread



Required injection mortar: VMZ 330
Material: Stainless steel A4

Art. No.	Type description	Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Thread	Packaging unit (VPE)
0914 908 080	VMZ-A 50 M8, 15/80 A4	8 x 80 mm	10 mm	55 mm	13 mm	10 Nm	9	8 mm	80 mm	8 mm	10 PCS
0914 910 135	VMZ-A 60 M10-60/135 A4	10 x 135 mm	12 mm	65 mm	17 x 17 mm	15 Nm	12	10 mm	135 mm	10 mm	10 PCS
0914 910 105	VMZ-A 60 M10-30/105 A4	10 x 105 mm	12 mm	65 mm	17 x 17 mm	15 Nm	12	10 mm	105 mm	10 mm	10 PCS
0914 910 095	VMZ-A 60 M10-20/95 A4	10 x 95 mm	12 mm	65 mm	17 x 17 mm	15 Nm	12	10 mm	95 mm	10 mm	10 PCS
0914 910 085	VMZ-A 60 M10-10/85 A4	10 x 85 mm	12 mm	65 mm	17 x 17 mm	15 Nm	12	10 mm	85 mm	10 mm	10 PCS
0914 912 110	VMZ-A 80 M12, 10/110 A4	12 x 110 mm	14 mm	85 mm	19 mm	25 Nm	14	12 mm	110 mm	12 mm	10 PCS
0914 912 125	VMZ-A 80 M12, 25/125 A4	12 x 125 mm	14 mm	85 mm	19 mm	25 Nm	14	12 mm	125 mm	12 mm	10 PCS
0914 912 150	VMZ-A 80 M12, 50/150 A4	12 x 150 mm	14 mm	85 mm	19 mm	25 Nm	14	12 mm	150 mm	12 mm	10 PCS
0914 912 145	VMZ-A 100 M12, 25/145 A4	12 x 145 mm	14 mm	105 mm	19 mm	30 Nm	14	12 mm	145 mm	12 mm	10 PCS
0914 912 180	VMZ-A 100 M12, 60/180 A4	12 x 180 mm	14 mm	105 mm	19 mm	30 Nm	14	12 mm	180 mm	12 mm	10 PCS
0914 912 220	VMZ-A 100 M12, 100/220 A4	12 x 220 mm	14 mm	105 mm	19 mm	30 Nm	14	12 mm	220 mm	12 mm	10 PCS
0914 916 180	VMZ-A 125 M16, 30/180 A4	16 x 180 mm	18 mm	133 mm	24 mm	50 Nm	18	16 mm	180 mm	16 mm	10 PCS
0914 916 210	VMZ-A 125 M16, 60/210 A4	16 x 210 mm	18 mm	133 mm	24 mm	50 Nm	18	16 mm	210 mm	16 mm	10 PCS

Art. No.	Type description	Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Thread	Packaging unit (VPE)
0914 920 255	VMZ-A 170 M20, 50/255 A4	20 x 255 mm	24 mm	180 mm	30 mm	80 Nm		20 mm	255 mm	20 mm	5 PCS
0914 924 290	VMZ-A 200 M24-50/290 A4	20 x 290 mm	26 mm	215 mm	36 mm	120 Nm		20 mm	290 mm	24 mm	5 PCS

VMZ-A anchor rods

VMZ-A anchor rod for mounting in line with GEL 14 specification drawing

Advantages:
Less drilling required thanks to optimally adjusted anchorage depths
Most cap gradients and irregularities can be compensated by selecting suitable clamping widths
Structural analysis (anchor dimensions) available in line with GEL 14



Field of Application:
For
securing railing posts to bridges, especially when upgrading and constructing coping, cornices (GEL14) and similar attachments in line with these specification drawings.

Type description: VMZ-A 70 M12, 40/130 A4
Required injection mortar: VMZ 330
Anchor diameter x anchor length (l): 12 x 130 mm
Nominal drill-bit diameter (d 0): 14 mm
Drill hole depth (h 1): 75 mm
Width across flats: 19 mm
Torque during anchoring (T inst): 25 Nm
Through-hole in the component to be connected (d f): 14 mm
Material: Stainless steel A4
Anchor diameter: 12 mm
Anchor length (l): 130 mm
Thread diameter (metric thread): 12 mm

Art. No.	Packaging unit (VPE)
0914 912 130	10 PCS



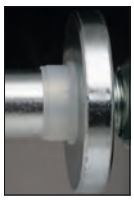


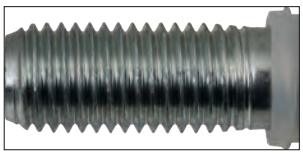
VMZ-A dynamic push-through anchor rods

The VMZ dynamic injection system is a bonded expansion anchor for dynamic loads, consisting of a VMZ composite mortar and a special anchor rod with nut and washer. Using an application gun, both components of the VMZ composite mortar are injected into the drill hole via a mixer nozzle and the anchor rods are inserted manually. The load is transferred via the mechanical interlocking of individual anchor rod cones in the mortar and also via a combination of retention and frictional forces in the concrete.









Advantages:

- Approved for general construction for static, mainly static and dynamic loads in cracked and non-cracked standard concrete with strength classes C20/25 and C50/60
- Safety through high load-bearing capacities
- Highest dynamic loads when static and non-static loads are separated and when the actual vibration frequency is taken into account
- Standard processing with conventional VMZ chemical injection mortar (only authorised for application with this system) and quick insertion thanks to push-through installation
- Instant installation checks possible if excess mortar escapes
- Also available for cotter-pin installation on request
- Deliverable in A4 and HCR versions on request

Application area:
For anchoring:

- Lift rails
- Conveyors or cranes
- Robots
- Slewing cranes
- Heavy machinery
- Ventilators
- Noise protection walls
- etc.
-

in cracked and non-cracked standard concrete with strength classes C20/25 and C50/60.

Field of Application:
For use in dry indoor areas using push-through installation

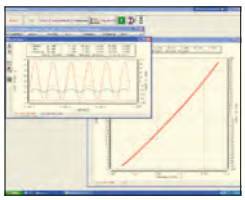
Advice:
For anchoring:

- Lift rails
- Conveyors or cranes
- Robots
- Slewing cranes
- Heavy machinery
- Ventilators
- Noise protection walls
- etc.
-

in cracked and non-cracked standard concrete with strength classes C20/25 and C50/60.

Required injection mortar: VMZ 330
Material: Steel
Surface: Galvanised

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill-bit diameter (d 0)	Drill hole depth (h 1)	Torque during anchoring (T inst)	Anchor diameter	Anchor length (l)	Thread diameter (metric thread)	Packaging unit (VPE)
0914 612 155	VMZ-A dyn 100 M12, 25/155 galvanised	12 x 155 mm	14 mm	105 mm	30 Nm	12 mm	155 mm	12 mm	10 PCS
0914 612 180	VMZ-A dyn 100 M12, 50/180 galvanised	12 x 180 mm	14 mm	105 mm	30 Nm	12 mm	180 mm	12 mm	10 PCS
0914 616 195	VMZ-A dyn 125 M16, 30/195 galvanised	16 x 195 mm	18 mm	133 mm	50 Nm	16 mm	195 mm	16 mm	10 PCS
0914 616 215	VMZ-A dyn 125 M16, 50/215 galvanised	16 x 215 mm	18 mm	133 mm	50 Nm	16 mm	215 mm	16 mm	10 PCS
0914 620 275	VMZ-A dyn 170 M20, 50/275 galvanised	20 x 275 mm	24 mm	180 mm	80 Nm	20 mm	275 mm	20 mm	5 PCS







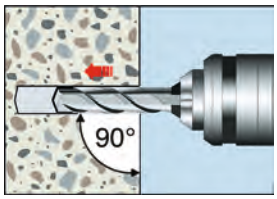


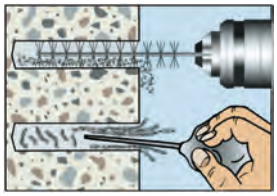




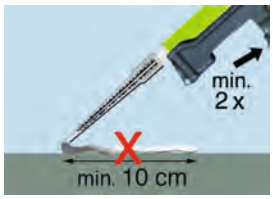




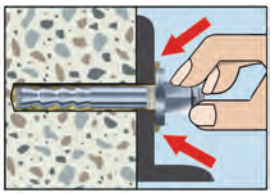


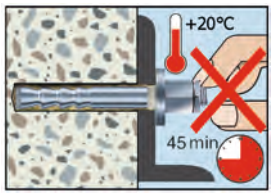










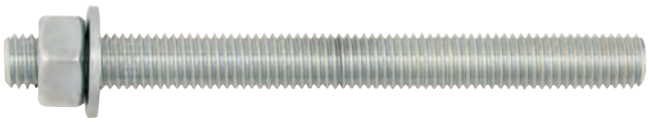




VMU-AH anchor rod for perforated sleeve, SH, 16 x 100

Field of Application:
For use in dry indoor areas

Material: Steel
Surface: Galvanised



Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during ancho-ring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0911 508 100	VMU-A M8, 10/100	VMU 330 Express, VMU 330, VMU plus 330	8 x 100 mm	10 mm	80 mm	13 mm	10 Nm	9 mm	8 mm	100 mm	10 PCS
0911 508 110	VMU-A M8, 20/110	VMU 330 Express, VMU 330, VMU plus 330	8 x 110 mm	10 mm	80 mm	13 mm	10 Nm	9 mm	8 mm	110 mm	10 PCS
0911 510 150	VMU-A M10-50/150	VMU 330 Express, VMU 330, VMU plus 330	10 x 150 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	150 mm	10 PCS
0911 510 130	VMU-A M10-30/130	VMU 330 Express, VMU 330, VMU plus 330	10 x 130 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	130 mm	10 PCS
0911 510 110	VMU-A M10-10/110	VMU 330 Express, VMU 330, VMU plus 330	10 x 110 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	110 mm	10 PCS
0911 512 225	VMU-A M12-225	VMU 330 Express, VMU 330, VMU plus 330	12 x 225 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	225 mm	10 PCS

Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0911 512 135	VMU-A M12, 10/135	VMU 330 Express, VMU 330, VMU plus 330	12 x 135 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	135 mm	10 PCS
0911 512 155	VMU-A M12, 30/155	VMU 330 Express, VMU 330, VMU plus 330	12 x 155 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	155 mm	10 PCS
0911 512 175	VMU-A M12, 50/175	VMU 330 Express, VMU 330, VMU plus 330	12 x 175 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	175 mm	10 PCS
0911 512 210	VMU-A M12, 85/210	VMU 330 Express, VMU 330, VMU plus 330	12 x 210 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	210 mm	10 PCS
0911 512 121	VMU-A M12x120	VMU 330 Express, VMU 330, VMU plus 330	12 x 120 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	120 mm	10 PCS
0911 512 131	VMU-A M12x130	VMU 330 Express, VMU 330, VMU plus 330	12 x 130 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	130 mm	10 PCS
0911 512 185	VMU-A M12x185	VMU 330 Express, VMU 330, VMU plus 330	12 x 185 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	185 mm	10 PCS
0911 512 265	VMU-A M12x265	VMU 330 Express, VMU 330, VMU plus 330	12 x 265 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	265 mm	10 PCS
0911 516 175	VMU-A M16, 30/175	VMU 330 Express, VMU 330, VMU plus 330	16 x 175 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	175 mm	10 PCS
0911 516 235	VMU-A M16-90/235	VMU 330 Express, VMU 330, VMU plus 330	16 x 235 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	235 mm	10 PCS
0911 516 205	VMU-A M16-60/205	VMU 330 Express, VMU 330, VMU plus 330	16 x 205 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	205 mm	10 PCS
0911 520 240	VMU-A M20-50/240	VMU 330 Express, VMU 330, VMU plus 330	20 x 240 mm	22 mm	170 mm	30 mm	120 Nm	22 mm	20 mm	240 mm	10 PCS

Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0911 512 130	VMU-AMH M12-25/130	VMU 330 Express, VMU 330	12 x 130 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	130 mm	10 PCS
0911 512 120	VMU-AMH M12-15/120	VMU 330 Express, VMU 330	12 x 120 mm	14 mm	110 mm	19 mm	40 Nm	14 mm	12 mm	120 mm	10 PCS

Threaded rod 3.1 for composite mortar systems, steel, galvanised

Field of Application:
For use in dry indoor areas



Advice:
The use of standard threaded rods, washers and nuts is permissible when using the VMU injection system in masonry or in non-cracked concrete if the following requirements are met:
- Material, dimensions and mechanical properties correspond to the specifications of the relevant approvals.
- Analysis of material and mechanical properties of steel components by acceptance test certificate 3.1 in line with EN 10204:2004; the certificates must be retained.
- Threaded rods must be marked with the required anchorage depth.
- Compliance with further requirements of the particular approval.

If using these threaded rods in other injection systems, the requirements of the respective approval must be fulfilled.

Required injection mortar: VMU 330, VMU 330 Express
Material: Steel
Surface: Galvanised
Anchor length (l): 1000 mm
Thread length (metric thread): 1000 mm

Art. No.	Type description	Anchor diameter x anchor length (l)	Anchor diameter	Packaging unit (VPE)
0911 658 08	VM-A 8x1000 5.8	8 x 1000 mm	8 mm	10 PCS
0911 658 10	VM-A 10x1000 5.8	10 x 1000 mm	10 mm	10 PCS
0911 658 12	VM-A 12x1000 5.8	12 x 1000 mm	12 mm	10 PCS
0911 658 16	VM-A 16x1000 5.8	16 x 1000 mm	16 mm	10 PCS
0911 658 20	VM-A 20x1000 5.8	20 x 1000 mm	20 mm	5 PCS
0911 658 24	VM-A 24x1000 5.8	24 x 1000 mm	24 mm	5 PCS

VMU-A anchor rods

Field of Application:
For use outdoors or in wet rooms if conditions are not particularly aggressive. The special coating on the nut prevents cold welding between nut and bolt thread



Material: Stainless steel A4

Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0911 908 100	VMU-A M8, 10/100 A4	VMU 330 Express, VMU 330, VMU plus 330	8 x 100 mm	10 mm	80 mm	13 mm	10 Nm	9 mm	8 mm	100 mm	10 PCS
0911 908 110	VMU-A M8, 20/110 A4	VMU 330 Express, VMU 330, VMU plus 330	8 x 110 mm	10 mm	80 mm	13 mm	10 Nm	9 mm	8 mm	110 mm	10 PCS
0911 910 110	VMU-A M10, 10/110 A4	VMU 330 Express, VMU 330, VMU plus 330	10 x 110 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	110 mm	10 PCS
0911 910 130	VMU-A M10, 30/130 A4	VMU 330 Express, VMU 330, VMU plus 330	10 x 130 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	130 mm	10 PCS
0911 910 150	VMU-A M10, 50/150 A4	VMU 330 Express, VMU 330, VMU plus 330	10 x 150 mm	12 mm	90 mm	17 mm	20 Nm	12 mm	10 mm	150 mm	10 PCS
0911 912 135	VMU-A M12, 10/135 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 135 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	135 mm	10 PCS
0911 912 155	VMU-A M12, 30/155 A4	VMZ 330 Express, VMU 330, VMU plus 330	12 x 155 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	155 mm	10 PCS
0911 912 175	VMU-A M12, 50/175 A4	VMZ 330 Express, VMU 330, VMU plus 330	12 x 175 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	175 mm	10 PCS
0911 912 225	VMU-A M12-225 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 225 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	225 mm	10 PCS
0911 912 121	VMU-A M12x120 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 120 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	120 mm	10 PCS
0911 912 131	VMU-A M12x130 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 130 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	130 mm	10 PCS
0911 912 185	VMU-A M12x185 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 185 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	185 mm	10 PCS

Art. No.	Type description		Anchor	Nominal drill-bit	Drill hole depth (h 1)	Width across flats	Torque during anchoring (T inst)		Anchor	Anchor length (l)	Packaging unit (VPE)
0911 912 265	VMU-A M12x265 A4	VMU 330 Express, VMU 330, VMU plus 330	12 x 265 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	265 mm	10 PCS
0911 916 175	VMU-A M16, 30/175 A4	VMZ 330 Express, VMU 330, VMU plus 330	16 x 175 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	175 mm	10 PCS
0911 916 235	VMU-A M16-90/235 A4	VMU 330 Express, VMU 330, VMU plus 330	16 x 235 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	235 mm	10 PCS
0911 916 205	VMU-A M16-60/205 A4	VMU 330 Express, VMU 330, VMU plus 330	16 x 205 mm	18 mm	125 mm	24 mm	60 Nm	18 mm	16 mm	205 mm	10 PCS
0911 920 240	VMU-A M20-50/240 A4	VMU 330 Express, VMU 330, VMU plus 330	20 x 240 mm	22 mm	170 mm	30 mm	120 Nm	22 mm	20 mm	240 mm	10 PCS
0911 912 130	VMU-AMH M12-25/130 A4	VMU 330 Express, VMU 330	12 x 130 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	130 mm	10 PCS
0911 912 120	VMU-AMH M12-15/120 A4	VMU 330 Express, VMU 330	12 x 120 mm	14 mm	90 mm	19 mm	40 Nm	14 mm	12 mm	120 mm	10 PCS

Threaded rod 3.1 for composite mortar systems, stainless steel A4

Field of Application:
For use outdoors or in wet rooms if conditions are not particularly aggressive.



Advice:
The use of standard threaded rods, washers and nuts is permissible when using the VMU injection system in masonry or in non-cracked concrete if the following requirements are met:
- Material, dimensions and mechanical properties correspond to the specifications of the relevant approvals.
- Analysis of material and mechanical properties of steel components by acceptance test certificate 3.1 in line with EN 10204:2004; the certificates must be retained.
- Threaded rods must be marked with the required anchorage depth.
- Compliance with further requirements of the particular approval.

If using these threaded rods in other injection systems, the requirements of the respective approval must be fulfilled.

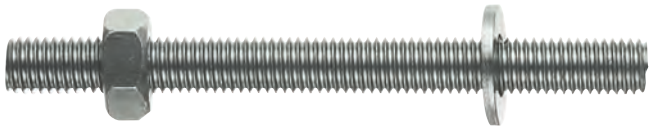
Required injection mortar: VMU 330 Express, VMU 330
Material: Stainless steel A4

Anchor length (l): 1000 mm
Thread length (metric thread): 1000 mm

Art. No.	Type description	Anchor diameter x anchor length (l)	Nominal drill-bit diameter (d 0)	Torque during anchoring (T inst)	Through-hole in the component to be connected (d f)	Anchor diameter	Thread diameter (metric thread)	Packaging unit (VPE)
0911 804 08	VM-A 8x1000 A4	8 x 1000 mm	10 mm	2	9 mm	8 mm	8 mm	10 PCS
0911 804 10	VM-A 10x1000 A4	10 x 1000 mm	12 mm	2	12 mm	10 mm	10 mm	10 PCS
0911 804 12	VM-A 12x1000 A4	12 x 1000 mm	14 mm	2	14 mm	12 mm	12 mm	10 PCS
0911 804 16	VM-A 16x1000 A4	16 x 1000 mm	18 mm			16 mm	16 mm	10 PCS
0911 804 20	VM-A 20x1000 A4	20 x 1000 mm	24 mm			20 mm	20 mm	5 PCS
0911 804 24	VM-A 24x1000 A4	24 x 1000 mm	28 mm			24 mm	24 mm	5 PCS

VM Multi anchor rods

Material: Steel
Surface: Galvanised



Art. No.	Type description	Anchor diameter x anchor length (l)	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0912 206 070	VMM-A 6	6 x 70 mm	6 mm	70 mm	10 PCS
0912 208 100	VMM-A 8	8 x 100 mm	8 mm	100 mm	10 PCS
0912 210 110	VMM-A 10	10 x 110 mm	10 mm	110 mm	10 PCS
0912 212 115	VMM-A 12	12 x 115 mm	12 mm	115 mm	10 PCS

VMZ-IG female thread sleeves

Advantages:

- Anchor rod expansion cones can be optimally adjusted using various anchorage depths for high load-bearing capacities in cracked and non-cracked concrete
- Low expansion pressure allows low centre-to-centre distances and edge distances



- Can be used in wet and dry concrete from drill hole diameter ≥ 14 mm (VMZ-A ≥ M12, VMZ-IG ≥ M10), even in drill holes full of water
- Application permissible above a surface temperature of -5°C
- Drill hole is sealed as well as possible after curing
- High temperature resistance (permanently up to +72°C, briefly up to +120°C)
- Opened cartridges can be re-used if they are re-sealed with the end cap
- Can also be used in concrete < C20/25 and in hard natural stone without construction permit
-
- Flexible application using threaded rods, washers and nuts or bolts made from galvanised steel with a strength class 8.8 and upwards
- Attractive look thanks to full selection of head types such as countersunk head, pan head, hexagon head, cylinder head etc.
- Fixings can be removed from the flush-mounted anchor







Field of Application:
For use in dry indoor areas

Thread type: Metric thread
Material: Steel
Surface: Galvanised
Required injection mortar: VMZ 330

Art. No.	Type description	Anchor	Outer	Female-thread length	Nominal drill-bit	Drill hole depth (h 1)	Torque during ancho-ring (T inst)			Anchor	Packaging unit (VPE)
0914 408 060	VMZ-IG 60M8	8 x 63 mm	9.7 mm	16 mm	12 mm	65 mm	10	100 mm	9 mm	8 mm	10 PCS
0914 410 080	VMZ-IG 80M10	10 x 84 mm	12.5 mm	23 mm	14 mm	85 mm	15	110 mm	12 mm	10 mm	10 PCS
0914 412 090	VMZ-IG 90M12	12 x 94 mm	16.5 mm	24 mm	18 mm	98 mm	25	130 mm	14 mm	12 mm	10 PCS
0914 412 125	VMZ-IG 125M12	12 x 130 mm	16.5 mm	30 mm	18 mm	133 mm	25	170 mm	14 mm	12 mm	10 PCS
0914 416 170	VMZ-IG 170M16	16 x 180 mm	22.0 mm	32 mm	24 mm	180 mm	50	230 mm	18 mm	16 mm	5 PCS
0914 420 170	VMZ-IG 170M20	16 x 182 mm	24.0 mm	40 mm	26 mm	185 mm	80	230 mm	22 mm	16 mm	5 PCS

VMZ-IG female thread sleeves

Advantages:
- Anchor rod expansion cones can be optimally adjusted using various anchorage depths for high load-bearing capacities in cracked and non-cracked concrete
- Low expansion pressure allows low centre-to-centre distances and edge distances



- Can be used in wet and dry concrete from drill hole diameter ≥ 14 mm (VMZ-A ≥ M12, VMZ-IG ≥ M10), even in drill holes full of water
- Application permissible above a surface temperature of -5°C
- Drill hole is sealed as well as possible after curing
- High temperature resistance (permanently up to +72°C, briefly up to +120°C)
- Opened cartridges can be re-used if they are re-sealed with the end cap
- Can also be used in concrete < C20/25 and in hard natural stone without construction permit
-
- Flexible application using threaded rods, washers and nuts or bolts made from strength class A4-70 and upwards
- Attractive look thanks to full selection of head types such as countersunk head, pan head, hexagon head, cylinder head etc.
- Fixings can be removed from the flush-mounted anchor







Field of Application:
For use outdoors or in wet rooms if conditions are not particularly aggressive.

Thread type: Metric thread
Material: Stainless steel A4
Required injection mortar: VMZ 330

Art. No.	Type description	Anchor	Outer	Female-thread length	Nominal drill-bit	Drill hole depth (h 1)	Torque during ancho-ring (T inst)			Anchor	Packaging unit (VPE)
0914 808 060	VMZ-IG 60M8 A4	8 x 63 mm	9.7 mm	16 mm	12 mm	65 mm	10	100 mm	9 mm	8 mm	10 PCS
0914 810 080	VMZ-IG 80M10 A4	10 x 84 mm	12.5 mm	23 mm	14 mm	85 mm	15	110 mm	12 mm	10 mm	10 PCS
0914 812 090	VMZ-IG 90M12 A4	12 x 94 mm	16.5 mm	24 mm	18 mm	98 mm	25	130 mm	14 mm	12 mm	10 PCS
0914 812 125	VMZ-IG 125M12 A4	12 x 130 mm	16.5 mm	30 mm	18 mm	133 mm	25	170 mm	14 mm	12 mm	10 PCS
0914 816 170	VMZ-IG 170M16 A4	16 x 180 mm	22.0 mm	32 mm	24 mm	180 mm	50	230 mm	18 mm	16 mm	5 PCS
0914 820 170	VMZ-IG 170M20 A4	16 x 182 mm	24.0 mm	40 mm	26 mm	185 mm	80	230 mm	22 mm	16 mm	5 PCS

Female thread sleeve

Field of Application:
For use in dry indoor areas

Thread type: Metric thread
Material: Steel
Surface: Galvanised







Art. No.	Type description	Anchor	Outer	Nominal drill-bit	Drill hole depth (h 1)	Torque during anchoring (T inst)			Anchor	Anchor length (l)	Packaging unit (VPE)
0911 508 0	VMU-IGH M8	8 x 93 mm	12 mm	16 mm	105 mm	8	9	VMU 330, VMU 330 Express	8 mm	93 mm	10 PCS
0911 506 080	VMU-IG M6	6 x 80 mm	10 mm	16 mm	85 mm	2	7	VMU plus 330	6 mm	80 mm	10 PCS
0911 506 090	VMU-IG M6	6 x 90 mm	10 mm	12 mm	90 mm	2	7	VMU plus 330	6 mm	90 mm	10 PCS
0911 508 080	VMU-IG M8	8 x 80 mm	12 mm	20 mm	85 mm	2	9	VMU plus 330	8 mm	80 mm	10 PCS
0911 508	VMU-IG M8	8 x 93 mm	12 mm	14 mm	98 mm	8	9	VMU 330, VMU 330 Express	8 mm	93 mm	10 PCS
0911 58 100	VMU-IG M8	8 x 100 mm	12 mm	14 mm	100 mm	2	9	VMU plus 330	8 mm	100 mm	10 PCS
0911 510 080	VMU-IG M10	10 x 80 mm	16 mm	20 mm	85 mm	2	9	VMU plus 330	10 mm	80 mm	10 PCS
0911 510 100	VMU-IG M10	10 x 100 mm	16 mm	18 mm	100 mm	2	9	VMU plus 330	10 mm	100 mm	10 PCS

Female thread sleeve

Field of Application:
For use outdoors or in wet rooms if conditions are not particularly aggressive. The special coating on the nut prevents cold welding between nut and bolt thread



Thread type: Metric thread
Torque during anchoring (T inst): 2
Material: Stainless steel A4



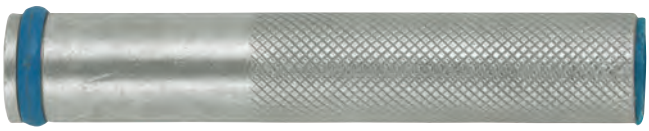
Art. No.	Type description	Anchor diameter x anchor length (l)	Outer diameter	Nominal drill-bit diameter injection system (d 0)	Drill hole depth (h 1)	Through-hole in the component to be connected (d f)	Required injection mortar	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0911 908 0	VMU-IGH M8	8 x 93 mm	12 mm	16 mm	105 mm	9	VMU 330, VMU 330 Express	8 mm	93 mm	10 PCS
0911 906 080	VMU-IG M6x80	6 x 80 mm	10 mm	16 mm	85 mm	7	VMU plus 330	6 mm	80 mm	10 PCS
0911 906 090	VMU-IG M6x90	6 x 90 mm	10 mm	12 mm	90 mm	7	VMU plus 330	6 mm	90 mm	10 PCS
0911 908	VMU-IG M8	8 x 93 mm	12 mm	14 mm	98 mm	9	VMU 330, VMU 330 Express	8 mm	93 mm	10 PCS
0911 908 080	VMU-IG M8x80	8 x 80 mm	12 mm	20 mm	85 mm	9	VMU plus 330	8 mm	80 mm	10 PCS
0911 98 100	VMU-IG M8x100	8 x 100 mm	12 mm	14 mm	100 mm	9	VMU plus 330	8 mm	100 mm	10 PCS

Art. No.	Type description	Anchor diameter x anchor length (l)	Outer diameter	Nominal drill-bit diameter injection system (d 0)	Drill hole depth (h 1)	Through-hole in the component to be connected (d f)	Required injection mortar	Anchor diameter	Anchor length (l)	Packaging unit (VPE)
0911 910 080	VMU-IG M10x80	10 x 80 mm	16 mm	20 mm	85 mm	9	VMU plus 330	10 mm	80 mm	10 PCS
0911 910 100	VMU-IG M10x100	10 x 100 mm	16 mm	18 mm	100 mm	9	VMU plus 330	10 mm	100 mm	10 PCS

VM Multi female thread sleeves

Advantages:
- Grooved surface for secure hold in composite mortar

Thread type: Metric thread
Material: Steel
Surface: Galvanised
Anchor length (l): 81 mm

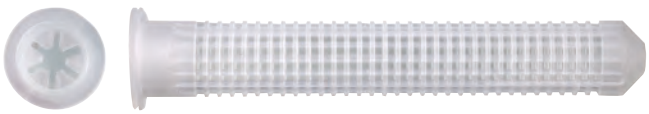


Art. No.	Type description	Anchor	Outer	Female-thread length	Nominal drill-bit	Drill hole depth (h 1)	Torque during ancho-ring (T inst)			Suitable for sieve sleeve	Packaging unit (VPE)
0912 406 051	IT M6	6 x 81 mm	8.0 mm	40 mm						Plastic 12 x 50, Plastic 15 x 85, Plastic 15 x 130	10 PCS
0912 408 081	IT M8	8 x 81 mm	12.0 mm	70 mm	14 mm	90 mm	10	140 mm	9 mm	Plastic 15 x 85, Plastic 15 x 130	10 PCS
0912 410 081	IT M10	10 x 81 mm	14.0 mm	70 mm	16 mm	90 mm	20	160 mm	12 mm	Plastic 20 x 85	10 PCS
0912 412 081	IT M12	12 x 81 mm	16.0 mm	70 mm	18 mm	100 mm	40	180 mm	14 mm	Plastic 20 x 85	10 PCS

VMU-SH plastic perforated sleeves

Field of Application:
For fixings in perforated brick

Material: PP - Polypropylene



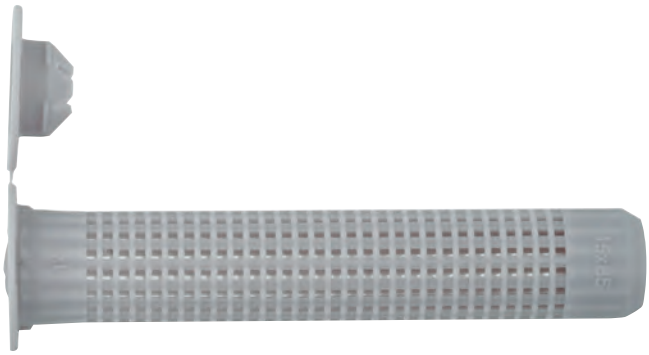
Art. No.	Type description	Nominal drill hole diameter	Drill hole depth	Suitable for anchor rod	Packaging unit (VPE)
0911 312 080	VM-SH 12 x 80	12 mm	80 mm	M8	10 PCS
0911 316 085	VM-SH 16 x 85	16 mm	85 mm	M8, M10	10 PCS
0911 316 130	VM-SH 16 x 130	16 mm	130 mm	M8, M10	10 PCS
0911 320 085	VM-SH 20 x 85	20 mm	85 mm	M12, M16	10 PCS
0911 320 130	VM-SH 20 x 130	20 mm	130 mm	M12, M16	10 PCS
0911 320 200	VM-SH 20 x 200	20 mm	200 mm	M12, M16	10 PCS

Art. No.	Type description	Nominal drill hole diameter	Drill hole depth	Suitable for anchor rod	Packaging unit (VPE)
0911 314 100	VMU-SH 14-100	14 mm	105 mm	VMU-A M8	10 PCS
0911 316 100	VMU-SH 16-100	16 mm	105 mm	VMU-A M10, VMU-AH M12, VMU-IGH M6, VMU-IGH M8	10 PCS

VM Multi plastic perforated sleeves

Application area:
For fixings in perforated brick

Content remark: With centring insert for adjusting to different anchor rod sizes



Art. No.	Type description	Diameter x length	Nominal drill hole diameter	Drill hole depth	Suitable for anchor rod	Packaging unit (VPE)
0912 509 050	KSH 12	12 x 50 mm	12 mm	60 mm	M6, M8, M6 IT	10 PCS
0912 513 085	KSH 15	16 x 85 mm	16 mm	95 mm	M8, M10, M12, M6 IT, M8 IT	10 PCS
0912 513 130	KSH 15 L	16 x 130 mm	16 mm	140 mm	M8, M10, M12, M6 IT, M8 IT	10 PCS
0912 517 085	KSH 20	20 x 85 mm	20 mm	95 mm	M12, M16, M10 IT, M12 IT	10 PCS

VM Multi metal perforated sleeves

Application area:
For fixings in perforated brick



Art. No.	Type description	Diameter x length	Nominal drill hole diameter	Suitable for anchor rod	Packaging unit (VPE)
0912 600 121	MSH 12	11 x 1000 mm	12 mm	M6, M8	5 PCS
0912 600 161	MSH 16	14 x 1000 mm	16 mm	M8, M10, M12	5 PCS
0912 600 221	MSH 22	20 x 1000 mm	22 mm	M12, M14, M16	5 PCS

Static mixer nozzle, VM Multi Plus

Product description:
Suitable for all reca chemical injection mortars

Type description: Mixer nozzle, VM-X
Diameter: 8.0 mm
Length: 200.0 mm



Art. No.	Packaging unit (VPE)
0911 001 301	10 PCS

VM-XL mixing pipe extension for VM-X mixer nozzle

Product description:
Suitable for VM-X mixer nozzle



Application area:
Required for VMZ-A M20 and VMZ-A M24 for reliable filling of the drill hole from the bottom up and for deep drill holes.

Diameter: 10 mm

Art. No.	Type description	Length	Packaging unit (VPE)
0912 130 200	VM-XE 10/200	200 mm	25 PCS
0912 130 500	VM-XE 10/500	500 mm	10 PCS
0912 131 000	VM-XE 10/1,000	1000 mm	10 PCS

VM-IA injection adapter

For injecting the mortar into the borehole without any bubbles

Colour: Black



Art. No.	Type description	Compatible with drill hole diameter	Suitable for max. rein-forcement	Suitable for screwing-thread diameter (d thr)	Packaging unit (VPE)
0911 001 014	VM-IA 14	14 mm	10 mm	12 mm	20 PCS
0911 001 016	VM-IA 16	16 mm	12 mm		20 PCS
0911 001 018	VM-IA 18	18 mm	14 mm	16 mm	20 PCS
0911 001 020	VM-IA 20	20 mm	16 mm		20 PCS
0911 001 024	VM-IA 24	24 mm	20 mm	20 mm	20 PCS
0911 001 025	VM-IA 25	25 mm	20 mm		20 PCS
0911 001 028	VM-IA 28	28 mm	22 mm	24 mm	20 PCS
0911 001 032	VM-IA 32	32 mm	25 mm	27 mm	20 PCS
0911 001 035	VM-IA 35	35 mm	28 mm	30 mm	20 PCS
0911 001 040	VM-IA 40	40 mm	32 mm		20 PCS

Cartridge gun

Product description:
Compatible with 150 ml, 300 ml and 330 ml coaxial cartridges

Advantages:
- Can also be used for silicon cartridges (except: S78+S80)

Type description: Application gun, standard 330



Art. No.	Packaging unit (VPE)
0891 020 912	1 PCS

VM application gun for coaxial cartridges, 310–330 ml

Product description:
Compatible with 150 ml, 300 ml and 330 ml coaxial cartridges

Advantages:
- Fill level indicator
- Can also be used for silicon cartridges (except: S78+S80)

Type description: Application gun, VM 330



Art. No.	Packaging unit (VPE)
0911 001 297	1 PCS

Handymax cartridge gun

Product description:
Compatible with 150 ml, 300 ml and 330 ml coaxial cartridges

Advantages:
- Fill level indicator
- Can also be used for silicon cartridges (except: S78+S80)
- Special gear ratio for very low compression resistance
- Extra robust design

Type description: Application gun, Handymax 330



Art. No.	Packaging unit (VPE)
0891 022 912	1 PCS

Economax application gun for coaxial cartridges, 385–420 ml

Product description:
Compatible with 380–420 ml coaxial cartridges

Advantages:
- Special gear ratio for low compression resistance
- Robust design

Type description: Application gun, Economax 420



Art. No.	Packaging unit (VPE)
0912 102 420	1 PCS

VMU plus installation bag

Advantages:
- Immediately ready for use for all M8 and M10 fixings in concrete, solid brick and perforated brick
- Clear layout with sufficient space for additional accessories
- Includes replacement mixing tubes, cleaning brushes, blow-out pump and high-quality application gun
- Perforated sleeves and anchor rods clearly laid out in RECA VISO assortment box
- In RECA tool bag made from durable yet light fabric
- Handle and shoulder strap for comfortable transportation, external compartments, retaining straps for visibility and quick access

Advice:
VMU plus chemical injection mortar and accessories in RECA installation box 238



Art. No.	Packaging unit (VPE)
0911 001 700	1 PCS
0911 003 700	1 PCS

2

VMU plus installation box 238

Advantages:
- Ample cartridge storage space for construction site requirements
- Space for storing additional installation materials
- Easy to carry thanks to handle and recessed grips on sides
- Can be attached to other RECA boxes

- Composition of set: 12 VMU cartridges, each 330 ml
- Mixer nozzle included
- 10 additional mixer nozzles
- Application gun



Art. No.	Packaging unit (VPE)
0911 003 955	1 PCS

VMU installation bag

Advantages:
- Immediately ready for use for all M8 and M10 fixings in concrete, solid brick and perforated brick
- Clear layout with sufficient space for additional accessories
- Includes replacement mixing tubes, cleaning brushes, blow-out pump and high-quality application gun
- Perforated sleeves and anchor rods clearly laid out in reca VISO assortment box
- In reca tool bag made from durable yet light fabric
- Handle and shoulder strap for comfortable transportation, external compartments, retaining straps for visibility and quick access

Type description: VMU installation bag



Art. No.	Packaging unit (VPE)
0911 002 700	1 PCS

VMU installation box 238

Advantages:
- Ample cartridge storage space for construction site requirements
- Space for storing additional installation materials
- Easy to carry thanks to handle and recessed grips on sides
- Can be attached to other reca boxes

Type description: VMU installation box 238
- Composition of set: 12 VMU cartridges, each 330 ml
- Mixer nozzle included
- 10 additional mixer nozzles
- Application gun



Art. No.	Packaging unit (VPE)
0911 025 955	1 PCS

VM Multi plus stacking box

Advantages:
- Ample cartridge storage space for construction site requirements
- Space for storing additional installation materials
- Stackable
- Easy to carry using handle recesses on sides

Type description: VM Multi plus stacking box



Art. No.	Packaging unit (VPE)
0912 025	1 PCS

VM Winter installation box 238

Advantages:
- Ample cartridge storage space for construction site requirements
- Space for storing additional installation materials
- Non-slip stacking and secure connection of reca boxes using click mechanism
- Easy to carry thanks to the ergonomically-shaped handle and lateral recessed grips made from soft plastic
- Transport multiple boxes simultaneously
- Light, extremely high-quality ABS plastic ensures maximum breakage resistance

Type description: VM Winter mounting box



Art. No.	Packaging unit (VPE)
0911 020 955	1 PCS

Blow-out bulb, Ø 70 mm

Type description: Blow-out bulb



Art. No.	Packaging unit (VPE)
0912 7	1 PCS

VM-AP blow-out pump, 70 x 315 mm

Application area:
For drill holes from M8

Advice:
Part of the general construction permit for VMZ and VMU

Diameter: 70 mm



Art. No.	Type description	Length	Volume	Packaging unit (VPE)
0912 70	VM-AP 600	315 mm	600 ml	1 PCS
0914 110	VM-AP 900	415 mm	900 ml	1 PCS

VMZ-ABP compressed air nozzle for drill holes = Ø 18 mm

Product description:
M12 connecting thread, compatible with compressed air blow-out gun, article no. 1696 500



Application area:
Required to clean VMZ A M20 drill holes and Ø 18 mm drill holes

Art. No.	Type description	Packaging unit (VPE)
0914 121 000	VM-ABP 14/1,000	1 PCS
0914 120	VM-ABP 16/250	1 PCS
0914 120 500	VM-ABP 16/500	1 PCS

Cleaning brushes made from steel wire

Product description:
Cleaning brush made from steel wire



Advantages:
- M6 connecting thread for extensions and for clamping in keyed drill chucks

Application area:
For cleaning drill holes in concrete.

Advice:
Part of the general construction permit for VMZ and VMU injection in concrete

Art. No.	Packaging unit (VPE)
0914 100 08	1 PCS
0914 100 10	1 PCS
0914 100 12	1 PCS
0914 100 14	1 PCS
0914 100 16	1 PCS
0914 100 18	1 PCS
0914 100 20	1 PCS
0914 100 24	1 PCS
0914 100 28	1 PCS
0914 100 32	1 PCS
0914 100 35	1 PCS
0914 100 40	1 PCS

VMU-RB-H hand brush for solid and perforated brick masonry

Product description:
Cleaning brush with nylon bristles and wooden T-handle

Application area:
For cleaning drill holes in solid and perforated brick masonry

Min. drill hole diameter: 10 mm
Max. drill hole diameter: 16 mm



Art. No.	Type description	Length	Packaging unit (VPE)
0911 118	RB-H 18/250	250 mm	1 PCS

Art. No.	Type description	Length	Packaging unit (VPE)
0911 118 400	RB-H 18/400	400 mm	1 PCS

RBL M6 brush extension with M6 female thread

Advantages:
- M6 connecting thread for extensions and for clamping in keyed drill chucks



Application area:
For extending RB M6 steel wire cleaning brushes

Art. No.	Packaging unit (VPE)
0914 100 002	1 PCS

RBL M6 SDS Plus adapter with M6 female thread

Application area:
For using RB M6 steel wire cleaning brushes in hammer drills with SDS PLUS adapter



Advice:
M6 female thread

Art. No.	Packaging unit (VPE)
0914 100 001	1 PCS

RECA Dimos anchor sets

Thermally separated spacer mounting system. The ideal solution for heavy load mountings with large spacings in perforated bricks

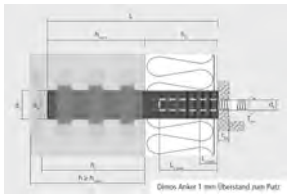
Product description:
The Dimos anchor system offers the perfect solution for challenging mountings. Used for medium to heavy loads in perforated bricks with a spacer mounting with thermal separation.

Advantages:
- System tested by IFBT Leipzig
- Significant reduction of thermal bridge, as no through-studding
- Stainless steel A4 for high weather resistance
- Simple and quick mounting: Drill hole – insert anchor – press in mortar – finished!
- For all insulation thicknesses from 80-200 mm



Field of Application:
Main applications are heavy load mountings in insulated walls in accordance with composite thermal insulation systems in perforated bricks.

Advice:
One set consists of 2x Dimos anchors, 1x VMU plus 330 ml, 1x mounting instructions and the appropriate mounting set.



Anchor diameter: 37 mm
Material: PA 6 GF30 - Polyamide
Required injection mortar: VMU plus 330
Composite mortar requirement per anchor: 150 ml
Min/max. screw-in depth of threaded rod (Lsd): 35-80 mm
Min./max. nominal drill diameter: 39 - 40 mm
Drill hole depth (h 1): 125 mm
Attachment height (t fix): 22 mm
Through-hole in the component to be connected (d f): 13 mm
Minimum component thickness for masonry (h min): 175 mm
Min. edge clearance (c min): 125 mm
Min. centre-to-centre distance (s min): 77 mm
Min./max. anchoring depth: 115 - 135 mm
Anchoring depth (h nom): 125 mm

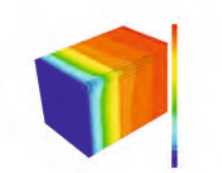


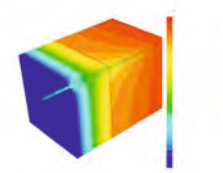


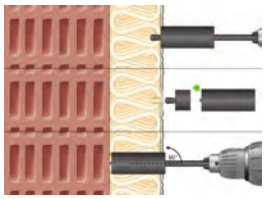
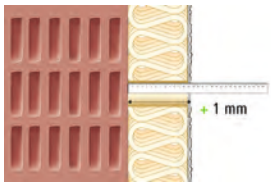
IFBT geprüft Institut für Fassaden- und Befestigungstechnik

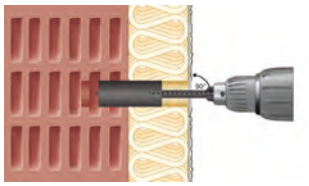
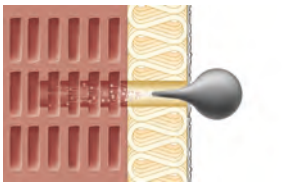


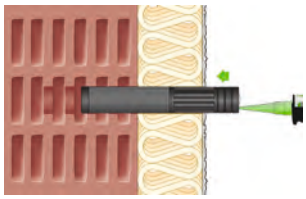
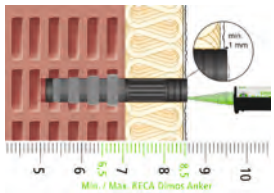
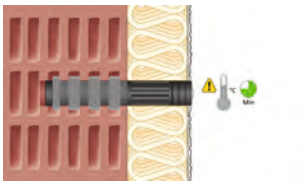
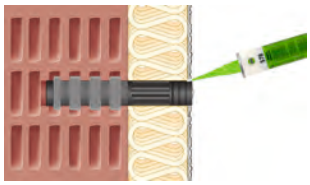
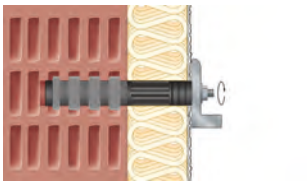
Art. No.	Anchor length (l)	Min./max. insulation thickness	Number of sets	Number of pieces	Packaging unit (VPE)
0911 202 120	245 mm	80-120 mm	1	9	1 PCS
0911 224 120	245 mm	80-120 mm	12	119	1 PCS
0911 202 160	285 mm	120-160 mm	1	9	1 PCS
0911 224 160	285 mm	120-160 mm	12	119	1 PCS
0911 202 200	325 mm	160-200 mm	1	9	1 PCS
0911 224 200	325 mm	160-200 mm	12	119	1 PCS





Dimos drill bit, spot drilling aid and adapter

Special boring system for the RECA Dimos anchor

Field of Application:
Solid and perforated brick, aerated concrete

Advice:
We recommend treating the machine chuck and insertion end of the drill with lubricants from our arecal range following extended use (art. sub. no. 0896).






Art. No.	Type description	Diameter	Length	Tool holding device	Connection thread	Packaging unit (VPE)
0911 245 100	Dimos adapter for drill bit (100)		100 mm	HEX WS11	M16	1 PCS
0911 245 200	Dimos adapter for drill bit (200)		200 mm	HEX WS11	M16	1 PCS
0911 240 220	Dimos drill bit	39 mm	220 mm			1 PCS
0911 245 000	Dimos spot drilling aid for drill bit	34 mm	50 mm			1 PCS

Distance mounting system, Dimos sleeve

The spaced mounting system for load bridging in external wall insulation

Product description:
The RECA spaced mounting system, DIMOS, facilitates safe load transfer in solid substrates and materials with non-solid intermediate layers. The system comprises plastic sleeves of various diameters that bridge the insulating material.



Advantages:
- Safe load transfer for a range of substrates
- Non-anchor-specific application; for example in combination with stud anchors and composite mortar systems
- Suitable for various anchor diameters and anchor rod diameters up to M16
- RECA DIMOS is covered by the majority of brackets thanks to its slim design
- Quick and simple assembly
- Thick insulation can be bridged by cutting metre sections to length
- Immediate load-bearing capacity – no waiting

Application area:
For securing
canopies, pergolas, awnings, window shutters, brackets, downpipes, chimneys, signs, lighting, letter boxes etc.
to
various substrates in which insulation layers must be bridged.

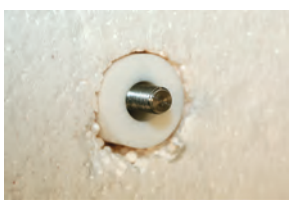
Advice:
- Drill hole
- Create suitable spacer sleeve by cutting metre sections
- If necessary, push the RECA DIMOS into the insulation as a centring aid
- Create a hole for the anchor
- Pre-mount the anchor
- Mount RECA DIMOS
- Secure the bracket

Length: 1000 mm
Material: Polyoxymethylene (copolymer)

Art. No.	Type description	Outer diameter	Internal diameter	Min. drill diameter	Packaging unit (VPE)
0902 641 000	DIMOS 40/18/1000	40 mm	18 mm	42 mm	1 PCS
0902 681 000	DIMOS 80/30/1000	80 mm	27 mm	85 mm	1 PCS







speed-tron 2-edge hammer drill bit, SDS-plus

The fastest hammer drill bit to save you time

Product description:
The fast 2-edge hammer drill bit with innovative carbide plate for fast drilling progress and a long service life. 4-spiral design for optimum drill dust removal in the smallest diameters up to 17 mm; stable 2-spiral design with large grooves for conveying drill dust and optimum force transfer for larger hammer drills





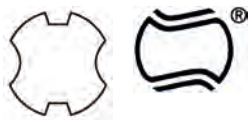
Advantages:
- With active centring point for optimised centring and innovative carbide plate that discharges the drilling dust straight into the spiral

Application area:
for all SDS-plus hammer drill bits in the 2-4 kg class

Field of Application:
Masonry and concrete

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!

Type description: RECA speed-tron 2-edge hammer drill bit
Suitable for machine type: Drill and chipping hammer, 2 - 4 kg class
Surface: Bare



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 504 115	4.0 mm	115 mm	50 mm	3 PCS
0648 504 165	4.0 mm	165 mm	100 mm	3 PCS
0648 505 115	5.0 mm	115 mm	50 mm	3 PCS
0648 505 165	5.0 mm	165 mm	100 mm	3 PCS
0648 505 215	5.0 mm	215 mm	150 mm	3 PCS
0648 505 315	5.0 mm	315 mm	250 mm	1 PCS
0648 555 115	5.5 mm	115 mm	50 mm	3 PCS
0648 555 165	5.5 mm	165 mm	100 mm	3 PCS
0648 555 215	5.5 mm	215 mm	150 mm	3 PCS
0648 506 115	6.0 mm	115 mm	50 mm	3 PCS
0648 506 165	6.0 mm	165 mm	100 mm	3 PCS
0648 506 215	6.0 mm	215 mm	150 mm	3 PCS
0648 506 265	6.0 mm	265 mm	200 mm	3 PCS
0648 506 465	6.0 mm	465 mm	400 mm	1 PCS
0648 565 165	6.5 mm	165 mm	100 mm	3 PCS
0648 565 215	6.5 mm	215 mm	150 mm	3 PCS
0648 565 216	6.5 mm	215 mm	150 mm	10 PCS
0648 565 265	6.5 mm	265 mm	200 mm	3 PCS
0648 565 315	6.5 mm	315 mm	250 mm	1 PCS
0648 507 165	7.0 mm	165 mm	100 mm	3 PCS
0648 507 215	7.0 mm	215 mm	150 mm	3 PCS
0648 508 115	8.0 mm	115 mm	50 mm	3 PCS
0648 508 165	8.0 mm	165 mm	100 mm	3 PCS
0648 508 215	8.0 mm	215 mm	150 mm	3 PCS
0648 508 265	8.0 mm	265 mm	200 mm	3 PCS
0648 508 315	8.0 mm	315 mm	250 mm	1 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 508 465	8.0 mm	465 mm	400 mm	1 PCS
0648 508 615	8.0 mm	615 mm	550 mm	1 PCS
0648 509 215	9.0 mm	215 mm	150 mm	3 PCS
0648 510 115	10.0 mm	115 mm	50 mm	3 PCS
0648 510 165	10.0 mm	165 mm	100 mm	3 PCS
0648 510 215	10.0 mm	215 mm	150 mm	3 PCS
0648 510 265	10.0 mm	265 mm	200 mm	3 PCS
0648 510 315	10.0 mm	315 mm	250 mm	1 PCS
0648 510 465	10.0 mm	465 mm	400 mm	1 PCS
0648 510 615	10.0 mm	615 mm	550 mm	1 PCS
0648 511 215	11.0 mm	215 mm	150 mm	3 PCS
0648 512 165	12.0 mm	165 mm	100 mm	3 PCS
0648 512 215	12.0 mm	215 mm	150 mm	3 PCS
0648 512 265	12.0 mm	265 mm	200 mm	3 PCS
0648 512 315	12.0 mm	315 mm	250 mm	1 PCS
0648 512 465	12.0 mm	465 mm	400 mm	1 PCS
0648 512 615	12.0 mm	615 mm	550 mm	1 PCS
0648 512 999	12.0 mm	1000 mm	950 mm	1 PCS
0648 513 215	13.0 mm	215 mm	150 mm	1 PCS
0648 514 165	14.0 mm	165 mm	100 mm	1 PCS
0648 514 215	14.0 mm	215 mm	150 mm	1 PCS
0648 514 265	14.0 mm	265 mm	200 mm	1 PCS
0648 514 315	14.0 mm	315 mm	250 mm	1 PCS
0648 514 465	14.0 mm	465 mm	400 mm	1 PCS
0648 514 615	14.0 mm	615 mm	550 mm	1 PCS
0648 514 999	14.0 mm	1000 mm	950 mm	1 PCS
0648 515 165	15.0 mm	165 mm	100 mm	1 PCS
0648 515 265	15.0 mm	265 mm	200 mm	1 PCS
0648 516 215	16.0 mm	215 mm	150 mm	1 PCS
0648 516 315	16.0 mm	315 mm	250 mm	1 PCS
0648 516 465	16.0 mm	465 mm	400 mm	1 PCS
0648 516 610	16.0 mm	610 mm	550 mm	1 PCS
0648 516 999	16.0 mm	1000 mm	950 mm	1 PCS
0648 518 200	18.0 mm	200 mm	150 mm	1 PCS
0648 518 300	18.0 mm	300 mm	250 mm	1 PCS
0648 518 450	18.0 mm	450 mm	400 mm	1 PCS
0648 518 600	18.0 mm	600 mm	550 mm	1 PCS
0648 518 999	18.0 mm	1000 mm	950 mm	1 PCS
0648 520 200	20.0 mm	200 mm	150 mm	1 PCS
0648 520 300	20.0 mm	300 mm	250 mm	1 PCS
0648 520 450	20.0 mm	450 mm	400 mm	1 PCS
0648 520 600	20.0 mm	600 mm	550 mm	1 PCS
0648 520 999	20.0 mm	1000 mm	950 mm	1 PCS
0648 522 250	22.0 mm	250 mm	200 mm	1 PCS
0648 522 450	22.0 mm	450 mm	400 mm	1 PCS
0648 522 600	22.0 mm	600 mm	550 mm	1 PCS
0648 522 999	22.0 mm	1000 mm	950 mm	1 PCS
0648 524 250	24.0 mm	250 mm	200 mm	1 PCS
0648 524 450	24.0 mm	450 mm	400 mm	1 PCS
0648 525 250	25.0 mm	250 mm	200 mm	1 PCS
0648 525 450	25.0 mm	450 mm	400 mm	1 PCS
0648 526 250	26.0 mm	250 mm	200 mm	1 PCS

speed-tron 2-edge hammer drill bit SDS-plus trade pack

The fastest hammer drill bit to save you time

Product description:
The fast 2-edge hammer drill bit with innovative carbide plate for fast drilling progress and a long service life. 4-spiral design for optimum drill dust removal in the smallest diameters up to 17 mm; stable 2-spiral design with large grooves for conveying drill dust and optimum force transfer for larger hammer drills



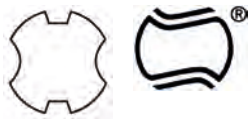
Advantages:
- With active centring point for optimised centring and innovative carbide plate that discharges the drilling dust straight into the spiral

Application area:
for all SDS-plus hammer drill bits in the 2-4 kg class

Field of Application:
Masonry and concrete

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!





speed-tron 2-edge hammer drill bit SDS-plus bumper pack

The fastest hammer drill bit to save you time

Product description:
The fast 2-edge hammer drill bit with innovative carbide plate for fast drilling progress and a long service life. 4-spiral design for optimum drill dust removal in the smallest diameters up to 17 mm; stable 2-spiral design with large grooves for conveying drill dust and optimum force transfer for larger hammer drills



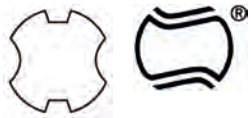
Advantages:
- With active centring point for optimised centring and innovative carbide plate that discharges the drilling dust straight into the spiral

Application area:
for all SDS-plus hammer drill bits in the 2-4 kg class

Field of Application:
Masonry and concrete

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!





speed-tron 2-edge hammer drill bit SDS-plus mega pack

The fastest hammer drill bit to save you time

Product description:
The fast 2-edge hammer drill bit with innovative carbide plate for fast drilling progress and a long service life. 4-spiral design for optimum drill dust removal in the smallest diameters up to 17 mm; stable 2-spiral design with large grooves for conveying drill dust and optimum force transfer for larger hammer drills

Advantages:
- With active centring point for optimised centring and innovative carbide plate that discharges the drilling dust straight into the spiral

Application area:
for all SDS-plus hammer drill bits in the 2-4 kg class

Field of Application:
Masonry and concrete

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!





speed-tron 2-edge hammer drill bit SDS-plus sets

The fastest hammer drill bit to save you time

Product description:
The fast 2-edge hammer drill bit with innovative carbide plate for fast drilling progress and a long service life. 4-spiral design for optimum drill dust removal in the smallest diameters up to 17 mm; stable 2-spiral design with large grooves for conveying drill dust and optimum force transfer for larger hammer drills

Advantages:
- With active centring point for optimised centring and innovative carbide plate that discharges the drilling dust straight into the spiral

Application area:
for all SDS-plus hammer drill bits in the 2-4 kg class

Field of Application:
Masonry and concrete

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!







Art. No.	Content remark	Packaging unit (VPE)
0648 500 007	Box with 7 drill bits: 5x115/6x115/6x165/8x115/8x165/10x165/12x165	1 PCS

Art. No.	Content remark	Packaging unit (VPE)
0648 599 993	Test pack containing 3 sizes: 6x165/8x165/10x165	1 PCS

x-tron hammer drill bit SDS-plus

The robust all-rounder with an extremely long service life

Product description:
4-cutter drill head and reinforced-core coil for a longer service life and precision drill holes



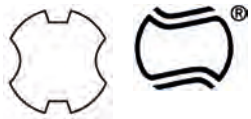
Advantages:
- The centring point drills with pin-point accuracy and prevents runout
- The core-reinforced spiral accelerates the transport of the cuttings and optimises the impact transfer
- The 4-tip drill head is more robust, drills with pin-point accuracy and prevents jamming in case of lateral reinforcement impact





Field of Application:
Concrete (also reinforced), sand-lime brick, solid brick

Advice:
All dimensions with a working length greater than 400 mm should be predrilled to at least 150 mm with a short drill of the same diameter!



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 112 160	12.0 mm	160.0 mm	100.0 mm	1 PCS
0648 112 210	12.0 mm	210.0 mm	150.0 mm	1 PCS
0648 112 260	12.0 mm	260.0 mm	200.0 mm	1 PCS
0648 112 310	12.0 mm	310.0 mm	250.0 mm	1 PCS
0648 112 450	12.0 mm	450.0 mm	400.0 mm	1 PCS
0648 112 600	12.0 mm	600.0 mm	550.0 mm	1 PCS
0648 112 999	12.0 mm	1000.0 mm	950.0 mm	1 PCS
0648 114 160	14.0 mm	160.0 mm	100.0 mm	1 PCS
0648 114 210	14.0 mm	210.0 mm	150.0 mm	1 PCS
0648 114 260	14.0 mm	260.0 mm	200.0 mm	1 PCS
0648 114 310	14.0 mm	310.0 mm	250.0 mm	1 PCS
0648 114 450	14.0 mm	450.0 mm	400.0 mm	1 PCS
0648 114 600	14.0 mm	600.0 mm	550.0 mm	1 PCS
0648 114 999	14.0 mm	1000.0 mm	950.0 mm	1 PCS
0648 115 160	15.0 mm	160.0 mm	100.0 mm	1 PCS
0648 115 210	15.0 mm	210.0 mm	150.0 mm	1 PCS
0648 115 260	15.0 mm	260.0 mm	200.0 mm	1 PCS
0648 115 450	15.0 mm	450.0 mm	400.0 mm	1 PCS
0648 116 160	16.0 mm	160.0 mm	100.0 mm	1 PCS
0648 116 210	16.0 mm	210.0 mm	150.0 mm	1 PCS
0648 116 260	16.0 mm	260.0 mm	200.0 mm	1 PCS
0648 116 310	16.0 mm	310 mm	260 mm	1 PCS
0648 116 450	16.0 mm	450.0 mm	400.0 mm	1 PCS
0648 116 600	16.0 mm	600.0 mm	550.0 mm	1 PCS
0648 116 999	16.0 mm	1000.0 mm	950.0 mm	1 PCS
0648 118 250	18.0 mm	250.0 mm	200.0 mm	1 PCS
0648 118 450	18.0 mm	450.0 mm	400.0 mm	1 PCS
0648 120 250	20.0 mm	250.0 mm	200.0 mm	1 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 120 450	20.0 mm	450.0 mm	400.0 mm	1 PCS
0648 122 250	22.0 mm	250.0 mm	200.0 mm	1 PCS
0648 122 450	22.0 mm	450.0 mm	400.0 mm	1 PCS
0648 124 250	24.0 mm	250.0 mm	200.0 mm	1 PCS
0648 124 450	24.0 mm	450.0 mm	400.0 mm	1 PCS
0648 125 250	25.0 mm	250.0 mm	200.0 mm	1 PCS
0648 125 450	25.0 mm	450.0 mm	400.0 mm	1 PCS
0648 128 450	28.0 mm	450.0 mm	400.0 mm	1 PCS
0648 130 250	30.0 mm	250.0 mm	200.0 mm	1 PCS
0648 130 450	30.0 mm	450.0 mm	400.0 mm	1 PCS

x-tron hammer drill bit SAFE 7-part SDS-plus

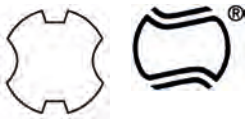
Product description:
SDS drill box containing 1 pc. 5x110/6x110/8x110/6x160/8x160/10x160/12x160



Advantages:
- The centring point drills with pin-point accuracy and prevents runout
- The core-reinforced spiral accelerates the transport of the cuttings and optimises the impact transfer
- The 4-tip drill head is more robust, drills with pin-point accuracy and prevents jamming in case of lateral reinforcement impact

Field of Application:
Concrete (also reinforced), sand-lime brick, solid brick

Advice:
All dimensions with a working length greater than 400 mm should be predrilled to at least 150 mm with a short drill of the same diameter!







Art. No.	Packaging unit (VPE)
0648 100 007	1 PCS

SDSplus hammer drill bit x-tron ultra with solid cemented carbide head

Maximum performance and ultra-modern „Made in Germany“ manufacturing technology

Product description:
RECA hammer drill bit x-tron ultra:
New head design with
- Centring tip for simple positioning
- Reinforcement chamfers to prevent hooking into reinforcement
- Solid main cutting edge
- Wear marker for easy recognition of wear limit according to PGM
- POWER SHOULDERS for enhanced demolition performance in concrete and optimised compatibility with reinforcements

New spiral design with
- Narrow back for reduced friction and faster drilling
- Wide back for reduced wear and protection against breakages and higher service life





Application area:
For all SDSplus hammer drill bits in the 2-4 kg class

Field of Application:
Concrete, reinforced concrete, masonry, sand-lime brick, solid brick and all other stone materials

Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!

Type description: RECA hammer drill bit x-tron SDSplus with solid cemented carbide head
Suitable for machine type: Drill and chipping hammer, 2 - 4 kg class
Surface: Bare





Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 250 110	5.0 mm	115 mm	50 mm	3 PCS
0648 250 160	5.0 mm	165 mm	100 mm	3 PCS
0648 250 210	5.0 mm	215 mm	150 mm	3 PCS
0648 260 110	6.0 mm	115 mm	50 mm	3 PCS
0648 260 160	6.0 mm	165 mm	100 mm	3 PCS
0648 260 210	6.0 mm	215 mm	150 mm	3 PCS
0648 260 260	6.0 mm	265 mm	200 mm	3 PCS
0648 260 310	6.0 mm	315 mm	250 mm	1 PCS
0648 260 360	6.0 mm	365 mm	300 mm	1 PCS
0648 265 210	6.5 mm	215 mm	150 mm	3 PCS
0648 265 260	6.5 mm	265 mm	200 mm	3 PCS
0648 265 310	6.5 mm	315 mm	250 mm	1 PCS
0648 265 365	6.5 mm	365 mm	300 mm	1 PCS
0648 265 465	6.5 mm	465 mm	400 mm	1 PCS
0648 270 165	7.0 mm	165 mm	100 mm	3 PCS
0648 280 110	8.0 mm	115 mm	50 mm	3 PCS
0648 280 160	8.0 mm	165 mm	100 mm	3 PCS
0648 280 210	8.0 mm	215 mm	150 mm	3 PCS
0648 280 260	8.0 mm	265 mm	200 mm	3 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 280 310	8.0 mm	315 mm	250 mm	1 PCS
0648 280 360	8.0 mm	365 mm	300 mm	1 PCS
0648 280 460	8.0 mm	465 mm	400 mm	1 PCS
0648 310 110	10.0 mm	115 mm	50 mm	3 PCS
0648 310 160	10.0 mm	165 mm	100 mm	3 PCS
0648 310 210	10.0 mm	215 mm	150 mm	3 PCS
0648 310 260	10.0 mm	265 mm	200 mm	3 PCS
0648 310 310	10.0 mm	315 mm	250 mm	1 PCS
0648 310 360	10.0 mm	365 mm	300 mm	1 PCS
0648 310 460	10.0 mm	455 mm	390 mm	1 PCS
0648 310 600	10.0 mm	600 mm	540 mm	1 PCS
0648 310 999	10.0 mm	1000 mm	940 mm	1 PCS

SDSplus hammer drill bit x-tron ultra with solid cemented carbide head in handy craftsman pack

Maximum performance and ultra-modern „Made in Germany“ manufacturing technology

Product description:
RECA hammer drill bit x-tron ultra:
New head design with

- Centring tip for simple positioning
- Reinforcement chamfers to prevent hooking into reinforcement
- Solid main cutting edge
- Wear marker for easy recognition of wear limit according to PGM
- POWER SHOULDERS for enhanced demolition performance in concrete and optimised compatibility with reinforcements

New spiral design with

- Narrow back for reduced friction and faster drilling
- Wide back for reduced wear and protection against breakages and higher service life



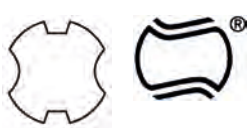
Application area:
For all SDSplus hammer drill bits in the 2-4 kg class

Field of Application:
Concrete, reinforced concrete, masonry, sand-lime brick, solid brick and all other stone materials



Advice:
All dimensions with a working length greater than 400 mm should be pre-drilled to at least 150 mm with a short drill of the same diameter!

Type description: RECA hammer drill bit x-tron SDSplus with solid cemented carbide head
Suitable for machine type: Drill and chipping hammer, 2 - 4 kg class
Surface: Bare



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 250 111	5.0 mm	115 mm	50 mm	10 PCS
0648 250 161	5.0 mm	165 mm	100 mm	10 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0648 260 111	6.0 mm	115 mm	50 mm	10 PCS
0648 260 112	6.0 mm	115 mm	50 mm	25 PCS
0648 260 161	6.0 mm	165 mm	100 mm	10 PCS
0648 260 162	6.0 mm	165 mm	100 mm	25 PCS
0648 260 211	6.0 mm	215 mm	150 mm	10 PCS
0648 265 211	6.5 mm	215 mm	150 mm	10 PCS
0648 280 111	8.0 mm	115 mm	50 mm	10 PCS
0648 280 161	8.0 mm	165 mm	100 mm	10 PCS
0648 280 162	8.0 mm	165 mm	100 mm	25 PCS
0648 280 211	8.0 mm	215 mm	150 mm	10 PCS
0648 280 212	8.0 mm	215 mm	150 mm	25 PCS
0648 280 261	8.0 mm	265 mm	200 mm	10 PCS
0648 310 161	10.0 mm	165 mm	100 mm	10 PCS
0648 310 162	10.0 mm	165 mm	100 mm	25 PCS
0648 310 211	10.0 mm	215 mm	150 mm	10 PCS
0648 310 212	10.0 mm	215 mm	150 mm	25 PCS
0648 310 261	10.0 mm	265 mm	200 mm	10 PCS

Accessories for hammer drill bit

Advice:
When adapting from SDS-max to SDS-plus, the service life of the tools is significantly reduced, particularly in the < Ø 16 mm diameter range!
These adapters should only be used as an emergency solution and are only intended for brief use. As the impact energy of hammer drills has increased over the last 20 years, these adapters are subjected to very large forces, and are therefore not intended for continual use.





Art. No.	Type description	Length	Packaging unit (VPE)
0649 702 197	Adapter, hexagon socket, AF13 to SDS-plus	197.0 mm	1 PCS
0649 500	Adapter, SDS-max to SDS-plus	220.0 mm	1 PCS

x-tron ultra SDS-max 4-edge hammer drill bit

Long service life, fast drilling progress, precision drill holes - top quality!

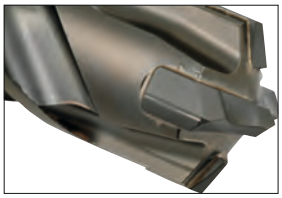
Product description:
Innovative, robust 4-edge drill head and 4-spiral reinforced-core coil for unrivalled service life, precision drill holes and low vibration.



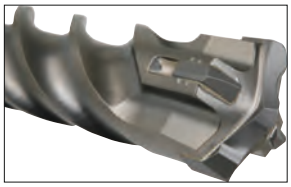
Advantages:

- The centring point drills with pin-point accuracy and prevents runout
- The core-reinforced spiral accelerates the transport of the cuttings and optimises the impact transfer
- The robust head geometry and solid cemented carbide plates with patented reinforcement chamfering are designed for the toughest applications.
- The wear marker is used to assess the dimensional accuracy of the anchor holes. If the edge is no longer visible, the end of the service life has been reached and dimensional accuracy is no longer guaranteed.



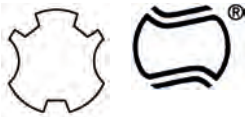


Field of Application:
Concrete, reinforced concrete, sand-lime brick, solid brick





Advice:
All dimensions with a working length greater than 400 mm should be predrilled to at least 150 mm with a short drill of the same diameter!



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0649 012 340	12.0 mm	340.0 mm	200.0 mm	1 PCS
0649 012 540	12.0 mm	540.0 mm	400.0 mm	1 PCS
0649 012 740	12.0 mm	740.0 mm	600.0 mm	1 PCS
0649 012 940	12.0 mm	940.0 mm	800.0 mm	1 PCS
0649 014 340	14.0 mm	340.0 mm	200.0 mm	1 PCS
0649 014 540	14.0 mm	540.0 mm	400.0 mm	1 PCS
0649 014 940	14.0 mm	940.0 mm	800.0 mm	1 PCS
0649 015 340	15.0 mm	340.0 mm	200.0 mm	1 PCS
0649 015 540	15.0 mm	540.0 mm	400.0 mm	1 PCS
0649 016 340	16.0 mm	340.0 mm	200.0 mm	1 PCS
0649 016 540	16.0 mm	540.0 mm	400.0 mm	1 PCS
0649 016 940	16.0 mm	940.0 mm	800.0 mm	1 PCS
0649 018 340	18.0 mm	340.0 mm	200.0 mm	1 PCS
0649 018 540	18.0 mm	540.0 mm	400.0 mm	1 PCS
0649 018 940	18.0 mm	940.0 mm	800.0 mm	1 PCS
0649 020 320	20.0 mm	320.0 mm	200.0 mm	1 PCS
0649 020 520	20.0 mm	520.0 mm	400.0 mm	1 PCS
0649 020 920	20.0 mm	920.0 mm	800.0 mm	1 PCS
0649 022 320	22.0 mm	320.0 mm	200.0 mm	1 PCS
0649 022 520	22.0 mm	520.0 mm	400.0 mm	1 PCS
0649 022 920	22.0 mm	920.0 mm	800.0 mm	1 PCS
0649 024 320	24.0 mm	320.0 mm	200.0 mm	1 PCS
0649 024 520	24.0 mm	520.0 mm	400.0 mm	1 PCS
0649 025 320	25.0 mm	320.0 mm	200.0 mm	1 PCS
0649 025 520	25.0 mm	520.0 mm	400.0 mm	1 PCS
0649 025 920	25.0 mm	920.0 mm	800.0 mm	1 PCS
0649 026 520	26.0 mm	520.0 mm	400.0 mm	1 PCS
0649 028 370	28.0 mm	370.0 mm	250.0 mm	1 PCS
0649 028 570	28.0 mm	570.0 mm	450.0 mm	1 PCS
0649 028 670	28.0 mm	670.0 mm	550.0 mm	1 PCS
0649 028 920	28.0 mm	920.0 mm	800.0 mm	1 PCS
0649 030 370	30.0 mm	370.0 mm	250.0 mm	1 PCS
0649 030 570	30.0 mm	570.0 mm	450.0 mm	1 PCS
0649 032 370	32.0 mm	370.0 mm	250.0 mm	1 PCS
0649 032 570	32.0 mm	570.0 mm	450.0 mm	1 PCS
0649 032 920	32.0 mm	920.0 mm	800.0 mm	1 PCS
0649 035 370	35.0 mm	370.0 mm	250.0 mm	1 PCS
0649 035 570	35.0 mm	570.0 mm	450.0 mm	1 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0649 035 670	35.0 mm	670.0 mm	550.0 mm	1 PCS
0649 035 920	35.0 mm	920.0 mm	800.0 mm	1 PCS
0649 038 370	38.0 mm	370.0 mm	250.0 mm	1 PCS
0649 038 570	38.0 mm	570.0 mm	450.0 mm	1 PCS
0649 040 370	40.0 mm	370.0 mm	250.0 mm	1 PCS
0649 040 570	40.0 mm	570.0 mm	450.0 mm	1 PCS
0649 040 920	40.0 mm	920.0 mm	800.0 mm	1 PCS
0649 045 570	45.0 mm	570.0 mm	450.0 mm	1 PCS
0649 052 570	52.0 mm	570.0 mm	450.0 mm	1 PCS

mega-tron III hammer drill bit SDS-max

mega-light + mega-fast + mega-robust = mega-comfortable

Advantages:

- The long centring point drills with pin-point accuracy and prevents runout
- The large cemented carbide teeth are deeply embedded for a long service live and fast drilling progress
- The additional dozer tooth makes it easier to drill out the entire core diameter
- The large-volume spiral grooves accelerate rock removal
- The short spiral reduces the drill weight and reduces the effort required
- Reinforced spiral edge and core diameter for higher breakage resistance



Application area:

- Suitable for use in masonry produced from sand-lime brick, brick, perforated brick, aerated concrete and unreinforced lightweight concrete
- Partially suitable for use in unreinforced concrete
- Not suitable for use in reinforced concrete

Field of Application:
Concrete without reinforcement, sand-lime brick, solid brick, perforated brick



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0649 445 550	45.0 mm	550.0 mm	410.0 mm	1 PCS
0649 445 990	45.0 mm	990.0 mm	850.0 mm	1 PCS
0649 455 550	55.0 mm	550.0 mm	410.0 mm	1 PCS
0649 455 990	55.0 mm	990.0 mm	850.0 mm	1 PCS
0649 465 550	65.0 mm	550.0 mm	410.0 mm	1 PCS
0649 465 990	65.0 mm	990.0 mm	850.0 mm	1 PCS
0649 480 550	80.0 mm	550.0 mm	410.0 mm	1 PCS
0649 480 990	80.0 mm	990.0 mm	850.0 mm	1 PCS

Hammer core bit ratio - adapter and accessories

Product description:
The heavy hammer core bits with ratio connection are used mainly on SDS-max devices, but can also be adapted to suit other systems.

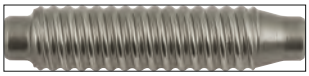


Advantages:

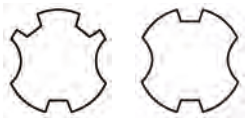
- The thread ratio provides a secure and readily detachable connection

- The extensive range of accessories offers maximum flexibility for meeting diverse requirements





Field of Application:
Concrete, solid and perforated brick, solid sand-lime and perforated brick, aerated concrete



Art. No.	Type description	Length	Packaging unit (VPE)
0649 796			1 PCS
0649 799 011	Ratio centre drill	155.0 mm	1 PCS
0649 799 280	Ratio extension	280.0 mm	1 PCS
0649 799 050	Ratio stud bolt	63.0 mm	1 PCS
0649 791	SDS-Max adapter (machine side) on ratio thread (crown side)	185.0 mm	1 PCS
0649 793	SDS-plus adapter (machine side) on ratio thread (crown side)	108.0 mm	1 PCS

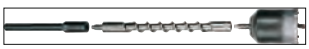
Hammer core bit ratio

Product description:
The heavy hammer core bits with ratio connection are used mainly on SDS-max devices, but can also be adapted to suit other systems.

Advantages:
- The large cemented carbide teeth are deeply embedded for a long service life and fast drilling progress
- The variable toothing (spade and chisel tooth) guarantee fast drilling progress
- The ratio thread provides a secure and readily detachable connection
- The reduced bit body behind the cemented carbide teeth reduces the friction on the drill hole wall, thereby benefiting both man and machine
- The extensive range of accessories offers maximum flexibility for meeting diverse requirements

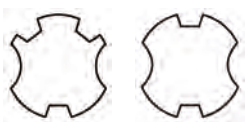


Field of Application:
Concrete, solid and perforated brick, solid sand-lime and perforated brick, aerated concrete



Advice:
These heavy hammer core bits feature a function for the easy removal of seized drilling cores. Ideal for use with RECA drill core remover 0649 796.

Length: 105.0 mm
Working length: 80.0 mm



Art. No.	Diameter	Number of teeth	Packaging unit (VPE)
0649 710 040	40.0 mm	6 PCS	1 PCS
0649 720 050	50.0 mm	6 PCS	1 PCS
0649 730 066	65.0 mm	6 PCS	1 PCS

Art. No.	Diameter	Number of teeth	Packaging unit (VPE)
0649 740 080	80.0 mm	8 PCS	1 PCS
0649 750 090	90.0 mm	8 PCS	1 PCS
0649 760 100	100.0 mm	10 PCS	1 PCS
0649 770 125	125.0 mm	12 PCS	1 PCS

Impact core drill bit with carbide teeth

The lightweight drill bit for SDS-plus machines

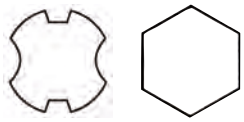
Product description:
Lightweight carbide-tipped drill bits with M 16 connecting thread for use on lightweight hammer drills with SDS-plus or hammer drilling machines with drill chuck

Advantages:
- Precise concentricity for precision drill holes
- Ideal for embedding sockets or built-in lights

Field of Application:
Solid and perforated brick, solid sand-lime and perforated brick, aerated concrete



Length: 120.0 mm
Working length: 50.0 mm



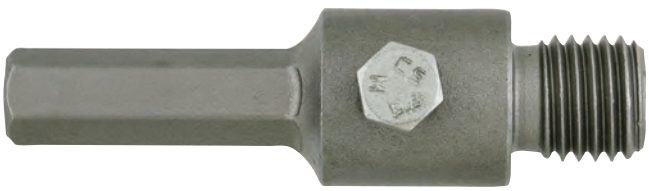
Art. No.	Diameter	Number of teeth	Packaging unit (VPE)
0649 825	25.0 mm	4 PCS	1 PCS
0649 830	30.0 mm	6 PCS	1 PCS
0649 835	35.0 mm	6 PCS	1 PCS
0649 840	40.0 mm	6 PCS	1 PCS
0649 850	50.0 mm	6 PCS	1 PCS
0649 865	68.0 mm	6 PCS	1 PCS
0649 880	80.0 mm	6 PCS	1 PCS
0649 890	90.0 mm	6 PCS	1 PCS
0649 810 0	100.0 mm	8 PCS	1 PCS
0649 811 2	112.0 mm	8 PCS	1 PCS

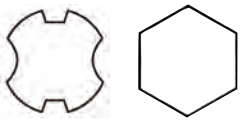
Adapters and centre drills for impact core drill bits

Product description:
Drive arbor with M 16 connecting thread for lightweight impact core drill bits

Advantages:
- The complete range of accessories for using carbide-tipped drill bits

Field of Application:
Solid and perforated brick, solid sand-lime and perforated brick, aerated concrete









Art. No.	Type description	Length	Connection thread	Packaging unit (VPE)
0649 806 078	Adapter, hexagon socket, AF 11	78.0 mm	M16	1 PCS
0649 806 220	Adapter, hexagon socket, AF 11	220.0 mm	M16	1 PCS
0649 806 370	Adapter, hexagon socket, AF 11	370.0 mm	M16	1 PCS
0649 807 105	Adapter, SDS-plus	105.0 mm	M16	1 PCS
0649 807 220	Adapter, SDS-plus	220.0 mm	M16	1 PCS
0649 807 370	Adapter, SDS-plus	370.0 mm	M16	1 PCS
0649 808 120	RECA centre drill	130.0 mm		1 PCS

Multi-purpose drill bit UNICORN round shaft

With special, diamond-ground cemented carbide plate for universal application

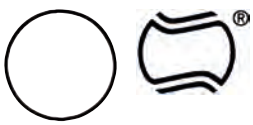
Product description:
For turning and impact work in hammer drilling machines and cordless drill screwdrivers; for drilling tiles with scratch hardness of 8 at reduced rotation speed of approx. 400-600 rpm; for drilling in vertically perforated bricks with no cavity web breakage; ideal for interior work and renovations; ideal for cordless drill screwdrivers with up to 40% more holes per charge



Advantages:
- The cemented carbide panel is diamond-ground for universal application
- The robust drill head permits impact application

Application area:
For use on hammer drilling machines and cordless drills in a broad range of materials

Field of Application:
Tiles and ceramics up to abrasive hardness 8, masonry, e.g. brick, sandstone, clinker, concrete (impact application up to C 20/25), wood, e.g. softwood and hardwood, chipboard, sandwich elements, e.g. window frames, plastics, metal (max. 3 mm) e.g. iron, aluminium, copper



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0650 003 070	3.0 mm	70.0 mm	40.0 mm	1 PCS
0650 004 075	4.0 mm	75.0 mm	40.0 mm	1 PCS
0650 005 085	5.0 mm	85.0 mm	50.0 mm	1 PCS
0650 006 100	6.0 mm	100.0 mm	60.0 mm	1 PCS
0650 006 150	6.0 mm	150.0 mm	90.0 mm	1 PCS
0650 006 250	6.0 mm	250.0 mm	200.0 mm	1 PCS
0650 065 100	6.5 mm	100.0 mm	60.0 mm	1 PCS
0650 065 250	6.5 mm	250 mm	200 mm	1 PCS
0650 007 100	7.0 mm	100.0 mm	60.0 mm	1 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0650 008 120	8.0 mm	120.0 mm	80.0 mm	1 PCS
0650 008 250	8.0 mm	250.0 mm	200.0 mm	1 PCS
0650 009 250	9.0 mm	250.0 mm	200.0 mm	1 PCS
0650 010 120	10.0 mm	120.0 mm	80.0 mm	1 PCS
0650 010 250	10.0 mm	250.0 mm	200.0 mm	1 PCS
0650 010 350	10.0 mm	350.0 mm	300.0 mm	1 PCS
0650 012 150	12.0 mm	150.0 mm	90.0 mm	1 PCS
0650 012 250	12.0 mm	250.0 mm	200.0 mm	1 PCS
0650 014 250	14.0 mm	250.0 mm	200.0 mm	1 PCS
0650 016 200	16.0 mm	200.0 mm	150.0 mm	1 PCS

UNICON multi-purpose drill bit, round shaft, large pack

Special, diamond-ground cemented carbide panel for universal application

Product description:
For turning and impact work in hammer drilling machines and cordless drill screwdrivers; for drilling tiles with scratch hardness of 8 at reduced rotation speed of approx. 400-600 rpm; for drilling in vertically perforated bricks with no cavity web breakage; ideal for interior work and renovations; ideal for cordless drill screwdrivers with up to 40% more holes per charge



Advantages:
- The cemented carbide panel is diamond-ground for universal application
- The robust drill head permits impact application

Field of Application:
Tiles and ceramics up to abrasive hardness 8, masonry, e.g. brick, sandstone, clinker, concrete (impact application up to C 20/25), wood, e.g. softwood and hardwood, chipboard, sandwich elements, e.g. window frames, plastics, metal (max. 3 mm) e.g. iron, aluminium, copper



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0650 004 751	4.0 mm	75.0 mm	40.0 mm	10 PCS
0650 005 851	5.0 mm	85.0 mm	50.0 mm	10 PCS
0650 006 101	6.0 mm	100.0 mm	60.0 mm	10 PCS
0650 008 121	8.0 mm	120.0 mm	80.0 mm	10 PCS

UNICON multi-purpose drill bit, cassette, 7-part, round shaft

Special, diamond-ground cemented carbide panel for universal application

Product description:
For turning and impact work in hammer drilling machines and cordless drill screwdrivers; for drilling tiles with scratch hardness of 8 at reduced rotation speed of approx. 400-600 rpm; for drilling in vertically perforated bricks with no cavity web breakage; ideal for interior work and renovations; ideal for cordless drill screwdrivers with up to 40% more holes per charge



Advantages:
- The cemented carbide panel is diamond-ground for universal application
- The robust drill head permits impact application

Field of Application:
Tiles and ceramics up to abrasive hardness 8, masonry, e.g. brick, sandstone, clinker, concrete (impact application up to C 20/25), wood, e.g. softwood and hardwood, chipboard, sandwich elements, e.g. window frames, plastics, metal (max. 3 mm) e.g. iron, aluminium, copper

Advice:
Cassette contents: 4x75/5x85/6x100 (2x)/8x120/10x120/12x150

Art. No.	Packaging unit (VPE)
0650 000 007	1 PCS

HARDCON tile drill bit, round shaft

Special drill for rotary application in extremely hard materials

Field of Application:
Tiles and ceramics (up to abrasive hardness 8), masonry e.g. solid brick, clinker, natural stone, e.g. granite





Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0650 914 075	4.0 mm	75.0 mm	40.0 mm	10 PCS
0650 915 085	5.0 mm	85.0 mm	50.0 mm	10 PCS
0650 916 100	6.0 mm	100.0 mm	60.0 mm	10 PCS
0650 918 120	8.0 mm	120.0 mm	80.0 mm	10 PCS
0650 910 120	10.0 mm	120.0 mm	80.0 mm	10 PCS

HARDON tile drill bit, cassette, 7-part, round shaft

Special drill for rotary application in extremely hard materials

Product description:
Cassette contents: 4x75/5x85/6x100 (2x)/8x120/10x120/12x120

Field of Application:
Tiles and ceramics (up to abrasive hardness 8), masonry e.g. solid brick, clinker, natural stone, e.g. granite







Art. No.	Packaging unit (VPE)
0650 900 007	1 PCS

Formwork and installation drill bit SDS-plus, right-hand cutting

Product description:
Long drill bit in HSS quality



Field of Application:
Formwork, planks, floorboards, beams, gypsum and light building boards, sheet metal, non-ferrous profiles

Advice:
HSS quality, therefore also suitable as façade and hollow section twist drill for metal, profiled sheeting etc.



Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0631 010 400	10.0 mm	400.0 mm	350.0 mm	1 PCS
0631 010 600	10.0 mm	600.0 mm	550.0 mm	1 PCS
0631 012 400	12.0 mm	400.0 mm	350.0 mm	1 PCS
0631 012 600	12.0 mm	600.0 mm	550.0 mm	1 PCS
0631 014 400	14.0 mm	400.0 mm	350.0 mm	1 PCS
0631 014 600	14.0 mm	600.0 mm	550.0 mm	1 PCS
0631 016 400	16.0 mm	400.0 mm	350.0 mm	1 PCS
0631 016 600	16.0 mm	600.0 mm	550.0 mm	1 PCS
0631 018 400	18.0 mm	400.0 mm	350.0 mm	1 PCS
0631 018 600	18.0 mm	600.0 mm	550.0 mm	1 PCS
0631 020 400	20.0 mm	400.0 mm	350.0 mm	1 PCS
0631 020 600	20.0 mm	600.0 mm	550.0 mm	1 PCS
0631 022 400	22.0 mm	400.0 mm	350.0 mm	1 PCS
0631 022 600	22.0 mm	600.0 mm	550.0 mm	1 PCS
0631 024 400	24.0 mm	400.0 mm	350.0 mm	1 PCS
0631 024 600	24.0 mm	600.0 mm	550.0 mm	1 PCS
0631 026 400	26.0 mm	400.0 mm	350.0 mm	1 PCS
0631 026 600	26.0 mm	600.0 mm	550.0 mm	1 PCS
0631 028 400	28.0 mm	400.0 mm	350.0 mm	1 PCS
0631 028 600	28.0 mm	600.0 mm	550.0 mm	1 PCS
0631 030 400	30.0 mm	400.0 mm	350.0 mm	1 PCS
0631 030 600	30.0 mm	600.0 mm	550.0 mm	1 PCS
0631 032 400	32.0 mm	400.0 mm	350.0 mm	1 PCS
0631 032 600	32.0 mm	600.0 mm	550.0 mm	1 PCS

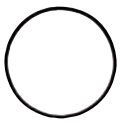
Formwork and installation drill bit, round shaft, right-hand cutting

Product description:
Long drill bit in HSS quality



Field of Application:
Formwork, planks, floorboards, beams, gypsum and light building boards, sheet metal, non-ferrous profiles

Advice:
HSS quality, therefore also suitable as façade and hollow section twist drill for metal, profiled sheeting etc.



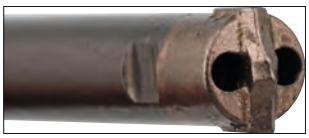
Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0631 80 400	8.0 mm	400.0 mm	350.0 mm	1 PCS
0631 80 600	8.0 mm	600.0 mm	550.0 mm	1 PCS
0631 100 400	10.0 mm	400.0 mm	350.0 mm	1 PCS
0631 100 600	10.0 mm	600.0 mm	550.0 mm	1 PCS
0631 120 400	12.0 mm	400.0 mm	350.0 mm	1 PCS
0631 120 600	12.0 mm	600.0 mm	550.0 mm	1 PCS

Art. No.	Diameter	Length	Working length	Packaging unit (VPE)
0631 140 400	14.0 mm	400.0 mm	350.0 mm	1 PCS
0631 140 600	14.0 mm	600.0 mm	550.0 mm	1 PCS
0631 160 400	16.0 mm	400.0 mm	350.0 mm	1 PCS
0631 160 600	16.0 mm	600.0 mm	550.0 mm	1 PCS
0631 180 400	18.0 mm	400.0 mm	350.0 mm	1 PCS
0631 180 600	18.0 mm	600.0 mm	550.0 mm	1 PCS
0631 200 400	20.0 mm	400.0 mm	350.0 mm	1 PCS
0631 200 600	20.0 mm	600.0 mm	550.0 mm	1 PCS

RECA vacuum drill SDSplus

Product description:
+ Extraction drill for drilling and cleaning in one step: dust is sucked up immediately as it occurs in the drill hole
+ Easy to use and secure anchor installation: removes almost all the dust – subsequent drill hole cleaning no longer needed
+ Cost-effective solution for the end user: saves time with drill hole cleaning and/or cleaning the surroundings
+ Same robustness and comparable power to a standard drill
+ Can be used universally and flexibly with SDSplus or SDSmax hammers and commercially available construction vacuums





Advantages:
- Ideal for use with chemical anchors (included in the general construction permit!)

Application area:
+ The RECA vacuum drill combines two steps in one: it drills and sucks the drilling dust at the same time, immediately as it occurs at the drill head.
+ 98% less dust than with conventional drilling
+ Simple, quick and reliable
+ Fast drilling progress thanks to extra-large head and through the drill cuttings dissipated inside
+ The fresh air supply cools the drilling head and thus extends its service life
+ The vacuum drill leaves no dust residue when drilling into a freshly-plastered surface
+ Can be used with all hammer drills and commercially available M class construction dust extractors with volume flow >40 l/sec and vacuum >230 mbar

Field of Application:
Dust types that are reliably vacuumed by the RECA vacuum drill:
+ A-dust: part of the dust that can be breathed in and is so fine that it can progress to the smallest branches of the lungs
+ E-dust: solid part of all the small parts available in the breathing zone, which can be breathed in through the mouth and nose
+ T-dust: environmental dust (e.g. ozone)
+ Quartz dust: dusts that contain crystalline silicon oxide, also embed themselves in the lungs

Tool holding device: Suitable for SDS-plus

Art. No.	Diameter	Length	Usable length	Packaging unit (VPE)
0649 608 320	8 mm	270 mm	150 mm	1 PCS
0649 610 320	10 mm	270 mm	150 mm	1 PCS
0649 612 320	12 mm	320 mm	200 mm	1 PCS

Art. No.	Diameter	Length	Usable length	Packaging unit (VPE)
0649 614 370	14 mm	370 mm	250 mm	1 PCS
0649 616 370	16 mm	370 mm	250 mm	1 PCS
0649 618 370	18 mm	370 mm	250 mm	1 PCS
0649 620 370	20 mm	370 mm	250 mm	1 PCS
0649 624 370	24 mm	370 mm	250 mm	1 PCS

RECA vacuum drill SDSmax





Product description:
+ Extraction drill for drilling and cleaning in one step: dust is sucked up immediately as it occurs in the drill hole
+ Easy to use and secure anchor installation: removes almost all the dust – subsequent drill hole cleaning no longer needed
+ Cost-effective solution for the end user: saves time with drill hole cleaning and/or cleaning the surroundings
+ Same robustness and comparable power to a standard drill
+ Can be used universally and flexibly with SDSplus or SDSmax hammers and commercially available construction vacuums

Advantages:
- Ideal for use with chemical anchors (included in the general construction permit!)

Application area:
+ The RECA vacuum drill combines two steps in one: it drills and sucks the drilling dust at the same time, immediately as it occurs at the drill head.
+ 98% less dust than with conventional drilling
+ Simple, quick and reliable
+ Fast drilling progress thanks to extra-large head and through the drill cuttings dissipated inside
+ The fresh air supply cools the drilling head and thus extends its service life
+ The vacuum drill leaves no dust residue when drilling into a freshly-plastered surface
+ Can be used with all hammer drills and commercially available M class construction dust extractors with volume flow >40 l/sec and vacuum >230 mbar

Field of Application:
Dust types that are reliably vacuumed by the RECA vacuum drill:
+ A-dust: part of the dust that can be breathed in and is so fine that it can progress to the smallest branches of the lungs
+ E-dust: solid part of all the small parts available in the breathing zone, which can be breathed in through the mouth and nose
+ T-dust: environmental dust (e.g. ozone)
+ Quartz dust: dusts that contain crystalline silicon oxide, also embed themselves in the lungs

Tool holding device: Suitable for SDS-max
Length: 600 mm
Usable length: 400 mm

Art. No.	Diameter	Packaging unit (VPE)
0649 664 600	14 mm	1 PCS
0649 666 600	16 mm	1 PCS
0649 668 600	18 mm	1 PCS
0649 670 600	20 mm	1 PCS

Art. No.	Diameter	Packaging unit (VPE)
0649 672 600	22 mm	1 PCS
0649 674 600	24 mm	1 PCS
0649 675 600	25 mm	1 PCS
0649 678 600	28 mm	1 PCS
0649 680 600	30 mm	1 PCS
0649 682 600	32 mm	1 PCS
0649 685 600	35 mm	1 PCS

RECA ultra point chisel SDS-plus

Optimised chisel for maximum cutting performance and service life.

Advantages:
- Inductive hardening affords the RECA ultra chisel - recognisable by the green ultra colour tape - maximum hardness at the tip. This enhances the service life over a standard chisel by 30%.
- The aggressive tip angle affords the point chisel ultra cutting performance.
- The two snap teeth optimise the snap effect. Cutting performance is increased by 15%.
- Ultra comfort with 3-cutter geometry that prevents seizing in hard surfaces.



Field of Application:
Concrete, sand-lime brick, masonry

Advice:
Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 250.0 mm



Art. No.	Packaging unit (VPE)
0638 325 0	1 PCS

RECA ultra flat chisel SDS-plus

Optimised chisel for maximum cutting performance and service life.

Advantages:
- Inductive hardening affords the RECA ultra chisel - recognisable by the green ultra colour tape - maximum hardness at the tip. This enhances the service life over a standard chisel by 30%.
- The aggressive tip angle affords the point chisel ultra cutting performance.
- The two snap teeth optimise the snap effect. Cutting performance is increased by 15%.
- Ultra comfort with 3-cutter geometry that prevents seizing in hard surfaces.



Field of Application:
Concrete, sand-lime brick, masonry

Advice:
Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 250.0 mm
Width: 20.0 mm



Art. No.	Packaging unit (VPE)
0638 320 250	1 PCS

RECA ultra tile chisel SDS-plus

Optimised chisel for maximum cutting performance and service life.

Advantages:
- A true tile specialist, the tool can be used to remove large tile sections easily and reliably with its 3-cutter geometry and offset shape



Advice:
Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 250.0 mm
Width: 40.0 mm



Art. No.	Packaging unit (VPE)
0638 340 250	1 PCS



RECA point chisel SDS-plus

Classic with familiar RECA quality.

Field of Application:
Concrete, sand-lime brick, masonry

Length: 250.0 mm







Art. No.	Packaging unit (VPE)
0638 100 251	5 PCS

RECA flat chisel SDS-plus

Classic with familiar RECA quality.

Field of Application:
Concrete, sand-lime brick, masonry

Length: 250.0 mm
Width: 20.0 mm







Art. No.	Packaging unit (VPE)
0638 120 251	5 PCS

RECA spade chisel SDS-plus

Classic with familiar RECA quality.

Field of Application:
Concrete, sand-lime brick, masonry

Length: 250.0 mm
Width: 40.0 mm





Art. No.	Packaging unit (VPE)
0638 140 250	1 PCS

RECA hollow gouging chisel SDS-plus

Classic with familiar RECA quality.

Field of Application:
Concrete, sand-lime brick, masonry

Length: 250.0 mm
Width: 22.0 mm





Art. No.	Packaging unit (VPE)
0638 122 250	1 PCS

RECA chisel set, 3-part SDS-plus

Classic with familiar RECA quality.

Field of Application:
Concrete, sand-lime brick, masonry

Composition of set: Point chisel (250), flat chisel (20x250), spade chisel (40x250)





Art. No.	Packaging unit (VPE)
0638 100 03	1 PCS

RECA ultra point chisel SDS-max

Optimised chisel for maximum cutting performance and service life.

Advantages:

- The aggressive tip angle
  affords the point chisel ultra cutting performance.
- The Powersafe profile
  ensures a higher impact frequency and thus boosted cutting performance by 15%.
- Ultra comfort
  with 3-cutter geometry that prevents jamming in hard subsurfaces.



Advice:

Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 400.0 mm



Art. No.	Packaging unit (VPE)
0638 740 0	1 PCS

RECA ultra flat chisel SDS-max

Optimised chisel for maximum cutting performance and service life.



Advantages:

- The aggressive tip angle
  affords the point chisel ultra cutting performance.
- The Powersafe profile
  ensures a higher impact frequency and thus boosted cutting performance by 15%.
- Ultra comfort
  with 3-cutter geometry that prevents jamming in hard subsurfaces.

Advice:

Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 400.0 mm
Width: 25.0 mm



Art. No.	Packaging unit (VPE)
0638 725 400	1 PCS

RECA ultra point chisel EVO-S SDS-max

EVOLUTION self-sharpening. The optimised chisel for maximum cutting performance, service life and comfort.

Product description:
The RECA EVO-S self-sharpening chisels are characterised by the innovative design of their tips. This guarantees an extremely high removal rate and permanent self-sharpening, which prevents time-consuming reworking. In the case of flat and spade chisels, the chisel works evenly towards the back and does not strip.

Advice:
Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 400.0 mm





Art. No.	Packaging unit (VPE)
0638 794 00	1 PCS

RECA ultra flat chisel EVO-S SDS-max

EVOLUTION self-sharpening. The optimised chisel for maximum cutting performance, service life and comfort.

Product description:
The RECA EVO-S self-sharpening chisels are characterised by the innovative design of their tips. This guarantees an extremely high removal rate and permanent self-sharpening, which prevents time-consuming reworking. In the case of flat and spade chisels, the chisel works evenly towards the back and does not strip.



Advice:
Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.



Length: 400 mm
Width: 25 mm



Art. No.	Packaging unit (VPE)
0638 794 25	1 PCS

RECA ultra spade chisel EVO-S SDS-max

EVOLUTION self-sharpening. The optimised chisel for maximum cutting performance, service life and comfort.

Product description:
The RECA EVO-S self-sharpening chisels are characterised by the innovative design of their tips. This guarantees an extremely high removal rate and permanent self-sharpening, which prevents time-consuming reworking. In the case of flat and spade chisels, the chisel works evenly towards the back and does not strip.



Advice:
Additional benefits: Packaging ensures the tool is delivered safely and allows it to be stored conveniently.

Length: 350.0 mm
Width: 50.0 mm



Art. No.	Packaging unit (VPE)
0638 750 350	1 PCS

RECA point chisel SDS-max

Classic with familiar RECA quality.





Art. No.	Length	Packaging unit (VPE)
0638 500 401	400.0 mm	5 PCS
0638 560 0	600.0 mm	1 PCS

RECA flat chisel SDS-max

Classic with familiar RECA quality.

Width: 25.0 mm





Art. No.	Length	Packaging unit (VPE)
0638 525 401	400.0 mm	5 PCS
0638 525 600	600.0 mm	1 PCS

RECA spade chisel SDS-max

Classic with familiar RECA quality.





Art. No.	Length	Width	Packaging unit (VPE)
0638 580 300	300.0 mm	80.0 mm	1 PCS
0638 515 350	350.0 mm	115.0 mm	1 PCS
0638 550 400	400.0 mm	50.0 mm	1 PCS

RECA hollow gouging chisel SDS-max

Classic with familiar RECA quality.

Length: 300.0 mm
Width: 26.0 mm





Art. No.	Packaging unit (VPE)
0638 526 300	1 PCS

RECA channel chisel SDS-max

Classic with familiar RECA quality.

Length: 300.0 mm
Width: 32.0 mm





Art. No.	Packaging unit (VPE)
0638 532 300	1 PCS

RECA chisel set SDS-max

Classic with familiar RECA quality.







Art. No.	Composition of set	Packaging unit (VPE)
0638 500 06	2x point chisel (400), 2x flat chisel (25x400), spade chisel (50x400), spade chisel (80x300)	1 PCS
0638 500 04	Point chisel (400), flat chisel (25x400), spade chisel (50x400), spade chisel (80x300)	1 PCS

EVO twist drill, DIN 338 HSS

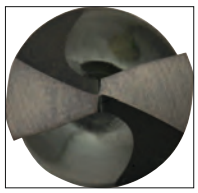
Product description:
EVO twist HSS drill with TRICON shaft, type N, right-hand cutting, DIN 338, HSS, ground, TiAlN head coating

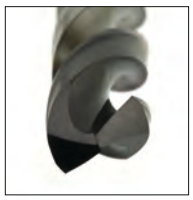


Advantages:

- 118° EVO blade with cross-ground section

Drilling with pin-point accuracy - no centre punch; dimensional accuracy - precise drill holes; low feed and cutting forces - energy-saving operation





- Blue ring - for steel

Simple material assignment - no confusion; suitable for machine taps and countersinks

- TiAlN head coating

Maximum service life - no built-up edges, greater surface hardness, improved thermal stability, dry machining possible; „NUR" coating on the area subjected to the greatest load - greater flexibility and more cost-effective



- TRICON shaft, positive-fit transmission of forces

No movement in the drill chuck - optimal power transfer/no groove formation; no excessively deep clamping in the drill chuck - optimal elasticity; low energy expenditure when opening and closing the drill chuck - protects the drill chuck

Application area:
Precision drill for drilling steel up to 1000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0623 000 020	2.0	49	24	10 PCS
0623 000 025	2.5	57	30	10 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0623 000 030	3.0	61	33	10 PCS
0623 000 032	3.2	65	36	10 PCS
0623 000 033	3.3	65	36	10 PCS
0623 000 035	3.5	70	39	10 PCS
0623 000 040	4.0	75	43	10 PCS
0623 000 042	4.2	75	43	5 PCS
0623 000 045	4.5	80	47	5 PCS
0623 000 050	5.0	86	52	5 PCS
0623 000 052	5.2	86	52	5 PCS
0623 000 055	5.5	93	57	5 PCS
0623 000 060	6.0	93	57	5 PCS
0623 000 065	6.5	101	63	5 PCS
0623 000 068	6.8	109	69	5 PCS
0623 000 070	7.0	109	69	5 PCS
0623 000 075	7.5	109	69	5 PCS
0623 000 080	8.0	117	75	1 PCS
0623 000 085	8.5	117	75	1 PCS
0623 000 090	9.0	125	81	1 PCS
0623 000 095	9.5	125	81	1 PCS
0623 000 100	10.0	133	87	1 PCS
0623 000 102	10.2	133	87	1 PCS
0623 000 105	10.5	133	87	1 PCS
0623 000 110	11.0	142	94	1 PCS
0623 000 115	11.5	142	94	1 PCS
0623 000 120	12.0	151	101	1 PCS
0623 000 125	12.5	151	101	1 PCS
0623 000 130	13.0	151	101	1 PCS

EVO twist drill, DIN 338 HSS, cassettes

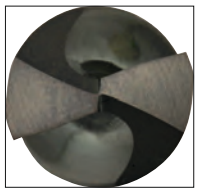
Product description:
Shock and break-proof twist drill cassette produced from ABS plastic

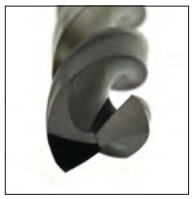
Advantages:
No bursting open on dropping
No clattering of tools
No rusting
No deformation
No jamming of drills
No sharp edges

Application area:
Precision drill for drilling steel up to 1000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.



Ascending: 0.5 mm







Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0623 004 910	1.0–10 mm; 1.0–5.0, 2 pieces each; 5.5–10.0, 1 piece each	28	1 PCS
0623 004 913	1.0–13 mm; 1.0–5.0, 2 pieces each; 5.5–13.0, 1 piece each	34	1 PCS

EVO twist drill, super box

Product description:
The box for the workshop. The RECA Superbox makes it easy to keep things organised. The days of cluttered drill drawers are a thing of the past.
Practical partitioning with 55 EVO drill bits:
3 drills each 1.0; 1.5; 2.0; 2.5: 3.0; 3.3; 3.5; 4.0
2 drills each 4.2; 4.5; 5.0; 5.5; 6.0; 6.5; 6.8; 7.0; 7.5; 8.0
1 drill each 8.5; 9.0; 9.5; 10.0; 10.2; 10.5; 11.0; 11.5; 12.0; 12.5; 13.0
Tip: Always use the spiral-fluted part of the drill for measuring. Never use the shaft as this may not be true to size and may deform after the drill is used.



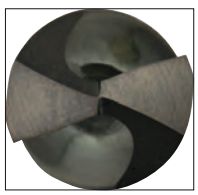
Advantages:

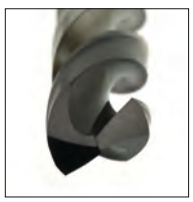
- 118° EVO blade with cross-ground section

Drilling with pin-point accuracy - no centre punch; dimensional accuracy - precise drill holes; low feed and cutting forces - energy-saving operation

- Blue ring - for steel

Simple material assignment - no confusion; suitable for machine taps and countersinks





- TiAlN head coating

Maximum service life - no built-up edges, greater surface hardness, improved thermal stability, dry machining possible; „NUR" coating on the area subjected to the greatest load - greater flexibility and more cost-effective

- TRICON shaft, positive-fit transmission of forces

No movement in the drill chuck - optimal power transfer/no groove formation; no excessively deep clamping in the drill chuck - optimal elasticity; low energy expenditure when opening and closing the drill chuck - protects the drill chuck



Application area:
Precision drill for drilling steel up to 1000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.

Art. No.	Packaging unit (VPE)
0623 008 055	1 PCS





ultra INOX twist drill, DIN 338 HSS-Co

Product description:
Twist drill with TRICON shaft, short, type W, right-hand cutting, cross grinding, DIN 338, HSS-Co 5%



Advantages:

- 135° turbo cutter with cross grinding

No centre punch required
Fastest drilling progress
Drilling on curved surfaces — excellent drilling properties
Reduction of contact pressure




- 40° twist angle

Particularly suitable for battery powered and hand-held drills
Dimensional accuracy: perfectly round holes right to the end

- Green ring for stainless steel

Simple material assignment — no confusion; suitable for machine taps and countersinks



- Black and gold heat treatment

Reduced thermal load on drill

- TRICON shaft

Prevents movement in the drill chuck — therefore no damage to drill
Positive locking in drill chuck
Securely and firmly clamped, particularly in the quick-action drill chuck
Optimal power transfer to the tip where the power is needed

Field of Application:
Especially suitable for hard materials such as rust, acid and heat-resistant austenitic steels (A2 + A4), titanium and aluminium alloys with a strength of up to 850 N/mm^2. Optimal performance with a material thickness of up to 5 mm.

Advice:
From 3.0 mm with black/gold surface finish. From 4.0 mm with TRICON shaft

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0627 000 010	1.0 mm	34.0 mm	12.0 mm	10 PCS
0627 000 015	1.5 mm	40.0 mm	18.0 mm	10 PCS
0627 000 020	2.0 mm	49.0 mm	24.0 mm	10 PCS
0627 000 025	2.5 mm	57.0 mm	30.0 mm	10 PCS
0627 000 030	3.0 mm	61.0 mm	33.0 mm	10 PCS
0627 000 032	3.2 mm	65.0 mm	36.0 mm	10 PCS
0627 000 033	3.3 mm	65.0 mm	36.0 mm	10 PCS
0627 000 035	3.5 mm	70.0 mm	39.0 mm	10 PCS
0627 000 040	4.0 mm	75.0 mm	43.0 mm	10 PCS
0627 000 042	4.2 mm	75.0 mm	43.0 mm	5 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0627 000 045	4.5 mm	80.0 mm	47.0 mm	5 PCS
0627 000 050	5.0 mm	86.0 mm	52.0 mm	5 PCS
0627 000 052	5.2 mm	86.0 mm	52.0 mm	5 PCS
0627 000 055	5.5 mm	93.0 mm	57.0 mm	5 PCS
0627 000 060	6.0 mm	93.0 mm	57.0 mm	5 PCS
0627 000 065	6.5 mm	101.0 mm	63.0 mm	5 PCS
0627 000 068	6.8 mm	109.0 mm	69.0 mm	5 PCS
0627 000 070	7.0 mm	109.0 mm	69.0 mm	5 PCS
0627 000 075	7.5 mm	109.0 mm	69.0 mm	5 PCS
0627 000 080	8.0 mm	117.0 mm	75.0 mm	1 PCS
0627 000 085	8.5 mm	117.0 mm	75.0 mm	1 PCS
0627 000 090	9.0 mm	125.0 mm	81.0 mm	1 PCS
0627 000 095	9.5 mm	125.0 mm	81.0 mm	1 PCS
0627 000 100	10.0 mm	133.0 mm	87.0 mm	1 PCS
0627 000 102	10.2 mm	133.0 mm	87.0 mm	1 PCS
0627 000 105	10.5 mm	133.0 mm	87.0 mm	1 PCS
0627 000 110	11.0 mm	142.0 mm	94.0 mm	1 PCS
0627 000 115	11.5 mm	142.0 mm	94.0 mm	1 PCS
0627 000 120	12.0 mm	151.0 mm	101.0 mm	1 PCS
0627 000 125	12.5 mm	151.0 mm	101.0 mm	1 PCS
0627 000 130	13.0 mm	151.0 mm	101.0 mm	1 PCS

ultra INOX twist drill, DIN 338 HSS-Co

Cassettes

Product description:
Twist drill with TRICON shaft, short, type W, right-hand cutting, cross grinding, DIN 338, HSS-Co 5%



Advantages:

- 135° turbo cutter with cross grinding

No centre punch required
Fastest drilling progress
Drilling on curved surfaces — excellent drilling properties
Reduction of contact pressure

- 40° twist angle

Particularly suitable for battery powered and hand-held drills
Dimensional accuracy: perfectly round holes right to the end

- Green ring for stainless steel

Simple material assignment — no confusion; suitable for machine taps and countersinks





- Black and gold heat treatment

Reduced thermal load on drill

- TRICON shaft

Prevents movement in the drill chuck — therefore no damage to drill
Positive locking in drill chuck
Securely and firmly clamped, particularly in the quick-action drill chuck
Optimal power transfer to the tip where the power is needed



Field of Application:
Especially suitable for hard materials such as rust, acid and heat-resistant austenitic steels (A2 + A4), titanium and aluminium alloys with a strength of up to 850 N/mm^2. Optimal performance with a material thickness of up to 5 mm.

Advice:
From 3.0 mm with black/gold surface finish. From 4.0 mm with TRICON shaft

Ascending: 0.5 mm

Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0627 004 910	1.0–10 mm 1.0– 5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0627 004 913	1.0–13 mm 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

ultra INOX twist drill, DIN 338 HSS-Co

Refill kit

Product description:
Twist drill with TRICON shaft, short, type W, right-hand cutting, cross grinding, DIN 338, HSS-Co 5%



Advantages:

- 135° turbo cutter with cross grinding

No centre punch required
Fastest drilling progress
Drilling on curved surfaces — excellent drilling properties
Reduction of contact pressure





- 40° twist angle

Particularly suitable for battery powered and hand-held drills
Dimensional accuracy: perfectly round holes right to the end

- Green ring for stainless steel

Simple material assignment — no confusion; suitable for machine taps and countersinks



- Black and gold heat treatment

Reduced thermal load on drill

- TRICON shaft

Prevents movement in the drill chuck — therefore no damage to drill
Positive locking in drill chuck
Securely and firmly clamped, particularly in the quick-action drill chuck
Optimal power transfer to the tip where the power is needed

Field of Application:
Especially suitable for hard materials such as rust, acid and heat-resistant austenitic steels (A2 + A4), titanium and aluminium alloys with a strength of up to 850 N/mm^2. Optimal performance with a material thickness of up to 5 mm.

Advice:
From 3.0 mm with black/gold surface finish. From 4.0 mm with TRICON shaft

Composition of set: 1.0–7.5 mm
1.0–5.0, 2 pieces each
5.5–7.5, 1 piece each
Number of pieces: 23 PCS

Art. No.	Packaging unit (VPE)
0627 004 001	1 PCS

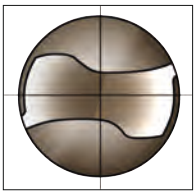
ultra plus twist drill

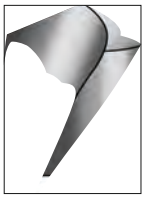
DIN 338, type TS (deep hole spiral), right-hand cutting. HSS-Co 5%, ground, TiAlN coating

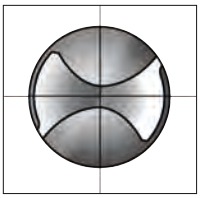
Product description:
The precision-ground twist drill with deep hole profile is titanium-aluminium-nitride coated. The drill can be inserted into a wide range of materials up to 1300 N/mm² owing to its coating. The drill has a deep hole profile. This facilitates the drilling of material thicknesses up to 10 x Ø. The RECA ultra plus twist drill is ideal for use in CNC machines and box column drills.











Advantages:
135° cutter in „U" ground section
- Optimal chip breakage
- Fast chip transfer
- Reduction of chipping forces
- Tool protection
- Optimal centring properties
- No drifting of tool
- No differences in cutting height
- Maximum hole quality and accuracy (tolerance H8)

40° angle of twist
- Outstanding chip transfer properties
- Optimal drilling progress

TiAlN coating
- Suitable for universal use
- Suitable for materials up to 1300 N/mm²
- Suitable for all easily machinable materials
- Longer service life and a higher cutting speed
- Maximum productivity

Deep hole profile with reinforced core
- Maximum chipping volume
- Maximum drill depth up to 10 x Ø
- Outstanding tool rigidity
- Low risk of breakage
- High-precision holes, including with large drill depths
- Ideal for core hole drilling

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0622 000 020	2.0 mm	49.0 mm	24.0 mm	5 PCS
0622 000 025	2.5 mm	57.0 mm	24.0 mm	5 PCS
0622 000 027	2.7 mm	61.0 mm	30.0 mm	5 PCS
0622 000 030	3.0 mm	61.0 mm	33.0 mm	5 PCS
0622 000 031	3.1 mm	65.0 mm	33.0 mm	5 PCS
0622 000 032	3.2 mm	65.0 mm	36.0 mm	5 PCS
0622 000 033	3.3 mm	65.0 mm	36.0 mm	5 PCS
0622 000 035	3.5 mm	70.0 mm	36.0 mm	5 PCS
0622 000 036	3.6 mm	70.0 mm	39.0 mm	5 PCS
0622 000 037	3.7 mm	70.0 mm	39.0 mm	5 PCS
0622 000 038	3.8 mm	70.0 mm	39.0 mm	5 PCS
0622 000 040	4.0 mm	75.0 mm	43.0 mm	5 PCS
0622 000 041	4.1 mm	75.0 mm	43.0 mm	5 PCS
0622 000 042	4.2 mm	75.0 mm	43.0 mm	5 PCS
0622 000 043	4.3 mm	80.0 mm	47.0 mm	5 PCS
0622 000 045	4.5 mm	80.0 mm	47.0 mm	5 PCS
0622 000 047	4.7 mm	80.0 mm	47.0 mm	5 PCS
0622 000 048	4.8 mm	86.0 mm	52.0 mm	5 PCS
0622 000 049	4.9 mm	86.0 mm	52.0 mm	5 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0622 000 050	5.0 mm	86.0 mm	52.0 mm	5 PCS
0622 000 051	5.1 mm	86.0 mm	52.0 mm	5 PCS
0622 000 052	5.2 mm	86.0 mm	52.0 mm	5 PCS
0622 000 053	5.3 mm	86.0 mm	52.0 mm	5 PCS
0622 000 055	5.5 mm	93.0 mm	57.0 mm	5 PCS
0622 000 057	5.7 mm	93.0 mm	57.0 mm	5 PCS
0622 000 058	5.8 mm	93.0 mm	57.0 mm	5 PCS
0622 000 060	6.0 mm	93.0 mm	57.0 mm	5 PCS
0622 000 062	6.2 mm	101.0 mm	63.0 mm	1 PCS
0622 000 065	6.5 mm	101.0 mm	63.0 mm	1 PCS
0622 000 068	6.8 mm	109.0 mm	69.0 mm	1 PCS
0622 000 070	7.0 mm	109.0 mm	69.0 mm	1 PCS
0622 000 075	7.5 mm	109.0 mm	69.0 mm	1 PCS
0622 000 080	8.0 mm	117.0 mm	75.0 mm	1 PCS
0622 000 082	8.2 mm	117.0 mm	75.0 mm	1 PCS
0622 000 085	8.5 mm	117.0 mm	75.0 mm	1 PCS
0622 000 090	9.0 mm	125.0 mm	81.0 mm	1 PCS
0622 000 095	9.5 mm	125.0 mm	81.0 mm	1 PCS
0622 000 100	10.0 mm	125.0 mm	87.0 mm	1 PCS
0622 000 102	10.2 mm	133.0 mm	87.0 mm	1 PCS
0622 000 105	10.5 mm	133.0 mm	87.0 mm	1 PCS
0622 000 110	11.0 mm	142.0 mm	94.0 mm	1 PCS
0622 000 115	11.5 mm	142.0 mm	94.0 mm	1 PCS
0622 000 120	12.0 mm	151.0 mm	101.0 mm	1 PCS
0622 000 125	12.5 mm	151.0 mm	101.0 mm	1 PCS
0622 000 130	13.0 mm	151.0 mm	101.0 mm	1 PCS

ultra plus twist drill - cassettes

DIN 338, type TS (deep hole spiral), right-hand cutting. HSS-Co 5%, ground, TiAlN coating

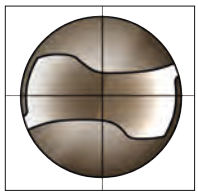
Product description:
The precision-ground twist drill with deep hole profile is titanium-aluminium-nitride coated. The drill can be inserted into a wide range of materials up to 1300 N/mm² owing to its coating. The drill has a deep hole profile. This facilitates the drilling of material thicknesses up to 10 x Ø. The RECA ultra plus twist drill is ideal for use in CNC machines and box column drills.



Advantages:
135° cutter in „U" ground section
- Optimal chip breakage
- Fast chip transfer
- Reduction of chipping forces
- Tool protection
- Optimal centring properties
- No drifting of tool
- No differences in cutting height
- Maximum hole quality and accuracy (tolerance H8)

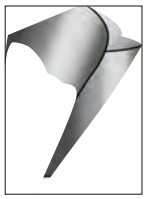
40° angle of twist
- Outstanding chip transfer properties
- Optimal drilling progress

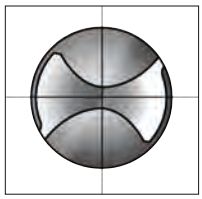




TiAlN coating
- Suitable for universal use
- Suitable for materials up to 1300 N/mm²
- Suitable for all easily machinable materials
- Longer service life and a higher cutting speed
- Maximum productivity

Deep hole profile with reinforced core
- Maximum chipping volume
- Maximum drill depth up to 10 x Ø
- Outstanding tool rigidity
- Low risk of breakage
- High-precision holes, including with large drill depths
- Ideal for core hole drilling





Ascending: 0.5 mm

Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0622 004 910	1.0–10 mm 1.0– 5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0622 004 913	1.0–13 mm 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

Twist drill, DIN 338 HSS

Ground precision drill with point thinning for drilling steel

Product description:
Precision twist drill HSS with straight shank, type N, right-hand cutting, DIN 338, HSS, ground



Application area:
Precision drill for drilling steel up to 1,000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.



Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0624 025	0.25 mm	19.0 mm	3.0 mm	10 PCS
0624 03	0.3 mm	19.0 mm	3.0 mm	10 PCS
0624 04	0.4 mm	20.0 mm	5.0 mm	10 PCS
0624 05	0.5 mm	22.0 mm	6.0 mm	10 PCS
0624 06	0.6 mm	24.0 mm	7.0 mm	10 PCS
0624 07	0.7 mm	28.0 mm	9.0 mm	10 PCS
0624 08	0.8 mm	30.0 mm	10.0 mm	10 PCS
0624 09	0.9 mm	32.0 mm	11.0 mm	10 PCS
0624 10	1.0 mm	34.0 mm	12.0 mm	10 PCS
0624 11	1.1 mm	36.0 mm	14.0 mm	10 PCS
0624 12	1.2 mm	38.0 mm	16.0 mm	10 PCS
0624 13	1.3 mm	38.0 mm	16.0 mm	10 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0624 14	1.4 mm	40.0 mm	18.0 mm	10 PCS
0624 15	1.5 mm	40.0 mm	18.0 mm	10 PCS
0624 16	1.6 mm	43.0 mm	20.0 mm	10 PCS
0624 17	1.7 mm	43.0 mm	20.0 mm	10 PCS
0624 18	1.8 mm	46.0 mm	22.0 mm	10 PCS
0624 19	1.9 mm	46.0 mm	22.0 mm	10 PCS
0624 20	2.0 mm	49.0 mm	24.0 mm	10 PCS
0624 21	2.1 mm	49.0 mm	24.0 mm	10 PCS
0624 22	2.2 mm	53.0 mm	27.0 mm	10 PCS
0624 23	2.3 mm	53.0 mm	27.0 mm	10 PCS
0624 24	2.4 mm	57.0 mm	30.0 mm	10 PCS
0624 25	2.5 mm	57.0 mm	30.0 mm	10 PCS
0624 26	2.6 mm	57.0 mm	30.0 mm	10 PCS
0624 27	2.7 mm	61.0 mm	33.0 mm	10 PCS
0624 28	2.8 mm	61.0 mm	33.0 mm	10 PCS
0624 29	2.9 mm	61.0 mm	33.0 mm	10 PCS
0624 30	3.0 mm	61.0 mm	33.0 mm	10 PCS
0624 31	3.1 mm	65.0 mm	36.0 mm	10 PCS
0624 32	3.2 mm	65.0 mm	36.0 mm	10 PCS
0624 33	3.3 mm	65.0 mm	36.0 mm	10 PCS
0624 34	3.4 mm	70.0 mm	39.0 mm	10 PCS
0624 35	3.5 mm	70.0 mm	39.0 mm	10 PCS
0624 36	3.6 mm	70.0 mm	39.0 mm	10 PCS
0624 37	3.7 mm	70.0 mm	39.0 mm	10 PCS
0624 38	3.8 mm	75.0 mm	43.0 mm	10 PCS
0624 39	3.9 mm	75.0 mm	43.0 mm	10 PCS
0624 40	4.0 mm	75.0 mm	43.0 mm	10 PCS
0624 41	4.1 mm	75.0 mm	43.0 mm	10 PCS
0624 42	4.2 mm	75.0 mm	43.0 mm	10 PCS
0624 43	4.3 mm	80.0 mm	47.0 mm	10 PCS
0624 44	4.4 mm	80.0 mm	47.0 mm	10 PCS
0624 45	4.5 mm	80.0 mm	47.0 mm	10 PCS
0624 46	4.6 mm	80.0 mm	47.0 mm	10 PCS
0624 47	4.7 mm	80.0 mm	47.0 mm	10 PCS
0624 48	4.8 mm	86.0 mm	52.0 mm	10 PCS
0624 49	4.9 mm	86.0 mm	52.0 mm	10 PCS
0624 50	5.0 mm	86.0 mm	52.0 mm	10 PCS
0624 51	5.1 mm	86.0 mm	52.0 mm	10 PCS
0624 52	5.2 mm	86.0 mm	52.0 mm	10 PCS
0624 53	5.3 mm	86.0 mm	52.0 mm	10 PCS
0624 54	5.4 mm	93.0 mm	57.0 mm	10 PCS
0624 55	5.5 mm	93.0 mm	57.0 mm	10 PCS
0624 56	5.6 mm	93.0 mm	57.0 mm	10 PCS
0624 57	5.7 mm	93.0 mm	57.0 mm	10 PCS
0624 58	5.8 mm	93.0 mm	57.0 mm	10 PCS
0624 59	5.9 mm	93.0 mm	57.0 mm	10 PCS
0624 60	6.0 mm	93.0 mm	57.0 mm	10 PCS
0624 61	6.1 mm	101.0 mm	63.0 mm	10 PCS
0624 62	6.2 mm	101.0 mm	63.0 mm	10 PCS
0624 63	6.3 mm	101.0 mm	63.0 mm	10 PCS
0624 64	6.4 mm	101.0 mm	63.0 mm	10 PCS
0624 65	6.5 mm	101.0 mm	63.0 mm	10 PCS
0624 66	6.6 mm	101.0 mm	63.0 mm	10 PCS
0624 67	6.7 mm	101.0 mm	63.0 mm	10 PCS
0624 68	6.8 mm	109.0 mm	69.0 mm	10 PCS
0624 69	6.9 mm	109.0 mm	69.0 mm	10 PCS
0624 70	7.0 mm	109.0 mm	69.0 mm	10 PCS
0624 71	7.1 mm	109.0 mm	69.0 mm	10 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0624 72	7.2 mm	109.0 mm	69.0 mm	10 PCS
0624 73	7.3 mm	109.0 mm	69.0 mm	10 PCS
0624 74	7.4 mm	109.0 mm	69.0 mm	10 PCS
0624 75	7.5 mm	109.0 mm	69.0 mm	10 PCS
0624 76	7.6 mm	117.0 mm	75.0 mm	10 PCS
0624 77	7.7 mm	117.0 mm	75.0 mm	10 PCS
0624 78	7.8 mm	117.0 mm	75.0 mm	10 PCS
0624 79	7.9 mm	117.0 mm	75.0 mm	10 PCS
0624 80	8.0 mm	117.0 mm	75.0 mm	1 PCS
0624 81	8.1 mm	117.0 mm	75.0 mm	1 PCS
0624 82	8.2 mm	117.0 mm	75.0 mm	1 PCS
0624 83	8.3 mm	117.0 mm	75.0 mm	1 PCS
0624 84	8.4 mm	117.0 mm	75.0 mm	1 PCS
0624 85	8.5 mm	117.0 mm	75.0 mm	1 PCS
0624 86	8.6 mm	125.0 mm	81.0 mm	1 PCS
0624 87	8.7 mm	125.0 mm	81.0 mm	1 PCS
0624 88	8.8 mm	125.0 mm	81.0 mm	1 PCS
0624 89	8.9 mm	125.0 mm	81.0 mm	1 PCS
0624 90	9.0 mm	125.0 mm	81.0 mm	1 PCS
0624 91	9.1 mm	125.0 mm	81.0 mm	1 PCS
0624 92	9.2 mm	125.0 mm	81.0 mm	1 PCS
0624 93	9.3 mm	125.0 mm	81.0 mm	1 PCS
0624 94	9.4 mm	125.0 mm	81.0 mm	1 PCS
0624 95	9.5 mm	125.0 mm	81.0 mm	1 PCS
0624 96	9.6 mm	133.0 mm	87.0 mm	1 PCS
0624 97	9.7 mm	133.0 mm	87.0 mm	1 PCS
0624 98	9.8 mm	133.0 mm	87.0 mm	1 PCS
0624 99	9.9 mm	133.0 mm	87.0 mm	1 PCS
0624 100	10.0 mm	133.0 mm	87.0 mm	1 PCS
0624 101	10.1 mm	133.0 mm	87.0 mm	1 PCS
0624 102	10.2 mm	133.0 mm	87.0 mm	1 PCS
0624 105	10.5 mm	133.0 mm	87.0 mm	1 PCS
0624 107 5	10.75 mm	142.0 mm	94.0 mm	1 PCS
0624 110	11.0 mm	142.0 mm	94.0 mm	1 PCS
0624 111	11.1 mm	142.0 mm	94.0 mm	1 PCS
0624 112 5	11.25 mm	142.0 mm	94.0 mm	1 PCS
0624 115	11.5 mm	142.0 mm	94.0 mm	1 PCS
0624 117 5	11.75 mm	142.0 mm	94.0 mm	1 PCS
0624 120	12.0 mm	151.0 mm	101.0 mm	1 PCS
0624 122 5	12.25 mm	151.0 mm	101.0 mm	1 PCS
0624 125	12.5 mm	151.0 mm	101.0 mm	1 PCS
0624 127 5	12.75 mm	151.0 mm	101.0 mm	1 PCS
0624 130	13.0 mm	151.0 mm	101.0 mm	1 PCS
0624 131	13.1 mm	151.0 mm	101.0 mm	1 PCS
0624 132 5	13.25 mm	160.0 mm	108.0 mm	1 PCS
0624 135	13.5 mm	160.0 mm	108.0 mm	1 PCS
0624 137 5	13.75 mm	160.0 mm	108.0 mm	1 PCS
0624 140	14.0 mm	160.0 mm	108.0 mm	1 PCS
0624 142 5	14.25 mm	169.0 mm	114.0 mm	1 PCS
0624 145	14.5 mm	169.0 mm	114.0 mm	1 PCS
0624 147 5	14.75 mm	169.0 mm	114.0 mm	1 PCS
0624 150	15.0 mm	169.0 mm	114.0 mm	1 PCS
0624 152 5	15.25 mm	178.0 mm	120.0 mm	1 PCS
0624 155	15.5 mm	178.0 mm	120.0 mm	1 PCS
0624 157 5	15.75 mm	178.0 mm	120.0 mm	1 PCS
0624 160	16.0 mm	178.0 mm	120.0 mm	1 PCS
0624 165	16.5 mm	184.0 mm	125.0 mm	1 PCS
0624 170	17.0 mm	184.0 mm	125.0 mm	1 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0624 175	17.5 mm	191.0 mm	130.0 mm	1 PCS
0624 180	18.0 mm	191.0 mm	130.0 mm	1 PCS
0624 185	18.5 mm	198.0 mm	135.0 mm	1 PCS
0624 190	19.0 mm	198.0 mm	135.0 mm	1 PCS
0624 195	19.5 mm	205.0 mm	140.0 mm	1 PCS
0624 200	20.0 mm	205.0 mm	140.0 mm	1 PCS

Twist drill set DIN 338 HSS

Ground precision drill with point thinning for drilling steel

Product description:
Precision twist drill HSS with straight shank, type N, right-hand cutting, DIN 338, HSS, ground

Application area:
Precision drill for drilling steel up to 1,000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.

Ascending: 0.1 mm





Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0624 004 007	1.0–5.9 mm	50 PCS	1 PCS
0624 004 008	6.0–10.0 mm	41 PCS	1 PCS

Twist drill set „Plus“, DIN 338 HSS

Ground precision drill with point thinning for drilling steel

Product description:
Twist drill sets HSS, DIN 338, ground, type N, right-hand cutting, complete in RECA Plus cassette incl. centre punch

Application area:
Precision drill for drilling steel up to 1,000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.

Ascending: 0.5 mm





Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0624 004 110	1.0–10.0 mm 1.0–5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0624 004 009	1.0–10.5 mm 1.0–5.0, 2 pieces each 5.5–10.5, 1 piece each incl. core drill and centre punch	33 PCS	1 PCS
0624 004 113	1.0–13.0 mm 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

Twist drill set DIN 338 HSS

Ground precision drill with point thinning for drilling steel

Product description:
Shock and break-proof twist drill cassette produced from ABS plastic

Advantages:
No bursting open on dropping
No clattering of tools
No rusting
No deformation
No jamming of drills
No sharp edges

Application area:
Precision drill for drilling steel up to 1,000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.



Ascending: 0.5 mm



Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0624 004 910	1.0–10.0 mm 1.0–5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0624 004 913	1.0–13.0 mm 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

Twist drill DIN 338, refill kit

Ground precision drill with point thinning for drilling steel

Product description:
Precision twist drill HSS with straight shank, type N, right-hand cutting, DIN 338, HSS, ground



Application area:
Precision drill for drilling steel up to 1,000 N/mm² and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.



Composition of set: 1.0–7.5 mm
1.0–5.0, 2 pieces each
5.5–7.5, 1 piece each
Ascending: 0.5 mm
Number of pieces: 23 PCS

Art. No.	Packaging unit (VPE)
0624 001	1 PCS

Twist drill, DIN 338 HSS, roll forged

Assembly drill

Product description:
HSSrs, type N



Application area:
Short construction with straight shank, right-hand cutting, tip angle 118°, for materials of standard machining difficulty. The ideal construction site drill, robust, tough, durable.

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0625 10	1.0 mm	34.0 mm	12.0 mm	10 PCS
0625 15	1.5 mm	40.0 mm	18.0 mm	10 PCS
0625 20	2.0 mm	49.0 mm	24.0 mm	10 PCS
0625 25	2.5 mm	57.0 mm	30.0 mm	10 PCS
0625 30	3.0 mm	61.0 mm	33.0 mm	10 PCS
0625 33	3.3 mm	65.0 mm	36.0 mm	10 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0625 35	3.5 mm	70.0 mm	39.0 mm	10 PCS
0625 40	4.0 mm	75.0 mm	43.0 mm	10 PCS
0625 42	4.2 mm	75.0 mm	43.0 mm	10 PCS
0625 45	4.5 mm	80.0 mm	47.0 mm	10 PCS
0625 50	5.0 mm	86.0 mm	52.0 mm	10 PCS
0625 55	5.5 mm	93.0 mm	57.0 mm	10 PCS
0625 60	6.0 mm	93.0 mm	57.0 mm	10 PCS
0625 65	6.5 mm	101.0 mm	63.0 mm	10 PCS
0625 70	7.0 mm	109.0 mm	69.0 mm	10 PCS
0625 75	7.5 mm	109.0 mm	69.0 mm	10 PCS
0625 80	8.0 mm	117.0 mm	75.0 mm	5 PCS
0625 85	8.5 mm	117.0 mm	75.0 mm	5 PCS
0625 90	9.0 mm	125.0 mm	81.0 mm	5 PCS
0625 95	9.5 mm	125.0 mm	81.0 mm	5 PCS
0625 100	10.0 mm	133.0 mm	87.0 mm	5 PCS
0625 102	10.2 mm	133.0 mm	87.0 mm	5 PCS
0625 105	10.5 mm	133.0 mm	87.0 mm	5 PCS
0625 110	11.0 mm	142.0 mm	94.0 mm	5 PCS
0625 115	11.5 mm	142.0 mm	94.0 mm	5 PCS
0625 120	12.0 mm	151.0 mm	101.0 mm	5 PCS
0625 125	12.5 mm	151.0 mm	101.0 mm	5 PCS
0625 130	13.0 mm	151.0 mm	101.0 mm	5 PCS

Twist drill, DIN 338 HSS, roll forged - cassettes

Assembly drill in plastic cassette

Product description:
HSSrs, type N

Application area:
Short construction with straight shank, right-hand cutting, tip angle 118°, for materials of standard machining difficulty. The ideal construction site drill, robust, tough, durable.

Ascending: 0.5 mm



Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0625 010	1.0–10.0 mm	19 PCS	1 PCS
0625 013	1.0–13.0 mm	24 PCS	1 PCS



Twist drill, DIN 338 HSS-Co

Product description:
Twist drill with straight shank, short, type N, right-hand cutting, DIN 338, HSS-Co 5%



Advantages:
- Designed for stationary drilling machines
- Perfectly suited to machining tough and thick-walled materials

Application area:
High-performance drill with marked thermal hardness resistance. For drilling alloyed and non-alloyed steels and cast materials with strengths in excess of 800 N/mm^2, in particular stainless steels, roller bearing steels, high-alloy steels and heat-treatable steels and case-hardened steels.

Advice:
From Ø 14 mm the shaft is twisted off to 12.7 mm

Art. No.	Diameter (Durchmesser)	Length (Gesamtlänge)	Chip flute length (Spannutlänge)	Packaging unit (VPE)
0626 10	1.0 mm	34.0 mm	12.0 mm	10 PCS
0626 11	1.1 mm	36.0 mm	14.0 mm	10 PCS
0626 12	1.2 mm	38.0 mm	16.0 mm	10 PCS
0626 13	1.3 mm	38.0 mm	16.0 mm	10 PCS
0626 14	1.4 mm	40.0 mm	18.0 mm	10 PCS
0626 15	1.5 mm	40.0 mm	18.0 mm	10 PCS
0626 16	1.6 mm	43.0 mm	20.0 mm	10 PCS
0626 17	1.7 mm	43.0 mm	20.0 mm	10 PCS
0626 18	1.8 mm	46.0 mm	22.0 mm	10 PCS
0626 19	1.9 mm	46.0 mm	22.0 mm	10 PCS
0626 20	2.0 mm	49.0 mm	24.0 mm	10 PCS
0626 21	2.1 mm	49.0 mm	24.0 mm	10 PCS
0626 22	2.2 mm	53.0 mm	27.0 mm	10 PCS
0626 23	2.3 mm	53.0 mm	27.0 mm	10 PCS
0626 24	2.4 mm	57.0 mm	30.0 mm	10 PCS
0626 25	2.5 mm	57.0 mm	30.0 mm	10 PCS
0626 26	2.6 mm	57.0 mm	30.0 mm	10 PCS
0626 27	2.7 mm	61.0 mm	33.0 mm	10 PCS
0626 28	2.8 mm	61.0 mm	33.0 mm	10 PCS
0626 29	2.9 mm	61.0 mm	33.0 mm	10 PCS
0626 30	3.0 mm	61.0 mm	33.0 mm	10 PCS
0626 31	3.1 mm	65.0 mm	36.0 mm	10 PCS
0626 32	3.2 mm	65.0 mm	36.0 mm	10 PCS
0626 33	3.3 mm	65.0 mm	36.0 mm	10 PCS
0626 34	3.4 mm	70.0 mm	39.0 mm	10 PCS
0626 35	3.5 mm	70.0 mm	39.0 mm	10 PCS
0626 36	3.6 mm	70.0 mm	39.0 mm	10 PCS
0626 37	3.7 mm	70.0 mm	39.0 mm	10 PCS
0626 38	3.8 mm	75.0 mm	43.0 mm	10 PCS
0626 39	3.9 mm	75.0 mm	43.0 mm	10 PCS
0626 40	4.0 mm	75.0 mm	43.0 mm	10 PCS
0626 41	4.1 mm	75.0 mm	43.0 mm	5 PCS
0626 42	4.2 mm	75.0 mm	43.0 mm	5 PCS
0626 43	4.3 mm	80.0 mm	47.0 mm	5 PCS
0626 44	4.4 mm	80.0 mm	47.0 mm	5 PCS
0626 45	4.5 mm	80.0 mm	47.0 mm	5 PCS
0626 46	4.6 mm	80.0 mm	47.0 mm	5 PCS
0626 47	4.7 mm	80.0 mm	47.0 mm	5 PCS
0626 48	4.8 mm	86.0 mm	52.0 mm	5 PCS
0626 49	4.9 mm	86.0 mm	52.0 mm	5 PCS

Art. No.	Diameter (Durchmesser)	Length (Gesamtlänge)	Chip flute length (Spannutlänge)	Packaging unit (VPE)
0626 50	5.0 mm	86.0 mm	52.0 mm	5 PCS
0626 51	5.1 mm	86.0 mm	52.0 mm	5 PCS
0626 52	5.2 mm	86.0 mm	52.0 mm	5 PCS
0626 53	5.3 mm	86.0 mm	52.0 mm	5 PCS
0626 54	5.4 mm	93.0 mm	57.0 mm	5 PCS
0626 55	5.5 mm	93.0 mm	57.0 mm	5 PCS
0626 56	5.6 mm	93.0 mm	57.0 mm	5 PCS
0626 57	5.7 mm	93.0 mm	57.0 mm	5 PCS
0626 58	5.8 mm	93.0 mm	57.0 mm	5 PCS
0626 59	5.9 mm	93.0 mm	57.0 mm	5 PCS
0626 60	6.0 mm	93.0 mm	57.0 mm	5 PCS
0626 61	6.1 mm	101.0 mm	63.0 mm	5 PCS
0626 62	6.2 mm	101.0 mm	63.0 mm	5 PCS
0626 63	6.3 mm	101.0 mm	63.0 mm	5 PCS
0626 64	6.4 mm	101.0 mm	63.0 mm	5 PCS
0626 65	6.5 mm	101.0 mm	63.0 mm	5 PCS
0626 66	6.6 mm	101.0 mm	63.0 mm	5 PCS
0626 67	6.7 mm	101.0 mm	63.0 mm	5 PCS
0626 68	6.8 mm	109.0 mm	69.0 mm	5 PCS
0626 69	6.9 mm	109.0 mm	69.0 mm	5 PCS
0626 70	7.0 mm	109.0 mm	69.0 mm	5 PCS
0626 71	7.1 mm	109.0 mm	69.0 mm	5 PCS
0626 72	7.2 mm	109.0 mm	69.0 mm	5 PCS
0626 73	7.3 mm	109.0 mm	69.0 mm	5 PCS
0626 74	7.4 mm	109.0 mm	69.0 mm	5 PCS
0626 75	7.5 mm	109.0 mm	69.0 mm	5 PCS
0626 76	7.6 mm	117.0 mm	75.0 mm	5 PCS
0626 77	7.7 mm	117.0 mm	75.0 mm	5 PCS
0626 78	7.8 mm	117.0 mm	75.0 mm	5 PCS
0626 79	7.9 mm	117.0 mm	75.0 mm	5 PCS
0626 80	8.0 mm	117.0 mm	75.0 mm	1 PCS
0626 81	8.1 mm	117.0 mm	75.0 mm	1 PCS
0626 82	8.2 mm	117.0 mm	75.0 mm	1 PCS
0626 83	8.3 mm	117.0 mm	75.0 mm	1 PCS
0626 84	8.4 mm	117.0 mm	75.0 mm	1 PCS
0626 85	8.5 mm	117.0 mm	75.0 mm	1 PCS
0626 86	8.6 mm	125.0 mm	81.0 mm	1 PCS
0626 87	8.7 mm	125.0 mm	81.0 mm	1 PCS
0626 88	8.8 mm	125.0 mm	81.0 mm	1 PCS
0626 89	8.9 mm	125.0 mm	81.0 mm	1 PCS
0626 90	9.0 mm	125.0 mm	81.0 mm	1 PCS
0626 91	9.1 mm	125 mm	81 mm	1 PCS
0626 92	9.2 mm	125.0 mm	81.0 mm	1 PCS
0626 95	9.5 mm	125.0 mm	81.0 mm	1 PCS
0626 100	10.0 mm	133.0 mm	87.0 mm	1 PCS
0626 102	10.2 mm	133.0 mm	87.0 mm	1 PCS
0626 103	10.3 mm	133.0 mm	87.0 mm	1 PCS
0626 104	10.4 mm	133.0 mm	87.0 mm	1 PCS
0626 105	10.5 mm	133.0 mm	87.0 mm	1 PCS
0626 110	11.0 mm	142.0 mm	94.0 mm	1 PCS
0626 111	11.1 mm	142.0 mm	94.0 mm	1 PCS
0626 112	11.2 mm	142.0 mm	94.0 mm	1 PCS
0626 115	11.5 mm	142.0 mm	94.0 mm	1 PCS
0626 120	12.0 mm	151.0 mm	101.0 mm	1 PCS
0626 122	12.2 mm	151.0 mm	101.0 mm	1 PCS
0626 125	12.5 mm	151.0 mm	101.0 mm	1 PCS
0626 130	13.0 mm	151.0 mm	101.0 mm	1 PCS
0626 140	14.0 mm	160.0 mm	108.0 mm	1 PCS

Art. No.	Diameter (Durchmesser)	Length (Gesamtlänge)	Chip flute length (Spannutlänge)	Packaging unit (VPE)
0626 150	15.0 mm	169.0 mm	114.0 mm	1 PCS
0626 160	16.0 mm	178.0 mm	120.0 mm	1 PCS
0626 170	17.0 mm	184.0 mm	125.0 mm	1 PCS
0626 180	18.0 mm	191.0 mm	130.0 mm	1 PCS
0626 190	19.0 mm	198.0 mm	135.0 mm	1 PCS
0626 200	20.0 mm	205.0 mm	140.0 mm	1 PCS

Twist drill, DIN 338 HSS-Co

Metal cassettes

Product description:
Twist drill with straight shank, short, type N, right-hand cutting, DIN 338, HSS-Co 5%

Advantages:
- Designed for stationary drilling machines
- Perfectly suited to machining tough and thick-walled materials

Application area:
High-performance drill with marked thermal hardness resistance. For drilling alloyed and non-alloyed steels and cast materials with strengths in excess of 800 N/mm², in particular stainless steels, roller bearing steels, high-alloy steels and heat-treatable steels and case-hardened steels.

Advice:
From Ø 14 mm the shaft is twisted off to 12.7 mm



Composition of set: 1.0–10.0 mm
1.0–5.0 mm, 2 pieces each
5.5–10.0 mm, 1 piece each
incl. centre punch
Ascending: 0.5 mm
Number of pieces: 28 PCS

Art. No.	Packaging unit (VPE)
0626 004 110	1 PCS

Twist drill, DIN 338 HSS-Co

Safe plastic cassettes

Product description:
Twist drill with straight shank, short, type N, right-hand cutting, DIN 338, HSS-Co 5%

Advantages:
- Designed for stationary drilling machines
- Perfectly suited to machining tough and thick-walled materials

Application area:
High-performance drill with marked thermal hardness resistance. For drilling alloyed and non-alloyed steels and cast materials with strengths in excess of 800 N/mm², in particular stainless steels, roller bearing steels, high-alloy steels and heat-treatable steels and case-hardened steels.

Advice:
From Ø 14 mm the shaft is twisted off to 12.7 mm



Ascending: 0.5 mm

Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0626 004 910	1.0–10 mm 1.0– 5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0626 004 913	1.0–13 mm, 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

ultra twist drill HSS-O

The universal model

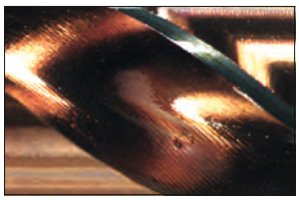
Product description:
Twist drill with straight shank, short, DIN 338, type N, right-hand cutting, HSS-O



Advantages:

- Ideal for power tools

Reduced chip warping: Reduced power consumption and less frictional heat
Utilizes 100% of the output of power tools



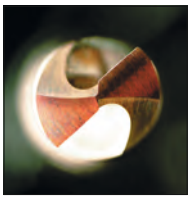


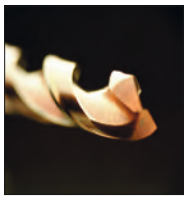
- Top quality

Long service life
Elasticity according to the most recent findings
Optimised breakage resistance with all diameters
Can be reground

- Turbo cutter

50% faster than conventional twist drills owing to tip angle of 135°
No centre punch required
Drills all conventional materials in the trade sector such as steel, stainless steel, aluminium, brass, copper, plastics





- Coating

The multifunctional steam oxide (Fe2 O4) coating is an adhesive oxide coating with a thickness of 0.010 mm and offers the following advantages:
Improved adhesion of cooling lubricant on the drill surface prevents built-up edges and cold shuts.
Improves chip discharge from the cutter - reduced heat development in the critical zone.
Increased surface hardness - thus improved wear resistance.

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0620 20	2.0 mm	50.0 mm	25.0 mm	10 PCS
0620 25	2.5 mm	57.0 mm	30.0 mm	10 PCS
0620 30	3.0 mm	61.0 mm	33.0 mm	10 PCS
0620 31	3.1 mm	65.0 mm	36.0 mm	10 PCS
0620 32	3.2 mm	65.0 mm	36.0 mm	10 PCS
0620 33	3.3 mm	65.0 mm	36.0 mm	10 PCS
0620 35	3.5 mm	70.0 mm	39.0 mm	10 PCS
0620 40	4.0 mm	75.0 mm	43.0 mm	10 PCS
0620 41	4.1 mm	75.0 mm	43.0 mm	10 PCS
0620 42	4.2 mm	75.0 mm	43.0 mm	10 PCS
0620 45	4.5 mm	80.0 mm	47.0 mm	10 PCS
0620 50	5.0 mm	86.0 mm	52.0 mm	10 PCS
0620 52	5.2 mm	86.0 mm	52.0 mm	10 PCS
0620 55	5.5 mm	93.0 mm	57.0 mm	10 PCS
0620 60	6.0 mm	93.0 mm	57.0 mm	10 PCS
0620 65	6.5 mm	101.0 mm	63.0 mm	10 PCS
0620 68	6.8 mm	109.0 mm	69.0 mm	10 PCS
0620 70	7.0 mm	109.0 mm	69.0 mm	10 PCS

Art. No.	Diameter	Length	Chip flute length	Packaging unit (VPE)
0620 75	7.5 mm	109.0 mm	69.0 mm	10 PCS
0620 80	8.0 mm	117.0 mm	75.0 mm	1 PCS
0620 85	8.5 mm	117.0 mm	75.0 mm	1 PCS
0620 90	9.0 mm	125.0 mm	81.0 mm	1 PCS
0620 95	9.5 mm	125.0 mm	81.0 mm	1 PCS
0620 100	10.0 mm	133.0 mm	87.0 mm	1 PCS
0620 102	10.2 mm	133.0 mm	87.0 mm	1 PCS
0620 105	10.5 mm	133.0 mm	87.0 mm	1 PCS
0620 110	11.0 mm	142.0 mm	94.0 mm	1 PCS
0620 115	11.5 mm	142.0 mm	94.0 mm	1 PCS
0620 120	12.0 mm	151.0 mm	101.0 mm	1 PCS
0620 125	12.5 mm	151.0 mm	101.0 mm	1 PCS
0620 130	13.0 mm	151.0 mm	101.0 mm	1 PCS
0620 135	13.5 mm	160.0 mm	108.0 mm	1 PCS
0620 140	14.0 mm	160.0 mm	108.0 mm	1 PCS
0620 145	14.5 mm	169.0 mm	114.0 mm	1 PCS
0620 150	15.0 mm	169.0 mm	114.0 mm	1 PCS
0620 155	15.5 mm	178.0 mm	120.0 mm	1 PCS
0620 160	16.0 mm	178.0 mm	120.0 mm	1 PCS
0620 165	16.5 mm	184.0 mm	125.0 mm	1 PCS
0620 170	17.0 mm	184.0 mm	125.0 mm	1 PCS
0620 175	17.5 mm	191.0 mm	130.0 mm	1 PCS
0620 180	18.0 mm	191.0 mm	130.0 mm	1 PCS
0620 185	18.5 mm	198.0 mm	135.0 mm	1 PCS
0620 190	19.0 mm	198.0 mm	135.0 mm	1 PCS
0620 195	19.5 mm	205.0 mm	140.0 mm	1 PCS
0620 200	20.0 mm	205.0 mm	140.0 mm	1 PCS

ultra twist drill HSS-O

Metal cassettes

Product description:
Proven twist drill cassette made from sheet steel



Advantages:

- Ideal for power tools

Reduced chip warping: Reduced power consumption and less frictional heat
Utilizes 100% of the output of power tools

- Top quality

Long service life
Elasticity according to the most recent findings
Optimised breakage resistance with all diameters
Can be reground

- Turbo cutter

50% faster than conventional twist drills owing to tip angle of 135°
No centre punch required

Drills all conventional materials in the trade sector such as steel, stainless steel, aluminium, brass, copper, plastics

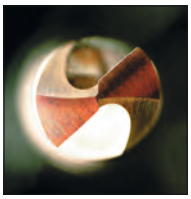


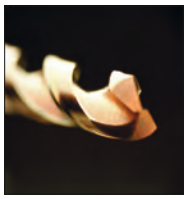


- Coating

The multifunctional steam oxide (Fe2 O4) coating is an adhesive oxide coating with a thickness of 0.010 mm and offers the following advantages:
Improved adhesion of cooling lubricant on the drill surface prevents built-up edges and cold shuts.
Improves chip discharge from the cutter - reduced heat development in the critical zone.
Increased surface hardness - thus improved wear resistance.

Ascending: 0.5 mm





Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0620 004 210	2.5–10 mm 2.5– 5.0, 2 pieces each 5.5–10.0, 1 piece each	22 PCS	1 PCS
0620 004 213	2.5–13 mm 2.5–5.0, 2 pieces each 5.5–13.0, 1 piece each	28 PCS	1 PCS

ultra twist drill HSS-O

Safe plastic cassettes

Product description:
Shock and break-proof twist drill cassette made from plastic



Advantages:

- Ideal for power tools

Reduced chip warping: Reduced power consumption and less frictional heat
Utilizes 100% of the output of power tools

- Top quality

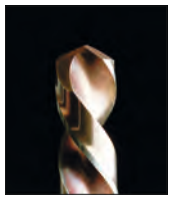
Long service life
Elasticity according to the most recent findings
Optimised breakage resistance with all diameters
Can be reground

- Turbo cutter

50% faster than conventional twist drills owing to tip angle of 135°
No centre punch required

Drills all conventional materials in the trade sector such as steel, stainless steel, aluminium, brass, copper, plastics

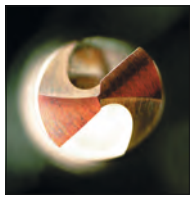


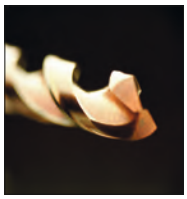


- Coating

The multifunctional steam oxide (Fe2 O4) coating is an adhesive oxide coating with a thickness of 0.010 mm and offers the following advantages:
Improved adhesion of cooling lubricant on the drill surface prevents built-up edges and cold shuts.
Improves chip discharge from the cutter - reduced heat development in the critical zone.
Increased surface hardness - thus improved wear resistance.

Ascending: 0.5 mm





Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0620 004 910	1.0–10 mm 1.0– 5.0, 2 pieces each 5.5–10.0, 1 piece each	28 PCS	1 PCS
0620 004 913	1.0–13 mm 1.0–5.0, 2 pieces each 5.5–13.0, 1 piece each	34 PCS	1 PCS

ultra twist drill HSS-O

Refill kit

Product description:
Twist drill with straight shank, short, DIN 338, type N, right-hand cutting, HSS-O



Advantages:

- Ideal for power tools

Reduced chip warping: Reduced power consumption and less frictional heat
Utilizes 100% of the output of power tools

- Top quality

Long service life
Elasticity according to the most recent findings
Optimised breakage resistance with all diameters
Can be reground

- Turbo cutter

50% faster than conventional twist drills owing to tip angle of 135°

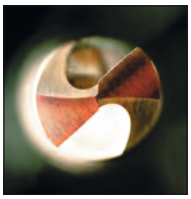
No centre punch required
Drills all conventional materials in the trade sector such as steel, stainless steel, aluminium, brass, copper, plastics

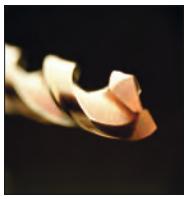
- Coating

The multifunctional steam oxide (Fe2 O4) coating is an adhesive oxide coating with a thickness of 0.010 mm and offers the following advantages:
Improved adhesion of cooling lubricant on the drill surface prevents built-up edges and cold shuts.
Improves chip discharge from the cutter - reduced heat development in the critical zone.
Increased surface hardness - thus improved wear resistance.









Composition of set: 2 pieces each in dia. 2.5; 3; 3.5; 4; 4.5; 5;
1 piece each in dia. 3.3; 4.2; 5.5; 6; 6.5; 6.8; 7; 7.5
Ascending: 0.5 mm
Number of pieces: 20 PCS

Art. No.	Packaging unit (VPE)
0620 007	1 PCS

SAFE twist drill cassette, plastic - empty

Product description:
Made from sturdy plastic. Proven quality



Art. No.	Composition of set (Ausführung)	Packaging unit (VPE)
0633 004 010	1.0–10.0 mm	1 PCS
0633 004 013	1.0–13.0 mm	1 PCS

Twist drill, DIN 340 HSS

Product description:
Twist drill with straight shank, long, type N, DIN 340, HSS



Application area:
Standard drill for drilling deep-set holes and for drilling drill bushings. For drilling steel and cast steel (alloyed and non-alloyed), grey cast iron, malleable cast iron, spheroidal cast iron, sintered iron, nickel silver and graphite.



Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0629 10	1.0 mm	23.0 mm	56.0 mm	10 PCS
0629 15	1.5 mm	45.0 mm	70.0 mm	10 PCS
0629 20	2.0 mm	56.0 mm	85.0 mm	10 PCS
0629 25	2.5 mm	62.0 mm	95.0 mm	10 PCS
0629 30	3.0 mm	66.0 mm	100.0 mm	10 PCS
0629 31	3.1 mm	69.0 mm	106.0 mm	10 PCS
0629 32	3.2 mm	69.0 mm	106.0 mm	10 PCS
0629 33	3.3 mm	69.0 mm	106.0 mm	10 PCS
0629 35	3.5 mm	73.0 mm	112.0 mm	10 PCS
0629 38	3.8 mm	78.0 mm	119.0 mm	10 PCS
0629 39	3.9 mm	78.0 mm	119.0 mm	10 PCS
0629 40	4.0 mm	78.0 mm	119.0 mm	10 PCS
0629 41	4.1 mm	78.0 mm	119.0 mm	10 PCS
0629 42	4.2 mm	78.0 mm	119.0 mm	10 PCS
0629 43	4.3 mm	82.0 mm	126.0 mm	10 PCS
0629 45	4.5 mm	82.0 mm	126.0 mm	10 PCS
0629 48	4.8 mm	87.0 mm	132.0 mm	10 PCS
0629 50	5.0 mm	87.0 mm	132.0 mm	10 PCS
0629 51	5.1 mm	87.0 mm	132.0 mm	10 PCS
0629 52	5.2 mm	87.0 mm	132.0 mm	10 PCS
0629 55	5.5 mm	91.0 mm	139.0 mm	10 PCS
0629 58	5.8 mm	91.0 mm	139.0 mm	10 PCS
0629 60	6.0 mm	93.0 mm	139.0 mm	10 PCS
0629 65	6.5 mm	97.0 mm	148.0 mm	10 PCS
0629 68	6.8 mm	102.0 mm	156.0 mm	5 PCS
0629 70	7.0 mm	102.0 mm	156.0 mm	5 PCS
0629 75	7.5 mm	102.0 mm	156.0 mm	5 PCS
0629 80	8.0 mm	109.0 mm	165.0 mm	5 PCS
0629 85	8.5 mm	109.0 mm	165.0 mm	1 PCS
0629 90	9.0 mm	115.0 mm	175.0 mm	1 PCS
0629 95	9.5 mm	115.0 mm	175.0 mm	1 PCS
0629 100	10.0 mm	121.0 mm	184.0 mm	1 PCS
0629 105	10.5 mm	121.0 mm	184.0 mm	1 PCS
0629 110	11.0 mm	128.0 mm	195.0 mm	1 PCS
0629 115	11.5 mm	128.0 mm	195.0 mm	1 PCS
0629 120	12.0 mm	134.0 mm	205.0 mm	1 PCS
0629 125	12.5 mm	134.0 mm	205.0 mm	1 PCS
0629 130	13.0 mm	134.0 mm	205.0 mm	1 PCS

Façade and roofing drill bit HSS

Advantages:
- 30 mm flute
- improved, non-cutting guide
- low risk of breakage



Chip flute length (Spannutlänge): 30.0 mm



Art. No.	Diameter (Durchmesser)	Length (Gesamtlänge)	Packaging unit (VPE)
0629 145 150	4.5 mm	150.0 mm	5 PCS
0629 145 210	4.5 mm	210.0 mm	5 PCS
0629 150 150	5.0 mm	150.0 mm	5 PCS
0629 150 210	5.0 mm	210.0 mm	5 PCS
0629 153 150	5.3 mm	150.0 mm	5 PCS
0629 153 180	5.3 mm	180.0 mm	5 PCS
0629 153 210	5.3 mm	210.0 mm	5 PCS
0629 155 150	5.5 mm	150.0 mm	5 PCS
0629 155 200	5.5 mm	210.0 mm	5 PCS
0629 157 150	5.7 mm	150.0 mm	5 PCS
0629 157 180	5.7 mm	180.0 mm	5 PCS
0629 157 200	5.7 mm	210.0 mm	5 PCS
0629 158 150	5.8 mm	150.0 mm	5 PCS
0629 158 180	5.8 mm	180.0 mm	5 PCS
0629 158 200	5.8 mm	210.0 mm	5 PCS

Twist drill, DIN 1869 HSS

Product description:
Twist drill with straight shank, extra-long, type N, DIN 1869, HSS

Application area:
Twist drill for extremely deep drill holes (not suitable for oil drill holes in cranks-hafts - special drill required). The cutting properties (cutting speed, feed rate) must take account of the stability of the drill. Frequent chip removal is just as important as adequate cooling. The achievable drill performance is positively influenced to a great extent by slightly off-centre tip grinding.



Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0629 001 40	4.0 mm	120.0 mm	175.0 mm	1 PCS
0629 002 40	4.0 mm	190.0 mm	280.0 mm	1 PCS
0629 001 50	5.0 mm	135.0 mm	195.0 mm	1 PCS
0629 002 50	5.0 mm	210.0 mm	315.0 mm	1 PCS
0629 001 60	6.0 mm	140.0 mm	205.0 mm	1 PCS
0629 002 60	6.0 mm	225.0 mm	330.0 mm	1 PCS
0629 001 80	8.0 mm	165.0 mm	240.0 mm	1 PCS
0629 002 80	8.0 mm	265.0 mm	390.0 mm	1 PCS
0629 001 100	10.0 mm	185.0 mm	265.0 mm	1 PCS

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0629 002 100	10.0 mm	295.0 mm	430.0 mm	1 PCS

Twist drill, DIN 1897 HSS-Co

Product description:
Twist drill HSS-Co 5%, DIN 1897, type N, extra-short design



Advantages:
- Robust HSS-Co twist drill with reinforced core thickness and marked thermal stability.



Application area:
Robust twist drill for use on automated machines and revolver banks. Particularly suitable for use in hand-held drills too and for drilling thin-walled materials (bodywork construction etc.).

Field of Application:
For drilling alloyed and non-alloyed steels with strengths in excess of 800 N/mm², in particular stainless steels, high-alloy steels and heat-treatable steels and case-hardened steels.

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0635 000 010	1.0 mm	6.0 mm	26.0 mm	10 PCS
0635 000 015	1.5 mm	9.0 mm	32.0 mm	10 PCS
0635 000 020	2.0 mm	12.0 mm	38.0 mm	10 PCS
0635 000 025	2.5 mm	14.0 mm	43.0 mm	10 PCS
0635 000 030	3.0 mm	16.0 mm	46.0 mm	10 PCS
0635 000 032	3.2 mm	18.0 mm	49.0 mm	10 PCS
0635 000 033	3.3 mm	18.0 mm	49.0 mm	10 PCS
0635 000 035	3.5 mm	20.0 mm	52.0 mm	10 PCS
0635 000 040	4.0 mm	22.0 mm	55.0 mm	10 PCS
0635 000 041	4.1 mm	22.0 mm	55.0 mm	10 PCS
0635 000 042	4.2 mm	22.0 mm	55.0 mm	10 PCS
0635 000 045	4.5 mm	24.0 mm	58.0 mm	10 PCS
0635 000 048	4.8 mm	26.0 mm	62.0 mm	10 PCS
0635 000 049	4.9 mm	26.0 mm	62.0 mm	10 PCS
0635 000 050	5.0 mm	26.0 mm	62.0 mm	10 PCS
0635 000 051	5.1 mm	26.0 mm	62.0 mm	10 PCS
0635 000 052	5.2 mm	26.0 mm	62.0 mm	10 PCS
0635 000 055	5.5 mm	28.0 mm	66.0 mm	10 PCS
0635 000 060	6.0 mm	28.0 mm	66.0 mm	5 PCS
0635 000 061	6.1 mm	31.0 mm	70.0 mm	5 PCS
0635 000 062	6.2 mm	31.0 mm	70.0 mm	5 PCS
0635 000 065	6.5 mm	31.0 mm	70.0 mm	5 PCS
0635 000 068	6.8 mm	34.0 mm	74.0 mm	5 PCS
0635 000 070	7.0 mm	34.0 mm	74.0 mm	5 PCS
0635 000 075	7.5 mm	34.0 mm	74.0 mm	5 PCS
0635 000 080	8.0 mm	37.0 mm	79.0 mm	5 PCS
0635 000 085	8.5 mm	37.0 mm	79.0 mm	1 PCS
0635 000 090	9.0 mm	40.0 mm	84.0 mm	1 PCS
0635 000 095	9.5 mm	40.0 mm	84.0 mm	1 PCS
0635 000 100	10.0 mm	43.0 mm	89.0 mm	1 PCS
0635 000 102	10.2 mm	43.0 mm	89.0 mm	1 PCS
0635 000 105	10.5 mm	43.0 mm	89.0 mm	1 PCS
0635 000 110	11.0 mm	47.0 mm	95.0 mm	1 PCS
0635 000 115	11.5 mm	47.0 mm	95.0 mm	1 PCS
0635 000 120	12.0 mm	51.0 mm	102.0 mm	1 PCS
0635 000 125	12.5 mm	51.0 mm	102.0 mm	1 PCS

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0635 000 130	13.0 mm	51.0 mm	102.0 mm	1 PCS

Twist drill, DIN 1897 HSS

Product description:
Twist drill HSS, DIN 1897, type N, extra-short design



Application area:
Robust twist drill for use on automated machines and revolver banks. Particularly suitable for use in hand-held drills too and for drilling thin-walled materials (bodywork construction etc.).



Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0635 20	2.0 mm	12.0 mm	38.0 mm	10 PCS
0635 25	2.5 mm	14.0 mm	43.0 mm	10 PCS
0635 30	3.0 mm	16.0 mm	46.0 mm	10 PCS
0635 31	3.1 mm	18.0 mm	49.0 mm	10 PCS
0635 32	3.2 mm	18.0 mm	49.0 mm	10 PCS
0635 33	3.3 mm	18.0 mm	49.0 mm	10 PCS
0635 35	3.5 mm	20.0 mm	52.0 mm	10 PCS
0635 40	4.0 mm	22.0 mm	55.0 mm	10 PCS
0635 41	4.1 mm	22.0 mm	55.0 mm	10 PCS
0635 42	4.2 mm	22.0 mm	55.0 mm	10 PCS
0635 45	4.5 mm	24.0 mm	58.0 mm	10 PCS
0635 48	4.8 mm	26.0 mm	62.0 mm	10 PCS
0635 49	4.9 mm	26.0 mm	62.0 mm	10 PCS
0635 50	5.0 mm	26.0 mm	62.0 mm	10 PCS
0635 51	5.1 mm	26.0 mm	62.0 mm	10 PCS
0635 52	5.2 mm	26.0 mm	62.0 mm	10 PCS
0635 55	5.5 mm	28.0 mm	66.0 mm	10 PCS
0635 57	5.7 mm	28.0 mm	66.0 mm	10 PCS
0635 58	5.8 mm	28.0 mm	66.0 mm	10 PCS
0635 60	6.0 mm	28.0 mm	66.0 mm	10 PCS



Twist drill, DIN 1897 solid carbide

Product description:
RECA twist drill, solid cemented carbide, DIN 1897, type N, with straight shank, right-hand cutting, carbide, quality K 10



Application area:
For drilling spring steel, chilled cast iron, hard and tough bronze, brass, copper and light metals.
Highly robust high-performance twist drill for continuous use on automated units and machine hubs. Also suitable for use on power tools under certain conditions. Particularly suitable for drilling spring steel, cast steel, chilled cast iron, grey cast iron, bronze, light and non-ferrous base metals. Also suitable for the efficient machining of abrasive materials (AL-Si alloys), fibre-reinforced plastics and other thermoset materials that have an abrasive effect on the cutters and phases of the drill.

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
1632 20	2.0 mm	12.0 mm	38.0 mm	1 PCS
1632 25	2.5 mm	14.0 mm	43.0 mm	1 PCS
1632 30	3.0 mm	16.0 mm	46.0 mm	1 PCS
1632 35	3.5 mm	20.0 mm	52.0 mm	1 PCS
1632 40	4.0 mm	22.0 mm	55.0 mm	1 PCS
1632 45	4.5 mm	24.0 mm	58.0 mm	1 PCS
1632 50	5.0 mm	26.0 mm	62.0 mm	1 PCS
1632 60	6.0 mm	28.0 mm	66.0 mm	1 PCS
1632 65	6.5 mm	31.0 mm	70.0 mm	1 PCS
1632 70	7.0 mm	34.0 mm	74.0 mm	1 PCS
1632 80	8.0 mm	37.0 mm	79.0 mm	1 PCS
1632 90	9.0 mm	40.0 mm	84.0 mm	1 PCS
1632 100	10.0 mm	43.0 mm	89.0 mm	1 PCS

Extreme twist drill

The drill for the toughest materials

Product description:
DIN 1897, HSS-Co Al-Cr, coated



Advantages:
135° turbo cutter with cross grinding
- Drilling with pin-point accuracy
- No centre punch required
- Fastest drilling progress
- Drilling on convex surfaces

Reinforced drill core
- Greater cutting forces and stability
- Longer service life
- Optimised breakage resistance with all diameters
- Elasticity according to the most recent findings

Surface coating
- Al Cr coating
- Increased surface hardness
- Prevents built-up edges
- Improves thermal stability

Application area:
For stationary machines, DIN 1897 type N extra-short, right-hand cutting, ground, aluminium-chromium coating, HSS-Co 5%

Field of Application:
Suitable for HARDOX® 450 (for HARDOX® 500 and 550 preliminary testing is required) and for very hard materials up to 1400 N/mm² such as e.g. excavator shovels, truck superstructures, snowploughs, agricultural machines, armour plating etc.

Advice:
Prerequisites for drilling HARDOX®:
Short drill construction to minimise vibration; stability is key.
Do not use in hand-held drills!
Minimise distance between drill and workpiece and clamp workpiece firmly.
Reduce feed rate shortly before drilling through and ensure recommended feed rate and cutting speed are maintained.

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0635 800 030	3.0 mm	16.0 mm	46.0 mm	1 PCS
0635 800 040	4.0 mm	22.0 mm	55.0 mm	1 PCS
0635 800 050	5.0 mm	26.0 mm	62.0 mm	1 PCS
0635 800 060	6.0 mm	28.0 mm	66.0 mm	1 PCS
0635 800 065	6.5 mm	31.0 mm	70.0 mm	1 PCS
0635 800 070	7.0 mm	34.0 mm	74.0 mm	1 PCS
0635 800 080	8.0 mm	37.0 mm	79.0 mm	1 PCS
0635 800 085	8.5 mm	37.0 mm	79.0 mm	1 PCS
0635 800 090	9.0 mm	40.0 mm	84.0 mm	1 PCS
0635 800 100	10.0 mm	43.0 mm	89.0 mm	1 PCS
0635 800 105	10.5 mm	43.0 mm	89.0 mm	1 PCS
0635 800 110	11.0 mm	47.0 mm	95.0 mm	1 PCS
0635 800 120	12.0 mm	51.0 mm	102.0 mm	1 PCS
0635 800 125	12.5 mm	51.0 mm	102.0 mm	1 PCS
0635 800 130	13.0 mm	51.0 mm	102.0 mm	1 PCS
0635 800 140	14.0 mm	54.0 mm	107.0 mm	1 PCS
0635 800 160	16.0 mm	58.0 mm	115.0 mm	1 PCS
0635 800 165	16.5 mm	58.0 mm	115.0 mm	1 PCS

Extreme twist drill

DIN 345, HSS-Co, TiAlN coated, Morse taper

Product description:
HSS-Co twist drill with Morse taper for stationary machines. Type H, right-hand cutting, ground, TiAlN (titanium-aluminium-nitride) coating, HSS-Co 8%.



Advantages:
- 130° turbo cutter with cross grinding; drilling with pin-point accuracy; no centre punch required, fastest drilling progress, drilling on convex surfaces
- Reinforced drill core; greater cutting forces and stability, longer service life, optimised breakage resistance with all diameters
- Surface coating; TiAlN (titanium aluminium nitride) coating, increased surface hardness, prevents built-up edges, improves thermal stability

Application area:
Suitable for HARDOX® 450 (for HARDOX® 500 and 550 preliminary testing is required) and for very hard materials up to 1400 N/mm² such as e.g. excavator shovels, truck superstructures, snowploughs, agricultural machines, armour plating etc.

Advice:
Cutting values/speed in HARDOX 450: 18 mm 110–140 rpm; 20 mm 100–130 rpm; 22 mm 90–120 rpm; 24 mm 80–100 rpm

Art. No.	Diameter	Suitable for morse taper tools	Chip flute length	Length	Packaging unit (VPE)
0635 810 180	18.0 mm	MK 2	85.0 mm	183.0 mm	1 PCS
0635 810 200	20.0 mm	MK 3	91.0 mm	212.0 mm	1 PCS
0635 810 220	22.0 mm	MK 3	98.0 mm	219.0 mm	1 PCS
0635 810 240	24.0 mm	MK 3	104.0 mm	225.0 mm	1 PCS

Twist drill DIN 345 HSS, Morse taper

Product description:
RECA twist drill, ground, with Morse taper HSS, DIN 345, type N, right-hand cutting, conical cut, tip angle 118°, point thinning to DIN 1412, type A



Application area:
Standard drill for drilling steel and steel casting (alloyed and unalloyed), grey cast iron, malleable iron, spheroidal cast iron, sintered iron, nickel silver and graphite.

Advice:
Accessories range: Drill chucks, taper mandrels, reducing sleeves, extension sleeves, ejectors, vices

Art. No.	Diameter	Suitable for morse taper tools	Chip flute length	Length	Packaging unit (VPE)
0628 100	10.0 mm	MK 1	87.0 mm	168.0 mm	1 PCS
0628 110	11.0 mm	MK 1	94.0 mm	175.0 mm	1 PCS
0628 120	12.0 mm	MK 1	101.0 mm	182.0 mm	1 PCS
0628 130	13.0 mm	MK 1	101.0 mm	182.0 mm	1 PCS
0628 140	14.0 mm	MK 1	108.0 mm	189.0 mm	1 PCS
0628 145	14.5 mm	MK 2	114.0 mm	212.0 mm	1 PCS
0628 150	15.0 mm	MK 2	114.0 mm	212.0 mm	1 PCS
0628 155	15.5 mm	MK 2	120.0 mm	218.0 mm	1 PCS
0628 160	16.0 mm	MK 2	120.0 mm	218.0 mm	1 PCS
0628 165	16.5 mm	MK 2	125.0 mm	223.0 mm	1 PCS
0628 170	17.0 mm	MK 2	125.0 mm	223.0 mm	1 PCS
0628 175	17.5 mm	MK 2	130.0 mm	228.0 mm	1 PCS
0628 180	18.0 mm	MK 2	130.0 mm	228.0 mm	1 PCS
0628 185	18.5 mm	MK 2	135.0 mm	233.0 mm	1 PCS
0628 190	19.0 mm	MK 2	135.0 mm	233.0 mm	1 PCS
0628 195	19.5 mm	MK 2	140.0 mm	238.0 mm	1 PCS
0628 200	20.0 mm	MK 2	140.0 mm	238.0 mm	1 PCS
0628 205	20.5 mm	MK 2	145.0 mm	243.0 mm	1 PCS
0628 210	21.0 mm	MK 2	145.0 mm	243.0 mm	1 PCS
0628 215	21.5 mm	MK 2	150.0 mm	248.0 mm	1 PCS
0628 220	22.0 mm	MK 2	150.0 mm	248.0 mm	1 PCS
0628 225	22.5 mm	MK 2	155.0 mm	253.0 mm	1 PCS
0628 230	23.0 mm	MK 2	155.0 mm	253.0 mm	1 PCS
0628 235	23.5 mm	MK 3	155.0 mm	276.0 mm	1 PCS
0628 240	24.0 mm	MK 3	160.0 mm	281.0 mm	1 PCS
0628 245	24.5 mm	MK 3	160.0 mm	281.0 mm	1 PCS
0628 250	25.0 mm	MK 3	160.0 mm	281.0 mm	1 PCS
0628 255	25.5 mm	MK 3	160.0 mm	286.0 mm	1 PCS
0628 260	26.0 mm	MK 3	165.0 mm	286.0 mm	1 PCS
0628 265	26.5 mm	MK 3	165.0 mm	286.0 mm	1 PCS
0628 270	27.0 mm	MK 3	170.0 mm	291.0 mm	1 PCS
0628 275	27.5 mm	MK 3	170.0 mm	291.0 mm	1 PCS
0628 280	28.0 mm	MK 3	170.0 mm	291.0 mm	1 PCS
0628 285	28.5 mm	MK 3	175.0 mm	296.0 mm	1 PCS
0628 290	29.0 mm	MK 3	175.0 mm	296.0 mm	1 PCS

Art. No.	Diameter	Suitable for morse taper tools	Chip flute length	Length	Packaging unit (VPE)
0628 295	29.5 mm	MK 3	175.0 mm	296.0 mm	1 PCS
0628 300	30.0 mm	MK 3	175.0 mm	296.0 mm	1 PCS
0628 305	30.5 mm	MK 3	180.0 mm	301.0 mm	1 PCS
0628 310	31.0 mm	MK 3	180.0 mm	301.0 mm	1 PCS
0628 320	32.0 mm	MK 4	185.0 mm	334.0 mm	1 PCS
0628 340	34.0 mm	MK 4	190.0 mm	339.0 mm	1 PCS
0628 350	35.0 mm	MK 4	190.0 mm	339.0 mm	1 PCS
0628 360	36.0 mm	MK 4	195.0 mm	344.0 mm	1 PCS
0628 380	38.0 mm	MK 4	200.0 mm	349.0 mm	1 PCS
0628 400	40.0 mm	MK 4	200.0 mm	349.0 mm	1 PCS
0628 450	45.0 mm	MK 4	210.0 mm	359.0 mm	1 PCS
0628 500	50.0 mm	MK 4	220.0 mm	369.0 mm	1 PCS

Reducing sleeves DIN 2185

Product description:
Reducing sleeves DIN 2185 for Morse taper reduction. Thoroughly hardened and ground.

Advice:
Accessories range: Drill chucks, taper mandrels, reducing sleeves, extension sleeves, ejectors, vices



Art. No.	Suitable for morse taper tools	Morse taper size	Packaging unit (VPE)
3650 548 21	MK 2	MK 1	1 PCS
3650 548 31	MK 3	MK 1	1 PCS
3650 548 32	MK 3	MK 2	1 PCS
3650 548 41	MK 4	MK 1	1 PCS
3650 548 42	MK 4	MK 2	1 PCS
3650 548 43	MK 4	MK 3	1 PCS

Morse taper arbor DIN 238

Product description:
Taper mandrel DIN 238 for drill chucks. Thoroughly hardened and ground.

Advice:
Accessories range: Drill chucks, taper mandrels, reducing sleeves, extension sleeves, ejectors, vices



Art. No.	Drill chuck taper	Suitable for morse taper tools	Packaging unit (VPE)
3650 546 121	B 12	MK 1	1 PCS
3650 546 122	B 12	MK 2	1 PCS
3650 546 123	B 12	MK 3	1 PCS
3650 546 161	B 16	MK 1	1 PCS
3650 546 162	B 16	MK 2	1 PCS
3650 546 163	B 16	MK 3	1 PCS
3650 546 164	B 16	MK 4	1 PCS
3650 546 182	B 18	MK 2	1 PCS
3650 546 183	B 18	MK 3	1 PCS
3650 546 184	B 18	MK 4	1 PCS

Extension sleeve DIN 2187

Product description:
Extension sleeves DIN 2187 for tools with Morse taper. Thoroughly hardened and ground.

Advice:
Accessories range: Drill chucks, taper mandrels, reducing sleeves, extension sleeves, ejectors, vices



Art. No.	Suitable for morse taper tools	Morse taper size	Length	Packaging unit (VPE)
3650 556 22	MK 2	MK 2	175.0 mm	1 PCS
3650 556 23	MK 2	MK 3	196.0 mm	1 PCS
3650 556 32	MK 3	MK 2	194.0 mm	1 PCS
3650 556 33	MK 3	MK 3	215.0 mm	1 PCS
3650 556 34	MK 3	MK 4	240.0 mm	1 PCS

Ejector drift for Morse taper

Product description:
Ejector drift DIN 317 for loosening tools with Morse taper shank. Forged from steel, thoroughly hardened.

Advice:
Accessories range: Drill chucks, taper mandrels, reducing sleeves, extension sleeves, ejectors, vices



Art. No.	Suitable for morse taper tools	Length	Packaging unit (VPE)
3650 562 12	MK 1, MK 2	140.0 mm	1 PCS
3650 562 3	MK 3	190.0 mm	1 PCS
3650 562 4	MK 4	225.0 mm	1 PCS

Core drill bit HSS-Co Quick IN

with Quick IN (fine) shank Ø 18.0 mm CBN ground, right-hand cutting

Product description:
On mobile magnetic drills or stationary drills for producing large drill holes. Suitable for steel (T-supports, large-format sheet steel), steel casting, non-ferrous and light metals, plastics. HSS-Co core drill bits are also suitable for stainless steel (V2A and V4A). The refined cutting geometry enables greatly improved cutting characteristics to be achieved, which has a positive impact on cutting performance and service life.



Advantages:
- In contrast to solid drilling, a thin metal ring is chucked. The drill core is ejected by an ejector pin.
- Fast drilling progress, very high performance and long service life
- No predrilling required, no formation of burrs
- Pre and post-processing is no longer necessary
- Optimized cutting geometry
- Clean cut, tolerance-precise drill hole, maximum service life
- Problem-free drilling on curved surfaces and pipes
- Exact guidance, no slippage

Cutting depth: 35.0 mm

Length: 77.0 mm

Art. No.	Diameter	Packaging unit (VPE)
0618 535 120	12.0 mm	1 PCS
0618 535 130	13.0 mm	1 PCS
0618 535 140	14.0 mm	1 PCS
0618 535 150	15.0 mm	1 PCS
0618 535 160	16.0 mm	1 PCS
0618 535 180	18.0 mm	1 PCS
0618 535 200	20.0 mm	1 PCS
0618 535 220	22.0 mm	1 PCS
0618 535 240	24.0 mm	1 PCS
0618 535 250	25.0 mm	1 PCS
0618 535 260	26.0 mm	1 PCS
0618 535 280	28.0 mm	1 PCS
0618 535 300	30.0 mm	1 PCS
0618 535 320	32.0 mm	1 PCS

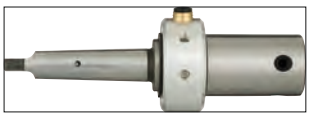
Accessories for core drill bit

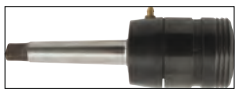
Product description:
Suitable ejector pins for RECA core drill bits

Advantages:
- In contrast to solid drilling, a thin metal ring is chucked. The drill core is ejected by an ejector pin.
- Fast drilling progress, very high performance and long service life
- No predrilling required, no formation of burrs
- Pre and post-processing is no longer necessary
- Optimized cutting geometry
- Clean cut, tolerance-precise drill hole, maximum service life
- Problem-free drilling on curved surfaces and pipes
- Exact guidance, no slippage











Art. No.	Type description	Packaging unit (VPE)
0618 110	Ejector pin for adapter + core drill bit with drilling depth 30 + 35 mm	1 PCS
0618 030	Ejector pin for core drill bits, cutting depth: 30 mm	1 PCS
0618 050	Ejector pin for core drill bits, cutting depth: 50 mm	1 PCS
0618 535	Ejector pin suitable for core drill bits with 35 mm cutting depth	1 PCS

HSS core drill bit

With Weldon shank Ø 19 mm CBN ground, right-hand cutting

Product description:
On mobile magnetic drills or stationary drills for producing large drill holes. Suitable for steel (T-supports, large-format sheet steel), steel casting, non-ferrous and light metals, plastics. HSS-Co core drill bits are also suitable for stainless steel (V2A and V4A). The refined cutting geometry enables greatly improved cutting characteristics to be achieved, which has a positive impact on cutting performance and service life.



Advantages:
- In contrast to solid drilling, a thin metal ring is chucked. The drill core is

ejected by an ejector pin.

- Fast drilling progress, very high performance and long service life
- No predrilling required, no formation of burrs
- Pre and post-processing is no longer necessary
- Optimized cutting geometry
- Clean cut, tolerance-precise drill hole, maximum service life
- Problem-free drilling on curved surfaces and pipes
- Exact guidance, no slippage



Cutting depth: 30.0 mm
Length: 63.75 mm

Art. No.	Diameter	Packaging unit (VPE)
0618 030 120	12.0 mm	1 PCS
0618 030 130	13.0 mm	1 PCS
0618 030 140	14.0 mm	1 PCS
0618 030 150	15.0 mm	1 PCS
0618 030 160	16.0 mm	1 PCS
0618 030 170	17.0 mm	1 PCS
0618 030 180	18.0 mm	1 PCS
0618 030 190	19.0 mm	1 PCS
0618 030 200	20.0 mm	1 PCS
0618 030 210	21.0 mm	1 PCS
0618 030 220	22.0 mm	1 PCS
0618 030 230	23.0 mm	1 PCS
0618 030 240	24.0 mm	1 PCS
0618 030 250	25.0 mm	1 PCS
0618 030 260	26.0 mm	1 PCS
0618 030 270	27.0 mm	1 PCS
0618 030 280	28.0 mm	1 PCS
0618 030 300	30.0 mm	1 PCS
0618 030 310	31.0 mm	1 PCS
0618 030 320	32.0 mm	1 PCS





Core drill bit, HSS-Co

With Weldon shank Ø 19 mm CBN ground, right-hand cutting

Product description:
On mobile magnetic drills or stationary drills for producing large drill holes. Suitable for steel (T-supports, large-format sheet steel), steel casting, non-ferrous and light metals, plastics. HSS-Co core drill bits are also suitable for stainless steel (V2A and V4A). The refined cutting geometry enables greatly improved cutting characteristics to be achieved, which has a positive impact on cutting performance and service life.



Advantages:

- In contrast to solid drilling, a thin metal ring is chucked. The drill core is ejected by an ejector pin.
- Fast drilling progress, very high performance and long service life
- No predrilling required, no formation of burrs
- Pre and post-processing is no longer necessary
- Optimized cutting geometry
- Clean cut, tolerance-precise drill hole, maximum service life
- Problem-free drilling on curved surfaces and pipes
- Exact guidance, no slippage



Length: 86.0 mm

Art. No.	Diameter	Cutting depth	Packaging unit (VPE)
0618 050 120	12.0 mm	50.0 mm	1 PCS
0618 050 130	13.0 mm	50.0 mm	1 PCS
0618 050 140	14.0 mm	50.0 mm	1 PCS
0618 050 150	15.0 mm	50.0 mm	1 PCS
0618 050 160	16.0 mm	50.0 mm	1 PCS
0618 050 170	17.0 mm	50.0 mm	1 PCS
0618 050 175	17.5 mm	50.0 mm	1 PCS
0618 050 180	18.0 mm	50.0 mm	1 PCS
0618 050 190	19.0 mm	50.0 mm	1 PCS
0618 050 200	20.0 mm	50.0 mm	1 PCS
0618 050 210	21.0 mm	50.0 mm	1 PCS
0618 050 220	22.0 mm	50.0 mm	1 PCS
0618 050 230	23.0 mm	50.0 mm	1 PCS
0618 050 240	24.0 mm	50.0 mm	1 PCS
0618 050 250	25.0 mm	50.0 mm	1 PCS
0618 050 260	26.0 mm	50.0 mm	1 PCS
0618 050 270	27.0 mm	50.0 mm	1 PCS
0618 050 280	28.0 mm	50.0 mm	1 PCS
0618 050 290	29.0 mm	50.0 mm	1 PCS
0618 050 300	30.0 mm	50.0 mm	1 PCS
0618 050 310	31.0 mm	50.0 mm	1 PCS
0618 050 320	32.0 mm	50.0 mm	1 PCS
0618 050 330	33.0 mm	50.0 mm	1 PCS
0618 050 340	34.0 mm	50.0 mm	1 PCS
0618 050 350	35.0 mm	50.0 mm	1 PCS
0618 050 360	36.0 mm	50.0 mm	1 PCS
0618 050 370	37.0 mm	50.0 mm	1 PCS
0618 050 380	38.0 mm	50.0 mm	1 PCS
0618 050 390	39.0 mm	50.0 mm	1 PCS
0618 050 400	40.0 mm	50.0 mm	1 PCS
0618 050 450	45.0 mm	50 mm	1 PCS
0618 050 500	50.0 mm	50 mm	1 PCS
0618 050 600	60.0 mm	50 mm	1 PCS





Centre drill, DIN 333 HSS

Standard drill bit for making centring holes in accordance with DIN 333, page 1, type A (without protective countersink)

Product description:
Type A, countersink angle: 60°, right-hand cutting, ground



Application area:
This precision-ground centre drill from RECA is perfect for all rotating workpieces. The drill is suitable for all common materials with precision placement of drill hole. Its cutting geometry and structural dimensions correspond to DIN 333 with straight bearing surfaces.
The extremely smooth and straight bearing surface ensures secure placement of the centre point with contact over a large area.



Field of Application:
Ideal for all common materials such as steel, cast iron, malleable iron, sintered iron, electrolytic copper, nickel silver, AL-Si alloys, and non-ferrous base metals. Typical applications in these cases include e.g. shafts, axles, bolts, crankshafts, rollers and all large, rotating workpieces that are machined on lathe, milling and grinding machines or units.

Art. No.	Diameter	Shaft diameter	Length	Packaging unit (VPE)
2624 110	1.0 mm	3.15 mm	31.5 mm	1 PCS
2624 116	1.6 mm	4 mm	35.5 mm	1 PCS
2624 120	2.0 mm	5 mm	40.0 mm	1 PCS
2624 125	2.5 mm	6.3 mm	45.0 mm	1 PCS
2624 131 5	3.15 mm	8 mm	50.0 mm	1 PCS
2624 140	4.0 mm	10 mm	56.0 mm	1 PCS
2624 150	5.0 mm	12.5 mm	63.0 mm	1 PCS
2624 163	6.3 mm	16 mm	71.0 mm	1 PCS

Double ended drill bit HSS

Product description:
Double twist drill HSS, extra short, type N, right-hand cutting at either side, factory standard, HSS



Advantages:
- Two working tips, can be used at either side = twice the drill output without having to regrind
- Short structural dimensions = maximum stability and breakage resistance
- Extremely short chip flutings = gentle, low-vibration working with first-rate service life



Application area:
Areas of application include e.g. vehicle bodywork, hollow rivet holes in heating, plumbing, ventilation and air-conditioning systems, instrument construction and aircraft manufacturing. In thin-walled materials, sheet metalworking and façade construction. Primary application in hand-held drills.

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0636 20	2.0 mm	7.5 mm	38.0 mm	10 PCS
0636 25	2.5 mm	9.5 mm	43.0 mm	10 PCS
0636 30	3.0 mm	10.6 mm	46.0 mm	10 PCS
0636 31	3.1 mm	11.2 mm	49.0 mm	10 PCS
0636 32	3.2 mm	11.2 mm	49.0 mm	10 PCS
0636 33	3.3 mm	11.2 mm	49.0 mm	10 PCS
0636 34	3.4 mm	12.5 mm	52.0 mm	10 PCS

Art. No.	Diameter	Chip flute length	Length	Packaging unit (VPE)
0636 35	3.5 mm	12.5 mm	52.0 mm	10 PCS
0636 40	4.0 mm	14.0 mm	55.0 mm	10 PCS
0636 41	4.1 mm	14.0 mm	55.0 mm	10 PCS
0636 42	4.2 mm	14.0 mm	55.0 mm	10 PCS
0636 45	4.5 mm	15.5 mm	58.0 mm	10 PCS
0636 50	5.0 mm	17.0 mm	62.0 mm	10 PCS
0636 51	5.1 mm	17.0 mm	62.0 mm	10 PCS
0636 52	5.2 mm	17.0 mm	62.0 mm	10 PCS
0636 55	5.5 mm	19.0 mm	66.0 mm	10 PCS
0636 60	6.0 mm	19.0 mm	66.0 mm	10 PCS
0636 65	6.5 mm	21.5 mm	70.0 mm	10 PCS

ultra conical countersink

90° DIN 335 HSS TiAlN

Product description:
The 3-cutter conical and countersink deburring tool has a new cutting geometry and TiAlN (titanium-aluminium-nitride) coating. This facilitates a greatly extended service life and faster countersinking. Particularly suitable for an automatic and fast feed rate.



Advantages:
- Faster countersinking owing to larger relief grinding that facilitates much higher feed rates
- Longer service life owing to thin cutting wedge that reduces abrasive wear
- TiAlN coating for a longer service life, higher cutting speed and chatter-free working
- Universal use
- Suitable for steel and stainless steel (blue/green colour ring)
- No movement in the drill chuck and optimal, positive-fit power transfer via TRICON shaft



Field of Application:
Universal application in steel, cast iron, stainless steel, non-ferrous and light metals. Also suitable for very hard materials up to 1400 mm² (up to HARDOX® 450). HARDOX® is a registered trademark of SSAB Oxelösund AB.

Art. No.	Spot-facer diameter	Shaft diameter	Length	Suitable for screw	Packaging unit (VPE)
0692 000 063	6.3 mm	5 mm	45.0 mm	M3	1 PCS
0692 000 083	8.3 mm	6 mm	50.0 mm	M4	1 PCS
0692 000 104	10.4 mm	6 mm	50.0 mm	M5	1 PCS
0692 000 124	12.4 mm	8 mm	56.0 mm	M6	1 PCS
0692 000 165	16.5 mm	10 mm	60.0 mm	M8	1 PCS
0692 000 205	20.5 mm	10 mm	63.0 mm	M10	1 PCS
0692 000 250	25.0 mm	10 mm	67.0 mm	M12	1 PCS
0692 000 310	31.0 mm	12 mm	71.0 mm	M16	1 PCS

ultra conical countersink set

90° DIN 335 HSS TiAlN

Product description:
ultra conical and countersink deburring tool set, in safe plastic cassette, 6-piece

Advantages:
- Faster countersinking owing to larger relief grinding that facilitates much higher feed rates
- Longer service life owing to thin cutting wedge that reduces abrasive wear
- TiAlN coating for a longer service life, higher cutting speed and chatter-free working
- Universal use
- Suitable for steel and stainless steel (blue/green colour ring)
- No movement in the drill chuck and optimal, positive-fit power transfer via TRICON shaft



Field of Application:
Universal application in steel, cast iron, stainless steel, non-ferrous and light metals. Also suitable for very hard materials up to 1400 mm² (up to HARDOX® 450). HARDOX® is an extremely hard material with high abrasion resistance. HARDOX® is a registered trademark of SSAB Oxelösund AB.

Equipping: 1 piece each Ø 6.3 mm, Ø 8.3 mm, Ø 10.4 mm, Ø 12.4 mm, Ø 16.5 mm, Ø 20.5 mm



Art. No.	Packaging unit (VPE)
0692 000 900	1 PCS

Conical countersink HSS

Conical and countersink deburring tool with 3 cutters, 90°, HSS-CBN deep-ground, DIN 335 type C, with straight shank

Advantages:
3-cutter countersinks distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties



Field of Application:
Blue ring for steel

Art. No.	Spot-facer diameter	Shaft diameter	Length	Suitable for screw	Packaging unit (VPE)
0692 390 050	5.0 mm	4 mm	40.0 mm		1 PCS
0692 390 060	6.0 mm	5 mm	45.0 mm		1 PCS
0692 390 063	6.3 mm	5 mm	45.0 mm	M3	1 PCS
0692 390 070	7.0 mm	6 mm	50.0 mm		1 PCS
0692 390 080	8.0 mm	6 mm	50.0 mm		1 PCS
0692 390 083	8.3 mm	6 mm	50.0 mm	M4	1 PCS
0692 390 100	10.0 mm	6 mm	50.0 mm		1 PCS
0692 390 104	10.4 mm	6 mm	50.0 mm	M5	1 PCS
0692 390 115	11.5 mm	8 mm	56.0 mm		1 PCS
0692 390 124	12.4 mm	8 mm	56.0 mm	M6	1 PCS
0692 390 134	13.4 mm	8 mm	56.0 mm		1 PCS

Art. No.	Spot-facer diameter	Shaft diameter	Length	Suitable for screw	Packaging unit (VPE)
0692 390 150	15.0 mm	10 mm	60.0 mm		1 PCS
0692 390 165	16.5 mm	10 mm	60.0 mm	M8	1 PCS
0692 390 190	19.0 mm	10 mm	63.0 mm		1 PCS
0692 390 205	20.5 mm	10 mm	63.0 mm	M10	1 PCS
0692 390 230	23.0 mm	10 mm	67.0 mm		1 PCS
0692 390 250	25.0 mm	10 mm	67.0 mm	M12	1 PCS
0692 390 280	28.0 mm	12 mm	71.0 mm		1 PCS
0692 390 310	31.0 mm	12 mm	71.0 mm	M16	1 PCS

Conical countersink set HSS

Conical and countersink deburring tool with 3 cutters, 90°, HSS-CBN deep-ground, DIN 335 type C, with straight shank

Product description:
Conical and countersink deburring tool set, in safe plastic cassette, 6-piece

Advantages:
3-cutter countersinks distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Field of Application:
Blue ring for steel

Equipping: 1 piece each Ø 6.3 mm, Ø 8.3 mm, Ø 10.4 mm, Ø 12.4 mm, Ø 16.5 mm, Ø 20.5 mm



Art. No.	Packaging unit (VPE)
0692 390 006	1 PCS

Conical countersink HSS with Morse taper

Conical and countersink deburring tool with 3 cutters 90°, HSS-CBN deep-ground, DIN 335 type D, with MK mount

Advantages:
3-cutter countersinks distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Field of Application:
For steel



Art. No.	Spot-facer diameter	Length	Suitable for morse taper tools	Packaging unit (VPE)
0692 590 234	34.0 mm	118.0 mm	MK 2	1 PCS
0692 590 237	37.0 mm	118.0 mm	MK 2	1 PCS
0692 590 240	40.0 mm	140.0 mm	MK 3	1 PCS
0692 590 250	50.0 mm	150.0 mm	MK 3	1 PCS

Conical countersink HSS-Co

Deep-ground, DIN 335 type C, with straight shank

Product description:
Conical and countersink deburring tool with 3 cutters 90°, HSS-Co, DIN 335



Advantages:
3-cutter countersinks exhibit the following properties
- High proportion of cobalt ensures rapid heat dissipation and is therefore ideal for stainless steel.
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Field of Application:
Green ring for stainless steel

Art. No.	Spot-facer diameter	Shaft diameter	Length	Suitable for screw	Packaging unit (VPE)
0692 900 063	6.3 mm	5 mm	45.0 mm	M3	1 PCS
0692 900 083	8.3 mm	6 mm	50.0 mm	M4	1 PCS
0692 900 104	10.4 mm	6 mm	50.0 mm	M5	1 PCS
0692 900 124	12.4 mm	8 mm	56.0 mm	M6	1 PCS
0692 900 165	16.5 mm	10 mm	60.0 mm	M8	1 PCS
0692 900 205	20.5 mm	10 mm	63.0 mm	M10	1 PCS
0692 900 250	25.0 mm	10 mm	67.0 mm	M12	1 PCS
0692 900 310	31.0 mm	12 mm	71.0 mm	M16	1 PCS

Conical countersink set HSS-Co

Deep-ground, DIN 335 type C, with straight shank

Product description:
Conical and countersink deburring tool set, in safe plastic cassette, 6-piece



Advantages:
3-cutter countersinks exhibit the following properties
- High proportion of cobalt ensures rapid heat dissipation and is therefore ideal for stainless steel.
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Field of Application:
Green ring for stainless steel

Equipping: Contents: 1 piece each Ø 6.3 mm, Ø 8.3 mm Ø 10.4 mm, Ø 12.4 mm, Ø 16.5 mm, Ø 20.5 mm

Art. No.	Packaging unit (VPE)
0692 900 900	1 PCS

Countersink bits 1/4“ with 3 cutters 90°, HSS

Advantages:
- Bit mount for fast tool change
- For countersinking, chamfering and deburring in steel, non-ferrous metals, plastics and wood
- Optimal results with low cutting speed



Art. No.	Spot-facer diameter	Length	Suitable for screw	Packaging unit (VPE)
0692 314 063	6.3 mm	31.0 mm	M3	1 PCS
0692 314 083	8.3 mm	31.0 mm	M4	1 PCS
0692 314 104	10.4 mm	34.0 mm	M5	1 PCS
0692 314 124	12.4 mm	35.0 mm	M6	1 PCS
0692 314 165	16.5 mm	40.0 mm	M8	1 PCS
0692 314 205	20.5 mm	41.0 mm	M10	1 PCS

Countersink bits 1/4“ with 3 cutters 90°, HSS - set

Product description:
Countersink bits set 1/4“, in sheet steel cassette, 6-piece

Advantages:
- Bit mount for fast tool change
- For countersinking, chamfering and deburring in steel, non-ferrous metals, plastics and wood
- Optimal results with low cutting speed

Equipping: Contents: 1 piece each Ø 6.3 mm; Ø 8.3 mm; Ø 10.4 mm; Ø 12.4 mm; Ø 16.5 mm; Ø 20.5 mm



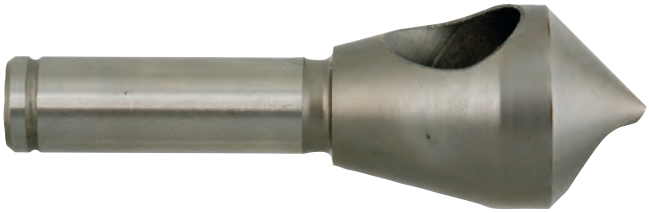
Art. No.	Packaging unit (VPE)
0692 314 006	1 PCS

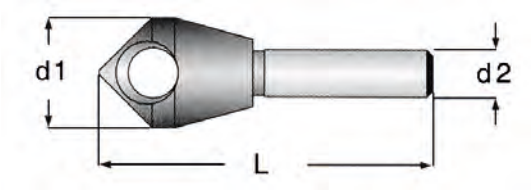
Countersink deburring tool with cross-hole 90° HSS-Co

Conical and countersink deburring tool with cross-hole 90°, HSS-CO deep-ground, with straight shank

Advantages:
Cross-hole countersinks are distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Application area:
The ideal tool for all countersinking and deburring work. Whether for the electronics industry, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing, steel piping construction or woodworking.





Art. No.	Min./max. spot-facer diameter	Shaft diameter	Head diameter	Length	Packaging unit (VPE)
0692 190 05	2-5 mm	6 mm	10 mm	45.0 mm	1 PCS
0692 190 10	5-10 mm	8 mm	14 mm	48.0 mm	1 PCS
0692 190 15	10-15 mm	10 mm	21 mm	65.0 mm	1 PCS
0692 190 20	15-20 mm	12 mm	28 mm	85.0 mm	1 PCS

Countersink deburring tool with cross-hole 90° HSS-Co, set

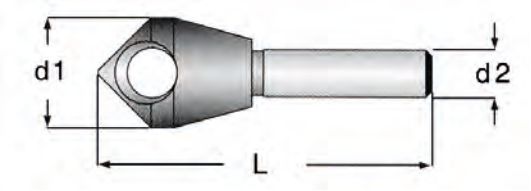
Conical and countersink deburring tool with cross-hole 90°, HSS-CO deep-ground, with straight shank

Advantages:
Cross-hole countersinks are distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Application area:
The ideal tool for all countersinking and deburring work. Whether for the electronics industry, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing, steel piping construction or woodworking.

Composition of set: Contents: 1 piece each Ø 2–5 mm, Ø 5–10 mm, Ø 10–15 mm, Ø 15–20 mm





Art. No.	Packaging unit (VPE)
0692 190	1 PCS

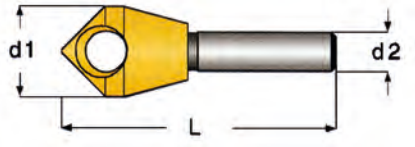
Countersink deburring tool with cross-hole 90°

HSS-CO-TiN-coated, with straight shank

Advantages:
Cross-hole countersinks are distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Application area:
The ideal tool for all countersinking and deburring work. Whether for the electronics industry, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing, steel piping construction or woodworking.





Art. No.	Head diameter	Min./max. spot-facer diameter	Shaft diameter	Length	Packaging unit (VPE)
0692 290 05	10 mm	2-5 mm	6 mm	45.0 mm	1 PCS
0692 290 10	14 mm	5-10 mm	8 mm	48.0 mm	1 PCS
0692 290 15	21 mm	10-15 mm	10 mm	65.0 mm	1 PCS
0692 290 20	28 mm	15-20 mm	12 mm	85.0 mm	1 PCS

Countersink deburring tool with cross-hole 90°, set

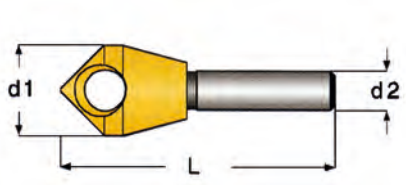
HSS-CO-TiN-coated, with straight shank

Advantages:
Cross-hole countersinks are distinguished by:
- Excellent chip removal
- Chatter-free working
- Groove-free surface
- Optimal centring properties

Application area:
The ideal tool for all countersinking and deburring work. Whether for the electronics industry, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing, steel piping construction or woodworking.

Composition of set: Contents: 1 piece each Ø 2–5 mm, Ø 5–10 mm, Ø 10–15 mm, Ø 15–20 mm





Art. No.	Packaging unit (VPE)
0692 290	1 PCS

HSS sheet metal conical drill bit

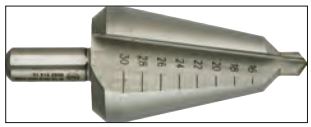
HSS-CBN deep-ground, with straight shank with laser scaling (DBGM)

Product description:
The ideal universal tool with a wide range of application. Whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering or switch cabinet manufacturing. The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, thermoplastics and thermosetting plastics, wood and all common steel sheeting up to a thickness of 4 mm. This tool can be used to centre, spot drill and rebore sheet metal in one process. Good lubrication of the tool is essential. All sheet metal conical drill bits are labelled with a laser scale (DBGM) enabling the hole diameter of each to be read off.



Art. No.	Size	Min./max. drill diameter	Length	Shaft diameter	Packaging unit (VPE)
0692 811 314	1	3.0-14.0 mm	58.0 mm	6.0 mm	1 PCS
0692 812 820	2	5.0-20.0 mm	71.0 mm	8.0 mm	1 PCS
0692 814 16	3	16.0-30.5 mm	76.0 mm	9.0 mm	1 PCS
0692 815 26	4	26.0-40.0 mm	89.0 mm	10.0 mm	1 PCS
0692 816 36	5	36.0-50.0 mm	97.0 mm	12.0 mm	1 PCS
0692 813 430	8	5.0-31.0 mm	115.0 mm	9.0 mm	1 PCS





Sheet metal conical drill bit set

HSS-CBN deep-ground, with straight shank with laser scaling (DBGM)

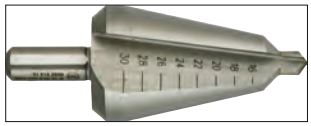
Product description:
The ideal universal tool with a wide range of application. Whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering or switch cabinet manufacturing. The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, thermoplastics and thermosetting plastics, wood and all common steel sheeting up to a thickness of 4 mm. This tool can be used to centre, spot drill and rebore sheet metal in one process. Good lubrication of the tool is essential. All sheet metal conical drill bits are labelled with a laser scale (DBGM) enabling the hole diameter of each to be read off.

Composition of set: 1 piece each size 1 (3–14 mm), size 2 (5–20 mm), size 3 (16–30.5 mm)



Art. No.	Packaging unit (VPE)
0692 810	1 PCS





Sheet metal conical drill bit HSS-TiN

Sheet metal conical drill bit HSS-TIN-coated, with straight shank with laser scaling (DBGM)

Product description:
The ideal universal tool with a wide range of application. Whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering or switch cabinet manufacturing. The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, thermoplastics and thermosetting plastics, wood and all common steel sheeting up to a thickness of 4 mm. This tool can be used to centre, spot drill and rebore sheet metal in one process. Good lubrication of the tool is essential. All sheet metal conical drill bits are labelled with a laser scale (DBGM) enabling the hole diameter of each to be read off.



Art. No.	Size	Min./max. drill diameter	Length	Shaft diameter	Packaging unit (VPE)
0692 821 314	1	3.0-14.0 mm	58.0 mm	6.0 mm	1 PCS
0692 822 820	2	5.0-20.0 mm	71.0 mm	8.0 mm	1 PCS
0692 824 16	3	16.0-30.5 mm	76.0 mm	9.0 mm	1 PCS
0692 825 26	4	24.0-40.0 mm	89.0 mm	10.0 mm	1 PCS

Art. No.	Size	Min./max. drill diameter	Length	Shaft diameter	Packaging unit (VPE)
0692 826 36	5	36.0-50.0 mm	97.0 mm	12.0 mm	1 PCS
0692 823 430	8	5.0-31.0 mm	115.0 mm	9.0 mm	1 PCS





Sheet metal conical drill bit set HSS TiN

Sheet metal conical drill bit set, 3-part, HSS-TIN-coated in sheet steel cassette

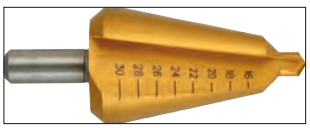
Product description:
The ideal universal tool with a wide range of application. Whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering or switch cabinet manufacturing. The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, thermoplastics and thermosetting plastics, wood and all common steel sheeting up to a thickness of 4 mm. This tool can be used to centre, spot drill and rebore sheet metal in one process. Good lubrication of the tool is essential. All sheet metal conical drill bits are labelled with a laser scale (DBGM) enabling the hole diameter of each to be read off.

Equipping: 1 piece each size 1 3–14 mm, size 2 5–20 mm, size 3 16–30.5 mm



Art. No.	Packaging unit (VPE)
0692 820	1 PCS





Stepped drill bit HSS

HSS-CBN deep-ground, with straight shank with laser scaling (DBGM)

Product description:
The ideal tool for sheet metal working. This tool can be used to centre, spot drill, rebore and deburr sheet metal in one process. Indispensable tool, whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing or container and instrument construction.
The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, plastics, Plexiglas, various types of wood and all common steel sheeting up to a thickness of 4 mm. All stepped drill bits are labelled with a laser scale, enabling the hole diameter of each to be read off.



Field of Application:
Stepped drill bit 0692 714 721, size 4 for PG 7 - 21; Stepped drill bit 0692 715 936, size 9 for PG 7 - 29; Stepped drill bit 0692 716 732, size 14 for M6 - M32; Stepped drill bit 0692 716 740, size 17 for M 6 - M 40





Art. No.	Size	Min./max. drill diameter	Pitch	Shaft diameter	Length	Packaging unit (VPE)
0692 712 420	1	4-20 mm	2 mm	8.0 mm	75.0 mm	1 PCS
0692 713 630	2	4-30 mm	2 mm	10.0 mm	100.0 mm	1 PCS
0692 714 721	4	6-26.75 mm		10.0 mm	75.0 mm	1 PCS
0692 711 412	09	4-12 mm	1 mm	6.0 mm	65.0 mm	1 PCS
0692 715 936	9	6-37 mm	3 mm	10.0 mm	100.0 mm	1 PCS
0692 716 732	14	5.3-30.5 mm		10.0 mm	79.0 mm	1 PCS
0692 716 740	17	6.5-40.5 mm		10.0 mm	96.0 mm	1 PCS

Stepped drill bit HSS

HSS-CBN deep-ground, with straight shank with laser scaling (DBGM)

Product description:
The ideal tool for sheet metal working. This tool can be used to centre, spot drill, rebore and deburr sheet metal in one process. Indispensable tool, whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing or container and instrument construction.
The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, plastics, Plexiglas, various types of wood and all common steel sheeting up to a thickness of 4 mm. All stepped drill bits are labelled with a laser scale, enabling the hole diameter of each to be read off.

Equipping: 1 piece each: Ø 4–12 mm, 1 mm ascending, 9 steps, size 09; Ø 4–20 mm, 2 mm ascending, 9 steps, size 1; Ø 4–30 mm, 2 mm ascending, 14 steps, size 2







Art. No.	Packaging unit (VPE)
0692 710	1 PCS

Stepped drill bit HSS-TiN

HSS-TIN coated, with straight shank, with laser scaling (DBGM)

Product description:
The ideal tool for sheet metal working. This tool can be used to centre, spot drill, rebore and deburr sheet metal in one process. Indispensable tool, whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing or container and instrument construction.
The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, plastics, Plexiglas, various types of wood and all common steel sheeting up to a thickness of 4 mm. All stepped drill bits are labelled with a laser scale, enabling the hole diameter of each to be read off.



Field of Application:
Stepped drill bit 0692 725 936, size 9 for PG 7–29; Stepped drill bit 0692 726 732, size 14 for M6–M32; stepped drill bit 0692 726 740, size 17 for M6–M40





Stepped drill bit HSS-TiN set

Stepped drill bit set, 3-part, in sheet steel cassette

Product description:
The ideal tool for sheet metal working. This tool can be used to centre, spot drill, rebore and deburr sheet metal in one process. Indispensable tool, whether for the electrical trade, plumbing and heating systems, automotive workshops, mechanical engineering, switch cabinet manufacturing or container and instrument construction.
The robust tool is suitable for all common materials, such as non-ferrous metals, stainless steel sheeting, plastics, Plexiglas, various types of wood and all common steel sheeting up to a thickness of 4 mm. All stepped drill bits are labelled with a laser scale, enabling the hole diameter of each to be read off.







Counterbore DIN 373, HSS

Product description:
Counterbore for through hole



Art. No.	Suitable for screw thread	Diameter	Shaft diameter	Length	Packaging unit (VPE)
0692 610 30	M3	6.0 mm	5 mm	71.0 mm	1 PCS
0692 610 40	M4	8.0 mm	5 mm	71.0 mm	1 PCS
0692 610 50	M5	10.0 mm	8 mm	80.0 mm	1 PCS
0692 610 60	M6	11.0 mm	8 mm	80.0 mm	1 PCS
0692 610 80	M8	15.0 mm	12.5 mm	100.0 mm	1 PCS
0692 610 100	M10	18.0 mm	12.5 mm	100.0 mm	1 PCS
0692 610 120	M12	20.0 mm	12.5 mm	100.0 mm	1 PCS

Counterbore set HSS

Counterbore DIN 373 in metal box, 6-part

Product description:
Counterbore for through hole with straight shank DIN 373

Type description: Flat counterbore set
Equipping: 1 piece in each of sizes M3 M4 M5 M6 M8 M10



Art. No.	Packaging unit (VPE)
0692 610	1 PCS

ultra machine tap, through hole

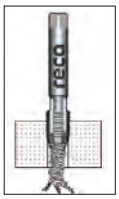
Blue ring, HSS-Co, type B

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Special groove geometry for low-friction chip removal
- Designed for long-chipping materials



Coating/surface
- TiN (titanium nitride) coating to prevent the formation of built-up edges, reduces material adhesion
- Smoother surface in the groove and in the thread profile thanks to the coating
- Torque reduced by surface smoothing

Recommended use
- Cutting speed vc = 10–20 m/min
- Use of cooling emulsion 6–8%, alternatively oil cooling

Applications
- Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron

Application area:
Through hole for steel

Field of Application:
Screw tap for metric ISO thread DIN 13

Advice:
Up to M 10 DIN 371 (reinforced shaft)/from M 12 DIN 376 (with thin shaft)

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0644 100 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0644 100 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0644 100 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0644 100 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0644 100 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0644 100 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0644 110 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS
0644 110 140	M14	12.0 mm	2 mm	110.0 mm	11.0 mm	9.0 mm	1 PCS
0644 110 160	M16	14.0 mm	2 mm	110.0 mm	12.0 mm	9.0 mm	1 PCS
0644 110 200	M20	17.5 mm	2.5 mm	140.0 mm	16.0 mm	12.0 mm	1 PCS



ultra machine tap, blind hole

Blue ring, HSS-Co, type C

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Special groove geometry for low-friction chip removal
- Designed for long-chipping materials



Coating/surface
- TiN (titanium nitride) coating to prevent formation of built-up edges, inhibits adhesion of material
- Coating ensures a smoother surface in the groove and in the thread profile
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 10–20 m/min
- Use of cooling emulsion 6–8%, oil cooling alternative

Field of use
- Steels up to 1000 N/mm²; construction and case-hardened steels
- Spheroidal cast iron, black malleable iron

Application area:
Blind hole for steel

Field of Application:
Screw tap for metric ISO thread DIN 13

Advice:
Up to M 10 DIN 371 (reinforced shaft)/from M 12 DIN 376 (with thin shaft)

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0644 500 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0644 500 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0644 500 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0644 500 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0644 500 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0644 500 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0644 510 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS
0644 510 140	M14	12.0 mm	2 mm	110.0 mm	11.0 mm	9.0 mm	1 PCS
0644 510 160	M16	14.0 mm	2 mm	110.0 mm	12.0 mm	9.0 mm	1 PCS
0644 510 200	M20	17.5 mm	2.5 mm	140.0 mm	16.0 mm	12.0 mm	1 PCS



ultra machine tap, through hole

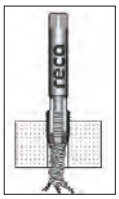
Green ring, HSS-Co, type B

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Groove geometry with enhanced relief grinding for tough materials
- Conical course of threaded section inhibits jamming in workpiece



Coating/surface
- Particularly hard TiCN (titanium carbo-nitride) coating for additional protection of cutting edge
- Coating ensures a smoother surface in the groove and in the thread profile
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 6–12 m/min
- Use of cooling emulsion 6–8%, oil cooling alternative

Field of use
- Heat-treatable steels, chemically resistant steels, high-alloy steels, Ni alloys

Application area:
Through hole for stainless steel

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0643 100 030	M3-M12	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0643 100 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0643 100 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0643 100 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0643 100 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0643 100 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0643 110 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS
0643 110 140	M14	12.0 mm	2 mm	110.0 mm	11.0 mm	9.0 mm	1 PCS
0643 110 160	M16	14.0 mm	2 mm	110.0 mm	12.0 mm	9.0 mm	1 PCS
0643 110 200	M20	17.5 mm	2.5 mm	140.0 mm	16.0 mm	12.0 mm	1 PCS



ultra machine tap, blind hole

Green ring, HSS-Co, type C

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Groove geometry with enhanced relief grinding for tough materials
- Conical course of threaded section inhibits jamming in workpiece



Coating/surface
- Particularly hard TiCN (titanium carbo-nitride) coating for additional protection of cutting edge
- Coating ensures a smoother surface in the groove and in the thread profile
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 6–12 m/min
- Use of cooling emulsion 6–8%, oil cooling alternative

Field of use
- Heat-treatable steels, chemically resistant steels, high-alloy steels, Ni alloys

Application area:
Blind hole for stainless steel

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0643 500 030	M3-M12	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0643 500 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0643 500 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0643 500 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0643 500 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0643 500 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0643 510 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS
0643 510 140	M14	12.0 mm	2 mm	110.0 mm	11.0 mm	9.0 mm	1 PCS
0643 510 160	M16	14.0 mm	2 mm	110.0 mm	12.0 mm	9.0 mm	1 PCS
0643 510 200	M20	17.5 mm	2.5 mm	140.0 mm	16.0 mm	12.0 mm	1 PCS



ultra machine tap, through hole

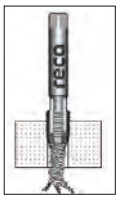
Yellow ring, HSS-Co, type B

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Maximum relief grinding for soft and long-chipping materials
- Particularly high spirals (45°) in blind hole applications for optimal chip transfer



Coating/surface
- Optimal CrN* (chromium-nitride) coating tailored to metal cutting of non-ferrous metals
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 20–40 m/min
- Use of cooling emulsion 6–8%

Field of use
- Copper alloys
- Aluminium alloys
- Thermoplastics

Application area:
Through hole for aluminium

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0645 100 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0645 100 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0645 100 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0645 100 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0645 100 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0645 100 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0645 110 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS



ultra machine tap, blind hole

Yellow ring, HSS-Co, type C

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Maximum relief grinding for soft and long-chipping materials
- Particularly high spirals (45°) in blind hole applications for optimal chip transfer



Coating/surface
- Optimal CrN* (chromium-nitride) coating tailored to metal cutting of non-ferrous metals
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 20–40 m/min
- Use of cooling emulsion 6–8%

Field of use
- Copper alloys
- Aluminium alloys
- Thermoplastics

Application area:
Blind hole for aluminium

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0645 500 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0645 500 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0645 500 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0645 500 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0645 500 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0645 500 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0645 510 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS



ultra machine tap, through hole

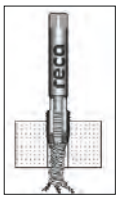
Red ring, HSS-Co, type B

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Special groove and cutting geometry for materials that are difficult to machine
- Smooth tool surface for low-friction chip removal



Coating/surface
- Particularly hard TiCN* (titanium carbo-nitride) coating for additional protection of cutting edge
- Coating ensures a smoother surface in the groove and in the thread profile
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 8–12 m/min
- Use of cooling emulsion 6–8%, oil cooling alternative

Field of use
- Heat-treatable steels up to 1200 N/mm², titanium alloys, heat-resistant steels, nitrided steel, reinforced plastics

Application area:
Through hole for tool steels up to 1,200 N/mm²

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0646 100 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0646 100 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0646 100 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0646 100 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0646 100 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0646 100 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0646 110 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS



ultra machine tap, blind hole

Red ring, HSS-Co, type C

Product description:
Prime quality for application in series production. Ultra-modern manufacturing technology for maximum productivity.



Advantages:

Geometry
- Special groove and cutting geometry for materials that are difficult to machine
- Smooth tool surface for low-friction chip removal



Coating/surface
- Particularly hard TiCN* (titanium carbo-nitride) coating for additional protection of cutting edge
- Coating ensures a smoother surface in the groove and in the thread profile
- Surface smoothing ensures reduced torque

Recommended applications
- Cutting speed up to vc = 8–12 m/min
- Use of cooling emulsion 6–8%, oil cooling alternative

Field of use
- Heat-treatable steels up to 1200 N/mm², titanium alloys, heat-resistant steels, nitrided steel, reinforced plastics

Application area:
Blind hole for tool steels up to 1,200 N/mm²

Advice:
Up to M 10 DIN 371/from M 12 DIN 376

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0646 500 030	M3	2.5 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0646 500 040	M4	3.3 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0646 500 050	M5	4.2 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0646 500 060	M6	5.0 mm	1 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0646 500 080	M8	6.8 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0646 500 100	M10	8.5 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS
0646 510 120	M12	10.2 mm	1.75 mm	110.0 mm	9.0 mm	7.0 mm	1 PCS
0646 510 160	M16	14.0 mm	2.0 mm	110.0 mm	11.0 mm	9.0 mm	1 PCS



Machine tap set, blue ring DIN 371/376 HSS-Co

Blue ring for steel

Product description:
Machine tap + twist drill in robust plastic safe box



Art. No.	Equipping	Packaging unit (VPE)
0624 020 312	Twist drill HSS (0624) Ø 2.5/3.3/4.2/5.0/6.8/8.5/10.2 blind hole, classic machine tap, blue ring HSS-Co M 3 to M 12 (DIN 371/376)	1 PCS
0624 010 312	Twist drill HSS (0624) Ø 2.5/3.3/4.2/5.0/6.8/8.5/10.2 through hole, classic machine tap, blue ring HSS-Co M 3 to M 12 (DIN 371/376)	1 PCS

Machine tap, green ring, DIN 371/376, HSS-Co

Green ring for stainless steel

Product description:
Machine tap + twist drill in robust plastic safe box



Art. No.	Equipping	Packaging unit (VPE)
0626 020 312	Twist drill HSS-Co (0626) Ø 2.5/3.3/4.2/5.0/6.8/8.5/10.2 blind hole, classic machine tap, green ring HSS-Co M 3 to M 12 (DIN 371/376)	1 PCS
0626 010 312	Twist drill HSS-Co (0626) Ø 2.5/3.3/4.2/5.0/6.8/8.5/10.2 through hole, classic machine tap, green ring HSS-Co M 3 to M 12 (DIN 371/376)	1 PCS

Universal holder for combination drill

with 1/4" nominal dimension

Length: 60.0 mm



Art. No.	Packaging unit (VPE)
0641 9	1 PCS

Combination drill, HSS, TiN-coated

3 tools = 1 operation; the combination drill is a top quality precision tool. The tool facilitates extremely efficient working and produces absolutely true-to-gauge threads.



Advantages:
3 tools = 1 process
Drilling, thread cutting and countersinking. These three processes are now covered by a single tool. This frees up space in your tool bag for the two additional tools that you would otherwise need. This combined solution is ideal for assembly, in particular when it comes to repairing defective threads.

Application area:

- Use only clockwise and anti-clockwise hand-held drills;
- Battery must be fully charged on cordless drill, support adapter must be used that allows play and thus reduces risk of breakage;
- Tool must be able to oscillate, self-centring; when drilling core holes, appropriate pressure must be applied; push only briefly when deburring; reattach during reverse motion (anticlockwise); changes to centrifugal force properties of machine, do not twist during forward/reverse motion; machine axis must correspond to tool axis
- Material strength must not exceed 600 N/mm^2;
- Material thickness must not exceed thread nominal diameter (e.g. M 6 max. 6 mm material thickness);
-
- reca combination drills are suitable for:

Structural steel, CrNi steel, non-ferrous metal, plastic

Advice:
1/4" drive, operate only in conjunction with support adapter article no. 0641 9

Bit holder: 1/4 inch hexagon

Art. No.	Size	Pitch	Drill diameter	Length	Packaging unit (VPE)
0641 3	M3	0.5 mm	2.5 mm	36.0 mm	1 PCS
0641 4	M4	0.7 mm	3.3 mm	39.0 mm	1 PCS
0641 5	M5	0.8 mm	4.2 mm	41.0 mm	1 PCS
0641 6	M6	1 mm	5.0 mm	44.0 mm	1 PCS
0641 8	M8	1.25 mm	6.8 mm	50.0 mm	1 PCS
0641 10	M10	1.5 mm	8.5 mm	59.0 mm	1 PCS

Combination drill, HSS, TiN-coated, 7-part set

3 tools = 1 operation; the combination drill is a top quality precision tool. The tool facilitates extremely efficient working and produces absolutely true-to-gauge threads.

Advantages:
3 tools = 1 process
Drilling, thread cutting and countersinking. These three processes are now covered by a single tool. This frees up space in your tool bag for the two additional tools that you would otherwise need. This combined solution is ideal for assembly, in particular when it comes to repairing defective threads.



Application area:

- Use only clockwise and anti-clockwise hand-held drills;
- Battery must be fully charged on cordless drill, support adapter must be used that allows play and thus reduces risk of breakage;
- Tool must be able to oscillate, self-centring; when drilling core holes, appropriate pressure must be applied; push only briefly when deburring; reattach during reverse motion (anticlockwise); changes to centrifugal force properties of machine, do not twist during forward/reverse motion; machine axis must correspond to tool axis
- Material strength must not exceed 600 N/mm^2;
- Material thickness must not exceed thread nominal diameter (e.g. M 6 max. 6 mm material thickness);
-
- reca combination drills are suitable for:

Structural steel, CrNi steel, non-ferrous metal, plastic

Advice:
1/4" drive, operate only in conjunction with support adapter article no. 0641 9

Equipping: M 3–M 10 including support adapter 0641 9
Bit holder: 1/4 inch hexagon

Art. No.	Packaging unit (VPE)
0641 001	1 PCS

Machine tap, empty cassette



Art. No.	Content remark	Packaging unit (VPE)
0633 004 312	Empty cassette for machine tap DIN 371/376 and twist drill	1 PCS

Art. No.	Content remark	Packaging unit (VPE)
0646 02	Empty cassette made of plastic for machine tap DIN 376 with thin shank and corresponding twist drill	1 PCS

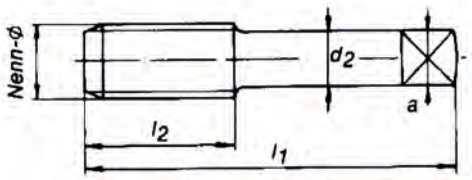
Hand tap set, DIN 352, HSS

Product description:
Hand tap sets DIN 352 HSS for ISO standard metric thread according to DIN 13







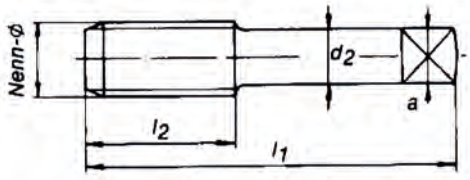


Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0639 3	M3	0.5 mm	40.0 mm	3.5 mm	2.7 mm	1 PCS
0639 4	M4	0.7 mm	45.0 mm	4.5 mm	3.4 mm	1 PCS
0639 5	M5	0.8 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0639 6	M6	1 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0639 8	M8	1.25 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0639 10	M10	1.5 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0639 12	M12	1.75 mm	75.0 mm	9.0 mm	7 mm	1 PCS
0639 14	M14	2 mm	80.0 mm	11.0 mm	9 mm	1 PCS
0639 16	M16	2 mm	80.0 mm	12.0 mm	9 mm	1 PCS
0639 18	M18	2.5 mm	95.0 mm	14.0 mm	11 mm	1 PCS
0639 20	M20	2.5 mm	95.0 mm	16.0 mm	12 mm	1 PCS

Hand tap, DIN 352, HSS taper tap

Product description:
Hand tap DIN 352 HSS for ISO standard metric thread according to DIN 13



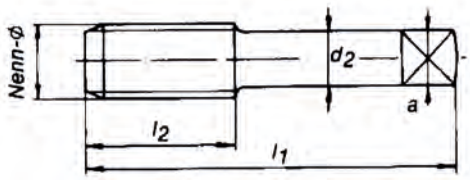


Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0640 1 3	M3	0.5 mm	40.0 mm	3.5 mm	2.7 mm	1 PCS
0640 1 4	M4	0.7 mm	45.0 mm	4.5 mm	3.4 mm	1 PCS
0640 1 5	M5	0.8 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 1 6	M6	1 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 1 8	M8	1.25 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0640 1 10	M10	1.5 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0640 1 12	M12	1.75 mm	75.0 mm	9.0 mm	7 mm	1 PCS
0640 1 14	M14	2 mm	80.0 mm	11.0 mm	9 mm	1 PCS
0640 1 16	M16	2 mm	80.0 mm	12.0 mm	9 mm	1 PCS

Hand tap, DIN 352, HSS second tap

Product description:
Hand tap DIN 352 HSS for ISO standard metric thread according to DIN 13



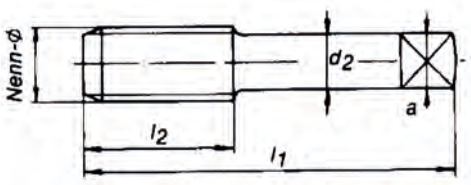


Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0640 2 3	M3-M12	0.5 mm	40.0 mm	3.5 mm	2.7 mm	1 PCS
0640 2 4	M4	0.7 mm	45.0 mm	4.5 mm	3.4 mm	1 PCS
0640 2 5	M5	0.8 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 2 6	M6	1 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 2 8	M8	1.25 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0640 2 10	M10	1.5 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0640 2 12	M12	1.75 mm	75.0 mm	9.0 mm	7 mm	1 PCS
0640 2 14	M14	2 mm	80.0 mm	11.0 mm	9 mm	1 PCS
0640 2 16	M16	2 mm	80.0 mm	12.0 mm	9 mm	1 PCS

Hand tap, DIN 352, HSS third tap (plug)

Product description:
Hand tap DIN 352 HSS for ISO standard metric thread according to DIN 13





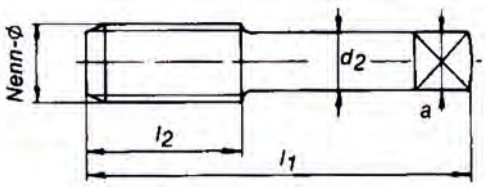
Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0640 3 3	M3	0.5 mm	40.0 mm	3.5 mm	2.7 mm	1 PCS
0640 3 4	M4	0.7 mm	45.0 mm	4.5 mm	3.4 mm	1 PCS
0640 3 5	M5	0.8 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 3 6	M6	1 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0640 3 8	M8	1.25 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0640 3 10	M10	1.5 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0640 3 12	M12	1.75 mm	75.0 mm	9.0 mm	7 mm	1 PCS
0640 3 14	M14	2 mm	80.0 mm	11.0 mm	9 mm	1 PCS
0640 3 16	M16	2 mm	80.0 mm	12.0 mm	9 mm	1 PCS

Hand tap, DIN 2181, HSS

Taper tap, fine thread

Product description:
Hand tap DIN 2181 HSS for ISO standard metric thread according to DIN 13, fine thread



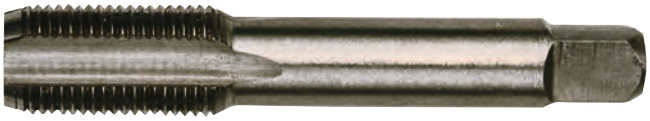


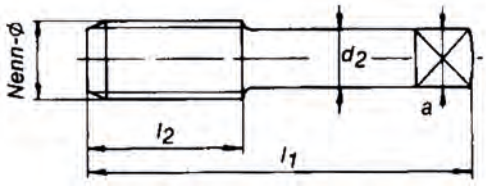
Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0642 16 075	M6	0.75 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0642 18 075	M8	0.75 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0642 18 1	M8	1 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0642 110 1	M10	1 mm	63.0 mm	7.0 mm	5.5 mm	1 PCS
0642 110 125	M10	1.25 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0642 112 1	M12	1 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 112 125	M12	1.25 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 112 15	M12	1.5 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 114 125	M14	1.25 mm	70.0 mm	11.0 mm	9 mm	1 PCS
0642 114 15	M14	1.5 mm	70.0 mm	11.0 mm	9 mm	1 PCS
0642 116 15	M16	1.5 mm	70.0 mm	12.0 mm	9 mm	1 PCS

Hand tap, DIN 2181, HSS

Third tap for fine thread

Product description:
Hand tap DIN 2181 HSS for ISO standard metric thread according to DIN 13, fine thread





Art. No.	Size	Pitch	Length	Shaft diameter	Size of square	Packaging unit (VPE)
0642 36 075	M6	0.75 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0642 38 075	M8	0.75 mm	50.0 mm	6.0 mm	4.9 mm	1 PCS
0642 38 1	M8	1 mm	56.0 mm	6.0 mm	4.9 mm	1 PCS
0642 310 1	M10	1 mm	63.0 mm	7.0 mm	5.5 mm	1 PCS
0642 310 125	M10	1.25 mm	70.0 mm	7.0 mm	5.5 mm	1 PCS
0642 312 1	M12	1 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 312 125	M12	1.25 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 312 15	M12	1.5 mm	70.0 mm	9.0 mm	7 mm	1 PCS
0642 314 125	M14	1.25 mm	70.0 mm	11.0 mm	9 mm	1 PCS
0642 314 15	M14	1.5 mm	70.0 mm	11.0 mm	9 mm	1 PCS
0642 316 15	M16	1.5 mm	70.0 mm	12.0 mm	9 mm	1 PCS

Tap wrench, DIN 1814, adjustable

Product description:
Adjustable tap wrench DIN 1814 for holding screw taps



Art. No.	Size	Length	Suitable for	Packaging unit (VPE)
0657 0	0	125.0 mm	Screw tap M1 - M10 square 2.1 - 5.5 mm	1 PCS
0657 1	1	180.0 mm	Screw tap M1 - M10 square 2.1 - 5.5 mm	1 PCS
0657 15	1.5	200.0 mm	Screw tap M1 - M12 square 2.5 - 8.0 mm	1 PCS
0657 2	2	280.0 mm	Screw tap M4 - M12 square 3.4 - 7 mm	1 PCS
0657 3	3	375.0 mm	Screw tap M5 - M20 square 4.9 - 12 mm	1 PCS
0657 4	4	500.0 mm	Screw tap M9 - M27 square 5.5 - 16 mm	1 PCS
0657 5	5	750.0 mm	Screw tap M12 - 33 square 7 - 20 mm	1 PCS

Thread cutting tool, HSS



Art. No.	Size	Composition of set	Packaging unit (VPE)
0639 000 312	M3-M12	1 core hole drill set HSS DIN 388 M 3–M 12 Ø 2.5/3.3/4.2/5.0/6.8/8.5/10.2 1 hand tap set, taper, second and third tap, M 3, 4, 5, 6, 8, 10, 12 Threading dies, 1 each of M 3, 4, 5, 6, 8, 10, 12 Tap wrenches, 1 each of no. 1 and no. 2 Threading die holders, 1 each of 20 x 5, 20 x 7, 25 x 9, 30 x 11, 38 x 14 1 screwdriver 4.5 mm 1 screw pitch gauge, metric	1 PCS
0639 000 320	M3-M20	Hand tap, 1 set each: M 3–M 20 taper, second and third tap, M 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20 Threading dies, 1 each of M 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20 Tap wrenches, 1 each of no. 1 and no. 3 Threading die holders, 1 each of 20 x 5, 20 x 7, 25 x 9, 30 x 11, 38 x 14, 45 x 18 1 screwdriver 4.5 mm 1 screw pitch gauge, metric	1 PCS

Tool holder with ratchet design

Product description:
Tool holder with ratchet for right and left-handed threads, 2 jaws, for tensioning square shafts. Short or long version.



Art. No.	Size	Length	Suitable for	Version	Packaging unit (VPE)
0656 001 310	1	85.0 mm	Screw tap M3 - M8 square drive 2.4 -5.5 mm	Short	1 PCS

Art. No.	Size	Length	Suitable for	Version	Packaging unit (VPE)
0656 001 512	2	100.0 mm	Screw tap M5 - M12 square drive 4.5 -8 mm	Short	1 PCS
0656 002 310	10	250.0 mm	Screw tap M3 - M8 square drive 2.4 -5.5 mm	Long	1 PCS
0656 002 512	20	300.0 mm	Screw tap M5 - M12 square drive 4.5 -8 mm	Long	1 PCS

Extension, square holder

Product description:
Extensions DIN 377 hardened and ground, with square for screw tap and other tools with square drive.



Art. No.	Square width	Length	Type	Packaging unit (VPE)
0658 34	3.4 mm	95.0 mm	For screw tap M 4	1 PCS
0658 49	4.9 mm	110.0 mm	For screw tap M 5–M 8	1 PCS
0658 55	5.5 mm	115.0 mm	For screw tap M 9–M 10	1 PCS
0658 7	7 mm	125.0 mm	For screw tap M 12	1 PCS
0658 9	9 mm	130.0 mm	For screw tap M 14–M 16	1 PCS

Hand tap set, DIN 352, HSS

Product description:
In sturdy plastic cassette

Size: M3-M12



Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0639 01	Manual screw taps 1 each of M 3, 4, 5, 6, 8, 10, 12	21	1 PCS
0639 02	Manual screw taps 1 each of M 3, 4, 5, 6, 8, 10, 12 ISO 529 + 7 core drill (2.5/3.3/4.2/5/6.8/8.5/10.2)	28	1 PCS

Replacement jaws for tool holder

Product description:
Replacement jaws for tool holder



Art. No.	Composition of set	Packaging unit (VPE)
0656 001	1/10 replacement jaws per pair	1 PCS
0656 002	2/20 replacement jaws per pair	1 PCS

Die, DIN 223, HSS

Metric

Product description:
With spiral point for steel

Field of Application:
For ISO standard metric thread according to DIN 13



Art. No.	Size	Pitch	Diameter	Height	Packaging unit (VPE)
0652 3	M3	0.5 mm	20.0 mm	5.0 mm	1 PCS
0652 4	M4	0.7 mm	20.0 mm	5.0 mm	1 PCS
0652 5	M5	0.8 mm	20.0 mm	7.0 mm	1 PCS
0652 6	M6	1 mm	20.0 mm	7.0 mm	1 PCS
0652 8	M8	1.25 mm	25.0 mm	9.0 mm	1 PCS
0652 10	M10	1.5 mm	30.0 mm	11.0 mm	1 PCS
0652 12	M12	1.75 mm	38.0 mm	14.0 mm	1 PCS
0652 14	M14	2 mm	38.0 mm	14.0 mm	1 PCS
0652 16	M16	2 mm	45.0 mm	18.0 mm	1 PCS
0652 18	M18	2.5 mm	45.0 mm	14.0 mm	1 PCS
0652 20	M20	2.5 mm	45.0 mm	18.0 mm	1 PCS
0652 22	M22	2.5 mm	55.0 mm	22.0 mm	1 PCS
0652 24	M24	3 mm	55.0 mm	22.0 mm	1 PCS

Die, DIN 223, HSS

Fine thread

Product description:
Die DIN 223 HSS with spiral point for steel

Field of Application:
Fine thread



Art. No.	Size	Pitch	Diameter	Height	Packaging unit (VPE)
0652 8 1	M8	1 mm	25.0 mm	9.0 mm	1 PCS
0652 10 1	M10	1 mm	30.0 mm	11.0 mm	1 PCS
0652 10 125	M10	1.25 mm	30.0 mm	11.0 mm	1 PCS
0652 12 1	M12	1 mm	38.0 mm	10.0 mm	1 PCS
0652 12 125	M12	1.25 mm	38.0 mm	10.0 mm	1 PCS
0652 12 15	M12	1.5 mm	38.0 mm	10.0 mm	1 PCS
0652 14 15	M14	1.5 mm	38.0 mm	10.0 mm	1 PCS
0652 16 15	M16	1.5 mm	45.0 mm	18.0 mm	1 PCS
0652 18 15	M18	1.5 mm	45.0 mm	14.0 mm	1 PCS
0652 20 15	M20	1.5 mm	45.0 mm	14.0 mm	1 PCS
0652 22 15	M22	1.5 mm	55.0 mm	16.0 mm	1 PCS
0652 24 15	M24	1.5 mm	55.0 mm	16.0 mm	1 PCS

Die holder DIN 225

Product description:
Threading die holder DIN 225 for holding threading die DIN 223



Art. No.	Diameter	Length	Height	Suitable for	Packaging unit (VPE)
0659 1	20.0 mm	200.0 mm	5.0 mm	Thread cutter M3 - M4	1 PCS
0659 2	20.0 mm	200.0 mm	7.0 mm	Thread cutter M5 - M6	1 PCS
0659 3	25.0 mm	220.0 mm	9.0 mm	Thread cutter M7 - M9	1 PCS
0659 4	30.0 mm	280.0 mm	11.0 mm	Thread cutter M10 - M11	1 PCS
0659 5	38.0 mm	315.0 mm	14.0 mm	Thread cutter M12 - M14	1 PCS
0659 6	45.0 mm	450.0 mm	18.0 mm	Thread cutter M16 - M20	1 PCS
0659 7	55.0 mm	560.0 mm	22.0 mm	Thread cutter M22 - M24	1 PCS

Die, DIN 223, HSS-Co

Product description:
Threading die DIN 223 HSS-Co with spiral point for stainless steel

Field of Application:
For ISO standard metric thread according to DIN 13



Art. No.	Size	Pitch	Diameter	Height	Packaging unit (VPE)
0652 900 003	M3	0.5 mm	20.0 mm	5.0 mm	1 PCS
0652 900 004	M4	0.7 mm	20.0 mm	5.0 mm	1 PCS
0652 900 005	M5	0.8 mm	20.0 mm	7.0 mm	1 PCS
0652 900 006	M6	1 mm	20.0 mm	7.0 mm	1 PCS
0652 900 008	M8	1.25 mm	25.0 mm	9.0 mm	1 PCS
0652 900 010	M10	1.5 mm	30.0 mm	11.0 mm	1 PCS
0652 900 012	M12	1.75 mm	38.0 mm	14.0 mm	1 PCS
0652 900 016	M16	2 mm	45.0 mm	18.0 mm	1 PCS

Die set, DIN 223, HSS-Co

Product description:
Threading die DIN 223 HSS-Co with spiral point for stainless steel

Field of Application:
For ISO standard metric thread according to DIN 13

Size: M3-M12



Art. No.	Packaging unit (VPE)
0652 900 312	1 PCS

ultra machine thread former, DIN 371, HSS-Co, TiCN



Product description:
HSS-Co 5% / TiCN surface coating (TiCN = titanium carbo-nitride) to prevent formation of built-up edges; inhibits adhesion of material. Recommended application: Cutting speed 4–20 m/min. Use of cooling emulsion 6–8 %, oil cooling alternative. With lubrication grooves

Advantages:
- No chipping
- No cutting
- No pitch errors
- Greater strength
- Enhanced thread surface
- Longer service life
- Higher cutting speed
- Through and blind holes are produced with the same tool
- Universal application with all materials

Field of Application:
For all shapeable materials with elongation of at least 6% (steel, stainless steel, aluminium, aluminium alloys, etc.) for non-cutting manufacture of female threads up to max. 2.5 x Ø M 3–M 10

Art. No.	Size (Größe)	Core hole diameter (Bohr-Ø)	Pitch (Steigung)	Length (Länge)	Shaft diameter (Durchmesser)	Size of square (Schlüsselweite)	Packaging unit (VPE)
0644 800 030	M3	2.8 mm	0.5 mm	56.0 mm	3.5 mm	2.7 mm	1 PCS
0644 800 040	M4	3.7 mm	0.7 mm	63.0 mm	4.5 mm	3.4 mm	1 PCS
0644 800 050	M5	4.6 mm	0.8 mm	70.0 mm	6.0 mm	4.9 mm	1 PCS
0644 800 060	M6	5.5 mm	1.0 mm	80.0 mm	6.0 mm	4.9 mm	1 PCS
0644 800 080	M8	7.4 mm	1.25 mm	90.0 mm	8.0 mm	6.2 mm	1 PCS
0644 800 100	M10	9.3 mm	1.5 mm	100.0 mm	10.0 mm	8.0 mm	1 PCS

EVO machine tap with TRICON shaft



Product description:
The first machine tap with TRICON shaft. The universal geometry allows the most diverse materials to be processed.

Advantages:

Universal use – one for all

- Steel, stainless steel, aluminium, high-strength steels up to 1200 N/mm²

Vaporised tool surface

- Improved adhesion of the coolant and smoother tool surface for longer service life

Application recommendation

- Cut speed vc = 8-15 m/min
- Use of cooling emulsion 6-8%, or oil cooling
-

TRICON shaft – positive force transfer

- No spinning in the chuck
- No excessively deep clamping in the chuck
- Less effort required to open

Field of Application:
Steel, stainless steel, aluminium, high-strength steel up to 1200 N/mm²

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Packaging unit (VPE)
0623 800 040	M4	3.3 mm	0.7 mm	58.6 mm	4.5 mm	1 PCS
0623 800 050	M5	4.2 mm	0.8 mm	64 mm	6.0 mm	1 PCS
0623 800 060	M6	5.0 mm	1.0 mm	72 mm	6.0 mm	1 PCS
0623 800 080	M8	6.8 mm	1.25 mm	81 mm	8.0 mm	1 PCS
0623 800 100	M10	8.5 mm	1.5 mm	89 mm	10.0 mm	1 PCS
0623 800 120	M12	10.2 mm	1.75 mm	100 mm	9.0 mm	1 PCS

EVO spiral and screw tap set

Spiral, screw tap and countersink set

Product description:
EVO screw tap and core drill set M4 - M10

Advantages:
- High-quality plastic box with screw tap and core drill + 12.4 mm ultra countersink in embedded in foam.

Field of Application:
Suitable for nearly all metals

Equipping: 1 x EVO screw tap each: M4 M5 M6 M8 M10
1 x EVO twist drill each ø: 3.3/4.2/5.0/6.8/8.5
1 x ultra countersink 12.4 mm
Number of pieces in assortment/set: 11



Art. No.	Packaging unit (VPE)
0623 804 410	1 PCS

Machine tap set, DIN 376 B, HSS-Co and core drill bit

M3 to M12, including core drill bit

Product description:
Cassette with machine taps (thin shaft) and corresponding core drills

Application area:
Particularly suitable for long-chipping materials, e.g. steel up to approx. 1000 N/mm², although also suitable for non-ferrous base metals. Typical applications include e.g. through-hole threads in machine parts, tool manufacturing, housings, series production tasks, and repair applications in trade and industry.

Field of Application:
Blue ring for steel for deep through holes

Composition of set: MGB DIN 376 HSS-E M3 to M12; core drill DIN 338 HSS 0624 7-piece





Art. No.	Packaging unit (VPE)
0646 01	1 PCS

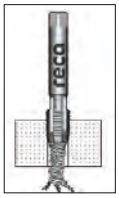
Machine tap for steel through hole

Product description:
Machine tap for standard steels

Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling



Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 100 020	M2	1.6 mm	0.4 mm	45 mm	2.8 mm	2,1	1 PCS
1701 100 025	M2.5	2.05 mm	0.45 mm	50 mm	2.8 mm	2,1	1 PCS
1701 100 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1701 100 035	M3.5	2.9 mm	0.6 mm	56 mm	4.0 mm	3,0	1 PCS
1701 100 040	M4	3.3 mm	0.7 mm	63 mm	4.5 mm	3.4	1 PCS
1701 100 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1701 100 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 100 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1701 100 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS

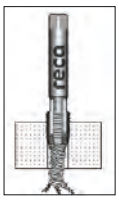


Machine tap for steel, reduced shaft, through hole DIN 376

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 206 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2,1	1 PCS
1701 206 040	M4	3.3 mm	0.7 mm	63 mm	2.8 mm	2,1	1 PCS
1701 206 050	M5	4.2 mm	0.8 mm	70 mm	3.5 mm	2.7	1 PCS
1701 206 060	M6	5.0 mm	1.0 mm	80 mm	4.5 mm	3.4	1 PCS
1701 206 080	M8	6.8 mm	1.25 mm	90 mm	6.0 mm	4.9	1 PCS
1701 206 100	M10	8.5 mm	1.5 mm	100 mm	7.0 mm	5.5	1 PCS
1701 206 120	M12	10.2 mm	1.75 mm	110 mm	9.0 mm	7	1 PCS
1701 206 140	M14	12.0 mm	2.0 mm	110 mm	12.0 mm	9	1 PCS
1701 206 160	M16	14.0 mm	2.0 mm	110 mm	12.0 mm	9	1 PCS
1701 206 180	M18	15.5 mm	2.5 mm	125 mm	14.0 mm	11	1 PCS
1701 206 200	M20	17.5 mm	2.5 mm	140 mm	16.0 mm	12	1 PCS
1701 206 220	M22	19.5 mm	2.5 mm	140 mm	18.0 mm	14.5	1 PCS
1701 206 240	M24	21.0 mm	3.0 mm	160 mm	18.0 mm	14.5	1 PCS
1701 206 270	M27	24.0 mm	3.0 mm	160 mm	20.0 mm	16,0	1 PCS
1701 206 300	M30	26.5 mm	3.5 mm	180 mm	22.0 mm	18,0	1 PCS



Machine tap for steel blind hole DIN 371

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 500 020	M2	1.6 mm	0.4 mm	45 mm	2.8 mm	2,1	1 PCS
1701 500 025	M2.5	2.05 mm	0.45 mm	50 mm	3.5 mm	2,1	1 PCS
1701 500 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1701 500 040	M4	3.3 mm	0.7 mm	63 mm	4.5 mm	3.4	1 PCS
1701 500 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1701 500 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1701 500 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1701 500 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS



Machine tap for steel blind hole, reduced shaft DIN 376

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 606 040	M4	3.3 mm	0.7 mm	63 mm	2.8 mm	2,1	1 PCS
1701 606 050	M5	4.2 mm	0.8 mm	70 mm	3.5 mm	2.7	1 PCS
1701 606 060	M6	5.0 mm	1.0 mm	80 mm	4.5 mm	3.4	1 PCS

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1701 606 080	M8	6.8 mm	1.25 mm	90 mm	6.0 mm	4.9	1 PCS
1701 606 100	M10	8.5 mm	1.5 mm	100 mm	7.0 mm	5.5	1 PCS
1701 606 120	M12	10.2 mm	1.75 mm	110 mm	9.0 mm	7	1 PCS
1701 606 140	M14	12.0 mm	2.0 mm	110 mm	11.0 mm	9	1 PCS
1701 606 160	M16	14.0 mm	2.0 mm	110 mm	12.0 mm	9	1 PCS
1701 606 180	M18	15.5 mm	2.5 mm	125 mm	14.0 mm	11	1 PCS
1701 606 200	M20	17.5 mm	2.5 mm	140 mm	16.0 mm	12	1 PCS

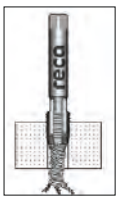


Machine tap, fine thread, through hole

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1710 100 060	M6	5.2 mm	0.75 mm	80 mm	4.5 mm	3.4	1 PCS
1710 100 080	M8	7.0 mm	1.0 mm	90 mm	6.0 mm	4.9	1 PCS
1710 100 100	M10	9.0 mm	1.0 mm	90 mm	7.0 mm	5.5	1 PCS
1710 100 125	M12	10.5 mm	1.5 mm	100 mm	9.0 mm	7	1 PCS
1710 100 122	M12	10.8 mm	1.25 mm	100 mm	9.0 mm	7	1 PCS
1710 100 140	M14	12.5 mm	1.5 mm	100 mm	11.0 mm	9	1 PCS
1710 100 160	M16	14.5 mm	1.5 mm	100 mm	12.0 mm	9	1 PCS
1710 100 180	M18	16.5 mm	1.5 mm	110 mm	14.0 mm	11	1 PCS
1710 100 200	M20	18.5 mm	1.5 mm	125 mm	16.0 mm	12	1 PCS



Machine tap, fine thread, blind hole



Product description:
Machine tap for standard steels

Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1710 204 060	M6	5.2 mm	0.75 mm	80 mm	4.5 mm	3.4	1 PCS
1710 204 080	M8	7.0 mm	1.0 mm	90 mm	6.0 mm	4.9	1 PCS
1710 204 100	M10	9.0 mm	1.0 mm	90 mm	7.0 mm	5.5	1 PCS
1710 204 120	M12	10.5 mm	1.5 mm	100 mm	9.0 mm	7	1 PCS
1710 204 140	M14	12.5 mm	1.5 mm	100 mm	11.0 mm	9	1 PCS
1710 204 160	M16	14.5 mm	1.5 mm	100 mm	12.0 mm	9	1 PCS



Nut tap



Product description:
Machine tap for standard steels

Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.

Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1710 500 040	M4	3.3 mm	0.7 mm	90 mm	2.8 mm	2,1	1 PCS
1710 500 050	M5	4.2 mm	0.8 mm	100 mm	3.5 mm	2.7	1 PCS
1710 500 060	M6	5.0 mm	1.0 mm	110 mm	4.5 mm	3.4	1 PCS
1710 500 080	M8	6.8 mm	1.25 mm	125 mm	6.0 mm	4.9	1 PCS
1710 500 100	M10	8.5 mm	1.5 mm	140 mm	7.0 mm	5.5	1 PCS
1710 500 120	M12	10.2 mm	1.75 mm	180 mm	9.0 mm	7	1 PCS



Machine tap for steel through hole/blind hole

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.

Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1710 400 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1710 400 040	M4	3.3 mm	0.7 mm	63 mm	45 mm	3.4	1 PCS
1710 400 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1710 400 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1710 400 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1710 400 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS



Machine tap Whitworth pipe thread

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.

Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1710 300 307	G 1	30.75 mm	11 mm	160 mm	25 mm	20,0	1 PCS
1710 300 190	G 1/2	19.0 mm	14 mm	125 mm	16 mm	12	1 PCS
1710 300 118	G 1/4	11.8 mm	19 mm	100 mm	11 mm	9	1 PCS
1710 300 088	G 1/8	8.8 mm	28 mm	90 mm	7 mm	5.5	1 PCS
1710 300 245	G 3/4	24.5 mm	14 mm	140 mm	20 mm	16,0	1 PCS
1710 300 153	G 3/8	15.3 mm	19 mm	100 mm	12 mm	9	1 PCS

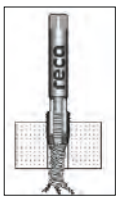


Machine tap, long through hole

Product description:
Machine tap for standard steels



Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Square shank on screw tap	Packaging unit (VPE)
1710 600 050	M5	4.2 mm	0.8 mm	100 mm	4.9	1 PCS
1710 600 060	M6	5.0 mm	1 mm	110 mm	3.4	1 PCS
1710 600 080	M8	6.8 mm	1.25 mm	125 mm	4.9	1 PCS
1710 600 100	M10	8.5 mm	1.5 mm	140 mm	5.5	1 PCS



Long blind hole machine tap



Product description:
Machine tap for standard steels

Advantages:
- Special groove and thread geometry for long-chipping materials.
- Vaporises surfaces for enhanced adhesion of coolant and a smoother tool surface.



Field of Application:
Steels up to 1000 N/mm²; construction and case-hardened steels, nodular cast iron, black malleable iron
Application recommendation: Cut speed vc = 8-15 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Square shank on screw tap	Packaging unit (VPE)
1710 601 050	M5	4.2 mm	0.8 mm	140 mm	4.9	1 PCS
1710 601 060	M6	5.0 mm	1 mm	160 mm	4.9	1 PCS
1710 601 080	M8	6.8 mm	1.25 mm	180 mm	6.2	1 PCS

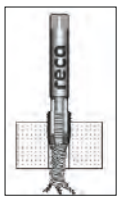


RECA machine tap for stainless steel through hole



Product description:
Machine tap for stainless steel

Advantages:
- Groove geometry with enhanced relief grinding for tough materials
- Vaporises (steam treated) surfaces for enhanced adhesion of coolant and a smoother tool surface



Application area:
Green ring for stainless steel

Field of Application:
Heat-treatable steels, chemically resistant steels, high-alloy steels, Ni alloys
Application recommendation: Cut speed vc = 6-8 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1700 100 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1700 100 040	M4	3.3 mm	0.7 mm	63 mm	3.5 mm	3.4	1 PCS
1700 100 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1700 100 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1700 100 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1700 100 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS
1700 206 120	M12	10.2 mm	1.75 mm	110 mm	9.0 mm	7	1 PCS
1700 206 140	M14	12.0 mm	2.0 mm	110.0 mm	9.0 mm	9	1 PCS
1700 206 160	M16	14.0 mm	2.0 mm	110 mm	12.0 mm	9	1 PCS

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1700 206 180	M18	15.5 mm	2.5 mm	125 mm	14.0 mm	11	1 PCS
1700 206 200	M20	17.5 mm	2.5 mm	140 mm	16.0 mm	12	1 PCS



Machine tap for stainless steel blind hole

Product description:
Machine tap for stainless steel



Advantages:
- Groove geometry with enhanced relief grinding for tough materials
- Vaporises (steam treated) surfaces for enhanced adhesion of coolant and a smoother tool surface



Field of Application:
Heat-treatable steels, chemically resistant steels, high-alloy steels, Ni alloys
Application recommendation: Cut speed vc = 6-8 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1700 500 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1700 500 040	M4	3.3 mm	0.7 mm	63 mm	4.5 mm	3.4	1 PCS
1700 500 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1700 500 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1700 500 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1700 500 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS
1700 606 120	M12	10.2 mm	1.75 mm	110 mm	9.0 mm	7	1 PCS
1700 606 140	M14	12.0 mm	2.0 mm	110 mm	11.0 mm	9	1 PCS
1700 606 160	M16	14.0 mm	2.0 mm	110 mm	12.0 mm	9	1 PCS
1700 606 180	M18	15.5 mm	2.5 mm	125 mm	14.0 mm	11	1 PCS
1700 606 200	M20	17.5 mm	2.5 mm	140 mm	16.0 mm	12	1 PCS

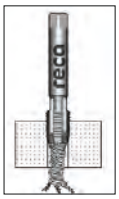


Machine tap for aluminium through hole

Product description:
Machine tap for aluminium



Advantages:
- Special groove design for soft, long-chipping materials
- With exposed teeth for low friction resistance
- Plain tool surface



Field of Application:
Copper alloys, aluminium alloys, thermoplastics and long-chipping materials
Application recommendation: Cut speed vc = 10-30 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1702 100 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1702 100 040	M4	3.3 mm	0.7 mm	63 mm	3.5 mm	3.4	1 PCS
1702 100 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1702 100 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1702 100 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS
1702 100 100	M10	8.5 mm	1.5 mm	100 mm	10 mm	8	1 PCS



Machine tap for aluminium blind hole

Product description:
Machine tap for aluminium



Advantages:
- Special groove design for soft, long-chipping materials
- With exposed teeth for low friction resistance
- Plain tool surface



Field of Application:
Copper alloys, aluminium alloys, thermoplastics and long-chipping materials
Application recommendation: Cut speed vc = 10-30 m/min; Use of cooling emulsion 6-8%, or oil cooling

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1702 600 030	M3	2.5 mm	0.5 mm	56 mm	3.5 mm	2.7	1 PCS
1702 600 040	M4	3.3 mm	0.7 mm	63 mm	4.5 mm	3.4	1 PCS
1702 600 050	M5	4.2 mm	0.8 mm	70 mm	6.0 mm	4.9	1 PCS
1702 600 060	M6	5.0 mm	1.0 mm	80 mm	6.0 mm	4.9	1 PCS
1702 600 080	M8	6.8 mm	1.25 mm	90 mm	8.0 mm	6.2	1 PCS

Art. No.	Size	Core hole diameter	Pitch	Length	Shaft diameter	Square shank on screw tap	Packaging unit (VPE)
1702 600 100	M10	8.5 mm	1.5 mm	100 mm	10.0 mm	8	1 PCS



Universal milling drill bit HSS

Application area:
Universal milling drill - the problem solver. For cutting any desired contour. Universal milling drill for milling in non-ferrous metals, wood, plastic etc.



Diameter: 6.0 mm
Length: 87.0 mm

Art. No.	Packaging unit (VPE)
0634 100 6	2 PCS

Cemented carbide milling bits, cylindrical shape

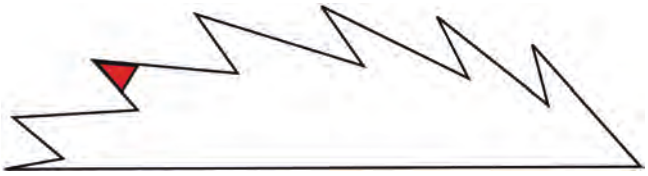
Cylindrical shape with spur cut DIN code ZYA...S

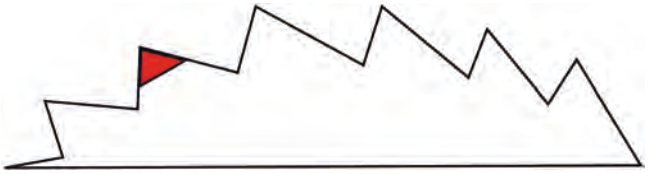
Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

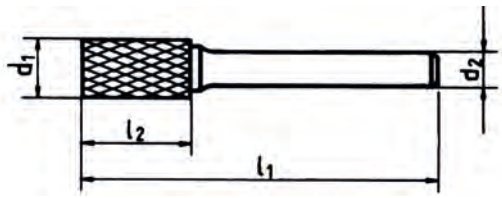


Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.







Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 110 618	6.0 mm	18.0 mm	50.0 mm	1 PCS
0678 110 820	8.0 mm	20.0 mm	65.0 mm	1 PCS
0678 111 020	10.0 mm	20.0 mm	65.0 mm	1 PCS
0678 111 225	12.0 mm	25.0 mm	70.0 mm	1 PCS
0678 111 525	15.0 mm	25.0 mm	70.0 mm	1 PCS

Carbide milling bits, cylindrical shape TiAlN

Cylindrical shape with spur cut DIN code ZYA...S

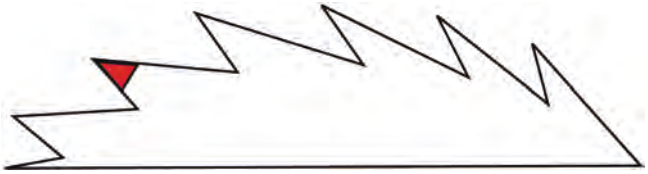
Advantages:

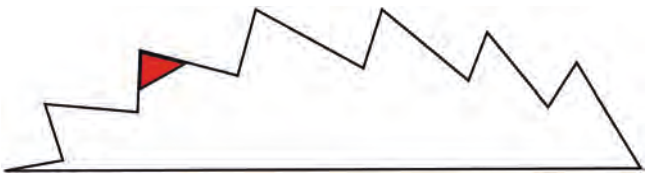
- TiAlN coating for longer service life and thermal stability
- Optimised cutting of high-strength and tough materials
- Rough and finish-milling on manually-controlled drive units
- Can also be used on stationary machines
- Universal toothing with stronger teeth is suitable for machining stainless steels, extremely tough steels, grey cast iron, welding seams, hard plastics and hardened steels.



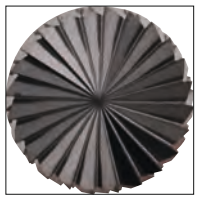
Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.





Diameter: 12.0 mm
Cutting edge length: 25.0 mm
Length: 70.0 mm



Art. No.	Packaging unit (VPE)
0678 119 525	1 PCS

Cemented carbide milling bits, cylindrical shape with round end

Cylindrical shape with round end DIN code WRC

Advantages:

- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

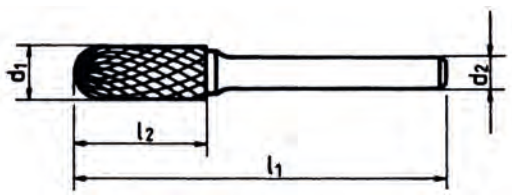
Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.









Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 120 618	6.0 mm	18.0 mm	50.0 mm	1 PCS
0678 120 820	8.0 mm	20.0 mm	65.0 mm	1 PCS
0678 121 020	10.0 mm	20.0 mm	65.0 mm	1 PCS
0678 121 225	12.0 mm	25.0 mm	70.0 mm	1 PCS

Carbide milling bits, cylindrical shape TiAlN

Cylindrical shape with round end DIN code WRC

Advantages:

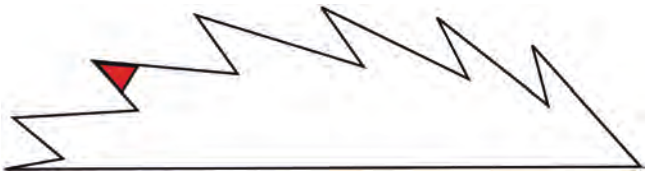
- TiAlN coating for longer service life and thermal stability
- Optimised cutting of high-strength and tough materials
- Rough and finish-milling on manually-controlled drive units
- Can also be used on stationary machines
- Universal toothing with stronger teeth is suitable for machining stainless steels, extremely tough steels, grey cast iron, welding seams, hard plastics and hardened steels.

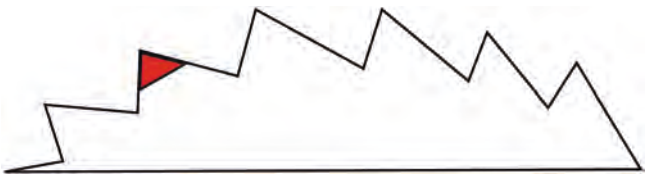
Field of Application:

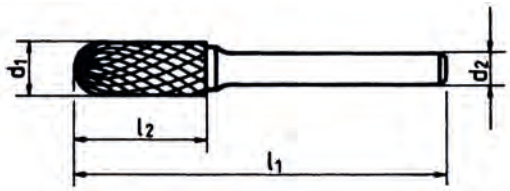
- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.

Diameter: 12.0 mm
Cutting edge length: 25.0 mm
Length: 70.0 mm









Art. No.	Packaging unit (VPE)
0678 129 225	1 PCS

Cemented carbide milling bits, spherical shape

Spherical shape DIN code KUD

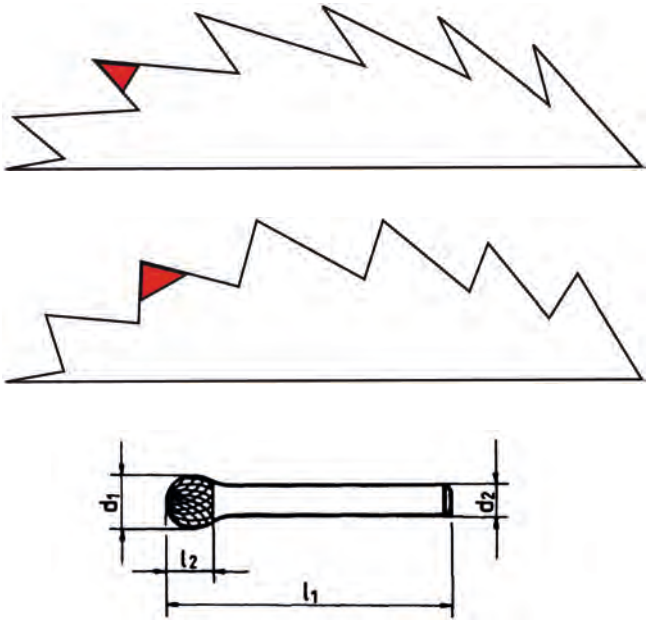
Advantages:

- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.



Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 130 605	6.0 mm	5.0 mm	50.0 mm	1 PCS
0678 130 806	8.0 mm	6.0 mm	52.0 mm	1 PCS
0678 131 008	10.0 mm	8.0 mm	53.0 mm	1 PCS
0678 131 210	12.0 mm	11.0 mm	55.0 mm	1 PCS

Cemented carbide milling bits, semi-circular shape

Semicircular shape DIN code RBF

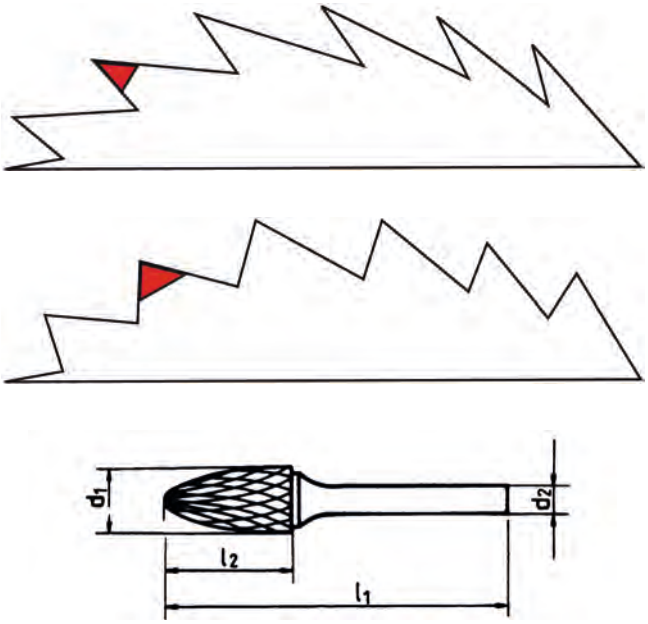
Advantages:

- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.



Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 150 618	6.0 mm	18.0 mm	50.0 mm	1 PCS
0678 150 820	8.0 mm	20.0 mm	65.0 mm	1 PCS
0678 151 020	10.0 mm	20.0 mm	65.0 mm	1 PCS
0678 151 225	12.0 mm	25.0 mm	70.0 mm	1 PCS

Cemented carbide milling bits, tear-shaped

Drop shape DIN code TRE

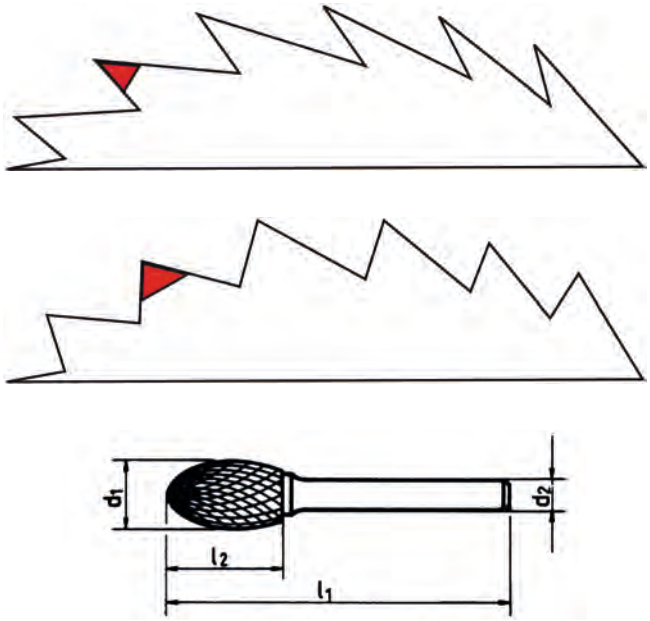
Advantages:

- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.



Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 140 610	6.0 mm	10.0 mm	50.0 mm	1 PCS
0678 141 220	12.0 mm	20.0 mm	65.0 mm	1 PCS

Cemented carbide milling bits, ogive shape

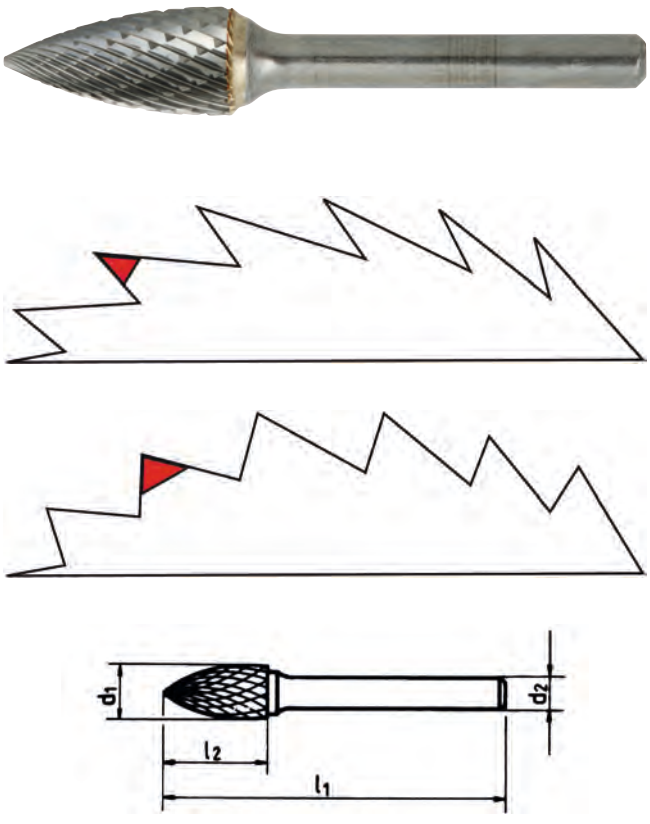
Ogive shape DIN code SPG

Advantages:

- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

Field of Application:

- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.



Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 160 618	6.0 mm	18.0 mm	50.0 mm	1 PCS
0678 160 820	8.0 mm	20.0 mm	65.0 mm	1 PCS
0678 161 020	10.0 mm	20.0 mm	65.0 mm	1 PCS
0678 161 225	12.0 mm	25.0 mm	65.0 mm	1 PCS

Cemented carbide milling bits, conical shape

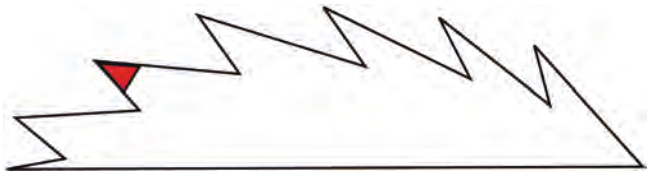
Cone shape DIN code SKM

Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

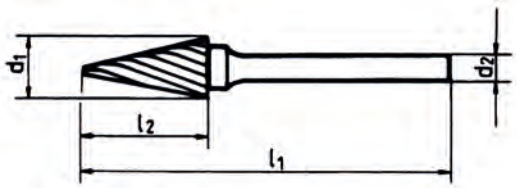
Field of Application:
- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.

Diameter: 12.0 mm
Cutting edge length: 25.0 mm
Length: 70.0 mm









Art. No.	Packaging unit (VPE)
0678 181 225	1 PCS

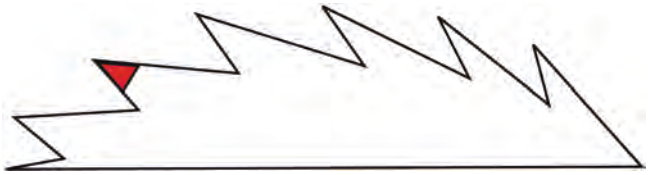
Cemented carbide milling bits, circular cone shape

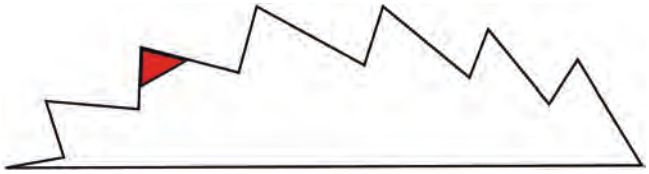
Circular cone shape DIN code KEL

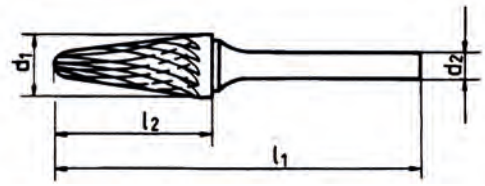
Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:
- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.







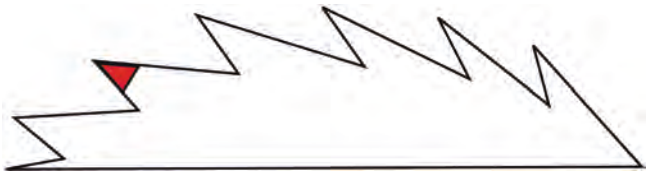
Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
0678 171 026	10.0 mm	26.0 mm	65.0 mm	1 PCS
0678 171 228	12.0 mm	28.0 mm	75.0 mm	1 PCS

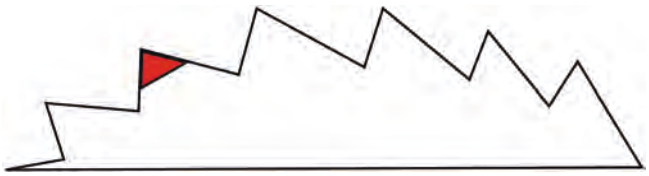
Cemented carbide milling bits, assortment, 8 pieces

Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

Field of Application:
- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.







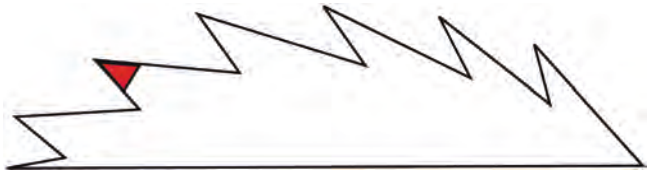
Art. No.	Packaging unit (VPE)
0678 199 8	1 PCS

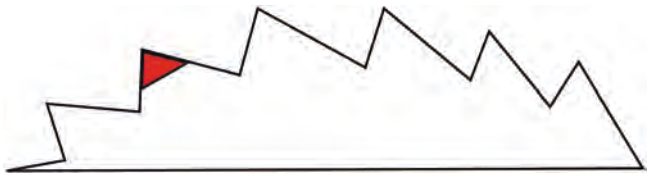
Cemented carbide milling bits, assortment, 5 pieces

Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.

Field of Application:
- Solid cemented carbide head on Ø 6 mm HSS shaft (soldered), with head Ø 6 mm made entirely from solid carbide. Precision manufacture on ultra-modern CNC grinding machines ensures accurate and uniform toothing with optimal tooth sharpening angle. Recommended cutting speed v = 500–960 m/min.
- Calculation of speed n (min): n = (v x 1000) / d x 3.1415
- Optimal economic results are achieved by applying the highest possible speed.







Art. No.	Packaging unit (VPE)
0678 199 5	1 PCS

Cemented carbide milling bits, cylindrical shape

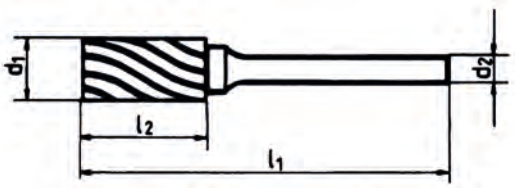
Cylindrical shape without spur cut DIN code ZYA

Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:
Lightweight metals: Aluminium and aluminium allows; non-ferrous metals; hard rubber; plastics; hard and compressed wood; recommended cutting speed v= 600–960 m/min

Diameter: 12.0 mm
Cutting edge length: 25.0 mm
Length: 70.0 mm



Art. No.	Packaging unit (VPE)
0678 911 225	1 PCS

Cemented carbide milling bits, cylindrical shape with round end

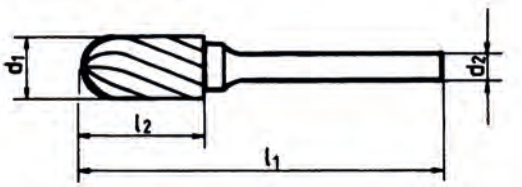
Cylindrical shape with round end DIN code WRC

Advantages:
- Maximum chipping of high-strength and tough materials
- Rough and finish milling on hand-operated drive machines
- Application on stationary machines also possible
- The universal toothing type with stronger teeth is suitable for machining stainless steels, steels of greater hardiness, grey cast iron, welding seams, hard plastics and hardened steels.



Field of Application:
Lightweight metals: Aluminium and aluminium allows; non-ferrous metals; hard rubber; plastics; hard and compressed wood; recommended cutting speed v= 600–960 m/min

Diameter: 12.0 mm
Cutting edge length: 25.0 mm
Length: 70.0 mm



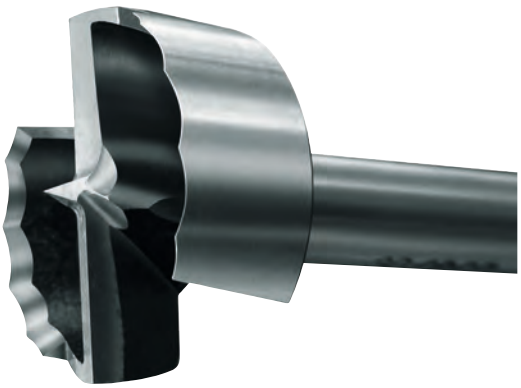
Art. No.	Packaging unit (VPE)
0678 921 225	1 PCS

Forstner Bits

Product description:
The RECA WAVECUT Forstner bit with innovative wave-shape cutting edges ensures a cleaner cutting action and a fast cut in hardwood and softwood, particle boards and MDF sheets.

Advantages:
- Long service life owing to minimal friction
- Total concentricity
- Minimal vibration owing to centrically ground lathe centre

Length: 90.0 mm



Art. No.	Diameter	Shaft diameter	Packaging unit (VPE)
0616 100 150	15.0 mm	8 mm	1 PCS
0616 100 200	20.0 mm	8 mm	1 PCS

Art. No.	Diameter	Shaft diameter	Packaging unit (VPE)
0616 100 250	25.0 mm	8 mm	1 PCS
0616 100 300	30.0 mm	8 mm	1 PCS
0616 100 350	35.0 mm	10 mm	1 PCS

Forstner bit set, 5-part

Product description:
The RECA WAVECUT Forstner bit with innovative wave-shape cutting edges ensures a cleaner cutting action and a fast cut in hardwood and softwood, particle boards and MDF sheets.

Advantages:
- Long service life owing to minimal friction
- Total concentricity
- Minimal vibration owing to centrically ground lathe centre

Composition of set: Ø 15, 20, 25, 30 and 35 mm



Art. No.	Packaging unit (VPE)
0616 100 000	1 PCS

Wood twist drill bit

Advantages:
- Accurate, precisely dimensioned through and blind drill holes in virtually any kind of wood
- Precision drilling with lathe centre
- Clean, tear-out-free cutting edge thanks to two taper taps and two cutters



Advice:
Speed in hardwood and softwood: 1500–3000 rpm

Art. No.	Diameter	Shaft diameter	Length	Packaging unit (VPE)
0616 000 040	4.0 mm	4 mm	75.0 mm	1 PCS
0616 000 050	5.0 mm	5 mm	86.0 mm	1 PCS
0616 000 060	6.0 mm	6 mm	93.0 mm	1 PCS
0616 000 070	7.0 mm	7 mm	109.0 mm	1 PCS
0616 000 080	8.0 mm	8 mm	117.0 mm	1 PCS
0616 000 100	10.0 mm	10 mm	133.0 mm	1 PCS
0616 000 120	12.0 mm	10 mm	151.0 mm	1 PCS
0616 000 140	14.0 mm	10 mm	160.0 mm	1 PCS
0616 000 160	16.0 mm	10 mm	180.0 mm	1 PCS

Twist wood drill bit sets

Advantages:
- Accurate, precisely dimensioned through and blind drill holes in virtually any kind of wood
- Precision drilling with lathe centre
- Clean, tear-out-free cutting edge thanks to two taper taps and two cutters

Advice:
Speed in hardwood and softwood: 1500–3000 rpm



Art. No.	Composition of set	Number of pieces	Packaging unit (VPE)
0616 000 007	Plastic box with 1 x Ø 4.0 mm; 1 x Ø 5.0 mm; 2 x Ø 6.0 mm; 2 x Ø 8.0 mm; 1 x Ø 10.0 mm	7	1 PCS
0616 000 000	Wooden box with Ø 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15 mm	11	1 PCS

Auger drill bit

Advantages:
- Rapid drilling of precisely dimensioned, deep-cut holes in wood (e.g. rafters, beams)
- Independent feed with minimal energy expenditure with feeder thread
- Tear-out-free cutting edge thanks to taper tap
- Long service life with hardened spirals
- Rounded and deep chip fluting without core speeds up the drilling progress with low energy expenditure and optimises chip discharge



Length: 460.0 mm
Chip flute length: 390.0 mm

Art. No.	Diameter	Tool holding device	Packaging unit (VPE)
0616 460 060	6.0 mm	Cylinder shank	1 PCS
0616 460 080	8.0 mm	Cylinder shank	1 PCS
0616 460 100	10.0 mm	Cylinder shank	1 PCS
0616 460 120	12.0 mm	Hexagon	1 PCS
0616 460 140	14.0 mm	Hexagon	1 PCS
0616 460 160	16.0 mm	Hexagon	1 PCS
0616 460 180	18.0 mm	Hexagon	1 PCS
0616 460 200	20.0 mm	Hexagon	1 PCS
0616 460 220	22.0 mm	Hexagon	1 PCS
0616 460 240	24.0 mm	Hexagon	1 PCS
0616 460 260	26.0 mm	Hexagon	1 PCS

Auger drill bit, 6-part

Advantages:

- Rapid drilling of precisely dimensioned, deep-cut holes in wood (e.g. rafters, beams)
- Independent feed with minimal energy expenditure with feeder thread
- Tear-out-free cutting edge thanks to taper tap
- Long service life with hardened spirals
- Rounded and deep chip fluting without core speeds up the drilling progress with low energy expenditure and optimises chip discharge



Composition of set: Ø 10, 12, 14, 16, 18, 20 mm
Length: 460.0 mm
Chip flute length: 390.0 mm

Art. No.	Packaging unit (VPE)
0616 460 000	1 PCS

Insert nuts

Product description:
A self-cutting thread insert with female and male thread. Cutting slots ensure effective working. The threaded bush facilitates fast repair of torn-out threads.

Advantages:

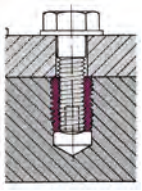
- The same screw size can be reused.
- The thread is much more resilient.
- No damaged caused by torn-out thread.
- The threaded bush is not affected by cavity spots.

Application area:
These drill hole diameters serve as a guide and apply to most materials. Depending on the strength of the material, the smaller or larger value is adopted (usually the average value). In specific cases or with certain materials, the drill hole diameter is determined by testing. Minimum material thickness = length of bush. For blind holes, the drill hole depth equates to the length of the bush + 3 to 4 x pitch of male thread. The drill holes must be countersunk. The edge clearance of the bush must not be less than approx. 0.3 x the outer diameter. Lubrication e.g. with RECA Bio Cut art. no. 0896 413 400 is recommended when screwing in.



Art. No.	Female thread	Male thread	Pitch	Length	Min./max. drill diameter	Packaging unit (VPE)
0660 302 030	3 mm	5.0 mm	0.5 mm	6.0 mm	4.6-4.8 mm	10 PCS
0660 302 040	4 mm	6.5 mm	0.75 mm	8.0 mm	5.9-6.2 mm	10 PCS
0660 302 050	5 mm	8 mm	1.0 mm	10.0 mm	7.2-7.6 mm	10 PCS
0660 302 060	6 mm	10 mm	1.5 mm	14.0 mm	8.7-9.4 mm	10 PCS
0660 302 080	8 mm	12 mm	1.5 mm	15.0 mm	10.7-11.4 mm	10 PCS
0660 302 100	10 mm	14 mm	1.5 mm	18.0 mm	12.7-13.4 mm	10 PCS
0660 302 120	12 mm	16 mm	1.5 mm	22.0 mm	14.7-15.4 mm	10 PCS
0660 302 140	14 mm	18 mm	1.5 mm	24.0 mm	16.7-17.4 mm	10 PCS
0660 302 160	16 mm	20 mm	1.5 mm	22.0 mm	18.7-19.4 mm	10 PCS
0660 302 200	20 mm	26 mm	1.5 mm	27.0 mm	24.7-25.4 mm	10 PCS





Insertion tools for thread inserts

For screwing in insert nuts



Art. No.	Size	Packaging unit (VPE)
0660 300 006	M3	1 PCS
0660 300 008	M4	1 PCS
0660 300 010	M5	1 PCS
0660 300 011	M6	1 PCS
0660 300 012	M8	1 PCS
0660 300 013	M10	1 PCS
0660 300 014	M12	1 PCS

Hand reamer DIN 206

Product description:
HSS with straight shank and square, right-hand cutting, spirally grooved, tolerance H7



Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
2608 220	2	25	50	1 PCS
2608 230	3	31	62	1 PCS
2608 240	4	38	76	1 PCS
2608 250	5	44	87	1 PCS
2608 260	6	47	93	1 PCS
2608 270	7	54	107	1 PCS
2608 280	8	58	115	1 PCS
2608 210 0	10	66	133	1 PCS
2608 212 0	12	76	152	1 PCS
2608 213 0	13	76	152	1 PCS
2608 214 0	14	81	163	1 PCS
2608 215 0	15	81	163	1 PCS
2608 216 0	16	87	175	1 PCS
2608 217 0	17	87	175	1 PCS
2608 218 0	18	93	188	1 PCS
2608 219 0	19	93	188	1 PCS
2608 220 0	20	100	201	1 PCS
2608 222 0	22	107	215	1 PCS

Art. No.	Diameter	Cutting edge length	Length	Packaging unit (VPE)
2608 225 0	25	115	231	1 PCS
2608 230 0	30	124	247	1 PCS

Quick-adjustment hand reamer

Advantages:

- With straight shank and square, right-hand cutting, short, eccentric-arched, relief ground special steel blade, only for equalising — not chip removal



Art. No.	Size	Min./max. diameter	Packaging unit (VPE)
2607 40	0	8.0-9.0 mm	1 PCS
2607 41	1	9.0-10.0 mm	1 PCS
2607 42	2	10.0-11.0 mm	1 PCS
2607 43	3	11.0-12.0 mm	1 PCS
2607 44	4	12.0-13.5 mm	1 PCS
2607 45	5	13.5-15.5 mm	1 PCS
2607 47	7	18.0-21.0 mm	1 PCS
2607 48	8	21.0-24.0 mm	1 PCS
2607 49	9	24.0-27.5 mm	1 PCS

Machine reamer HSS

Advantages:

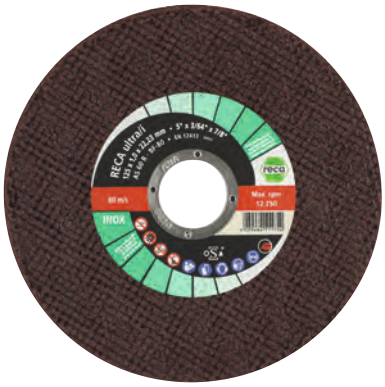
- HSS-E; with Morse taper shank; right-hand cutting; tolerance range H7; even number of teeth and unequal tooth pitch prevents chatter marks and prevents the drill hole from becoming eccentric



Art. No.	Diameter	Length	Cutting edge length	Suitable for morse taper tools	Packaging unit (VPE)
2608 910	10	168	38	MK 1	1 PCS
2608 912	12	182	44	MK 1	1 PCS
2608 914	14	189	47	MK 1	1 PCS
2608 916	16	210	52	MK 2	1 PCS
2608 918	18	214	54	MK 2	1 PCS
2608 920	20	228	60	MK 2	1 PCS
2608 922	22	237	64	MK 2	1 PCS
2608 925	25	268	68	MK 3	1 PCS
2608 930	30	281	73	MK 3	1 PCS

ultra/i cutting disc for INOX

Product description:
ultra/i
The specialist for stainless steel
Free from iron, chlorine and sulphur (≤ 0.1%)
Cutting disc (no surface rust) delivers a clean and soft cut. Excellent cutting performance in stainless steel, steel, aluminium and other non-ferrous metals.



Advantages:
Speed
- Fastest cutting times
- Hardly any discolouration
- Aggressive disc
- Penetrates the material immediately, no runout





Safety
- Extremely rough lateral faces
- Disc does not jam in tough materials
- Extremely resilient
- oSa safety directives

Comfort
- Extremely rough lateral faces
- Disc does not jam in tough materials
- Precise, chatter and burr-free cuts
- Less rework
- Dust-free
- Considerably less grinding dust

Service life
- Even distribution of the abrasive grain with circular interspersal process
- Permanent maximum capacity in every phase
- Coated corundum
- Special binder
- Prevents premature failure of the abrasive grain



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 001 115	115.0 mm	AS 60-S-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 001 125	125.0 mm	AS 60-S-BF-80	1.0 mm	22.23 mm	Straight	25 PCS

A1 2in1 cutting disc

Product description:
Super-fast. Universal use in steel and stainless steel

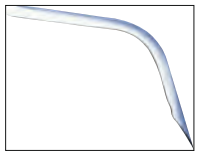
Advantages:
Speed
- Rapid cutting times in steel and stainless steel

Comfort
- Suitable for universal use
- Time saved thanks to fewer disc changes
- Minimal dust

Safety
- Satisfies the most stringent oSa safety requirements
- Certified quality
- Fibreglass reinforcement
- Disc does not break

Service life
- Good service life in steel and stainless steel















Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 050 115	115.0 mm	A 60-T-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 050 117	115.0 mm	A 60-T-BF-80	1.0 mm	22.23 mm	Straight	100 PCS
0670 050 125	125.0 mm	A 60-T-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 050 127	125.0 mm	A 60-T-BF-80	1.0 mm	22.23 mm	Straight	100 PCS
0670 050 230	230.0 mm	A 60-T-BF-80	1.8 mm	22.23 mm	Cranked	25 PCS

Clamping flange for cutting disc, 76 mm

Product description:
Clamping flange for 1-mm cutting discs, Ø 76 mm with 6-mm shaft.

Field of Application:
Can be used on all standard straight grinders and flexible shafts



Art. No.	Packaging unit (VPE)
0670 899 1	1 PCS

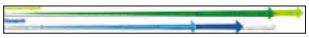


F1/i cutting disc for stainless steel

Product description:
F1/i
The specialist for stainless steel
Free from iron, chlorine and sulphur (≤ 0.1%)
Cutting disc (no surface rust) delivers a clean and soft cut. Excellent cutting performance in steel, aluminium and other non-ferrous metals.



Advantages:
Speed
- Rapid cutting times
- Saves time
- Minimal disc thickness
- Effortless cuts
- Aggressive disc properties
- Penetrates material immediately; does not stray





Safety
- Rough lateral surfaces
- Facilitates safe, clean cuts
- Predetermined breaking point
- Injury-free working
- Reinforced fibreglass
- Extremely durable
- oSa safety guidelines
- Stringently tested quality

Comfort
- Precise, chatter-free and burr-free cuts
- Little reworking required
- Minimal dust
- Dust build-up reduced by up to 50%
- Cool, clean cuts

Service life
- Uniform distribution of abrasive grain through circular interspersal method
- Long-lasting, maximum performance in each phase
- Coated corundum
- Durable



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 016 117		AS 60-S-BF-80				100 PCS
0670 016 127		AS 60-S-BF-80				100 PCS
0670 016 076	76.0 mm	AS 60-S-BF-80	1.0 mm	10.00 mm	Straight	25 PCS
0670 016 115	115.0 mm	AS 60-S-BF-80	1.0 mm	22.23 mm	Straight	25 PCS

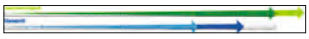
Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 016 125	125.0 mm	AS 60-S-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 016 150	150.0 mm	AS 60-S-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 016 180	180.0 mm	AS 60-S-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 016 230	230.0 mm	AS 60-S-BF-80	1.9 mm	22.23 mm	Straight	25 PCS

F1/s cutting disc for steel

Product description:
F1/s
The specialist for steel
Hard high-performance cutting disc with optimum results in steel. For cutting thin sheet metal, thin-walled pipes and profiles. Excellent cutting performance, even in high-alloy steel (Hardox, hard manganese).



Advantages:
Speed
- Rapid cutting times
- Saves time
- Minimal disc thickness
- Effortless cuts
- Aggressive disc properties
- Penetrates material immediately; does not stray





Safety
- Rough lateral surfaces
- Facilitates safe clean cuts
- Predetermined breaking point
- Injury-free working
- Carbon-reinforced fibreglass
- Extremely high load capacity
- oSa safety guidelines
- Stringently tested quality

Comfort
- Precise, and chatter and burr-free cuts
- Little reworking required
- Little dust
- Dust build-up reduced by up to 50%
- Cool, clean cuts

Service life
- Uniform distribution of abrasive grain through circular interspersal method
- Long-lasting high performance in each phase
- Coated corundum
- Durable



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 015 117		AS 60-T-BF-80				100 PCS
0670 015 127		AS 60-T-BF-80				100 PCS
0670 015 115	115.0 mm	AS 60-T-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 015 125	125.0 mm	AS 60-T-BF-80	1.0 mm	22.23 mm	Straight	25 PCS
0670 015 150	150.0 mm	AS 60-T-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 015 180	180.0 mm	AS 60-T-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 015 230	230.0 mm	AS 60-T-BF-80	1.9 mm	22.23 mm	Straight	25 PCS

ultra cutting disc for steel

Product description:
The RECA ultra cutting disc for steel — the first on the market to combine an extremely long service life and maximum speed. Hard high-performance cutting disc with optimum results in steel. For cutting material such as thin sheet metal through to thick-walled pipes and profiles.







Advantages:
Service life and speed
- Uniform distribution of abrasive grain through circular interspersal method
- Long-lasting, maximum performance in each phase
- Mixture of high-quality corundum types
- Clean, cool and ultra-rapid cuts
- Thin, carbon-reinforced fibreglass
- More and larger abrasive grains are machined
- Newly developed bonding agent
- The specially fused corundum mixture remains in the disc until it is fully worn
- Aggressive disc properties
- Penetrates material immediately; does not stray
- Up to 100% longer service life than other professional cutting discs
- Less downtime due to changing discs

Comfort
- Precise, chatter-free and burr-free cuts
- Little reworking required
- Conical cutting disc shape
- Does not jam in the workpiece

Safety
- Carbon-reinforced fibreglass taken from the field of motorsport
- Extremely durable
- oSa safety guidelines
- Certified quality
- Predetermined breaking point
- Disc does not break
- Rough lateral surfaces
- Facilitates safe, clean cuts



Art. No.	Diameter	Type description (Spezifikation)	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 000 115	115.0 mm	AS 456-SX-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 000 125	125.0 mm	AS 456-SX-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 000 230	230.0 mm	AS 456-SX-BF-80	2.0 mm	22.23 mm	Straight	25 PCS

R/Q 2x2 cutting and sanding disc for steel and stainless steel

Product description:
R/Q: The universal tool
for steel and stainless steel
for cutting and deburring/rough machining
= saves time: no changing of discs for optimum safety



Advantages:
Speed
- Extra-thin cutting and rough sanding with a single disc
- Not necessary to change discs
- Cutting, deburring, chamfering and grinding in one work step
- No interruptions to work, no changeovers, no machine changes



Comfort
- Low vibrations
- Effortless work
- Iron and sulphur-free cutting disc
- Universal application
- Cutting and sanding in a single disc
- Not necessary to change discs
- Cutting at 90° angle
- Rough machining at 30° angle

Safety
- High-quality abrasive grain mixture
- Long-lasting optimum performance — aggressive cutting and powerful sanding

Service life
- 3-way fibreglass reinforcement
- Meets prescribed lateral load (290 N) for rough grinding discs
- OSA safety directives
- Strictly tested quality



Art. No.	Diameter	Type description (Spezifikation)	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 022 125	125.0 mm	AS 36-R-BF-80	1.9 mm	22.23 mm	Cranked	25 PCS

A1.6 2in1 cutting disc for steel and stainless steel

Advantages:

Speed

- Rapid cutting times in steel and stainless steel

Comfort

- Suitable for universal use
- Time saved thanks to fewer disc changes
- Minimal dust

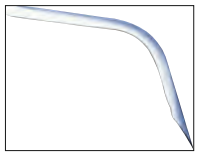
Safety

- Satisfies the most stringent oSa safety requirements
- Certified quality
- Fibreglass reinforcement
- Disc does not break

Service life

- Good service life in steel and stainless steel







Art. No.	Diameter (Durchmesser)	Thickness (Stärke)	Bore diameter (Bohrungs-Durchmesser)	Version (Ausführung)	Packaging unit (VPE)
0670 055 115	115.0 mm	1.6 mm	22.23 mm	Straight	50 PCS
0670 055 125	125.0 mm	1.6 mm	22.23 mm	Straight	50 PCS

R/s cutting disc for steel

Product description:
Rallye/s — the robust tool for steel. High-performance cutting disc with optimum results in steel. Ideal for all full and thin-walled materials such as pipes, sheet metal, profiles etc.

Advantages:
Speed
- High ease of cutting
- Time saving
- Large abrasive grains
- High removal rate

Safety
- Rough lateral surfaces enable safe clean cut
- OSA safety directives
- Strictly tested quality



- Fibreglass reinforcement
- Extremely resilient





Comfort
- Dust-free
- Dust build-up reduced by up to 50%
- Clean, burr-free and cool cuts
- Less rework

Service life
- Fibreglass reinforcement
- More and larger abrasive grains
- Even distribution of the abrasive grain with circular interspersal process
- Permanent maximum capacity in every phase
- Reheated special corundum
- Durability







Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 020 115	115.0 mm	AS 36-T-BF-80	1.5 mm	22.23 mm	Straight	25 PCS
0670 020 120	115.0 mm	AS 36-T-BF-80	2.0 mm	22.23 mm	Straight	25 PCS
0670 020 125	125.0 mm	AS 36-T-BF-80	1.5 mm	22.23 mm	Straight	25 PCS
0670 020 130	125.0 mm	AS 36-T-BF-80	2.0 mm	22.23 mm	Straight	25 PCS
0670 020 180	180.0 mm	AS 36-T-BF-80	2.0 mm	22.23 mm	Straight	25 PCS
0670 020 230	230.0 mm	AS 36-T-BF-80	2.0 mm	22.23 mm	Straight	25 PCS

R/i cutting disc for stainless steel

Product description:
Rallye/i — the robust tool for stainless steel.
Iron, chlorine and sulphur-free (≤ 0.1%) cutting disc (no surface rust) for cutting alloyed, high-alloy and non-rusting stainless steels. Cutting disc with ultra-fine abrasive grain.



Advantages:
Speed
- High ease of cutting
- Time saving
- Large abrasive grains
- High removal rate





Safety
- Rough lateral surfaces enable safe clean cut
- OSA safety directives
- Strictly tested quality
- Fibreglass reinforcement
- Extremely resilient

Comfort
- Dust-free
- Dust build-up reduced by up to 50%
- Clean, burr-free and cool cuts
- Less rework

Service life
- Fibreglass reinforcement
- More and larger abrasive grains

- Even distribution of the abrasive grain with circular interspersal process
- Permanent maximum capacity in every phase
- Reheated special corundum
- Durability



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 021 115	115.0 mm	AS 46-R-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 021 125	125.0 mm	AS 46-R-BF-80	1.6 mm	22.23 mm	Straight	25 PCS
0670 021 180	180.0 mm	AS 46-R-BF-80	2.0 mm	22.23 mm	Straight	25 PCS
0670 021 230	230.0 mm	AS 46-R-BF-80	2.5 mm	22.23 mm	Straight	25 PCS

T2/s cutting disc for steel

Product description:
For heavy-duty applications. Optimum performance in steel!
Medium-hard cutting disc for cutting high-strength construction and structural steels. Ideally suited for cutting high-strength solid material.



Advantages:
Speed
- Good cutting ability

Comfort
- Fewer disc changes thanks to extremely long service life
- Minimal dust

Safety
- Satisfies the most stringent oSa safety requirements
- Fibreglass reinforcement

Service life
- Optimum service life





Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 030 119	115.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Cranked	25 PCS
0670 030 115	115.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Straight	25 PCS
0670 030 129	125.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Cranked	25 PCS
0670 030 125	125.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Straight	25 PCS
0670 030 180	180.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Straight	25 PCS
0670 030 239	230.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Cranked	25 PCS
0670 030 230	230.0 mm	A 30-P-BF-80	2.5 mm	22.23 mm	Straight	25 PCS

T3/s cutting disc for steel

Product description:
Hard cutting disc for cutting high-strength construction and structural steels.
Long service life when cutting solid material.

Advantages:
Speed
- Good cutting ability

Comfort
- Fewer disc changes thanks to extremely long service life
- Minimal dust

Safety
- Satisfies the most stringent oSa safety requirements
- Fibreglass reinforcement

Service life
- Optimum service life















Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 031 115	115.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Straight	25 PCS
0670 031 129	125.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Cranked	25 PCS
0670 031 125	125.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Straight	25 PCS
0670 031 180	180.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Straight	25 PCS
0670 031 239	230.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Cranked	25 PCS
0670 031 230	230.0 mm	A 30-T-BF-80	3.2 mm	22.23 mm	Straight	25 PCS

A3 2in1 cutting disc for steel and stainless steel

Product description:
The robust tool. Universal use in steel and stainless steel

Advantages:
Speed
- Short cutting times in steel and stainless steel

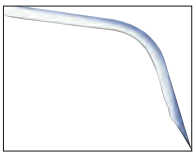
Comfort
- Universal application
- Time saving thanks to fewer disc changes
- Dust-free

Safety
- Satisfies the most stringent oSa safety requirements
- Tested quality
- Fibreglass reinforcement
- No disc breakage



Service life
- Long service life in steel and stainless steel







Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 051 119	115.0 mm	A 30-S-BF-80	2.5 mm	22.23 mm	Cranked	50 PCS
0670 051 129	125.0 mm	A 30-S-BF-80	2.5 mm	22.23 mm	Cranked	50 PCS
0670 051 180	180.0 mm	A 30-S-BF-80	2.5 mm	22.23 mm	Straight	50 PCS
0670 051 239	230.0 mm	A 30-S-BF-80	2.5 mm	22.23 mm	Cranked	50 PCS
0670 051 230	230.0 mm	A 30-S-BF-80	2.5 mm	22.23 mm	Straight	50 PCS

T4/s cutting disc for steel

Product description:
Large-diameter cutting disc

Advantages:
Speed
- Good cutting ability

Comfort
- Fewer disc changes thanks to extremely long service life
- Minimal dust

Safety
- Satisfies the most stringent oSa safety requirements
- Fibreglass reinforcement



Service life
- Optimum service life



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 030 300	300.0 mm	A 30-P-BF-80	4.0 mm	20 mm	Straight	10 PCS
0670 030 302	300.0 mm	A 30-P-BF-80	4.0 mm	22.23 mm	Straight	10 PCS
0670 030 305	300.0 mm	A 30-P-BF-80	4.0 mm	25.4 mm	Straight	10 PCS
0670 030 350	350.0 mm	A 30-P-BF-80	4.0 mm	20 mm	Straight	10 PCS
0670 030 355	350.0 mm	A 30-P-BF-80	4.0 mm	25.4 mm	Straight	10 PCS

D/i cutting disc for stainless steel

Product description:
Dragster D/i cutting discs — The superfast tool for thin materials.
Particularly suited for precise and burr-free cutting of thin-walled materials.
The iron, chlorine and sulphur-free (≤ 0.1%) cutting disc is suitable for stainless steel, steel, aluminium and other non-ferrous metals.







Advantages:
Speed
- Extremely thin disc
- Fastest cutting times

Comfort
- Precise, chatter-free and burr-free cuts
- Less rework
- Extremely quiet, clean and cool cuts

Safety
- Rough lateral surfaces
- Enables safe clean cut
- Predetermined breaking point
- Injury-free working
- Fibreglass reinforcement
- Extreme resilient
- OSA directives
- Strictly tested quality

Service life
- Uniform distribution of abrasive grain through circular interspersal method
- Permanent maximum capacity in every phase



Art. No.	Diameter	Type description	Thickness	Bore diameter	Version	Packaging unit (VPE)
0670 100 115	115.0 mm	AS 60-S-BF-80	0.8 mm	22.23 mm	Cranked	25 PCS
0670 100 125	125.0 mm	AS 60-S-BF-80	0.8 mm	22.23 mm	Cranked	25 PCS

Aluminium cutting disc

Product description:
The aluminium specialist for universal application on all lubricating non-ferrous metals such as aluminium, copper, zinc, lead and their alloys. The discs are saturated in paraffin to prevent smearing.



Art. No.	Diameter	Thickness	Type description	Bore diameter	Version	Package size	Packaging unit (VPE)
0670 120 115	115.0 mm	1.5 mm	A 30-O-BF-80	22.23 mm	Cranked	25	1 PCS
0670 120 125	125.0 mm	1.5 mm	A 30-O-BF-80	22.23 mm	Cranked	25	1 PCS
0670 120 230	230.0 mm	1.9 mm	A 30-O-BF-80	22.23 mm	Straight	25	1 PCS



Stone cutting disc for stone

Product description:
STONE cutting disc for universal application in natural and artificial stone, cast iron, concrete and reinforced concrete



Art. No.	Diameter	Thickness	Bore diameter	Type description	Version	Packaging unit (VPE)
0670 150 115	115.0 mm	3.0 mm	22.23 mm	C 30-S-BF-80	Cranked	25 PCS
0670 150 125	125.0 mm	3.0 mm	22.23 mm	C 30-S-BF-80	Cranked	25 PCS
0670 150 230	230.0 mm	3.0 mm	22.23 mm	C 30-S-BF-80	Straight	25 PCS
0670 150 300	300.0 mm	3.5 mm	20.0 mm	C 30-S-BF-80	Straight	10 PCS
0670 150 302	300.0 mm	3.5 mm	22.23 mm	C 30-S-BF-80	Straight	10 PCS
0670 150 350	350.0 mm	3.5 mm	22.23 mm	C 30-S-BF-100	Straight	10 PCS
0670 150 355	350.0 mm	3.5 mm	22.23 mm	C 30-S-BF-100	Straight	10 PCS



Multi Cut cutting disc

Carbide-tipped cutting disc

Product description:
Multi Cut cutting discs can cut almost anything

Advantages:
- Universal: cuts almost all materials
- Safe: carbide granulate is fused to the basic body using a special laser melting process
- Fast: thin disc allows fastest cutting speed

Application area:
Hard and soft wood, wood with nails, plastic (cable ducts, pipes, etc.), plasterboard, fibre glass, Plexiglas, etc.

Field of Application:
Carbide-tipped cutting disc for universal application. Particularly suitable for wood, as the high circumferential speed prevents the wood from burning. For all construction and renovation work as well as mobile use (battery-operated machines). The perfect cutting wheel for electricians, plumbers and woodworkers.



Art. No.	Diameter	Thickness	Bore diameter	Packaging unit (VPE)
0670 200 076	76 mm	1.8 mm	10 mm	2 PCS
0670 200 125	125 mm	2.0 mm	22.23 mm	2 PCS

F3/i rough grinding disc

Product description:
F3/i — the sharp tool for a variety of applications.
Optimum comfort when sanding. The 3-mm rough grinding disc is suitable for a variety of metals (stainless steel, steel, cast iron, aluminium, bronze etc.). The newly developed ceramic sintered corundum is self-sharpening and does not clog.

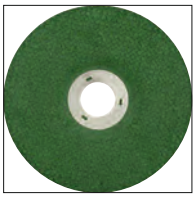
Advantages:
Removal rate
- Ceramic sintered corundum
- Self-sharpening
- Honeycomb structure
- Aggressive — abrasive grain is always sharp

Service life
- Ceramic sintered corundum
- Microfractures in the grain
- Honeycomb structure
- No clogging with lubricating materials

Comfort
- Low weight
- Minimal vibration and oscillation
- Flexible structure
- Comfortable to use
- Coarse and fine finishing in a single step
- Fewer work steps
- Minimal dust creation; reduced noise and dust

Safety
- Ceramic sintered corundum
- No fraying of the disc









- Carbon-reinforced fibreglass
- Extremely durable

Advice:
F3/i: 3-mm thick for Inox — not suitable for cutting.
Important: Use only with support plate, article no. 0669 011 100!



Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 011 125	125.0 mm	AS 36-H-BF-80	3.0 mm	22.23 mm	10 PCS



Support plate for F3/i rough grinding disc

Product description:
Support plate for using F3/i rough grinding disc

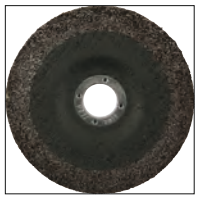


Art. No.	Packaging unit (VPE)
0669 011 100	5 PCS

RECAMIC rough grinding disc — optimum performance without compromise

Product description:
The RECAMIC rough grinding disc is the next development in the field of rough grinding discs. The RECAMIC sets new standards with a high proportion of specially treated ceramic abrasive grain. Considerably faster grinding over longer periods of time with less contact pressure required, making the rough grinding disc ideal for demanding metal processing work.





Advantages:
Speed/removal rate
- Self-sharpening ceramic abrasive grain
- Sharp abrasive grains always present
- Even distribution of the ceramic grain
- Low contact pressure required
- More ceramic abrasive grain in the tip
-

Service life
- Hard and tough ceramic abrasive grain
- Micro-fractures in the grain
- Unique ceramic abrasive grain binding system
- The abrasive grain is used to optimal effect
-

Safety
- oSa safety directive
- Strictly tested quality
- Fibreglass reinforcement
- Extremely resilient
-

Comfort
- Even distribution of the ceramic abrasive grain
- Low contact pressure required with higher removal rate
- Higher productivity
- Fine grain layer
- Ensures minimal vibration

Application area:
For metal removal

Field of Application:
Suitable for universal use with steel, stainless steel and other materials that are difficult to machine. Free from iron, sulphur and chlorine (≤ 0.1%).

Advice:
Use angle grinder with high power rating (> 1,200 W)







Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 500 115	115.0	CA 24-P-BF-80	7 mm	22.23	10 PCS
0669 500 125	125.0	CA 24-P-BF-80	7 mm	22.23	10 PCS
0669 500 180	180.0	CA 24-P-BF-80	7 mm	22.23	10 PCS
0669 500 230	230.0	CA 24-P-BF-80	7 mm	22.23	10 PCS

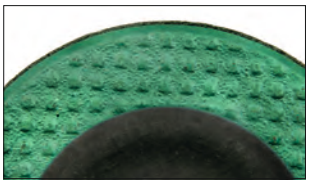
ultra rough grinding disc for steel and stainless steel

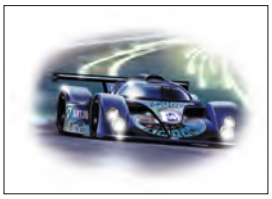
Product description:
Maximum material removal — minimum vibrations. Iron and sulphur-free rough grinding disc (no surface rust) with convenient and soft sanding properties. Especially suited for machining steel, stainless steel and other difficult-to-machine materials. Excellent for removing hard welding seams.



Advantages:
Removal rate
- Honeycomb structure
- Maximum aggressive properties — abrasive grain is always sharp
- Extra-hard corundum
- Micro-fractures in the grain

Comfort
- Minimum manufacturing tolerances ensure it runs extremely smoothly
- Honeycomb structure
- Maximum cooling





Service life
- 7 mm thick
- More abrasive grain available
- Low-vibration sanding
- Corundum lasts longer in the bond

Safety
- oSa safety directives
- Strictly tested quality
- Fibreglass reinforcement
- Extremely resilient



T6/s and T8/s rough grinding disc for steel

Product description:
Medium-hard Turbo rough grinding disc with high removal rate for the toughest operating conditions and high edge strength. Stepped design with Turbo profile. Satisfies the most stringent oSa safety requirements. Certified quality.



Advantages:
Speed
- Good removal rate

Comfort
- Fewer disc changes thanks to extremely long service life
- Dust-free

Safety
- Satisfies the most stringent oSa safety requirements
- Fibreglass reinforcement

Service life
- Maximum service life





Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 030 115	115.0 mm	A 24-T-BF-80	6.0 mm	22.23 mm	25 PCS
0669 030 125	125.0 mm	A 24-T-BF-80	6.0 mm	22.23 mm	25 PCS
0669 030 150	150.0 mm	A 24-T-BF-80	6.0 mm	22.23 mm	25 PCS
0669 030 180	180.0 mm	A 24-T-BF-80	6.0 mm	22.23 mm	10 PCS
0669 031 180	180.0 mm	A 24-T-BF-80	8.0 mm	22.23 mm	10 PCS
0669 030 230	230.0 mm	A 24-T-BF-80	6.0 mm	22.23 mm	10 PCS
0669 031 230	230.0 mm	A 24-T-BF-80	8.0 mm	22.23 mm	10 PCS

A6 and A8 2in1 rough grinding disc for steel and stainless steel

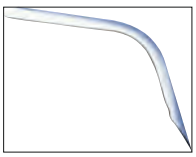
Product description:
Quality rough grinding disc well-suited for both stainless steel and steel.
Affordable, powerful standard rough grinding disc with good performance figures.
Time saved thanks to fewer disc changes.
Satisfies the most stringent oSa safety requirements. Certified quality.



Advantages:
Speed
- Rapid rough grinding times in steel and stainless steel

Comfort
- Universal application
- Time saving thanks to fewer disc changes
- Dust-free

Safety
- Satisfies the most stringent oSa safety requirements
- Tested quality
- Fibreglass reinforcement
- No disc breakage



Service life
- Long service life in steel and stainless steel

Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 050 115	115.0 mm	A 24-S-BF-80	6.0 mm	22.23 mm	25 PCS
0669 050 125	125.0 mm	A 24-S-BF-80	6.0 mm	22.23 mm	25 PCS
0669 051 180	180.0 mm	A 24-S-BF-80	8.0 mm	22.23 mm	10 PCS
0669 051 230	230.0 mm	A 24-S-BF-80	8.0 mm	22.23 mm	10 PCS

Aluminium rough grinding disc

Product description:
The aluminium rough grinding discs for universal application on all lubricating non-ferrous metals such as aluminium, copper, zinc, lead and their alloys. The discs are saturated in paraffin to prevent smearing.



Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 120 125	125.0 mm	A 24-P-BF-80	6.0 mm	22.23 mm	10 PCS

Special rough grinding disc for pipeline construction

Product description:
Special rough grinding disc for pipeline construction. For chamfering pipes and profiles. Very hard rough grinding disc with long service life for combined use as cutting disc and rough grinding disc in pipeline construction.



Art. No.	Diameter	Type description	Thickness	Bore diameter	Packaging unit (VPE)
0669 160 125	125.0 mm	A 24-T-BF-80	4.0 mm	22.23 mm	25 PCS

T-Mop flap discs

Product description:
Optimum performance on materials that are difficult to machine (cp. steels, tool steels, stainless steel etc.). Universal application for machining all metals. Ideal for machining edges and welding seams and for chamfering. Free from iron, chlorine and sulphur (≤ 0.1%).



Advantages:
SPEED/REMOVAL RATE
- Self-sharpening ceramic abrasive grain
- Sharp abrasive grains always present
- Cotton/polyester abrasive cloth that can be repositioned
- Lower abrasive grain layers are used

COMFORT
- Active grinding top layer
- Lowest-temperature sanding for less discolouration
- Ceramic abrasive grain produces a more uniform grinding finish
- Less rework

SERVICE LIFE
- Hard and tough ceramic abrasive grain
- Micro-fractures in the grain
- Full epoxy resin binding
- Ceramic abrasive grain remains on the fibre until it is fully worn
- Robust abrasive cloth (cotton/polyester)
- Maximum wear resistance when machining edges











Art. No.	Diameter	Version	Bore diameter	Grid size	Packaging unit (VPE)
0666 730 040	125.0 mm	Cranked	22.23 mm	40	10 PCS
0666 730 060	125.0 mm	Cranked	22.23 mm	60	10 PCS
0666 731 040	178.0 mm	Cranked	22.23 mm	40	10 PCS
0666 731 060	178.0 mm	Cranked	22.23 mm	60	10 PCS

R-Mop flap disc

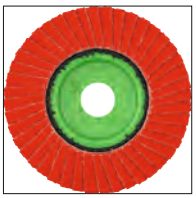
Product description:
The flap disc is designed for maximum removal. Optimum performance on materials that are difficult to machine (cp. steels, tool steels, stainless steel etc.). Universal application for machining all metals. Ideal for machining edges and welding seams and for chamfering. Free from iron, chlorine and sulphur (≤ 0.1%).

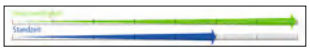


Advantages:
SPEED/REMOVAL RATE
- Maximum removal using ceramic abrasive grain with self-sharpening properties
- Sharp abrasive grains always present
- Cotton/polyester abrasive cloth that can be repositioned
- Lower abrasive grain layers are used

COMFORT

- Less vibration thanks to special support plate
- Active grinding top layer
- Lowest-temperature sanding for less discolouration
- Ceramic abrasive grain produces a more uniform grinding finish
- Less rework





SERVICE LIFE
- Special plastic carrier disc that can be repositioned
- Abrasive layer can be used until fully worn out
- Hard and tough ceramic abrasive grain
- Micro-fractures in the grain
- Full epoxy resin binding
- Ceramic abrasive grain remains on the fibre until it is fully worn
- Robust abrasive cloth (cotton/polyester)
- Maximum wear resistance when machining edges







Art. No.	Diameter	Version	Bore diameter	Grid size	Packaging unit (VPE)
0666 325 040	125 mm	Cranked	22.23 mm	40	25 PCS

Rondo-Mop flap disc

Product description:
Possible to grind fillet welds thanks to the special design of the curved lamellas. Optimum performance on materials that are difficult to machine (cp. steels, tool steels, stainless steel etc.). Universal application for machining all metals. Ideal for machining fillet welds and welding seams and for chamfering. Free from iron, chlorine and sulphur (≤ 0.1%).



Advantages:
Special design with curved lamellas
- Facilitates the grinding of fillet welds and hard-to-reach places
- Frontal grinding is also possible thanks to the grinding lamellas at a 90° angle

SPEED/REMOVAL
- Ceramic abrasive grain with self-sharpening properties
- Abrasive grains are always sharp
- Cotton/polyester abrasive cloth that can be repositioned
- Lower abrasive grain layers are used

COMFORT
- Active grinding top layer
- Lowest-temperature sanding for fewer tempering colours
- Ceramic abrasive grain produces a more uniform grinding finish
- Little reworking required

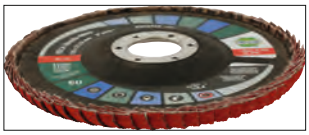
SERVICE LIFE
- Hard and tough ceramic abrasive grain
- Microfractures in the grain
- Full synthetic resin bonding
- Ceramic abrasive grain remains on the fibre until it is fully worn
- Robust abrasive cloth (cotton/polyester)
- Maximum wear resistance when machining edges





Art. No.	Diameter	Version	Bore diameter	Grid size	Packaging unit (VPE)
0666 080 060	125 mm	Cranked	22.23 mm	60	5 PCS





ela-mop flap discs

Zirconium abrasive flap disc with elastic plastic disc. Slightly curved (6°)

Advantages:

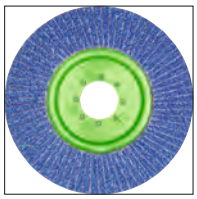
- New design, first semi-flexible product for high-speed angle grinders. To date, only rigid carrier discs were possible on account of the adhesive system. Owing to the elastic properties of the adhesive, the new patented adhesive system enables the lamellas to be attached to a flexible disc.
- The elastic plastic disc, which appears slightly curved, can be placed against the material's surface more effectively than any straight abrasive flap disc and therefore achieves an excellent groove and ripple-free sanding surface.
- Advantages of the RECA ela-mop
- Enhanced surface adaptation
- Wider sanding surface, which enables greatly enhanced planar sanding (fewer grooves and ripples)
- More abrasive grain used, therefore much higher removal rate
- Extremely long service life
- Particularly soft and cool sanding
- The flexible properties reduce the vibration load on the wrist
- The plastic disc can be used down to the last millimetre by trimming
- Carrier disc made from food-safe plastic



Field of Application:

Universal use on iron, steel, stainless steel, cast iron, non-ferrous base metals and aluminium. For derusting, deburring and dressing. Ideal for planar sanding. Speed-adjustable angle grinders increase service life by up to 100%

Art. No.	Diameter	Bore diameter	Grid size	Packaging unit (VPE)
0666 111 540	115.0 mm	22.23 mm	40	10 PCS
0666 111 560	115.0 mm	22.23 mm	60	10 PCS
0666 111 580	115.0 mm	22.23 mm	80	10 PCS
0666 111 512	115.0 mm	22.23 mm	120	10 PCS
0666 112 540	125.0 mm	22.23 mm	40	10 PCS
0666 112 560	125.0 mm	22.23 mm	60	10 PCS
0666 112 580	125.0 mm	22.23 mm	80	10 PCS
0666 112 512	125.0 mm	22.23 mm	120	10 PCS















D/i-Mop flap wheel discs

Flap disc with aperture

Advantages:

- Unrestricted view of the workpiece enables controlled material removal.
- Cool sanding thanks to disc recesses.
- Zirconia alumina design for aggressive removal properties.

Field of Application:

Ideal for machining thin sheet metal and for smoothing fine welding seams; for removing tempering colours, rust and paint; for machining stainless steel, steel, aluminium and non-ferrous metals.



Art. No.	Diameter	Drill diameter	Grid size	Packaging unit (VPE)
0666 025 040	125.0 mm	22.2 mm	40	10 PCS
0666 025 060	125.0 mm	22.2 mm	60	10 PCS
0666 025 080	125.0 mm	22.2 mm	80	10 PCS

F/s-Mop flap wheel discs, offset

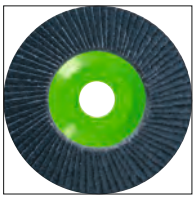
Product description:
Optimum performance on steel materials. Universal use on steel, cast iron and stainless steel. Equally suited for sanding edges and surfaces. Free from iron, chlorine and sulphur (≤ 0.1%).



Advantages:
SPEED/REMOVAL RATE
- Self-sharpening zirconia alumina
- Fresh abrasive grain always available
- Dense interspersal
- More abrasive grain

COMFORT
- Special plastic disc
- Less vibration

SERVICE LIFE
- Special plastic carrier disc that can be repositioned
- Abrasive layer can be used until fully worn out
- Robust abrasive cloth (cotton/polyester)
- Ideal for edge and surface sanding











Art. No.	Diameter (Durchmesser)	Version	Bore diameter (Bohrungs-Durchmesser)	Grid size (Körnung)	Packaging unit (VPE)
0666 515 040	115.0 mm	Cranked	22.2 mm	40	10 PCS
0666 515 060	115.0 mm	Cranked	22.2 mm	60	10 PCS
0666 515 080	115.0 mm	Cranked	22.2 mm	80	10 PCS
0666 515 120	115.0 mm	Cranked	22.2 mm	120	10 PCS
0666 525 040	125.0 mm	Cranked	22.2 mm	40	10 PCS
0666 525 060	125.0 mm	Cranked	22.2 mm	60	10 PCS
0666 525 080	125.0 mm	Cranked	22.2 mm	80	10 PCS
0666 525 120	125.0 mm	Cranked	22.2 mm	120	10 PCS

F/s-Mop flap wheel discs, straight

Product description:
Optimum performance on steel materials. Universal use on steel, cast iron and stainless steel. Equally suited for sanding edges and surfaces. Free from iron, chlorine and sulphur (≤ 0.1%).



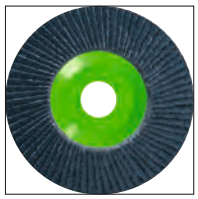
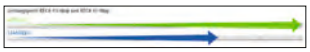
Advantages:
SPEED/REMOVAL RATE
- Self-sharpening zirconia alumina
- Fresh abrasive grain always available
- Dense interspersal
- More abrasive grain

COMFORT
- Special plastic disc
- Fewer vibrations

SERVICE LIFE
- Special plastic carrier disc that can be repositioned
- Abrasive layer can be used until fully worn out
- Robust abrasive cloth (cotton/polyester)
- Ideal for edge and surface sanding





Art. No.	Diameter (Durchmesser)	Version	Bore diameter (Bohrungs-Durchmesser)	Grid size (Körnung)	Packaging unit (VPE)
0666 425 040	125.0 mm	Straight	22.2 mm	40	10 PCS
0666 425 060	125.0 mm	Straight	22.2 mm	60	10 PCS
0666 425 080	125.0 mm	Straight	22.2 mm	80	10 PCS

F/i-Mop flap discs

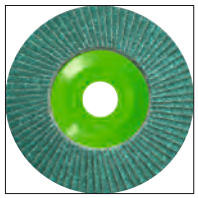
Product description:
Optimum performance on stainless steel. Can also be used on steel and materials that are difficult to machine. Equally suited for sanding edges and surfaces. Free from iron, chlorine and sulphur (≤ 0.1%).

Advantages:
SPEED/REMOVAL
- Active grinding top layer
- No glazing effect
- Easy-to-reposition cotton fibre
- Fresh abrasive grain always available

COMFORT
- Lowest-temperature sanding — up to 40% lower sanding temperatures
- Fewer tempering colours and therefore less reworking
- Special plastic disc
- Fewer vibrations



SERVICE LIFE
- Special plastic carrier disc that can be repositioned
- Abrasive layer can be used until there is nothing left
- Active grinding top layer
- No glazing effect








Art. No.	Diameter (Durchmesser)	Version	Bore diameter (Bohrungs-Durchmesser)	Grid size (Körnung)	Packaging unit (VPE)
0666 526 040	125.0 mm	Cranked	22.2 mm	40	10 PCS
0666 526 060	125.0 mm	Cranked	22.2 mm	60	10 PCS
0666 526 080	125.0 mm	Cranked	22.2 mm	80	10 PCS
0666 526 120	125.0 mm	Cranked	22.2 mm	120	10 PCS

Flex-Mop flap discs

Zirconia abrasive flap disc with fibreglass backing, straight

Advantages:

- Uniform grinding finish until worn fully
- Low noise level
- Short set-up times
- Dimensionally stable
- Cool sanding
- Aggressive sanding properties

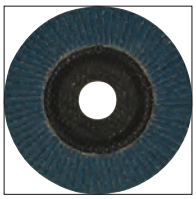
Field of Application:

Universal use on iron, steel, stainless steel, cast iron, non-ferrous base metals and aluminium. For derusting, deburring and dressing, cleaning weld seams and surfaces. Ideal for container construction, machine construction and fixture construction.





Art. No.	Diameter	Bore diameter	Grid size	Packaging unit (VPE)
0666 011 640	115.0 mm	22.23 mm	40	25 PCS
0666 011 660	115.0 mm	22.23 mm	60	25 PCS
0666 011 680	115.0 mm	22.23 mm	80	25 PCS
0666 012 640	125.0 mm	22.23 mm	40	25 PCS
0666 012 660	125.0 mm	22.23 mm	60	25 PCS
0666 012 680	125.0 mm	22.23 mm	80	25 PCS



Flex-Mop flap wheel discs, curved

Zirconium abrasive flap disc with fibreglass plate

Advantages:

- Uniform grinding finish until worn fully
- Low noise level
- Short set-up times
- Dimensionally stable
- Cool sanding
- Aggressive sanding properties

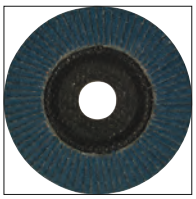
Field of Application:

Universal use on iron, steel, stainless steel, cast iron, non-ferrous base metals and aluminium. For derusting, deburring and dressing, cleaning weld seams and surfaces. Ideal for container construction, machine construction and fixture construction.





Art. No.	Diameter	Bore diameter	Grid size	Packaging unit (VPE)
0666 011 536	115.0 mm	22.23 mm	36	25 PCS
0666 011 540	115.0 mm	22.23 mm	40	25 PCS
0666 011 549	115.0 mm	22.23 mm	40	100 PCS
0666 011 560	115.0 mm	22.23 mm	60	25 PCS
0666 011 569	115.0 mm	22.23 mm	60	100 PCS
0666 011 580	115.0 mm	22.23 mm	80	25 PCS
0666 012 536	125.0 mm	22.23 mm	36	25 PCS
0666 012 540	125.0 mm	22.23 mm	40	25 PCS
0666 012 549	125.0 mm	22.23 mm	40	100 PCS
0666 012 560	125.0 mm	22.23 mm	60	25 PCS
0666 012 569	125.0 mm	22.23 mm	60	100 PCS
0666 012 580	125.0 mm	22.23 mm	80	25 PCS
0666 015 040	150.0 mm	22.23 mm	40	10 PCS
0666 017 840	178.0 mm	22.23 mm	40	10 PCS
0666 017 860	178.0 mm	22.23 mm	60	10 PCS



Flex-Mop flap discs

Synthetic corundum abrasive flap disc with fibreglass plate in curved design

Advantages:

- Uniform grinding finish until fully worn
- Low noise level
- Short set-up times
- Dimensionally stable
- Cool sanding
- Aggressive sanding properties

Field of Application:
Recommended in particular for aluminium and non-ferrous metals and other heat-sensitive and lubricating raw materials.





Art. No.	Diameter	Bore diameter	Grid size	Packaging unit (VPE)
0666 001 540	115.0 mm	22.23 mm	40	25 PCS
0666 001 560	115.0 mm	22.23 mm	60	25 PCS
0666 001 580	115.0 mm	22.23 mm	80	25 PCS



fire-mop flap discs

Product description:
Nylon abrasive flap disc with fibreglass plate. Harder and more aggressive version of the clean-mop, with a max. rotation speed of 10,000 rpm.

Advantages:
- Extremely long service life with highly aggressive sanding
- Designed for higher rotation speeds (max. speed 10,000 rpm)
- Free from metals susceptible to corrosion, Fe, S and Cl-free (≤ 0.1%)
- Low noise level and cool sanding

Field of Application:
Cleaning welding seams (tempering colours). For removing rust, corrosion residue, scale, dirt, stubborn paint residue, coatings and other clogging materials. Alternative to etching welding seams, wire brushes and other cleaning tools. Stainless steel, standard and special steel, aluminium, titanium, non-ferrous metals, alloys, fibreglass, stone and wood



Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 900 020	125.0 mm	22.23 mm	7800 U/min(rpm)	10000 U/min(rpm)	36	5 PCS



clean-mop flap discs

Product description:
Nylon abrasive flap disc with elastic plastic disc

Advantages:
- Flexible structure adapts to the contours and shape of the workpiece
- Open structure ensures cool grinding and prevents the disc becoming clogged with surface abrasion
- Free from metals susceptible to corrosion, Fe, S and Cl-free (<= 0.1%)
- Long service life
- New abrasive grain is continuously released thanks to the even grain distribution in the fabric. This produces an even grinding finish.

Field of Application:
Deep-pore cleaning of metals (sandblast effect) such as stainless steel, steel, cast iron and non-ferrous base metals. For removing rust, corrosion residue, scale, dirt, stubborn paint residue, coatings and tempering colours, particularly on stainless steels. Matting surfaces, light deburring work and smoothing wood. Preparatory roughening work for adhesive bonds



Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 912 546	125.0 mm	22.23 mm	3000 U/min(rpm)	5000 U/min(rpm)	36	5 PCS





Semi-flexible sanding discs

Machining concrete and natural stone

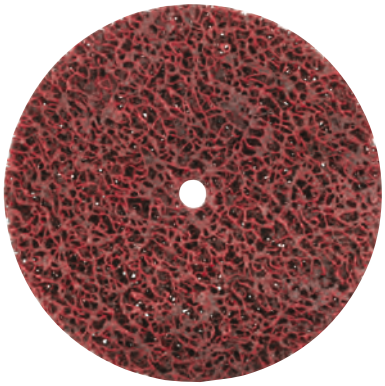
Product description:
The sanding disc is a strong vulcanised fibre disc to which the abrasive grains are applied in several layers one on top of the another. It can be used on all commercially available angle grinders in combination with a support plate (article no. 0665 115). The frictional heat generated makes the sanding disc slightly flexible. It is ideal for machining contours and surfaces, particularly on concrete and natural stone, and on grey cast iron. Approved for 80 m/s or 11,500 rpm



Art. No.	Diameter	Bore diameter	Grid size	Packaging unit (VPE)
0665 811 516	115.0 mm	22.23 mm	16	10 PCS
0665 811 524	115.0 mm	22.23 mm	24	10 PCS

fire-disc cleaning disc

Field of Application:
Suitable for machining stainless steel, standard and special steel, aluminium, titanium, non-ferrous metals, alloys, fibreglass, plastic, stone, wood etc. Deep-pore cleaning of materials (sandblast effect), removal of rust, corrosion residue, scale, dirt, stubborn paint residue, coatings and tempering colours, particularly on stainless steels, matting surfaces, light deburring work, for use on drills or speed-controlled straight grinders



Advice:

- Nylon fleece with evenly-distributed silicon carbide
- Highly-aggressive cleaning performance thanks to the hard and dense grain binder composition
- No clogging or smearing of the discs
- Extremely long service life, since the abrasive grain is evenly distributed throughout the material thickness
- Consistent grinding finish
- Low heat development
- Optimal adjustment to the workpiece surface
- Low noise level
-
- < 0.1%)
-

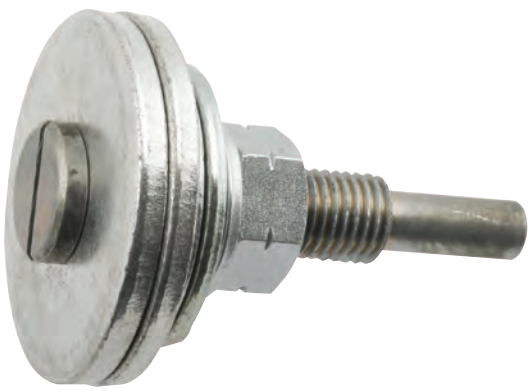
Art. No.	Diameter	Width	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 914 100	100.0 mm	13.0 mm	13 mm	6000 U/min(rpm)	8000 U/min(rpm)	36	10 PCS
0666 914 150	150.0 mm	13.0 mm	13 mm	4100 U/min(rpm)	5350 U/min(rpm)	36	10 PCS





Clamping mandrel for coarse cleaning discs and fluffy

Field of Application:
Clamping of one disc possible with article no. 0666 913 652. Clamping of two discs possible with article no. 0666 913 867.



Art. No.	Diameter	Length	Packaging unit (VPE)
0666 913 652	6.0 mm	52.0 mm	1 PCS
0666 913 867	8.0 mm	67.0 mm	1 PCS





Inox-mop flap discs

Abrasive flap disc with structured abrasive (Trizact*) for fine sanding

Advantages:

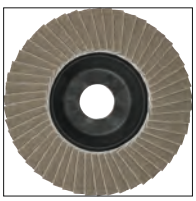
- Excellent polishing results, all the way up to a mirror finish.
- Enormous time savings and lower set-up costs compared to conventional processes as fewer steps are required.
- Aggressive abrasive — new layers of sanding material are continually exposed while machining.
- High degree of material removal while maintaining a fine grinding finish.
- Uniform sanding pattern through to completion.
- Service life is much longer compared to conventional abrasives.
- Plastic disc prevents damage occurring to the surface.



Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Advice:
*Trizact is a structured abrasive from 3M.

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 050 022	125.0 mm	22.23 mm	6000 U/min(rpm)	12250 U/min(rpm)	220 (A100)	10 PCS
0666 050 028	125.0 mm	22.23 mm	6000 U/min(rpm)	12250 U/min(rpm)	320 (A65)	10 PCS
0666 050 040	125.0 mm	22.23 mm	6000 U/min(rpm)	12250 U/min(rpm)	400 (A45)	10 PCS



finish-mop flap discs

Abrasive flap disc with felt for high-gloss polishing

Advantages:

- The RECA finish-mop produces a mirror finish by using grinding pastes.
- Does not contain an abrasive, which means no material is removed.
- Plastic disc prevents damage occurring to the surface.

Field of Application:

High-gloss polishing with grinding pastes: Pre-grinding paste (0674 35 700) and post-grinding paste (0674 35 701). Use a separate reca finish-mop for each of the two pastes used.



Advice:
Please note: Use speed-adjustable angle grinders and protective gloves and safety glasses!

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Packaging unit (VPE)
0666 060 125	125.0 mm	22.23 mm	3000 U/min(rpm)	7650 U/min(rpm)	5 PCS



Combi-mop flap discs

Combined flap disc with abrasive cloth and fleece facing — rapid material removal and finish in a single work step

Advantages:

- Material removal and finish with a single disc
- Reduces number of work steps — manual reworking no longer necessary
- Matching the grinding finish
- Removing tempering colours
- Cool sanding thanks to lamella structure
- Aluminium oxide abrasive with active grinding cooling layer
- Abrasive fleece fully permeated with grain
- Adapts to the shape of the material. Ideally suited for uneven and curved surfaces

Field of Application:
Suitable for smoothing fine welding seams; for removing tempering colours, light deburring; for finishing, cleaning, machining and polishing stainless steel, steel, aluminium and non-ferrous metals. Free from iron, sulphur and chlorine (≤ 0.1%)





Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 070 020	125.0 mm	22.2 mm	3000 U/min(rpm)	12250 U/min(rpm)	medium	5 PCS



RECA Compact

Grouted fleece compact discs for fine sanding

Product description:
The 12 mm grouted fleece compact discs are equipped with a plastic disc with cooling effect. This guarantees the coolest sanding with an optimal grinding finish.

Advantages:
Plastic disc with cooling effect
- Improved air supply to the workpiece – reduced sanding temperature and therefore less discolouration
- M14 threaded mount – fits on all conventional angle grinders
- No annoying clamping nuts – no scratching of the surface to be processed, grinding material can be completely used

Grouted Compact abrasive
- Removal and smoothing of narrow welding seams
- Removal of discolouration
- Light sanding
- Highly flexible fleece for sanding curved sections and surfaces
- Multi-layer pressed abrasive fleece with high abrasive grain content
- Very fine surface finish (low contact pressure) in one operation
- Maximum service life and wear resistance
- No clogging







Application area:
Welding seam removal and pre-polishing in a single work step. Compact Fast, grain 280: For pre-sanding and levelling of fine welding seams, even grain 60 scratches are smoothed out. Compact, grain 600: For pre-polishing, removing discolouration

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Art. No.	Type description	Diameter	Tool holding device	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 411 600	Compact	115 mm	M14	8000 U/min(rpm)	13300 U/min(rpm)	600	5 PCS
0668 411 280	Compact Fast	115 mm	M14	8000 U/min(rpm)	13300 U/min(rpm)	280	5 PCS

fleece-mop flap discs

Fleece-faced abrasive flap disc with fibreglass plate

Advantages:

- Abrasive fleece fully permeated with grain ensures a long service life.
- No clogging.
- Cool sanding owing to flap structure — no tempering colours.
- Adapts to the shape of the material. Ideally suited for uneven and curved surfaces.
- Available in a coarse, medium and fine design. Can be used for tasks ranging from grinding weld seams through to polishing surfaces.
- Very quick and perfect work results. Manual reworking no longer necessary.



Field of Application:
Smoothing of weld seams (coarse design). For removing tempering colours, rust, scale and paint. Suitable for fine finishing, cleaning, machining and polishing stainless steel, steel, aluminium and non-ferrous metals.

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0666 030 000	125.0 mm	22.23 mm	4000 U/min(rpm)	12250 U/min(rpm)	100 / coarse	10 PCS
0666 030 010	125.0 mm	22.23 mm	4000 U/min(rpm)	12250 U/min(rpm)	180 /medium	10 PCS
0666 030 020	125.0 mm	22.23 mm	4000 U/min(rpm)	12250 U/min(rpm)	280 / fine	10 PCS



fleece-mop flap discs

Fleece-faced abrasive flap disc with fibreglass plate

Product description:
10-piece fleece-mop set

Advantages:

- Abrasive fleece fully permeated with grain ensures a long service life.
- No clogging.
- Cool sanding owing to flap structure — no tempering colours.
- Adapts to the shape of the material. Ideally suited for uneven and curved surfaces.
- Available in a coarse, medium and fine design. Can be used for tasks ranging from grinding weld seams through to polishing surfaces.
- Very quick and perfect work results. Manual reworking no longer necessary.



Field of Application:
Smoothing of weld seams (coarse design). For removing tempering colours, rust, scale and paint. Suitable for fine finishing, cleaning, machining and polishing stainless steel, steel, aluminium and non-ferrous metals.

Art. No.	Diameter	Bore diameter	Composition of set	Packaging unit (VPE)
0666 030 099	125.0 mm	22.23 mm	2x reca non-woven, coarse; 5x reca non-woven, medium; 3x reca non-woven, fine	1 PCS

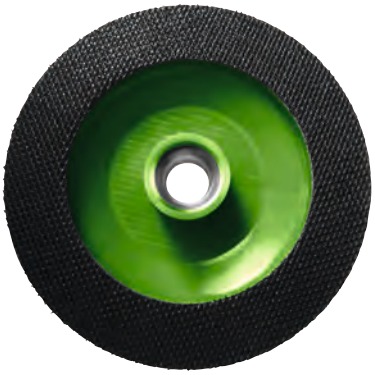


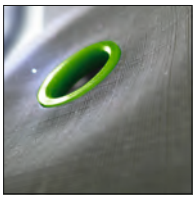
DISC support plate

Product description:
Only one disc required — all RECA DISC abrasives can be used with this disc

Advantages:
- Centring ensures better adhesion of the Velcro discs
- Precise and easy positioning of abrasives
- Significant reduction in vibrations when sanding

Advice:
For use with speed-adjustable angle grinders. Max. 7000 rpm



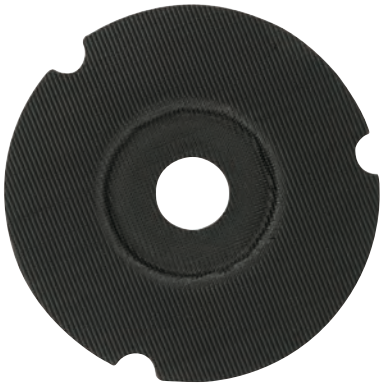


Art. No.	Diameter	Tool holding device	Packaging unit (VPE)
0668 000 100	100.0 mm	M14	1 PCS



DISC Soft-Fix fastener ring

Product description:
Soft sanding is possible in conjunction with the support plate (art. no. 0668 000 100). For using the Ceramic DISC, Inox DISC and Finish DISC.



Advantages:
- One disc for all applications
- From coarse sanding to a mirror finish
- Working in confined spaces
- Perfect concentricity
- Simple to centre
- Perfect hold
- No vibrations
- Ultra quick to change tools
- High-end abrasive
- Plastic disc prevents damage occurring to the surface
- Can be used with a speed-adjustable angle grinder

Patented design:
- More abrasive used
- Abrasive can be used efficiently right up until fully worn
- Convenient working

Advice:
For use with speed-adjustable angle grinders. Max. 7000 rpm

Art. No.	Diameter	Thickness	Packaging unit (VPE)
0668 000 115	115.0 mm	4 mm	1 PCS



Ceramic DISC

Product description:
The Ceramic DISC is equipped with the hardest and toughest abrasive grain — 3M Cubitron grain.



Advantages:
- Ceramic abrasive grain ensures permanent maximum performance (up to 3 times longer service life and abrasion rate compared to zirconia alumina)
- Self-sharpening effect through micro-fractures in the grain
- Consistent grinding finish
- Coolest grinding finish

Field of Application:
For machining all metals, particularly good for materials that are difficult to machine such as stainless steel, titanium, high-alloy steels etc.; for grinding welding seams. Deburring and chamfering

Advice:
Ceramic DISC can be used only with Soft-Fix (art. no. 0668 000 115) and support plate (art. no. 0668 000 100)

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 010 080	115.0 mm	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	80	10 PCS
0668 010 100	115.0 mm	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	100	10 PCS
0668 010 120	115.0 mm	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	120	10 PCS

INOX DISC

Product description:
Structured abrasive for fine sanding (3M Trizact)

Advantages:
- Excellent polishing results, all the way up to a mirror finish.
- Aggressive abrasive — new layers of sanding material are continually exposed while machining.
- High degree of material removal while maintaining a fine grinding finish.
- Uniform sanding pattern right up until fully worn.
- Service life is much longer compared to conventional abrasives.



Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Advice:
INOX DISC can be used only with Soft-Fix (art. no. 0668 000 115) and support plate (art. no. 0668 000 100)

Art. No.	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Diameter	Packaging unit (VPE)
0668 050 022	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	220 (A100)	115.0 mm	10 PCS
0668 050 032	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	320 (A65)	115.0 mm	10 PCS
0668 050 040	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	400 (A45)	115.0 mm	10 PCS
0668 050 120	22.2 mm	4000 U/min(rpm)	7000 U/min(rpm)	1200 (A16)	115.0 mm	10 PCS

Fleece DISC

Product description:
For covering surfaces and creating a surface finish

Advantages:
- Maximum removal rate and service life
- Quick and simple to replace discs thanks to Velcro fastening system
- Simple to centre, thereby significantly reducing vibrations
- Precise positioning of discs



Field of Application:
For removing and smoothing thin welding seams
Cleaning the surface and creating a surface finish
For removing tempering colours
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium etc.

Advice:
Fleece DISC can be used only with Soft-Fix (art. no. 0668 000 115) and support plate (art. no. 0668 000 100)

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 020 010	125.0 mm	22 mm	4000 U/min(rpm)	7000 U/min(rpm)	100 / coarse	10 PCS
0668 020 020	125.0 mm	22 mm	4000 U/min(rpm)	7000 U/min(rpm)	180 /medium	10 PCS

Art. No.	Diameter	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 020 030	125.0 mm	22 mm	4000 U/min(rpm)	7000 U/min(rpm)	280 / fine	10 PCS

Compact DISC

Product description:
Grouted fleece compact discs - The 6-mm-thick Compact DISC is highly suitable for confined spaces, such as fillet welds and internal edges on pipe constructions. The disc can also be used for frontal sanding thanks to its 125-mm diameter. By reducing the diameter, the remainder can be worked on when sanding surfaces or pipe constructions up to the end. Replaces the use of finger sanders. All models can be used with an angle grinder. The 12-mm-thick Compact DISC is primarily suitable for sanding curved sections and surfaces.

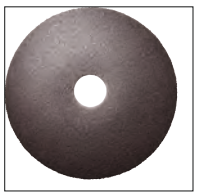


Advantages:
- Multi-layer pressed abrasive fleece with high abrasive grain content
- Very fine surface finish (low contact pressure) in one operation
- Maximum surface life and wear resistance
- Cool surface treatment
- No clogging
- Ecological, as virtually no residual material left over

Field of Application:
Welding seam removal and pre-polishing in a single work step
- Removing and smoothing thin welding seams
- Removing discolouration
- Light deburring
- Highly flexible fleece for sanding curved sections and surfaces
- For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Advice:
6AC/grain 100: For levelling welding seams
6AMD/grain 280: For pre-sanding and for levelling welding seams
3SFN/grain 600: For pre-polishing

Art. No.	Diameter	Thickness	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 106 280	125.0 mm	6 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 106 600	125.0 mm	6 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	600	5 PCS
0668 112 280	125.0 mm	12 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 112 600	125.0 mm	12 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	600	5 PCS



Compact Fast DISC

Product description:
Grouted fleece compact discs



Advantages:
- Extremely fast material removal (grain 280)
- Multi-layer grouted abrasive fleece with high abrasive grain content
- Fine surface finish (low contact pressure)
- Maximum surface life and wear resistance
- Cool surface treatment
- No clogging
- Ecological, as virtually no residual material left over

Application area:
For machining fillet welds and internal edges on pipe constructions. These discs are used on angle grinders and fillet seam grinders with frontal application.

Field of Application:
- Welding seam removal and pre-polishing in a single operation (grain 280)
- Removing and smoothing thin welding seams (grain 280)
- Removing discolouration (grain 600)
- Light deburring
- For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals

Advice:
5AM/grain 280: For pre-sanding and for levelling welding seams; 3SFN/grain 600: For removing discolouration, pre-polishing

Art. No.	Diameter	Thickness	Bore diameter	Recommended rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 432 280	125 mm	3 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 462 280	125 mm	6 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 462 600	125 mm	6 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	600	5 PCS
0668 435 280	150 mm	3 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 435 286	150 mm	3 mm	25.4 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 465 280	150 mm	6 mm	22.2	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 465 600	150 mm	6 mm	22.2 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 465 286	150 mm	6 mm	25.4 mm	3000 U/min(rpm)	5000 U/min(rpm)	280	5 PCS
0668 465 606	150 mm	6 mm	25.4 mm	3000 U/min(rpm)	5000 U/min(rpm)	600	5 PCS

Finish DISC

Product description:
Fleece for high-gloss polishing



Advantages:
- The Finish DISC produces a mirror finish by using grinding pastes. Does not contain an abrasive, which means no material is removed.

Field of Application:
Use a separate Finish DISC for each paste used (e.g. article no. 0674 35 700).

Advice:
The 10-mm-thick Finish DISC can be used without Soft-Fix (0668 000 115). Frontal application is also possible with the Finish DISC (0668 060 125) 125 mm.

Art. No.	Diameter	Thickness	Bore diameter	Recommended rotation speed	Max. rotation speed	Packaging unit (VPE)
0668 060 115	115.0 mm	10 mm	22.2 mm	2500 U/min(rpm)	5000 U/min(rpm)	5 PCS
0668 060 125	125.0 mm	10 mm	22.2 mm	2500 U/min(rpm)	5000 U/min(rpm)	5 PCS

DISC surface/mitre grinding set

Product description:
1 x support plate (art. no. 0668 000 100); 1 x Soft-Fix (art. no. 0668 000 115); 2 x Ceramic Disc (art. no. 0668 010 100); 2 x INOX Disc, grain: 220 (art. no. 0668 050 022); 2 x INOX Disc, grain: 400 (art. no. 0668 050 040); 1 x Easy Finish roller (art. no. 0674 600 180); 1 x INOX Protect Band (art. no. 0674 800 100)



Advantages:
- One disc for all applications
- From coarse sanding to a mirror finish
- Working in confined spaces
- Perfect concentricity
- Simple to centre
- Perfect hold
- No vibrations
- Ultra quick to change tools
- High-end abrasive
- Plastic disc prevents damage occurring to the surface
- Can be used with a speed-adjustable angle grinder

Patented design:
- More abrasive used
- Abrasive can be used efficiently right up until fully worn
- Convenient working

Application area:
Ideal for surface grinding. From welding seam removal to perfect mitre grinding. 10-piece

Advice:
For use with speed-adjustable angle grinders. Max. 7000 rpm

Art. No.	Packaging unit (VPE)
0668 300 300	1 PCS



DISC pipe machining

Product description:
Set for machining round pipes. For welding seam removal and subsequent finishing. The Compact Fast can be used to process fillet welds.



Advantages:
- One disc for all applications
- From coarse sanding to a mirror finish
- Working in confined spaces
- Perfect concentricity
- Simple to centre
- Perfect hold
- No vibrations
- Ultra quick to change tools
- High-end abrasive
- Plastic disc prevents damage occurring to the surface
- Can be used with a speed-adjustable angle grinder

Patented design:
- More abrasive used
- Abrasive can be used efficiently right up until fully worn
- Convenient working

Application area:
Set for machining round pipes. For welding seam removal and subsequent finishing. The Compact Fast can be used to process fillet welds.

Advice:
For use with speed-adjustable angle grinders. Max. 7000 rpm

Art. No.	Composition of set	Packaging unit (VPE)
0668 200 200	1 x support plate (art. no. 0668 000 100); 1 x Soft-Fix (art. no. 0668 000 115); 2 x Ceramic Disc (art. no. 0668 010 100); 1 x Compact Disc 12 mm, grain: 280 (art. no. 0668 112 280); 1 x Compact Disc 12 mm, grain: 600 (art. no. 0668 112 600); 1 x Compact Disc Fast (art. no. 0668 412 280)	1 PCS
0668 200 999	2 x Ceramic Disc (art. no. 0668 010 100); 1 x Compact Disc 12 mm, grain: 280 (art. no. 0668 112 280); 1 x Compact Disc 12 mm, grain: 600 (art. no. 0668 112 600); 1 x Compact Disc Fast (art. no. 0668 412 280)	1 PCS



Mini DISC support plate

Advantages:
- Fast and simple to replace the abrasives without the need for tools
- By simply rotating the discs, the abrasives can be removed from the support plate and attached
- Perfect for hard-to-reach areas
- All products are fully compatible
- Compatible with 3M Roloc system

Advice:
Use the sanding discs with a contact angle of 10 - 15°.





Art. No.	Diameter	Packaging unit (VPE)
0668 750 001		1 PCS
0668 550 000	51 mm	1 PCS
0668 750 000	76 mm	1 PCS

Mini DISC adapter for Mini DISC

Advantages:
- Simply unscrew the shaft attachment from the support plate and screw in the M14 attachment.

Advice:
The attachment enables the Mini DISC system support plates to be used on adjustable angle grinders with M14 thread as well.





Art. No.	Packaging unit (VPE)
0668 750 014	1 PCS



Mini DISC ceramic

Advantages:
- Fast and simple to replace the abrasives without the need for tools
- By simply rotating the discs, the abrasives can be removed from the support plate and attached
- Perfect for hard-to-reach areas
- All products are fully compatible
- For use on compressed air machines, adjustable straight grinders and adjustable angle grinders with M14 thread adapter
- Compatible with 3M Roloc system

Application area:
Ceramic abrasive grain with excellent and rapid material removal properties. Active grinding top layer for lowest-temperature sanding

Field of Application:
For machining all metals, particularly good for materials that are difficult to machine such as stainless steel, titanium, high-alloy steels etc.; for grinding welding seams. Deburring and chamfering





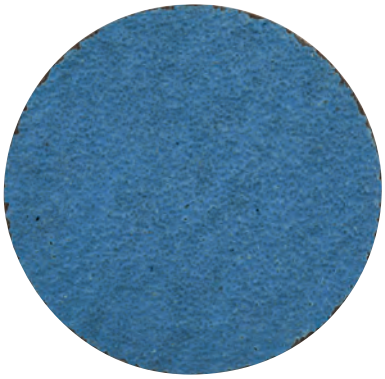
Art. No.	Diameter	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 550 036	51.0 mm	25000 U/min(rpm)	36	50 PCS
0668 550 060	51.0 mm	25000 U/min(rpm)	60	50 PCS
0668 550 080	51.0 mm	25000 U/min(rpm)	80	50 PCS
0668 550 120	51.0 mm	25000 U/min(rpm)	120	50 PCS
0668 750 036	76.0 mm	20000 U/min(rpm)	36	50 PCS
0668 750 060	76.0 mm	20000 U/min(rpm)	60	50 PCS
0668 750 080	76.0 mm	20000 U/min(rpm)	80	50 PCS
0668 750 120	76.0 mm	20000 U/min(rpm)	120	50 PCS

Mini DISC zirconium

Advantages:
- Fast and simple to replace the abrasives without the need for tools
- By simply rotating the discs, the abrasives can be removed from the support plate and attached
- Perfect for hard-to-reach areas
- All products are fully compatible
- For use on compressed air machines, adjustable straight grinders and adjustable angle grinders with M14 thread adapter
- Compatible with 3M Roloc system

Application area:
Zirconia alumina for rapid material removal

Field of Application:
For machining steel and stainless steel





Art. No.	Diameter	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 551 036	51.0 mm	25000 U/min(rpm)	36	50 PCS
0668 551 060	51.0 mm	25000 U/min(rpm)	60	50 PCS
0668 551 080	51.0 mm	25000 U/min(rpm)	80	50 PCS
0668 551 120	51.0 mm	25000 U/min(rpm)	120	50 PCS

Mini DISC fleece

Product description:
For covering surfaces and creating a surface finish

Advantages:
- Surface cleaning and creating a surface finish; removing discolouration

Field of Application:
Intermediate and final sanding of stainless steel, steel, tool steel, aluminium etc.





Art. No.	Diameter	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 553 100	51.0 mm	23000 U/min(rpm)	100 / coarse	25 PCS
0668 553 180	51.0 mm	23000 U/min(rpm)	180 /medium	25 PCS
0668 553 280	51.0 mm	23000 U/min(rpm)	280 / fine	25 PCS
0668 753 100	76.0 mm	18000 U/min(rpm)	100 / coarse	25 PCS
0668 753 180	76.0 mm	18000 U/min(rpm)	180 /medium	25 PCS
0668 753 280	76.0 mm	18000 U/min(rpm)	280 / fine	25 PCS



Mini DISC Clean

Product description:
Coarse cleaning disc

Advantages:
- For cleaning metals. Removing rust, paint and scale
- Soft version: Adapts to the surface

Field of Application:
For machining steel, stainless steel, aluminium etc.





Art. No.	Diameter	Max. rotation speed	Packaging unit (VPE)
0668 554 036	51.0 mm	18000 U/min(rpm)	10 PCS
0668 754 036	76.0 mm	15000 U/min(rpm)	10 PCS

Mini DISC Clean plus

Product description:
Coarse cleaning disc - with ceramic abrasive grain

Advantages:
- For cleaning metals. For removing rust, paint and scale
- Hard version: For maximum service life and material removal

Field of Application:
For machining steel, stainless steel, aluminium etc.





Art. No.	Diameter	Max. rotation speed	Packaging unit (VPE)
0668 554 040	51.0 mm	18000 U/min(rpm)	10 PCS
0668 754 040	76.0 mm	15000 U/min(rpm)	10 PCS

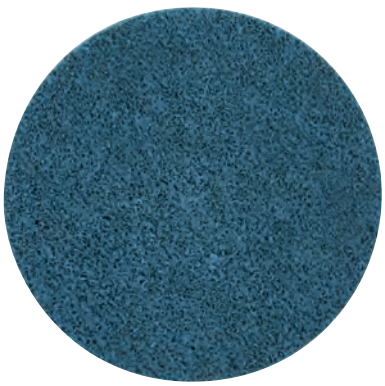
Mini DISC Compact Fast

Product description:
Grouted fleece compact discs

Advantages:
- Multi-layer grouted abrasive fleece with high abrasive grain content
- Fine surface finish (low contact pressure) in one operation
- Maximum surface life and wear resistance
- Cool surface treatment
- No clogging
- Ecological, as virtually no residual material left over
- For removing and smoothing thin welding seams
- For light deburring and removing discolouration
- The Mini Disc Compact Ø 76 mm can also be used on support plate Ø 51 mm (item no. 0668 550 000)

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Advice:
6AMD/grain 280: For pre-sanding and for levelling welding seams
3SFN/grain 600: For pre-polishing





Art. No.	Diameter	Thickness	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 755 280	76.0 mm	3.0 mm	15000 U/min(rpm)	280	10 PCS
0668 755 286	76.0 mm	6.0 mm	15000 U/min(rpm)	280	10 PCS
0668 755 600	76.0 mm	6.0 mm	15000 U/min(rpm)	600	10 PCS



Mini DISC starter kit, 51 mm

Product description:
Universal application for sanding surfaces, round pipes and in hard-to-reach places.

Advantages:
- Fast and simple to replace the abrasives without the need for tools
- By simply rotating the discs, the abrasives can be removed from the support plate and attached
- Perfect for hard-to-reach areas
- All products are fully compatible
- For use on compressed air machines, adjustable straight grinders and adjustable angle grinders with M14 thread adapter
- Compatible with 3M Roloc system





Art. No.	Equipping	Packaging unit (VPE)
0668 559 051	3 x Mini DISC ceramic, grain: 36 (art. no. 0668 550 036) 3 x Mini DISC ceramic, grain: 80 (art. no. 0668 550 080) 3 x Mini DISC ceramic, grain: 120 (art. no. 0668 550 120) 2 x Mini DISC fleece, medium/red (art. no. 0668 553 180) 1 x Mini DISC Clean plus (art. no. 0668 554 040) 1 x Mini DISC Compact Fast 3 mm, Ø 76 mm, grain: 280 (art. no. 0668 755 280) 1 x Mini DISC Compact Fast 6 mm, Ø 76 mm, grain: 280 (art. no. 0668 755 286) 1 x Mini DISC Compact 6 mm, Ø 76 mm, grain: 600 (art. no. 0668 755 600) 1 x Mini DISC support plate 51 mm (art. no. 0668 550 000)	1 PCS

Mini DISC starter kit, 76 mm

Product description:
Universal application for sanding surfaces, round pipes and in hard-to-reach places.

Advantages:
- Fast and simple to replace the abrasives without the need for tools
- By simply rotating the discs, the abrasives can be removed from the support plate and attached
- Perfect for hard-to-reach areas
- All products are fully compatible
- For use on compressed air machines, adjustable straight grinders and adjustable angle grinders with M14 thread adapter
- Compatible with 3M Roloc system





Art. No.	Equipping	Packaging unit (VPE)
0668 759 076	3 x Mini DISC ceramic, grain: 36 (art. no. 0668 750 036) 3 x Mini DISC ceramic, grain: 80 (art. no. 0668 750 080) 3 x Mini DISC ceramic, grain: 120 (art. no. 0668 750 120) 2 x Mini DISC fleece, medium/red (art. no. 0668 753 180) 1 x Mini DISC Clean plus (art. no. 0668 754 040) 1 x Mini DISC Compact Fast 3 mm, grain: 280 (art. no. 0668 755 280) 1 x Mini DISC Compact Fast 6 mm, grain: 280 (art. no. 0668 755 286) 1 x Mini DISC Compact 6 mm, grain: 600 (art. no. 0668 755 600) 1 x Mini DISC support plate 76 mm (art. no. 0668 750 000)	1 PCS

Cubitron II vulcanised fibre disc, stainless steel

Product description:
The 3M™ Cubitron™ II fibre disc for stainless steel is a high-performance disc ideal for materials that are difficult to machine, thanks to its active grinding top layer. The 3M™ Cubitron™ II ceramic abrasive grain delivers unprecedented material removal results and maximum service life. The fibre discs are ideal for welding seam machining, edge and surface sanding and deburring. Free from iron, chlorine and sulphur (≤ 0.1%).

Advantages:
Removal rate
- Vertically-arranged abrasive grains
- New sharp edges constantly appear on the abrasive grain
- Optimised performance from each abrasive grain
- No glazing thanks to active grinding top layer
-

Service life
- Precision-shaped and uniform abrasive grains



- Each abrasive grain is used to optimal effect
-

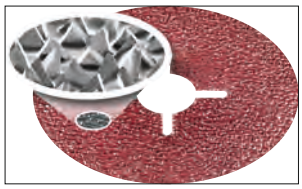
Comfort
- Lowest-temperature sanding thanks to active grinding top layer
- Vertically-arranged abrasive grains
- Low contact pressure required
- Consistent and improved surface finish

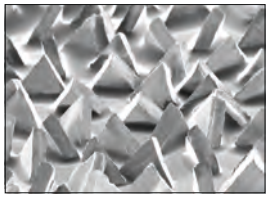
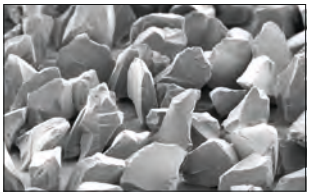
Field of Application:
Especially suited for steel, aluminium, brass and bronze.

Advice:
The „+" makes the difference. The uniformly shaped 3M™ Cubitron™ II ceramic abrasive grain is nothing like grains commonly used, which is why the grain is marked with a „+".










Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 045 036	125 mm	36+	25 PCS
0665 045 060	125 mm	60+	25 PCS
0665 045 080	125 mm	80+	25 PCS

Cubitron II vulcanised fibre disc, steel

Product description:
The 3M™ Cubitron™ II fibre disc for steel is a high-performance disc for steel and non-ferrous metals. The 3M™ Cubitron™ II ceramic abrasive grain delivers unprecedented material removal results and maximum service life. The fibre discs are ideal for welding seam machining, edge and surface sanding and deburring. Free from iron, chlorine and sulphur (≤ 0.1%).



Advantages:
Removal rate
- Vertically-arranged abrasive grains
- New sharp edges constantly appear on the abrasive grain
- Optimised performance from each abrasive grain

Service life
- Precision-shaped and uniform abrasive grains
- Each abrasive grain is used to optimal effect

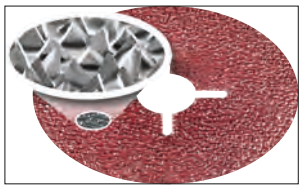
Comfort
- Vertically-arranged abrasive grains
- Low contact pressure required
- Consistent and improved surface finish

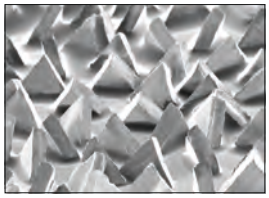
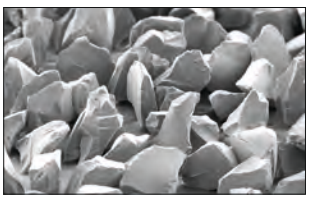
Field of Application:
Especially suited for steel, aluminium, brass and bronze.

Advice:
The „+" makes the difference. The uniformly shaped 3M™ Cubitron™ II ceramic abrasive grain is nothing like grains commonly used, which is why the grain is marked with a „+".










Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 040 036	125 mm	36+	25 PCS
0665 040 060	125 mm	60+	25 PCS
0665 040 080	125 mm	80+	25 PCS
0665 041 036	180 mm	36+	25 PCS
0665 041 060	180 mm	60+	25 PCS

Vulcanised fibre disc with ceramic abrasive grain

Product description:
The RECA ceramic fibre disc is equipped with the hardest and toughest abrasive grain. This ceramic sinter grain has been developed to provide a continued high level of performance for unprecedented sanding results using fibre discs. Up to three times the service life and three times the material removal in comparison with zirconia alumina fibre discs!

Advantages:
- Ceramic abrasive grain ensures permanent maximum performance
- Self-sharpening effect through micro-fractures in the grain
- Consistent grinding finish
- Coolest grinding finish

Field of Application:
For machining all metals, particularly good for materials that are difficult to machine such as stainless steel, titanium, high-alloy steels etc. Grinding welding seams; deburring and chamfering



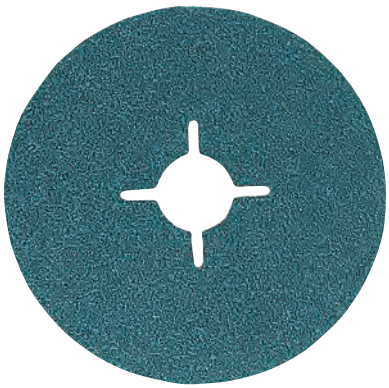


Art. No.	Diameter	Grid size	Drill hole	Packaging unit (VPE)
0665 070 036	115 mm	36	22 mm	25 PCS
0665 070 050	115 mm	50	22 mm	25 PCS
0665 070 060	115 mm	60	22 mm	25 PCS
0665 070 080	115 mm	80	22 mm	25 PCS
0665 070 120	115 mm	120	22 mm	25 PCS
0665 080 036	125 mm	36	22 mm	25 PCS
0665 080 050	125 mm	50	22 mm	25 PCS
0665 080 060	125 mm	60	22 mm	25 PCS
0665 080 080	125 mm	80	22 mm	25 PCS
0665 080 120	125 mm	120	22 mm	25 PCS



Zircon vulcanised fibre discs

Product description:
Zirconia alumina for optimum sanding results and longer service life.



Advantages:
- Heavy-duty vulcanised fibre quality
- Grain sharpens and cleans itself
- Special bond for hand-guided machines
- Outstanding permanent grinding effect
- Consistent grinding finish
- Cool grinding finish
- Long service life
- Permitted circumferential speed 80 m/s

Application area:
Grain 16–40: Levelling welding seams, spot-welding points, brazing seams. Deburring work on sheet-metal parts, cast iron components, forged parts. Grinding off sprues. Grain 40–80: Smoothing butt welds, edge breakage work and bare grinding on sheet and other metal surfaces. Grain 40–100: Derusting, sanding off old layers of paint and for fine sanding.

Field of Application:
Removing rust, paint, filler. For machining steel, stainless steel, cast iron, aluminium, welding seams, non-ferrous metals and wood. Deburring and chamfering. Ideal for steel construction, boiler and apparatus construction, foundries, sheet metalworkers, machine building and fixture construction. Use support plates!

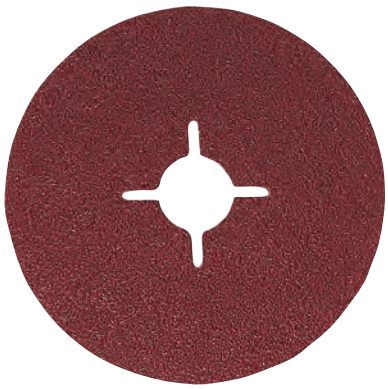
Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 111 503	115.0 mm	36	25 PCS
0665 111 504	115.0 mm	40	25 PCS
0665 111 506	115.0 mm	60	25 PCS
0665 111 508	115.0 mm	80	25 PCS
0665 111 510	115.0 mm	100	25 PCS

Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 112 503	125.0 mm	36	25 PCS
0665 112 504	125.0 mm	40	25 PCS
0665 112 506	125.0 mm	60	25 PCS
0665 112 508	125.0 mm	80	25 PCS
0665 112 510	125.0 mm	100	25 PCS



Synthetic corundum vulcanised fibre discs

Advantages:
- Electrostatic, densely interspersed corundum
- Long service life
- Highly effective abrasive
- High grain adhesion with epoxy resin binding
- 0.8-mm thick, tough-elastic vulcanised fibre, dimensionally-stable vulcanised fibre carrier
- Optimal adaptability
- Permitted circumferential speed 80 m/s



Application area:
Grain 16–40: Levelling welding seams, spot-welding points, brazing seams. Deburring work on sheet-metal parts, cast iron components, forged parts. Grinding off sprues. Grain 40–80: Smoothing butt welds, edge breakage work and bare grinding on sheet and other metal surfaces. Grain 40–100: Derusting, sanding off old layers of paint and for fine sanding. Grain 100–180: Fine sanding

Field of Application:
For machining non-alloyed steel and non-ferrous metals. Ideal for steel construction, boiler and apparatus construction, foundries, sheet metalworkers, machine building and fixture construction. Use support plates!

Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 115 24	115.0 mm	24	25 PCS
0665 115 36	115.0 mm	36	25 PCS
0665 115 40	115.0 mm	40	25 PCS
0665 115 60	115.0 mm	60	25 PCS
0665 115 80	115.0 mm	80	25 PCS
0665 115 100	115.0 mm	100	25 PCS
0665 115 120	115.0 mm	120	25 PCS
0665 115 180	115.0 mm	180	25 PCS
0665 125 16	125.0 mm	16	25 PCS
0665 125 24	125.0 mm	24	25 PCS
0665 125 36	125.0 mm	36	25 PCS
0665 125 40	125.0 mm	40	25 PCS
0665 125 60	125.0 mm	60	25 PCS
0665 125 80	125.0 mm	80	25 PCS
0665 125 100	125.0 mm	100	25 PCS
0665 125 120	125.0 mm	120	25 PCS
0665 125 180	125.0 mm	180	25 PCS
0665 178 24	180.0 mm	24	25 PCS

Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 178 36	180.0 mm	36	25 PCS
0665 178 40	180.0 mm	40	25 PCS
0665 178 60	180.0 mm	60	25 PCS
0665 178 80	180.0 mm	80	25 PCS

Turboinox support plate for vulcanised fibre discs

Product description:
Ideally suited for stainless steels such as INOX, V2A, Nirosta, lubricating materials such as GFRP, paint and non-ferrous metals. Heavy-duty and wear and abrasion-resistant thanks to high-quality plastic. Long service life and high cutting performance.





Art. No.	Diameter	Max. rotation speed	Tool holding device	Packaging unit (VPE)
0665 111	115.0 mm	15000 U/min(rpm)	M14	1 PCS
0665 112	125.0 mm	12500 U/min(rpm)	M14	1 PCS

Cubitron II support plate for vulcanised fibre disc

Product description:
Extremely hard support plate for optimal grind-off performance by fibre discs.
Special cooling fin design facilitates cool sanding.
Long service life and high cutting performance of Cubitron II fibre disc.





Art. No.	Diameter	Max. rotation speed	Tool holding device	Packaging unit (VPE)
0665 040 000	125 mm	12500 U/min(rpm)	M14	1 PCS
0665 040 180	180 mm	8500 U/min(rpm)	M14	1 PCS

Support plate for vulcanised fibre discs

Product description:
For angle grinders (supplied with flange). Suitable for fibre discs and silicon carbide sanding discs.

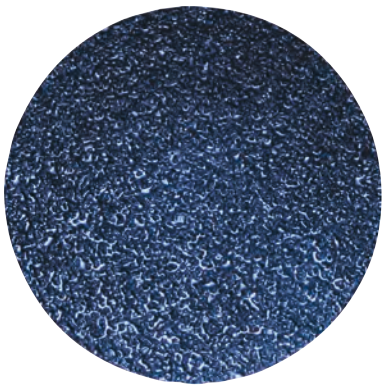


Art. No.	Diameter	Max. rotation speed	Tool holding device	Packaging unit (VPE)
0665 115	115.0 mm	15000 U/min(rpm)	M14	1 PCS
0665 125	125.0 mm	12500 U/min(rpm)	M14	1 PCS
0665 178	180.0 mm	8500 U/min(rpm)	M14	1 PCS

Velcro-backed sanding disc, zircon

Advantages:
- Zirconia alumina, electrostatically-closed with cooling agents
- Very high removal rate and long service life
- Fast, simple disc change thanks to Velcro system
- Low effort required for sanding
- Alternative to fibre discs

Field of Application:
Easy-cutting product in dry sanding for machining stainless steel, steel, steel alloys and titanium.
Use support plate (art. no. 0665 011 510)!
Suitable for all machines operated without extraction



Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 011 540	115.0 mm	40	25 PCS
0665 011 560	115.0 mm	60	25 PCS
0665 011 580	115.0 mm	80	25 PCS
0665 011 512	115.0 mm	120	25 PCS



Velcro-backed non-woven material discs

Advantages:
- Very high removal rate and long service life
- Quick and simple to replace discs thanks to Velcro fastening system
- No unnecessary material removal and gentle on materials

Field of Application:
Cool and soft sanding for machining stainless steel, steel, non-ferrous base metals, wood, plastic.
Use only in conjunction with support plate, art. no. 0665 001 150.
Suitable for all machines operated without extraction.
Suitable for fine sanding, matting and cleaning large surfaces thanks to open and flexible structure.



Art. No.	Diameter	Grid size	Packaging unit (VPE)
0665 001 152	115.0 mm	100 / coarse	10 PCS
0665 001 153	115.0 mm	180 /medium	10 PCS
0665 001 154	115.0 mm	280 / fine	10 PCS

Velcro-backed support plate for Velcro-backed sanding discs

Product description:
with M14 mount

Advantages:
- Medium-hard support plate with M 14 female thread
- Max. speed 11,000 (rpm)



Art. No.	Diameter	Packaging unit (VPE)
0665 011 510	115.0 mm	1 PCS

Velcro-backed support plate for Velcro-backed fleece discs

Product description:
with M14 mount

Advantages:
- Medium-hard support plate with special coating with double T-hook system and M14 female thread
- Max. speed 8500 (rpm)



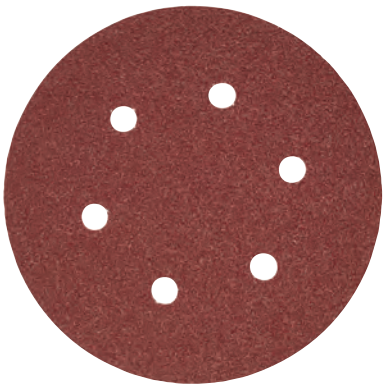
Art. No.	Diameter	Packaging unit (VPE)
0665 001 150	115.0 mm	1 PCS

Velcro-backed sanding discs, 6-hole

Product description:
Sandpaper Ø 150 mm, Velcro fastening, 6 extraction holes, Ø 10 mm on circular hole Ø 80 mm

Advantages:
- Electrostatic, semi-open corundum coating
- High level of durability
- Extremely effective abrasive
- Good grain adhesion due to synthetic resin bond
- Optimal adaptation properties
- Permissible circumferential speed: 80 m/s
- Quick and simple to replace discs thanks to Velcro fastening system

Field of Application:
Universal use on steel, stainless steel and non-ferrous metals
Ideal for container construction, instrument construction and interior finishing

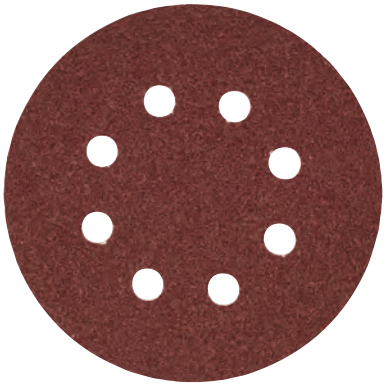


Art. No.	Diameter	Machine type	Grid size	Packaging unit (VPE)
0665 015 040	150.0 mm	Bosch, Elu, Hilti, Kress, Metabo	40	50 PCS
0665 015 060	150.0 mm	Bosch, Elu, Hilti, Kress, Metabo	60	50 PCS
0665 015 080	150.0 mm	Bosch, Elu, Hilti, Kress, Metabo	80	50 PCS
0665 015 012	150.0 mm	Bosch, Elu, Hilti, Kress, Metabo	120	50 PCS
0665 015 018	150.0 mm	Bosch, Elu, Hilti, Kress, Metabo	180	50 PCS



Velcro-backed sanding discs, 8-hole

Product description:
Sandpaper Ø 125 mm, Velcro fastening, 8 extraction holes, Ø 10 mm on circular hole Ø 65 mm



Advantages:
- Electrostatic, semi-open corundum coating
- High level of durability
- Extremely effective abrasive
- Good grain adhesion due to synthetic resin bond
- Optimal adaptation properties
- Permissible circumferential speed: 80 m/s
- Quick and simple to replace discs thanks to Velcro fastening system

Field of Application:
Universal use on steel, stainless steel and non-ferrous metals
Ideal for container construction, instrument construction and interior finishing

Art. No.	Diameter	Machine type	Grid size	Packaging unit (VPE)
0665 012 540	125.0 mm	Bosch, AEG, Black & Decker, Festool, Kress, Makita, Metabo	40	50 PCS
0665 012 560	125.0 mm	Bosch, AEG, Black & Decker, Festool, Kress, Makita, Metabo	60	50 PCS
0665 012 580	125.0 mm	Bosch, AEG, Black & Decker, Festool, Kress, Makita, Metabo	80	50 PCS
0665 012 512	125.0 mm	Bosch, AEG, Black & Decker, Festool, Kress, Makita, Metabo	120	50 PCS
0665 012 518	125.0 mm	Bosch, AEG, Black & Decker, Festool, Kress, Makita, Metabo	180	50 PCS



Abrasive cloth workshop roll

Advantages:
- Highly flexible and pliable cotton fabric
- Densely interspersed corundum
- High sanding capacity with full epoxy resin binding
- No break-out of the abrasive grain, high grain adhesion
- Very good tear properties (along the thread)
- In box with tear-off edge

Field of Application:
For manual pre-sanding, intermediate and final sanding. Machining steel, stainless steel, cast iron and non-ferrous metals. Surface refinement. Deburring cut edges. Sanding profiles, mould and fixture construction, tool parts etc.

Advice:
Only available as rolls from a width of 100 mm! 40 and 50-mm width in box with tear-off edge



Art. No.	Length	Width	Grid size	Packaging unit (VPE)
0673 040 040	50.0 m	40.0 mm	40	50 PCS
0673 040 060	50.0 m	40.0 mm	60	50 PCS
0673 040 080	50.0 m	40.0 mm	80	50 PCS
0673 040 100	50.0 m	40.0 mm	100	50 PCS
0673 040 120	50.0 m	40.0 mm	120	50 PCS
0673 040 150	50.0 m	40.0 mm	150	50 PCS
0673 040 180	50.0 m	40.0 mm	180	50 PCS
0673 040 220	50.0 m	40.0 mm	220	50 PCS
0673 050 040	50.0 m	50.0 mm	40	50 PCS
0673 050 060	50.0 m	50.0 mm	60	50 PCS
0673 050 080	50.0 m	50.0 mm	80	50 PCS
0673 050 100	50.0 m	50.0 mm	100	50 PCS
0673 050 120	50.0 m	50.0 mm	120	50 PCS
0673 050 150	50.0 m	50.0 mm	150	50 PCS
0673 050 180	50.0 m	50.0 mm	180	50 PCS
0673 050 220	50.0 m	50.0 mm	220	50 PCS
0673 050 240	50.0 m	50.0 mm	240	50 PCS
0673 050 280	50.0 m	50.0 mm	280	50 PCS
0673 050 320	50.0 m	50.0 mm	320	50 PCS
0673 050 400	50.0 m	50.0 mm	400	50 PCS
0673 100 040	50.0 m	100.0 mm	40	50 PCS
0673 100 060	50.0 m	100.0 mm	60	50 PCS
0673 100 080	50.0 m	100.0 mm	80	50 PCS
0673 100 100	50.0 m	100.0 mm	100	50 PCS
0673 100 120	50.0 m	100.0 mm	120	50 PCS
0673 100 150	50.0 m	100.0 mm	150	50 PCS
0673 100 180	50.0 m	100.0 mm	180	50 PCS
0673 100 220	50.0 m	100.0 mm	220	50 PCS
0673 115 040	50.0 m	115.0 mm	40	50 PCS
0673 115 060	50.0 m	115.0 mm	60	50 PCS
0673 115 080	50.0 m	115.0 mm	80	50 PCS
0673 115 100	50.0 m	115.0 mm	100	50 PCS
0673 115 120	50.0 m	115.0 mm	120	50 PCS
0673 115 150	50.0 m	115.0 mm	150	50 PCS
0673 115 180	50.0 m	115.0 mm	180	50 PCS
0673 115 220	50.0 m	115.0 mm	220	50 PCS





Abrasive cloth sheet material

Advantages:

- Highly-flexible and pliable cotton fabric
- Densely interspersed corundum
- High sanding capacity with full epoxy resin binding
- No break-out of the abrasive grain — high grain adhesion
- Very good tear properties (along the thread)
- In sheets

Field of Application:

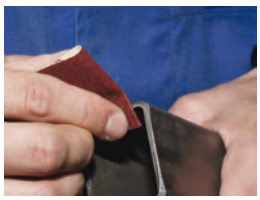
For manual pre-sanding, intermediate and final sanding. Machining steel, stainless steel, cast iron and non-ferrous metals. Surface refinement. Deburring cut edges. Sanding profiles, mould and fixture construction, tool parts etc.



Art. No.	Size	Grid size	Packaging unit (VPE)
0672 40	230 x 280 mm	40	50 PCS
0672 60	230 x 280 mm	60	50 PCS
0672 80	230 x 280 mm	80	50 PCS
0672 100	230 x 280 mm	100	50 PCS
0672 120	230 x 280 mm	120	50 PCS
0672 150	230 x 280 mm	150	50 PCS
0672 180	230 x 280 mm	180	50 PCS
0672 220	230 x 280 mm	220	50 PCS
0672 240	230 x 280 mm	240	50 PCS
0672 280	230 x 280 mm	280	50 PCS
0672 320	230 x 280 mm	320	50 PCS
0672 360	230 x 280 mm	360	50 PCS
0672 400	230 x 280 mm	400	50 PCS







Sanding belt for electric file

Advantages:
- Zirconia alumina with full epoxy resin binding
- The use of highly-robust polyester fabric guarantees high tear resistance
- Active grinding additives for long service life and cool grinding finish

Application area:
Deburring work on corners and edges, profile sanding including tight radii

Field of Application:
Stainless steel; rust, acid and heat-resistant steel (high-alloy); steel and non-ferrous metals

Advice:
Suitable for:
Suhner, Pferd and Würth electro-files with 520-mm length — Dynabrade and Löser electro-files with 610-mm length



Art. No.	Length	Width	Grid size	Packaging unit (VPE)
0673 606 040	520.0 mm	6.0 mm	40	25 PCS
0673 606 060	520.0 mm	6.0 mm	60	25 PCS
0673 606 080	520.0 mm	6.0 mm	80	25 PCS
0673 606 120	520.0 mm	6.0 mm	120	25 PCS
0673 612 040	520.0 mm	12.0 mm	40	25 PCS
0673 612 060	520.0 mm	12.0 mm	60	25 PCS
0673 612 080	520.0 mm	12.0 mm	80	25 PCS
0673 612 120	520.0 mm	12.0 mm	120	25 PCS
0673 616 040	520.0 mm	16.0 mm	40	25 PCS
0673 616 060	520.0 mm	16.0 mm	60	25 PCS
0673 616 080	520.0 mm	16.0 mm	80	25 PCS
0673 616 120	520.0 mm	16.0 mm	120	25 PCS
0673 813 040	610.0 mm	13.0 mm	40	25 PCS
0673 813 060	610.0 mm	13.0 mm	60	25 PCS
0673 813 080	610.0 mm	13.0 mm	80	25 PCS
0673 813 120	610.0 mm	13.0 mm	120	25 PCS





Abrasive cloth assortment

Product description:
The tried-and-tested abrasive cloth is also available as a set. Total of 50 sheets.

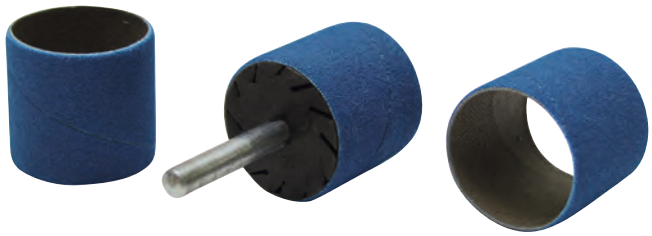
Advantages:
- Highly-flexible and pliable cotton fabric
- Densely interspersed corundum
- High sanding capacity with full epoxy resin binding
- No break-out of the abrasive grain — high grain adhesion
- Very good tear properties (along the thread)
- In sheets



Art. No.	Equipping	Packaging unit (VPE)
0672 999 050	Grain 40/60/80/120/220 — 10 pieces of each	1 PCS

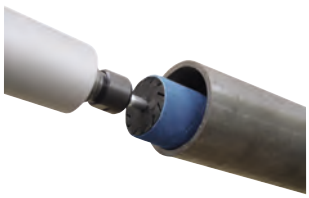
Sanding sleeves

Advantages:
- Zirconia alumina, fibre with full synthetic resin bonding
- Excellent removal power
- Cover ties with active sanding substances
- Virtually eliminates material tarnishing
- Quick to replace abrasives
- Easy to handle and therefore ideal for machining in hard-to-reach places



Field of Application:
Stainless steel, non-ferrous metals, construction and tool steels as well as metallic materials that are difficult to machine. Sanding off of casting skins, machining of weld seams, general deburring tasks, fine machining of shaped surfaces

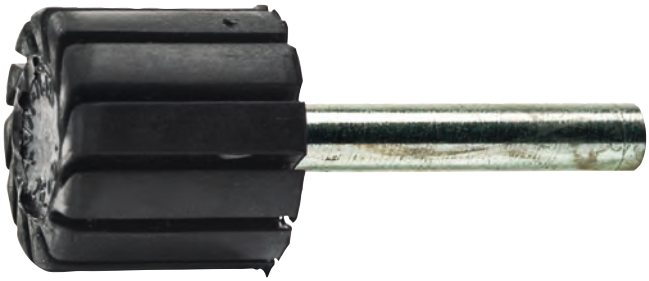
Art. No.	Diameter	Height	Min. rotation speed	Max. rotation speed	Grid size	Packaging unit (VPE)
0676 015 050	15.0 mm	30.0 mm	25000 U/min(rpm)	36000 U/min(rpm)	50	10 PCS
0676 015 150	15.0 mm	30.0 mm	25000 U/min(rpm)	36000 U/min(rpm)	150	10 PCS
0676 022 050	22.0 mm	20.0 mm	18000 U/min(rpm)	26000 U/min(rpm)	50	10 PCS
0676 022 150	22.0 mm	20.0 mm	18000 U/min(rpm)	26000 U/min(rpm)	150	10 PCS
0676 030 050	30.0 mm	30.0 mm	13000 U/min(rpm)	19000 U/min(rpm)	50	10 PCS
0676 030 150	30.0 mm	30.0 mm	13000 U/min(rpm)	19000 U/min(rpm)	150	10 PCS
0676 045 050	45.0 mm	30.0 mm	9000 U/min(rpm)	13000 U/min(rpm)	50	10 PCS
0676 045 150	45.0 mm	30.0 mm	9000 U/min(rpm)	13000 U/min(rpm)	150	10 PCS
0676 060 050	60.0 mm	30.0 mm	6500 U/min(rpm)	9500 U/min(rpm)	50	10 PCS
0676 060 150	60.0 mm	30.0 mm	6500 U/min(rpm)	9500 U/min(rpm)	150	10 PCS



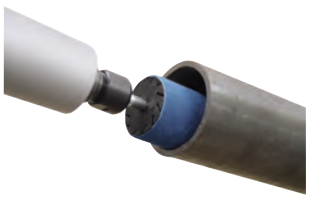
Sanding belt carrier with shaft for drum sanding belts

Advantages:
- Zirconia alumina, fibre with full synthetic resin bonding
- Excellent removal power
- Cover ties with active sanding substances
- Virtually eliminates material tarnishing
- Quick to replace abrasives
- Easy to handle and therefore ideal for machining in hard-to-reach places

Field of Application:
Rubber body with 6-mm steel shaft. For using drum sanding belts. The centrifugal force tension ensures slip-free mounting of the sanding belt.



Art. No.	Diameter	Height	Length	Rotation speed	Packaging unit (VPE)
0676 015	15.0 mm	30.0 mm	50.0 mm	48000 U/min(rpm)	1 PCS
0676 022	22.0 mm	20.0 mm	60.0 mm	23000 U/min(rpm)	1 PCS
0676 030	30.0 mm	30.0 mm	70.0 mm	19000 U/min(rpm)	1 PCS
0676 045	45.0 mm	30.0 mm	70.0 mm	13000 U/min(rpm)	1 PCS
0676 060	60.0 mm	30.0 mm	70.0 mm	9500 U/min(rpm)	1 PCS



Fluffy

Product description:
Soft yet extremely tough abrasive fleece for simple matching of grinding finish. Free from corrosion-producing elements. Free from iron, chlorine and sulphur (≤ 0.1%).

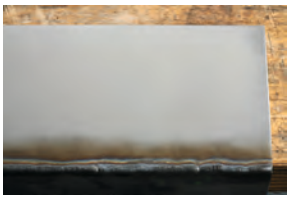
Advantages:
- Soft abrasive fleece adapts easily to the material being machined
- Extremely tough material — no tearing
- Open structure prevents clogging

Field of Application:
- Removing tempering colours and minor scratches
- Adjusting satin grinding finish without surface defects
- Finish sanding of welding seams without removing welding seam
- Light deburring
- For machining stainless steel, steel and aluminium
- For use on electric drills and speed-adjustable straight grinders



Advice:
Use only with clamping mandrel, article no. 0666 913 652.

Art. No.	Diameter	Width	Recommended rotation speed	Max. rotation speed	Bore diameter	Grid size	Packaging unit (VPE)
0668 515 000	150.0 mm	19.0 mm	3000 U/min(rpm)	6000 U/min(rpm)	13 mm	180-280	5 PCS





Abrasive fleece pads

Product description:
Metal-free abrasive fleece in grain 120 for cleaning pipe ends in copper piping

Advantages:
- Practical size (packaged in box)
- Rapid, groove-free pipe cleaning

Application area:
The fleece has a long service life, as it can constantly be re-cleaned by beating, washing or blowing out. Oil and grease residues can also be removed, as the abrasive fleece is resistant to solvents. Useful aid for plumbing, heating system and air-conditioning engineers, fitters etc.



Art. No.	Width	Packaging unit (VPE)
0672 013 060	60 mm	10 PCS

Non-woven sanding belt

Advantages:
- Reinforced nylon abrasive fleece with needled-through fabric carrier
- High tear resistance, uniform grinding finish, waterproof and stretch-resistant

Application area:
Matting, polishing and smoothing pipes, pipe bends and pipe constructions. Free from corrosion-producing elements. Free from iron, chlorine and sulphur (≤ 0.1%).

Field of Application:
Stainless steel, steel, brass, copper and aluminium

Advice:
Suitable for: Suhner, Pferd and Würth electro-files with 520-mm length — Dynabrade and Löser electro-files with 610-mm length



Art. No.	Length	Width	Grid size	Colour	Packaging unit (VPE)
0673 706 100	520.0 mm	6.0 mm	100	Brown	10 PCS
0673 706 180	520.0 mm	6.0 mm	180	Red	10 PCS
0673 706 280	520.0 mm	6.0 mm	280	Blue	10 PCS
0673 712 100	520.0 mm	12.0 mm	100	Brown	10 PCS
0673 712 180	520.0 mm	12.0 mm	180	Red	10 PCS
0673 712 280	520.0 mm	12.0 mm	280	Blue	10 PCS
0673 716 100	520.0 mm	16.0 mm	100	Brown	10 PCS
0673 716 180	520.0 mm	16.0 mm	180	Red	10 PCS

Art. No.	Length	Width	Grid size	Colour	Packaging unit (VPE)
0673 716 280	520.0 mm	16.0 mm	280	Blue	10 PCS
0673 913 100	610.0 mm	13.0 mm	100	Brown	10 PCS
0673 913 180	610.0 mm	13.0 mm	180	Red	10 PCS
0673 913 280	610.0 mm	13.0 mm	280	Blue	10 PCS



Abrasive fleece roll - red brown

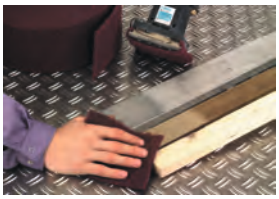
Application area:
For removing paint and oxide layers, for coarse sanding of surfaces with highly uniform grinding finish. Also highly suitable for texturing wood. Suitable for manual and machine use. Free from corrosion-producing elements. Free from iron, chlorine and sulphur (≤ 0.1%).

Field of Application:
Locksmiths, factory workshops, steel construction, window construction, sun room construction, façade construction, stainless steel firms, heating system construction, plumbing companies.



Art. No.	Length	Width	Grid size	Packaging unit (VPE)
0672 015 008	10.0 m	115.0 mm	120 / very coarse	1 PCS
0672 015 012	10.0 m	115.0 mm	180 / coarse	1 PCS
0672 015 028	10.0 m	115.0 mm	320 / medium	1 PCS





Abrasive fleece roll - anthracite

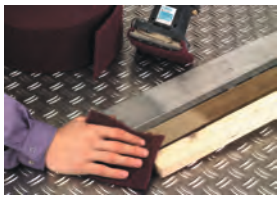
Application area:
For superfinishing steel, non-ferrous base metal and stainless steel surfaces. Suitable for manual and machine use. Very fine, uniform grinding finish. Free from corrosion-producing elements. Free from iron, chlorine and sulphur (≤ 0.1%).

Field of Application:
Locksmiths, factory workshops, steel construction, window construction, sun room construction, façade construction, stainless steel firms, heating system construction, plumbing companies.



Art. No.	Length	Width	Grid size	Packaging unit (VPE)
0672 015 060	10.0 m	115.0 mm	600 / fine	1 PCS
0672 015 100	10.0 m	115.0 mm	800 / micro fine	1 PCS





Abrasive fleece plus roll - red brown

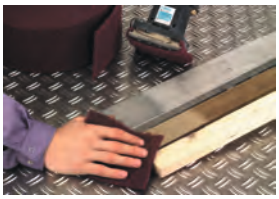
Application area:
More abrasive grain thanks to dense grain distribution, making it particularly robust and tear-resistant. Perfect for machine applications (e.g. orbital sander) and for machining pipes. Free from corrosion-producing elements. Free from iron, chlorine and sulphur (≤ 0.1%).

Field of Application:
Locksmiths, factory workshops, steel construction, window construction, sun room construction, façade construction, stainless steel firms, heating system construction, plumbing companies.



Art. No.	Length (Länge)	Width (Breite)	Grid size (Körnung)	Packaging unit (VPE)
0672 000 012	10.0 m	115.0 mm	180 (A-fine)	1 PCS
0672 000 028	10.0 m	115.0 mm	320 (A-very fine)	1 PCS





Ceramic sanding discs

grey blue; synthetic corundum = 10 A

Product description:
Type 1 straight, for various sanding blocks. Tool grinding machines and other stationary grinders.

Field of Application:
For general workshop requirements, for sanding steel, iron, malleable iron etc. of standard hardness.

Advice:
Plastic adapter sleeves for reducing 32 to 25, 32 to 20, 32 to 18, 32 to 16 are included in all sanding disc packs.



Art. No.	Diameter	Width	Grid size	Bore diameter	Packaging unit (VPE)
0671 020 150	150.0 mm	20.0 mm	36	32 mm	1 PCS
0671 025 175	175.0 mm	25.0 mm	36	32 mm	1 PCS
0671 025 200	200.0 mm	25.0 mm	36	32 mm	1 PCS

Ceramic sanding discs

Corundum = 89 A, pink – hardness M = medium

Product description:
Type 1, straight, for various sanding blocks, tool grinding machines and other stationary grinders. For hardened steel and tools produced from tool and high-performance high-speed steels, tempered tool steels.

Advice:
Plastic adapter sleeves for reducing 32 to 25, 32 to 20, 32 to 18, 32 to 16 are included in all sanding disc packs.



Art. No.	Diameter	Width	Grid size	Bore diameter	Packaging unit (VPE)
0671 120 150	150.0 mm	20.0 mm	80	32 mm	1 PCS
0671 125 175	175.0 mm	25.0 mm	80	32 mm	1 PCS
0671 125 200	200.0 mm	25.0 mm	80	32 mm	1 PCS

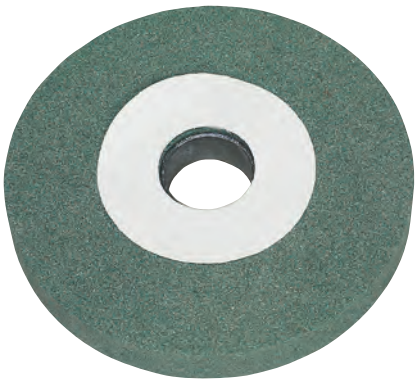
Ceramic sanding discs

Silicon carbide = green – grey, C

Product description:
Type 1 straight, for various sanding blocks. Tool grinding machines and other stationary grinders.

Field of Application:
For grey cast iron, hard and malleable iron, autogenous welding seams, for all metals, cemented carbides, aluminium, porcelain, glass, and natural and synthetic stone etc.

Advice:
Plastic adapter sleeves for reducing 32 to 25, 32 to 20, 32 to 18, 32 to 16 are included in all sanding disc packs.



Art. No.	Diameter	Width	Grid size	Bore diameter	Packaging unit (VPE)
0671 220 150	150.0 mm	20.0 mm	80	32 mm	1 PCS
0671 225 175	175.0 mm	25.0 mm	80	32 mm	1 PCS
0671 225 200	200.0 mm	25.0 mm	80	32 mm	1 PCS

Sanding disc dressing tool

Product description:
The dressing tool is intended for sharpening/roughening up the sanding disc. The sharpening roller produced from Swedish steel runs on a hardened shaft. The teeth retain their sharpness and hardness until the wheels are completely worn down.

Application area:
For dressing sanding discs 125–230 mm in diameter and up to a width of 32 mm



Art. No.	Length	Packaging unit (VPE)
0671 900	285.0 mm	1 PCS

Replacement wheels for sanding disc dressing tool



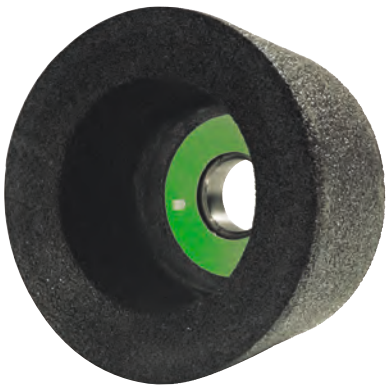
Art. No.	Diameter	Width	Bore diameter	Packaging unit (VPE)
0671 900 1	35.0 mm	12.0 mm	8 mm	1 PCS

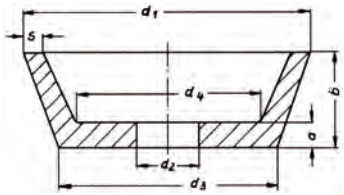
Cup wheel

for steel

Advantages:
- ISO type 11, synthetic resin bond.
- 50 m/s maximum circumferential speed.

Field of Application:
Metal: Machining steel, grey cast iron and welding seams.





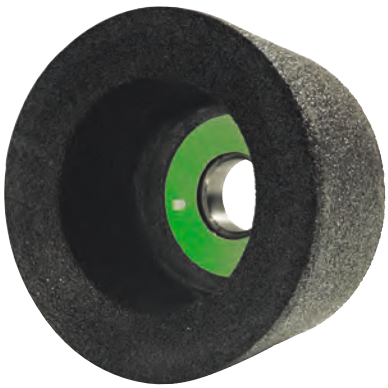
Art. No.	Diameter	Bore diameter	Height	Max. rotation speed	Grid size	Packaging unit (VPE)
0671 110 016	110.0 mm	22.23 mm	55.0 mm	8600 U/min(rpm)	16	1 PCS
0671 110 036	110.0 mm	22.23 mm	55.0 mm	8600 U/min(rpm)	36	1 PCS

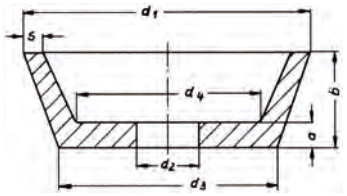
Cup wheel

for stone

Advantages:
- ISO type 11, synthetic resin bond.
- 50 m/s maximum circumferential speed.

Field of Application:
Stone: Machining stone, concrete and ceramic.





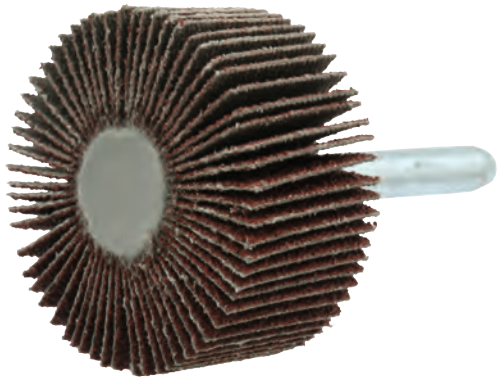
Art. No.	Diameter	Bore diameter	Height	Grid size	Rotation speed	Packaging unit (VPE)
0671 210 016	110.0 mm	22.23 mm	55.0 mm	16	8600 U/min(rpm)	1 PCS
0671 210 024	110.0 mm	22.23 mm	55.0 mm	24	8600 U/min(rpm)	1 PCS

Flap wheel with shaft

Advantages:
- Made of soft, flexible abrasive cloth segments
- Mixed corundum made of synthetic and specially fused corundum
- Grinding segments embedded radially to the axis in a synthetic resin core

Field of Application:
Fine sanding and polishing work on stainless steel, steel and non-ferrous base metals. Especially suited for smoothing surfaces and for fine polishing. Uniform and shoulder-free grinding finish

Advice:
Attention: Pay attention to the running direction! Tools are only suitable for clockwise rotation!



Art. No.	Diameter	Width	Grid size	Adapter diameter	Recommended rotation speed	Max. rotation speed	Packaging unit (VPE)
0675 030 60	30.0 mm	10.0 mm	60	6 mm	16000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 030 80	30.0 mm	10.0 mm	80	6 mm	16000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 030 120	30.0 mm	10.0 mm	120	6 mm	16000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 040 60	40.0 mm	20.0 mm	60	6 mm	12000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 040 80	40.0 mm	20.0 mm	80	6 mm	12000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 040 120	40.0 mm	20.0 mm	120	6 mm	12000 U/min(rpm)	18000 U/min(rpm)	5 PCS
0675 060 60	60.0 mm	30.0 mm	60	6 mm	8000 U/min(rpm)	12000 U/min(rpm)	5 PCS
0675 060 80	60.0 mm	30.0 mm	80	6 mm	8000 U/min(rpm)	12000 U/min(rpm)	5 PCS
0675 060 120	60.0 mm	30.0 mm	120	6 mm	8000 U/min(rpm)	12000 U/min(rpm)	5 PCS
0675 080 60	80.0 mm	50.0 mm	60	6 mm	6000 U/min(rpm)	7500 U/min(rpm)	5 PCS
0675 080 80	80.0 mm	50.0 mm	80	6 mm	6000 U/min(rpm)	7500 U/min(rpm)	5 PCS
0675 080 120	80.0 mm	50.0 mm	120	6 mm	6000 U/min(rpm)	7500 U/min(rpm)	5 PCS

Flap wheel with shaft

Advantages:
Get better abrasive results by adding abrasive cloths between the abrasive fleece
Mixed corundum made of synthetic and specially fused corundum
Synthetic resin-bound segments, attached radial to the axis

Field of Application:
Shoulder-free matting, line matting, satin finish and removal of dirt and oxide layers on stainless steel, steel and non-ferrous base metals.
Depending on the material used, it is possible to achieve a wide variety of matt and semi-gloss effects on steel, chrome steel, copper, brass, light metal and other materials.

Advice:
Attention: Pay attention to the running direction! Tools are only suitable for clockwise rotation!



Art. No.	Diameter	Width	Grid size	Adapter diameter	Recommended rotation speed	Max. rotation speed	Packaging unit (VPE)
0675 140 206	40.0 mm	20.0 mm	180/150	6 mm	7500 U/min(rpm)	14000 U/min(rpm)	5 PCS
0675 150 306	50.0 mm	30.0 mm	180/150	6 mm	6000 U/min(rpm)	11000 U/min(rpm)	5 PCS
0675 160 406	60.0 mm	40.0 mm	180/150	6 mm	5000 U/min(rpm)	9000 U/min(rpm)	5 PCS
0675 180 506	80.0 mm	50.0 mm	180/150	6 mm	4000 U/min(rpm)	7000 U/min(rpm)	5 PCS

Flap wheel with shaft

Advantages:
- Very gentle working

Field of Application:
Finish on stainless steel, steel and non-ferrous base metals.
For removing oxides and tempering colours.
Produces a highly uniform surface with a high sheen.

Advice:
Attention: Pay attention to the running direction! Tools are only suitable for clockwise rotation!



Art. No.	Diameter	Width	Fleece grid size	Adapter diameter	Recommended rotation speed	Max. rotation speed	Packaging unit (VPE)
0675 240 206	40.0 mm	20.0 mm	180	6 mm	7500 U/min(rpm)	14000 U/min(rpm)	5 PCS
0675 250 306	50.0 mm	30.0 mm	180	6 mm	6000 U/min(rpm)	11000 U/min(rpm)	5 PCS
0675 260 406	60.0 mm	40.0 mm	180	6 mm	5000 U/min(rpm)	9000 U/min(rpm)	5 PCS
0675 280 506	80.0 mm	50.0 mm	180	6 mm	4000 U/min(rpm)	7000 U/min(rpm)	5 PCS

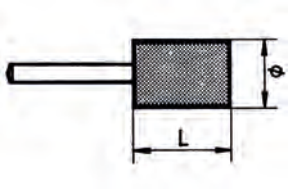
Ceramic sanding tips, cylindrical

For machining steel

Product description:
6-mm shank; pink corundum; hardness O; universal applications, dimensionally stable and with solid edges. For machining hardened and alloyed steels, tool steel



Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge.



Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s, see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.

Art. No.	Head diameter	Length	Grid size	Type	Packaging unit (VPE)
0677 010 610	6.0 mm	10.0 mm	60	ZY 0610	10 PCS
0677 010 810	8.0 mm	10.0 mm	60	ZY 0810	10 PCS
0677 010 816	8.0 mm	16.0 mm	60	ZY 0816	10 PCS
0677 011 013	10.0 mm	13.0 mm	60	ZY 1013	10 PCS
0677 011 020	10.0 mm	20.0 mm	60	ZY 1020	10 PCS
0677 011 032	10.0 mm	32.0 mm	60	ZY 1032	10 PCS
0677 011 325	13.0 mm	25.0 mm	46	ZY 1325	10 PCS
0677 011 620	16.0 mm	20.0 mm	46	ZY 1620	10 PCS
0677 011 640	16.0 mm	40.0 mm	24	ZY 1640	10 PCS
0677 012 025	20.0 mm	25.0 mm	36	ZY 2025	10 PCS
0677 012 040	20.0 mm	40.0 mm	36	ZY 2040	10 PCS
0677 012 532	25.0 mm	32.0 mm	36	ZY 2532	10 PCS
0677 013 240	32.0 mm	40.0 mm	30	ZY 3240	10 PCS
0677 014 020	40.0 mm	20.0 mm	30	ZY 4020	10 PCS

Ceramic sanding tips, spherical

For machining steel

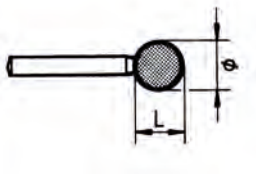
Product description:
6-mm shank; pink corundum; hardness O; universal applications, dimensionally stable and with solid edges. For machining hardened and alloyed steels, tool steel



Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The

circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge.

Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s,
see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.



Art. No.	Diameter	Length	Grid size	Type	Packaging unit (VPE)
0677 021 010	10.0 mm	10 mm	60	KU 1010	10 PCS
0677 021 616	16.0 mm	16 mm	46	KU 1616	10 PCS

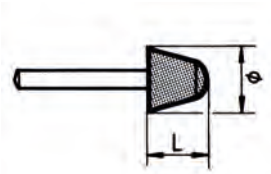
Ceramic sanding tips, conical

For machining steel

Product description:
6-mm shank; pink corundum; hardness O; universal applications, dimensionally stable and with solid edges. For machining hardened and alloyed steels, tool steel



Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge.



Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s,
see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.

Art. No.	Diameter	Length	Grid size	Type	Packaging unit (VPE)
0677 031 640	16.0 mm	40 mm	46	KE 1640	10 PCS
0677 032 040	20.0 mm	40 mm	36	KE 2040	10 PCS

Ceramic sanding tip assortment, 10 pieces

For machining steel

Product description:
6-mm shank; pink corundum; hardness O; universal applications, dimensionally stable and with solid edges. For machining hardened and alloyed steels, tool steel



Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge.

Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s,
see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.

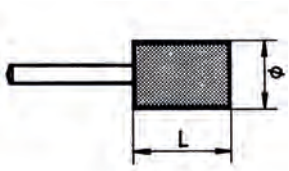
Art. No.	Composition of set	Packaging unit (VPE)
0677 10	Cylindrical pins: 0677 010 610 6x10, 0677 010 816 8x16, 0677 011 013 10x13, 0677 011 020 10x20, 0677 011 032 10x32, 0677 011 325 13x25, 0677 011 620 16x20 Ball pins: 0677 021 010 10x10, 0677 021 616 16x16, 0677 031 640 16x40	1 PCS

Ceramic sanding tips, cylindrical

Synthetic resin-bonded sanding tips for machining stainless steel

Product description:
6-mm shaft; synthetic corundum in synthetic resin bond; medium-hard bond; working speed for sanding edges 40–50 m/s, for sanding surfaces 40–50 m/s





Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge

Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s,
see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.

Art. No.	Head diameter	Length	Grid size	Type	Packaging unit (VPE)
0677 111 020	10.0 mm	20.0 mm	46	ZY 1020	10 PCS
0677 111 040	10.0 mm	40.0 mm	46	ZY 1040	10 PCS
0677 111 320	13.0 mm	20.0 mm	46	ZY 1320	10 PCS
0677 111 620	16.0 mm	20.0 mm	24	ZY 1620	10 PCS
0677 111 640	16.0 mm	40.0 mm	24	ZY 1640	10 PCS
0677 112 020	20.0 mm	20.0 mm	24	ZY 2020	10 PCS
0677 112 032	20.0 mm	32.0 mm	24	ZY 2032	10 PCS

Ceramic sanding tip assortment, 7 pieces

Synthetic resin-bonded sanding tips for machining stainless steel

Product description:
6-mm shaft; synthetic corundum in synthetic resin bond; medium-hard bond; working speed for sanding edges 40–50 m/s, for sanding surfaces 40–50 m/s



Field of Application:
Degree of hardness 0: Recommended circumferential speed when sanding edges 24–40 m/s and when sanding surfaces 15–25 m/s. These circumferential speeds are recommended for the indicated hardness levels.
Please observe the specified speeds on the enclosed information slips. The circumferential speeds are indicated by green diagonal lines in the diagram. The vertical line corresponding to the tool diameter crosses the diagonal circumferential speed (diagonal). From there, the rotation speeds (in rpm) of the sanding tool and machine can be read off horizontally from the left edge

Advice:
Example:
Sanding tip Ø 20 mm
recommended circumferential speed, for degree of hardness 0 = 15 – 40 m/s, see table for the rotation speeds: 14,000 – 38,000 rpm
For materials that are difficult to machine, lower circumferential speeds are recommended as this enhances the sanding properties of the sanding tip. The broad range of grain types and degrees of hardness allows all sanding work to be optimised.

Art. No.	Composition of set	Packaging unit (VPE)
0677 7	Cylindrical pins: 0677 111 020 (10 x 20), 0677 111 040 (10 x 40), 0677 111 320 (13 x 20), 0677 111 620 (16 x 20), 0677 111 640 (16 x 40), 0677 112 020 (20 x 20), 0677 112 032 (20 x 32)	1 PCS

Sanding belt sleeve

Advantages:
- Zirconium fibre
- Only in conjunction with expansion roller, article no. 0674 33 100
- Much less reworking required thanks to time-saving longitudinal sanding



Field of Application:
For removing deep scratches and welding seams.
For machining stainless steel, steel and non-ferrous base metals

Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 1 40	90.0 mm	100.0 mm	40	10 PCS
0674 1 60	90.0 mm	100.0 mm	60	10 PCS
0674 1 80	90.0 mm	100.0 mm	80	10 PCS
0674 1 120	90.0 mm	100.0 mm	120	10 PCS



Sanding roller

Advantages:
- With radial segment arrangement
- With vibration-dampened sleeve for one-way, two-way and four-way splined shaft

Field of Application:
For removing rust, oxide layers, minor scratches and for powerful texturing and burnishing on metals. For machining stainless steel, steel and non-ferrous base metals



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 405 040	100.0 mm	50.0 mm	40	1 PCS
0674 405 060	100.0 mm	50.0 mm	60	1 PCS
0674 405 080	100.0 mm	50.0 mm	80	1 PCS
0674 405 120	100.0 mm	50.0 mm	120	1 PCS
0674 410 040	100.0 mm	100.0 mm	40	1 PCS
0674 410 060	100.0 mm	100.0 mm	60	1 PCS
0674 410 080	100.0 mm	100.0 mm	80	1 PCS
0674 410 120	100.0 mm	100.0 mm	120	1 PCS

Clean wheel

Advantages:
- Grain-interspersed hard-structured non-woven fabric
- With vibration-dampened sleeve for one-way, two-way and four-way splined shaft

Field of Application:
For cleaning and removing scale from welding seams, removing rust, oxide layers and paint down to the pores, for cleaning beams, tiles etc.
A powerful longitudinal sanding action is achieved on stainless steel.
For machining stainless steel, steel, non-ferrous base metals, wood



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 3	110.0 mm	100.0 mm	46	1 PCS

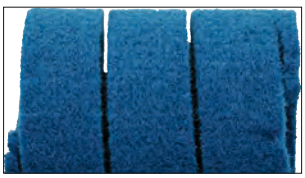
Easy Finish non-woven abrasive roller

Product description:
Owing to its unique grooving, the Easy Finish non-woven abrasive roller facilitates virtually shoulder-free sanding of surfaces and matching of the existing grinding finish. The roller's performance is significantly enhanced by using zirconia alumina.

Advantages:
- Simple adjustment of the grinding finish
- Unique grooving permits virtually shoulder-free sanding
- Cool grinding
- Aggressive sanding and maximum service life thanks to use of zirconia alumina

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.





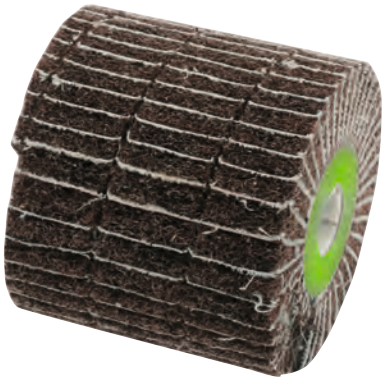
Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 600 100	110.0 mm	100.0 mm	100	1 PCS
0674 600 180	110.0 mm	100.0 mm	180	1 PCS
0674 600 280	110.0 mm	100.0 mm	280	1 PCS

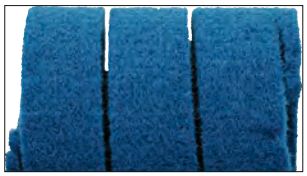
Easy Finish combined roller

Product description:
With its unique grooving, the Easy Finish Combi roller facilitates virtually shoulder-free sanding of surfaces and matching of the existing grinding finish.

Advantages:
- Simple adjustment of the grinding finish
- Unique grooving permits virtually shoulder-free sanding
- Cool grinding finish

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.





Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 500 120	110.0 mm	100.0 mm	120	1 PCS
0674 500 180	110.0 mm	100.0 mm	180	1 PCS
0674 500 240	110.0 mm	100.0 mm	240	1 PCS

Easy Finish non-woven abrasive roller, M14

Product description:
This Easy Finish non-woven abrasive roller allows virtually seamless sanding of surfaces to match the existing grinding finish. Thanks to the M14 mount

Advantages:
- Simple adjustment of the grinding finish
- M14 mount for use with speed-adjustable angle grinders
- Special fleece fold for seamless sanding and longer service life

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.





Art. No.	Diameter	Width	Max. rotation speed	Grid size	Packaging unit (VPE)
0668 411 080	125 mm	50 mm	4200 U/min(rpm)	80	1 PCS

Fleece sleeve

Advantages:
- Impregnated, grain-interspersed nylon fleece
- Only in combination with expansion roller, item no. 0674 33 100

Field of Application:
For removing scratches and oxide layers, matting, burnishing, deburring and fine finishing. For machining stainless steel, steel, non-ferrous base metals, wood



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 71 100	90.0 mm	100.0 mm	100 / coarse	1 PCS
0674 72 100	90.0 mm	100.0 mm	180 /medium	1 PCS
0674 73 100	90.0 mm	100.0 mm	280 / fine	1 PCS



Combined sanding roller

Advantages:
- Grain-interspersed nylon fleece with sandpaper for consistent segment usage
- With vibration-dampened sleeve for one-way, two-way and four-way splined shaft

Field of Application:
For matting, burnishing, removing scratches on metal. For removing old paint on wood. For machining stainless steel, steel, non-ferrous base metals, wood



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 510 080	100.0 mm	100.0 mm	80	1 PCS
0674 510 150	100.0 mm	100.0 mm	150	1 PCS

Fleece sanding roller

Advantages:
- Elastic, grain-interspersed nylon fleece wheel
- With vibration-dampened sleeve for one-way, two-way and four-way splined shaft

Field of Application:
For shadow-free matting, burnishing, polishing metal. For removing oxide layers on stainless steel and non-ferrous base metals. For smoothing surfaces on wood



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 610 080	100.0 mm	100.0 mm	80	1 PCS
0674 610 180	100.0 mm	100.0 mm	180	1 PCS
0674 610 280	100.0 mm	100.0 mm	280	1 PCS
0674 610 400	100.0 mm	100.0 mm	400	1 PCS
0674 610 600	100.0 mm	100.0 mm	600	1 PCS
0674 605 080	110.0 mm	50.0 mm	80	1 PCS
0674 605 180	110.0 mm	50.0 mm	180	1 PCS

Rubber wheel

Advantages:
- Soft, grain-interspersed PUR rubber
- With extra mixture for optimal surface adjustment
- With vibration-dampened sleeve for one-way, two-way and four-way splined shaft

Field of Application:
For removing minor scratches, ideal for shiny, decorative longitudinal sanding on stainless steel and non-ferrous base metals. For smoothing fibres on wood

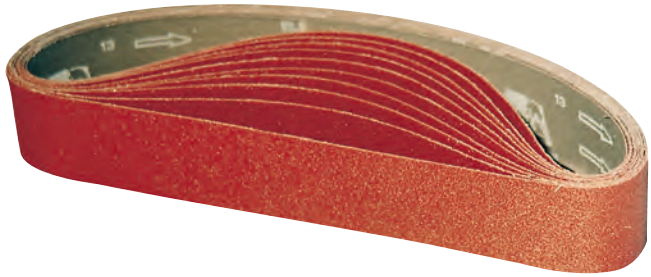


Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 060 100	100.0 mm	100.0 mm	60	1 PCS
0674 018 100	100.0 mm	100.0 mm	180	1 PCS

Tube belt sander

Advantages:
- Closed abrasive cloth made from corundum
- Flexible, resealable with adhesive tape

Field of Application:
For coarse sanding, derusting, removing scale and smoothing round pipes.
For machining stainless steel, steel, non-ferrous base metals, wood.



Art. No.	Length	Width	Grid size	Packaging unit (VPE)
0674 180 600	600.0 mm	30.0 mm	80	10 PCS
0674 112 600	600.0 mm	30.0 mm	120	10 PCS

Non-woven pipe tape

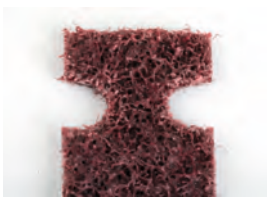
Advantages:
- Non-woven fabric
- In conjunction with sanding belt roller — resealable with patented closure

Field of Application:
Finishing and polishing.
For machining stainless steel, steel, non-ferrous base metals, wood



Art. No.	Length	Colour	Width	Grid size	Packaging unit (VPE)
0674 93	600.0 mm	Blue	30.0 mm	280 / fine	5 PCS
0674 91	600.0 mm	Brown	30.0 mm	100 / coarse	5 PCS
0674 92	600.0 mm	Red	30.0 mm	180 /medium	5 PCS







Felt polishing sleeve

Product description:
Made from soft merino wool, for rapid mirror-finish polishing of large surfaces on stainless steel and non-ferrous base metals, in conjunction with an expansion roller and polishing pastes.



Art. No.	Diameter	Width	Packaging unit (VPE)
0674 74 100	90.0 mm	100.0 mm	1 PCS



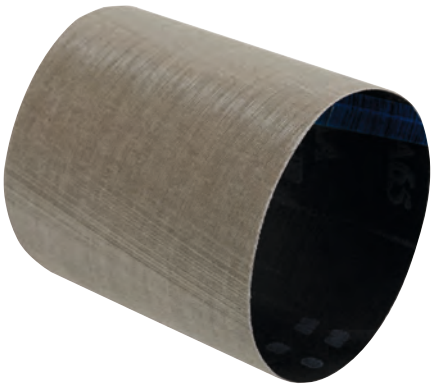
INOX sanding belt sleeve

Textured abrasive (Trizact*) for fine sanding

Advantages:
- Aggressive abrasive — new layers of sanding material are continually exposed while machining.
- High degree of material removal while maintaining a fine grinding finish.
- Uniform sanding pattern right up until fully worn.
- Use only in conjunction with expansion roller, article no. 0674 33 100.

Field of Application:
For intermediate and final sanding of stainless steel, steel, tool steel, aluminium and non-ferrous metals.

Advice:
*Trizact is a structured abrasive from 3M.



Art. No.	Diameter	Width	Grid size	Packaging unit (VPE)
0674 750 022	90.0 mm	100.0 mm	220 (A100)	10 PCS
0674 750 028	90.0 mm	100.0 mm	320 (A65)	10 PCS
0674 750 040	90.0 mm	100.0 mm	400 (A45)	10 PCS
0674 750 060	90.0 mm	100.0 mm	600 (A30)	10 PCS
0674 750 120	90.0 mm	100.0 mm	1200 (A16)	10 PCS

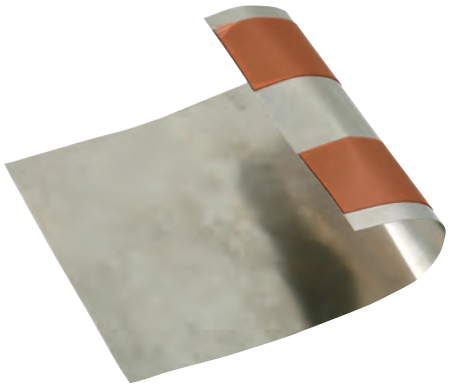
INOX Protect adhesive tape

A4 sanding protection adhesive tape

Advantages:

- Heat-stable adhesive tape — optimal retention force even when exposed to heat.
- High degree of wear resistance thanks to A4 stainless steel strips.
- Extremely flexible, can therefore also be used on curved surfaces.

Field of Application:
Protects surfaces when grinding, e.g. welding seams, to adapt the machined area to optimum effect. Especially suited for mitre sanding.



Art. No.	Length	Width	Thickness	Packaging unit (VPE)
0674 800 100	1000.0 mm	100.0 mm	0.15 mm	1 PCS

Adhesive sealing tape

Product description:
Heat-resistant and highly adhesive tape for sanding belts



Art. No.	Length	Width	Packaging unit (VPE)
0674 34 50	50.0 m	25.0 mm	1 PCS

Sanding belt roller

with stainless steel edge

Product description:
Guide roller for sanding, non-woven and felt belts made from wear-resistant plastic.



4

Art. No.	Diameter	Width	Packaging unit (VPE)
0674 102	85.0 mm	70.0 mm	1 PCS

Pre-grinding paste



Art. No.	Colour	Equipping	Packaging unit (VPE)
0674 35 700	White	Approx. 600 g	1 PCS

Regrinding paste



Art. No.	Colour	Equipping	Packaging unit (VPE)
0674 35 701	Blue	Approx. 700 g	1 PCS

Expansion roller

Product description:
For attaching sanding, non-woven and felt polishing sleeves with centrifugal force tension



Art. No.	Diameter	Width	Packaging unit (VPE)
0674 33 100	90.0 mm	100.0 mm	1 PCS

Spacer rings

Product description:
For width compensation for brushes, rollers, polishing rings etc.

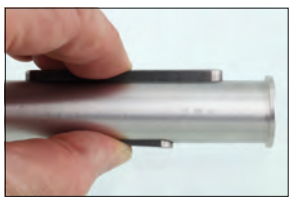


Art. No.	Equipping	Packaging unit (VPE)
0674 31	2 x 20 and 1 x 10	1 PCS

Arbor for satin finishing rollers

Product description:
This attachment enables satin finishing rollers that are 100 mm in width to be used on a speed-adjustable angle grinder (max. 3000 rpm).





Art. No.	Packaging unit (VPE)
0674 300 200	1 PCS

Metalworking set

Product description:
Technical data for grinding machine POLY-PTX 1800: Power consumption: up to 1750 watts; speed: 1000–3800 rpm; with tachogenerator for a constant speed, even under load; speed controller: with fine adjustment for tool optimisation; machine weight: 3.88 kg; machining width: up to 100 mm; roller diameter: up to 115 mm



Art. No.	Equipping	Packaging unit (VPE)
0674 002	- 1 RECA POLY-PTX 1800 grinding machine, 1750 watts; - 1 case for mobile applications - 1 expansion roller (article no. 0674 33 100); - 2 sanding belt sleeves, 90 x 100 mm, grain: 40 (article no. 0674 1 40); - 1 fleece sleeve, 90 x 100 mm, medium (article no. 0674 72 100); - 1 fleece sleeve, 90 x 100 mm, fine (article no. 0674 73 100); - 2 mop wheels, 105 x 50 mm, grain: 40 (article no. 0674 240 50); - 1 fleece wheel, 115 x 100 mm, grain: 80 (article no. 0674 980 100); - 1 pack of sanding belts (10 pieces), grain: 120 (article no. 0674 112 600); - 1 non-woven tape, 30 x 600 mm, medium (article no. 0674 92); - 1 felt polishing sleeve, 90 x 100 mm (article no. 0674 74 100); - 1 spacer ring set (article no. 0674 31); - 1 set of polishing pastes, white + blue (approx. 120 g) (white: article no. 0674 35 700) (blue: article no. 0674 35 701); - 1 sanding belt roller (article no. 0674 101); - 1 sealing belt (article no. 0674 34 50)	1 PCS





Thread file, metric

Product description:
For repairing damaged female and male threads. Standard ISO, metric



Art. No.	Length	Packaging unit (VPE)
0695 600 105	230.0 mm	1 PCS

Plastic file handle

Product description:
Plastic file handles with hanging hole.



Art. No.	Length	Suitable for file length	Packaging unit (VPE)
0695 600 120	90.0 mm	100 mm, 150 mm	1 PCS
0695 600 121	110.0 mm	200 mm, 250 mm	1 PCS
0695 600 122	130.0 mm	From 300 mm	1 PCS

Wooden file handle

Product description:
Hardwood file handles



Art. No.	Length	File blade length	Packaging unit (VPE)
0695 600 110	80.0 mm	100 mm	1 PCS
0695 600 111	100.0 mm	150/200 mm	1 PCS
0695 600 112	120.0 mm	200/250 mm	1 PCS
0695 600 113	140.0 mm	300/350 mm	1 PCS
0695 600 114	160.0 mm	300/350 mm	1 PCS

Flat hand engineer's file set with hand brush

6-piece

Product description:
The set comprises 1 file of each type: flat hand file, half round, round, triangular and square. The file is 250 mm long.
The plastic file handle with suspension hole is round at the end of the handle and enables smooth, consistent file guidance.
A file brush in 250 mm length is also included in the set.

Included in the set:
1 x flat hand file
1 x half round head
1 x round
1 x triangular
1 x square
1 x file brush (brush area: 115 x 40 mm)



Advice:
- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.

- Cut 3 = fine cut for all fine and deburring work and also for harder metals.

Art. No.	File cut	File blade length	Handle length	Packaging unit (VPE)
0695 600 201	1	250 mm	110 mm	1 PCS
0695 600 202	2	250 mm	110 mm	1 PCS
0695 600 203	3	250 mm	110 mm	1 PCS

Needle file set, 6 pieces

Product description:
These files are indispensable tools for professionals when performing minor filing work. Delivered in a practical can. Therefore the files have the best protection.







Art. No.	Length	Composition of set	Packaging unit (VPE)
0695 600 200	100 mm	Types: round: 3-mm cross-section: half-round: 9 x 3-mm cross-section: square: 3-mm cross-section: triangular: 5-mm cross-section: flat (broaching file): 11 x 1.5-mm cross-section: flat-pointed (broaching file): 11 x 1.5-mm cross-section	1 PCS

Flat hand engineer's file

DIN 7261, type A

Product description:
- Ideal geometry of file cut (ideal cut angle, uniform tooth height and spacing).
- Ensures a clean workpiece surface and eliminates the need for time-consuming reworking.
- Facilitates good chip removal and prevents the workpiece from being scratched.
- Boosts cutting performance at reduced power.
- High-quality steel and thorough hardening ensures a long service life.
- Conical tang ensures the file sits securely in the handle.



Advice:
- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.

- Cut 3 = fine cut for all fine and deburring work and also for harder metals.



Art. No.	File cut	Length	Width	Thickness	Packaging unit (VPE)
0695 600 000	1	150.0 mm	16 mm	4.0 mm	1 PCS
0695 600 001	1	200.0 mm	20 mm	5.0 mm	1 PCS
0695 600 002	1	250.0 mm	25 mm	6.0 mm	1 PCS
0695 600 003	1	300.0 mm	30 mm	6.5 mm	1 PCS
0695 600 005	2	150.0 mm	16 mm	4.0 mm	1 PCS
0695 600 006	2	200.0 mm	20 mm	5.0 mm	1 PCS
0695 600 007	2	250.0 mm	25 mm	6.0 mm	1 PCS
0695 600 008	2	300.0 mm	30 mm	6.5 mm	1 PCS
0695 600 010	3	150.0 mm	16 mm	4.0 mm	1 PCS
0695 600 011	3	200.0 mm	20 mm	5.0 mm	1 PCS
0695 600 012	3	250.0 mm	25 mm	6.0 mm	1 PCS
0695 600 013	3	300.0 mm	30 mm	6.5 mm	1 PCS

Flat hand engineer's file, half-round

DIN 7261, type E



Product description:

- Ideal geometry of file cut (ideal cut angle, uniform tooth height and spacing).
- Ensures a clean workpiece surface and eliminates the need for time-consuming reworking.
- Facilitates good chip removal and prevents the workpiece from being scratched.
- Boosts cutting performance at reduced power.
- High-quality steel and thorough hardening ensures a long service life.
- Conical tang ensures the file sits securely in the handle.

Advice:

- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.
- Cut 3 = fine cut for all fine and deburring work and also for harder metals.



Art. No.	File cut	Length	Width	Thickness	Packaging unit (VPE)
0695 600 020	1	150.0 mm	16 mm	4.5 mm	1 PCS
0695 600 021	1	200.0 mm	20 mm	6.0 mm	1 PCS
0695 600 022	1	250.0 mm	25 mm	7.0 mm	1 PCS
0695 600 023	1	300.0 mm	30 mm	8.5 mm	1 PCS
0695 600 025	2	150.0 mm	16 mm	4.5 mm	1 PCS
0695 600 026	2	200.0 mm	20 mm	6.0 mm	1 PCS
0695 600 027	2	250.0 mm	25 mm	7.0 mm	1 PCS
0695 600 028	2	300.0 mm	30 mm	8.5 mm	1 PCS
0695 600 030	3	150.0 mm	16 mm	4.5 mm	1 PCS

Art. No.	File cut	Length	Width	Thickness	Packaging unit (VPE)
0695 600 031	3	200.0 mm	20 mm	6.0 mm	1 PCS
0695 600 032	3	250.0 mm	25 mm	7.0 mm	1 PCS
0695 600 033	3	300.0 mm	30 mm	8.5 mm	1 PCS

Flat hand engineer's file, round

DIN 7261, type F

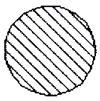


Product description:

- Ideal geometry of file cut (ideal cut angle, uniform tooth height and spacing).
- Ensures a clean workpiece surface and eliminates the need for time-consuming reworking.
- Facilitates good chip removal and prevents the workpiece from being scratched.
- Boosts cutting performance at reduced power.
- High-quality steel and thorough hardening ensures a long service life.
- Conical tang ensures the file sits securely in the handle.

Advice:

- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.
- Cut 3 = fine cut for all fine and deburring work and also for harder metals.



Art. No.	File cut	Length	Diameter	Packaging unit (VPE)
0695 600 040	1	150.0 mm	6.0 mm	1 PCS
0695 600 041	1	200.0 mm	7.5 mm	1 PCS
0695 600 042	1	250.0 mm	9.5 mm	1 PCS
0695 600 043	1	300.0 mm	12.0 mm	1 PCS
0695 600 045	2	150.0 mm	6.0 mm	1 PCS
0695 600 046	2	200.0 mm	7.5 mm	1 PCS
0695 600 047	2	250.0 mm	9.5 mm	1 PCS
0695 600 048	2	300.0 mm	12.0 mm	1 PCS
0695 600 050	3	150.0 mm	6.0 mm	1 PCS
0695 600 051	3	200.0 mm	7.5 mm	1 PCS
0695 600 052	3	250.0 mm	9.5 mm	1 PCS

Flat hand engineer's file, triangular

DIN 7261, type C



Product description:

- Ideal geometry of file cut (ideal cut angle, uniform tooth height and spacing).
- Ensures a clean workpiece surface and eliminates the need for time-consuming reworking.
- Facilitates good chip removal and prevents the workpiece from being scratched.
- Boosts cutting performance at reduced power.
- High-quality steel and thorough hardening ensures a long service life.
- Conical tang ensures the file sits securely in the handle.

Advice:

- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.
- Cut 3 = fine cut for all fine and deburring work and also for harder metals.



Art. No.	File cut	Length	Width	Packaging unit (VPE)
0695 600 060	1	150.0 mm	11.0 mm	1 PCS
0695 600 061	1	200.0 mm	15.0 mm	1 PCS
0695 600 062	1	250.0 mm	17.5 mm	1 PCS
0695 600 065	2	150.0 mm	11.0 mm	1 PCS
0695 600 066	2	200.0 mm	15.0 mm	1 PCS
0695 600 067	2	250.0 mm	17.5 mm	1 PCS
0695 600 070	3	150.0 mm	11.0 mm	1 PCS
0695 600 071	3	200.0 mm	15.0 mm	1 PCS
0695 600 072	3	250.0 mm	17.5 mm	1 PCS

Flat hand engineer's file, square

DIN 7261, type D



Product description:

- Ideal geometry of file cut (ideal cut angle, uniform tooth height and spacing).
- Ensures a clean workpiece surface and eliminates the need for time-consuming reworking.
- Facilitates good chip removal and prevents the workpiece from being scratched.
- Boosts cutting performance at reduced power.
- High-quality steel and thorough hardening ensures a long service life.
- Conical tang ensures the file sits securely in the handle.

Advice:

- Cut 1 = rough cut for roughing work and greater chip removal as well as for soft material.
- Cut 2 = medium cut.
- Cut 3 = fine cut for all fine and deburring work and also for harder metals.



Art. No.	File cut	Length	Width	Packaging unit (VPE)
0695 600 080	1	150.0 mm	6 mm	1 PCS
0695 600 081	1	200.0 mm	8 mm	1 PCS
0695 600 082	1	250.0 mm	10 mm	1 PCS
0695 600 085	2	150.0 mm	6 mm	1 PCS
0695 600 086	2	200.0 mm	8 mm	1 PCS
0695 600 087	2	250.0 mm	10 mm	1 PCS
0695 600 090	3	150.0 mm	6 mm	1 PCS
0695 600 091	3	200.0 mm	8 mm	1 PCS
0695 600 092	3	250.0 mm	10 mm	1 PCS

Conical wire brush, steel wire, plaited

Product description:
Plaited. Thanks to their special shape, these brushes can be used to machine hard-to-reach places. The braids on this brush are twisted to the left to improve durability. Steel wire, thread attachment, smooth wire.



Art. No.	Diameter	Tool holding device	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 351 114	100.0 mm	M14	0.5 mm	12500 U/min(rpm)	1 PCS

Cylinder wire brush, plaited, steel wire, 0.5 mm, for angle grinder

Product description:
Suitable for very tight spaces thanks to particularly narrow profile.
For cleaning all types of welding seams in pipe connections.



Art. No.	Diameter	Width	Wire diameter	Max. rotation speed	Bore diameter	Packaging unit (VPE)
2695 311 060	115.0 mm	6.0 mm	0.5 mm	12500 U/min(rpm)	22.2 mm	1 PCS

Spindle-mounted wheel brush with abrasive grain and shank

Polyamide fibres with abrasive grain, 6-mm spindle

Product description:
Ideal for metal-processing industry and workshop businesses. High degree of flexibility - sanding bristles adjust to the surface contour. Particularly suitable for stainless steel. Easy material removal thanks to the abrasive grain.



Art. No.	Diameter	Width	Grid size	Max. rotation speed	Packaging unit (VPE)
2695 130 512	50.0 mm	10.0 mm	SIC 120	15000 U/min(rpm)	5 PCS
2695 130 532	50.0 mm	10.0 mm	SIC 320	15000 U/min(rpm)	5 PCS
2695 130 712	70.0 mm	12.0 mm	SIC 120	15000 U/min(rpm)	5 PCS
2695 130 732	70.0 mm	12.0 mm	SIC 320	15000 U/min(rpm)	5 PCS

Cylinder wire brush, plaited, steel wire, 0.5 mm, with spindle

Product description:
For derusting, deburring, roughening, removing paint, scale, slag etc.
For rough brushing applications.



Art. No.	Diameter	Width	Wire diameter	Rotation speed	Packaging unit (VPE)
2695 140 750	75.0 mm	12.0 mm	0.5 mm	25000 U/min(rpm)	5 PCS

Spindle-mounted wheel brush, steel wire, with spindle

Product description:
This all-round brush features a thick wire facing and impact-free properties. The plastic-bound brushes have a longer service life, as embedding in the plastic prevents premature breaking of the wire tips. Ideally suited for derusting, deburring and brushing. Steel body with cylindrical clamping shaft, 6 mm, for clamping hand sanders or flexible shafts.



Art. No.	Diameter	Width	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 110 306	30.0 mm	9.0 mm	0.2 mm	20000 U/min(rpm)	5 PCS
2695 110 410	40.0 mm	10.0 mm	0.2 mm	18000 U/min(rpm)	5 PCS
2695 110 516	50.0 mm	17.0 mm	0.3 mm	15000 U/min(rpm)	5 PCS
2695 110 616	60.0 mm	17.0 mm	0.3 mm	15000 U/min(rpm)	5 PCS
2695 110 716	70.0 mm	17.0 mm	0.3 mm	15000 U/min(rpm)	5 PCS

Spindle-mounted wheel brush, stainless steel wire, with spindle

Product description:
This all-round brush features a thick wire facing and impact-free properties. The plastic-bound brushes have a longer service life, as embedding in the plastic prevents premature breaking of the wire tips. Ideally suited for derusting, deburring and brushing. Steel body with cylindrical clamping shaft, 6 mm, for clamping hand sanders or flexible shafts.



Art. No.	Diameter	Width	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 120 410	40.0 mm	10.0 mm	0.2 mm	18000 U/min(rpm)	5 PCS
2695 120 510	50.0 mm	11.0 mm	0.3 mm	15000 U/min(rpm)	5 PCS
2695 120 716	70.0 mm	17.0 mm	0.3 mm	15000 U/min(rpm)	5 PCS

Wire end brushes, steel wire

Product description:
For cleaning and deburring in particularly hard-to-reach places, for removing paint and rubber residue, for cleaning profiles and cast parts. Also for machining corners, curvatures and recesses. With cylindrical clamping shaft, 6 mm in diameter, for clamping hand sanders or flexible shafts.



Art. No.	Diameter	Length	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 210 160	12.0 mm	60.0 mm	0.3 mm	20000 U/min(rpm)	5 PCS
2695 210 165	17.0 mm	65.0 mm	0.3 mm	18000 U/min(rpm)	5 PCS
2695 210 268	23.0 mm	68.0 mm	0.3 mm	18000 U/min(rpm)	5 PCS

Wire end brushes, stainless steel wire

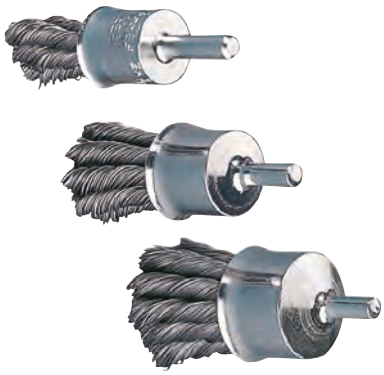
Product description:
For cleaning and deburring in particularly hard-to-reach places, for removing paint and rubber residue, for cleaning profiles and cast parts. Also for machining corners, curvatures and recesses. With cylindrical clamping shaft, 6 mm in diameter, for clamping hand sanders or flexible shafts.



Art. No.	Diameter	Length	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 220 160	12.0 mm	60.0 mm	0.3 mm	20000 U/min(rpm)	5 PCS
2695 220 165	17.0 mm	65.0 mm	0.3 mm	18000 U/min(rpm)	5 PCS
2695 220 168	23.0 mm	68.0 mm	0.3 mm	18000 U/min(rpm)	5 PCS

Wire end brushes, steel wire, plaited

Product description:
Knotted paint brushes with shaft open to different widths depending on speed, facilitating work in hard-to-reach places, e.g. in drill holes or recesses in housing components. The stainless steel version features plastic-coated pots for optimum protection of non-rusting surfaces.

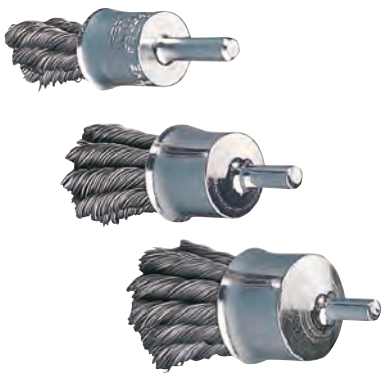


Art. No.	Number of braids	Length	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 211 19	19 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS
2695 211 22	22 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS
2695 211 29	29 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS



Wire end brushes, stainless steel wire, plaited

Product description:
Knotted paint brushes with shaft open to different widths depending on speed, facilitating work in hard-to-reach places, e.g. in drill holes or recesses in housing components. The stainless steel version features plastic-coated pots for optimum protection of non-rusting surfaces.



Art. No.	Number of braids	Length	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 221 19	19 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS
2695 221 22	22 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS
2695 221 29	29 PCS	72.0 mm	0.35 mm	20000 U/min(rpm)	5 PCS



Cylinder wire brush, steel wire, for bench grinder

Product description:
Crimped, for use on double grinding machines. Cylinder wire brushes have a wide range of uses in surface machining: for removing rust, paint and dirt, for roughening, deburring, stripping and polishing. The wire thickness and tube diameter are crucial when it comes to selecting the most suitable brush. Brushes with a large tube diameter contain more wire, are more durable during application and have a longer service life.



Art. No.	Diameter	Bore diameter	Width	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 310 150	150.0 mm	40 mm	24.0 mm	0.35 mm	6000 U/min(rpm)	1 PCS
2695 310 200	200.0 mm	50 mm	26.0 mm	0.35 mm	4500 U/min(rpm)	1 PCS

Cylinder wire brush, stainless steel wire, for bench grinder

Product description:
Crimped, for use on double grinding machines. Cylinder wire brushes have a wide range of uses in surface machining: for removing rust, paint and dirt, for roughening, deburring, stripping and polishing. The wire thickness and tube diameter are crucial when it comes to selecting the most suitable brush. Brushes with a large tube diameter contain more wire, are more durable during application and have a longer service life.



Art. No.	Diameter	Bore diameter	Width	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 300 150	150.0 mm	40 mm	24.0 mm	0.3 mm	6000 U/min(rpm)	1 PCS

Cylinder wire brush, steel wire, for angle grinder

Product description:
Knotted, for use on hand-guided angle grinders. Knotted cylinder wire brushes for hand-guided, single-handed grinders and angle grinders, but can also be used for stationary application in pre and post-machining of weld seams (hollow and butt weld). For removing scale, rust, paint, slag and rubber residues and for deburring. The wire braids are twisted to the left, which prevents premature opening of the bundles when the brush is applied at an angle.



Art. No.	Diameter	Width	Bore diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 311 122	115.0 mm	12.0 mm	22.23 mm	0.5 mm	12500 U/min(rpm)	1 PCS
2695 311 125	125.0 mm	14.0 mm	22.23 mm	0.5 mm	12000 U/min(rpm)	1 PCS
2695 311 722	178.0 mm	12.0 mm	22.23 mm	0.5 mm	9000 U/min(rpm)	1 PCS

Cylinder wire brush, stainless steel wire, for angle grinder

Product description:
Knotted, for use on hand-guided angle grinders. Knotted cylinder wire brushes for hand-guided, single-handed grinders and angle grinders, but can also be used for stationary application in pre and post-machining of weld seams (hollow and butt weld). For removing scale, rust, paint, slag and rubber residues and for deburring. The wire braids are twisted to the left, which prevents premature opening of the bundles when the brush is applied at an angle.



Art. No.	Diameter	Width	Bore diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 321 122	115.0 mm	12.0 mm	22.23 mm	0.5 mm	12500 U/min(rpm)	1 PCS
2695 312 125	125.0 mm	12.0 mm	22.23 mm	0.5 mm	12000 U/min(rpm)	1 PCS

Wire cup brush, steel wire, plaited

Product description:
Knotted, smooth wire. Knotted cup brushes are used in heavy-duty brushing applications, e.g. for preparing metal surfaces prior to painting, for removing slag, rust, scale or concrete residues. The 80 mm and 100-mm diameter brushes feature a support ring designed to stabilise the brush. When the free wire facing wears down, the ring can be removed and a further 20 mm of usable wire length created.



Art. No.	Diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 510 603	65.0 mm	0.35 mm	12500 U/min(rpm)	1 PCS
2695 510 605	65.0 mm	0.5 mm	12500 U/min(rpm)	1 PCS
2695 410 805	80.0 mm	0.5 mm	9000 U/min(rpm)	1 PCS
2695 410 808	80.0 mm	0.8 mm	9000 U/min(rpm)	1 PCS
2695 510 905	90.0 mm	0.5 mm	11500 U/min(rpm)	1 PCS
2695 411 005	100.0 mm	0.5 mm	8500 U/min(rpm)	1 PCS
2695 411 008	100.0 mm	0.8 mm	8500 U/min(rpm)	1 PCS

Wire cup brush, stainless steel wire, plaited

Product description:
Knotted, smooth wire. Knotted cup brushes are used in heavy-duty brushing applications, e.g. for preparing metal surfaces prior to painting, for removing slag, rust, scale or concrete residues. The 80 mm and 100-mm diameter brushes feature a support ring designed to stabilise the brush. When the free wire facing wears down, the ring can be removed and a further 20 mm of usable wire length created.



Art. No.	Diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 520 605	65.0 mm	0.5 mm	12500 U/min(rpm)	1 PCS

Wire cup brush, steel wire, crimped

Product description:
Cup brushes with crimped wires are used for machining large surfaces: For derusting, polishing, removing paint, dirt or scale.



Art. No.	Diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 610 603	60.0 mm	0.3 mm	12000 U/min(rpm)	1 PCS
2695 610 803	80.0 mm	0.35 mm	8500 U/min(rpm)	1 PCS
2695 611 003	100.0 mm	0.35 mm	8500 U/min(rpm)	1 PCS

Wire cup brush, stainless steel wire, crimped

Product description:
Cup brushes with crimped wires are used for machining large surfaces: For derusting, polishing, removing paint, dirt or scale.



Art. No.	Diameter	Wire diameter	Max. rotation speed	Packaging unit (VPE)
2695 620 603	60.0 mm	0.3 mm	12000 U/min(rpm)	1 PCS
2695 620 803	80.0 mm	0.35 mm	8500 U/min(rpm)	1 PCS

Wire hand brush, steel wire

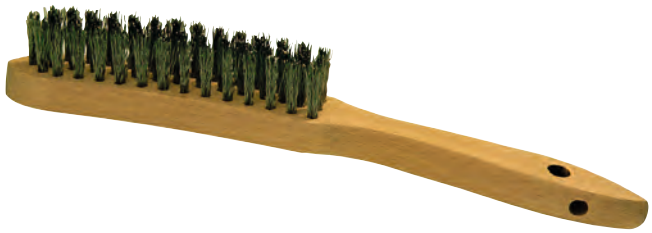
Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 710 2	2 PCS	290.0 mm	25.0 mm	0.35 mm	2 PCS
2695 710 3	3 PCS	290.0 mm	25.0 mm	0.35 mm	2 PCS
2695 710 4	4 PCS	290.0 mm	25.0 mm	0.35 mm	2 PCS
2695 710 5	5 PCS	290.0 mm	25.0 mm	0.35 mm	2 PCS
2695 710 6	6 PCS	290.0 mm	25.0 mm	0.35 mm	2 PCS

Wire hand brush, stainless steel wire

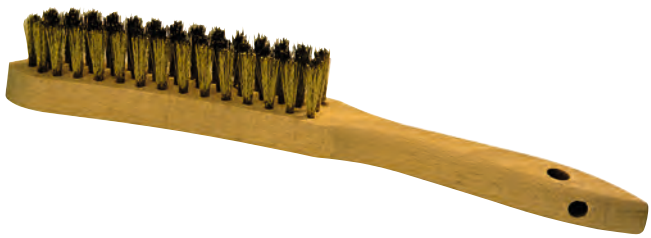
Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 720 2	2 PCS	290.0 mm	25.0 mm	0.3 mm	2 PCS
2695 720 3	3 PCS	290.0 mm	25.0 mm	0.3 mm	2 PCS
2695 720 4	4 PCS	290.0 mm	25.0 mm	0.3 mm	2 PCS
2695 720 5	5 PCS	290.0 mm	25.0 mm	0.3 mm	2 PCS

Wire hand brush, brass wire

Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 730 2	2 PCS	290.0 mm	25.0 mm	0.2 mm	2 PCS
2695 730 3	3 PCS	290.0 mm	25.0 mm	0.2 mm	2 PCS

Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 730 4	4 PCS	290.0 mm	25.0 mm	0.2 mm	2 PCS
2695 730 5	5 PCS	290.0 mm	25.0 mm	0.2 mm	2 PCS

File brush, steel wire

For cleaning metal and wooden files, steel wire.

Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.



Art. No.	Length	Width	Length of bristles	Packaging unit (VPE)
2695 782	250.0 mm	40.0 mm	115.0 mm	2 PCS

Spark plug brush, brass wire

This small brush is used for all fine brushing applications that usually require thin wire. Brass wire, crimped.

Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 783	3 PCS	150.0 mm	15.0 mm	0.15 mm	12 PCS

Universal brake calliper brush, steel wire

Product description:
Brake calliper brush. Aggressive brushing effect, suitable for all brushing applications. Ergonomic two-part handle. Steel wire, smooth

Application area:
Industrial companies and craft businesses.
Construction and automotive industry, workshops.



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 790 013	2 PCS	225.0 mm	22.0 mm	0.35 mm	2 PCS

Plastic wire hand brush, stainless steel wire

Product description:
Wire hand brush with plastic handle for the food industry. Stainless steel wire, crimped

Application area:
For catering trade, canteens and food processing industry



Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 785 003	3 PCS	285 mm	25 mm	0.35 mm	2 PCS

Fillet weld brush, steel wire, smooth

With its V-shaped facing, this brush is ideal for removing slag and scale from hard-to-reach welding seams and fillet welds.

Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.





Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 781	3 PCS	290.0 mm	35.0 mm	0.35 mm	2 PCS

Fillet weld brush, stainless steel wire, smooth

With its V-shaped facing, this brush is ideal for removing slag and scale from hard-to-reach welding seams and fillet welds.

Product description:
Wire brushes have wide appeal: Whether in metal processing or on construction sites, every tool box needs one. The wooden bodies comprise beechwood and feature two hanging holes, 8 mm or 10 mm in diameter, at the end of the handle.





Art. No.	Number of rows	Length	Height	Wire diameter	Packaging unit (VPE)
2695 781 335	3 PCS	290.0 mm	35.0 mm	0.35 mm	2 PCS

Bristle brush

Product description:
Universal high-performance cleaning brushes

Advantages:
- High degree of flexibility - adapts to workpiece
- No clogging of Cubitron TM abrasive grain
- Low contact pressure
- Maximum work safety thanks to unique design

Application area:
Ideally suited for steel, stainless steel, non-ferrous metals etc. For removing rust, paint, adhesive residues, tempering colours, minor scratching and burrs.

Advice:
Apply across the full surface and only apply light contact pressure. Reduce the speed.



Art. No.	Diameter	Grid size	Max. rotation speed	Packaging unit (VPE)
0668 815 050	115 mm	50	12000 U/min(rpm)	1 PCS
0668 815 080	115 mm	80	12000 U/min(rpm)	1 PCS

Bristle Mini DISC

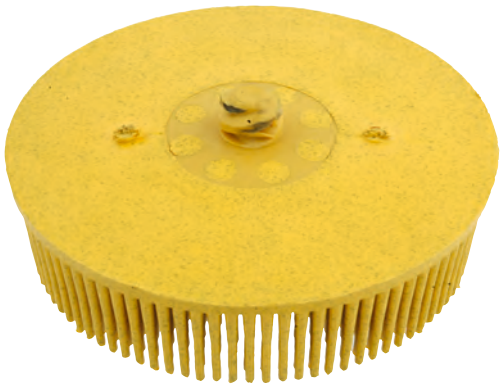
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Product description:
Universal high-performance cleaning brushes

Advantages:
- High degree of flexibility - adapts to workpiece
- No clogging of Cubitron TM abrasive grain
- Low contact pressure
- Maximum work safety thanks to unique design

Application area:
Ideally suited for steel, stainless steel, non-ferrous metals etc. For removing rust, paint, adhesive residues, tempering colours, minor scratching and burrs.

Advice:
Apply across the full surface and only apply light contact pressure. Reduce the speed.



Bristle brush

6-mm shaft

Product description:
Universal high-performance cleaning brushes for straight grinders

Advantages:
- High degree of flexibility - adapts to workpiece
- No clogging of Cubitron TM abrasive grain
- Low contact pressure
- Maximum work safety thanks to unique design

Application area:
Ideally suited for steel, stainless steel, non-ferrous metals etc. For removing rust, paint, adhesive residues, tempering colours, minor scratching and burrs.

Advice:
Apply across the full surface and only apply light contact pressure. Reduce the speed.



Art. No.	Diameter	Grid size	Width	Max. rotation speed	Packaging unit (VPE)
0668 575 080	75 mm	80	6 mm	10000 U/min(rpm)	1 PCS
0668 575 120	75 mm	120	6 mm	10000 U/min(rpm)	1 PCS

Ceramic sanding belt

Advantages:
- Self-sharpening ceramic abrasive grain ensures micro-fractures in the abrasive grain, sharp abrasive grain therefore always available
- Maximum service life — maximum removal rate
- Additional cover layer with active fillers for the coolest grinding finish
- Strong polyester fabric for high tear resistance

Field of Application:
For machining metals, particularly good for materials that are difficult to machine such as stainless steel, titanium, high-alloy steel etc.



Art. No.	Width	Length	Grid size	Packaging unit (VPE)
2669 000 040	75.0 mm	2000.0 mm	40	10 PCS
2669 000 060	75.0 mm	2000.0 mm	60	10 PCS
2669 000 080	75.0 mm	2000.0 mm	80	10 PCS
2669 150 040	150.0 mm	2000.0 mm	40	10 PCS
2669 150 060	150.0 mm	2000.0 mm	60	10 PCS

Non-woven sanding belt

Original 3M Scotch-Brite material

Advantages:
- Uniform grain distribution produces a consistent surface pattern
- Lowest-temperature sanding
- Highly elastic

Field of Application:
Intermediate and final sanding of stainless steel, steel, tool steel, aluminium etc.

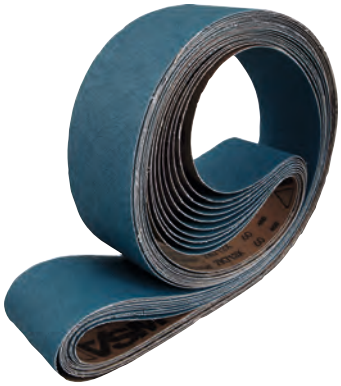


Art. No.	Width	Length	Grid size	Colour	Packaging unit (VPE)
2669 020 100	75.0 mm	2000.0 mm	100 / coarse	Brown	1 PCS
2669 020 180	75.0 mm	2000.0 mm	180 /medium	Red	1 PCS
2669 020 280	75.0 mm	2000.0 mm	280 / fine	Blue	1 PCS

Zirconia alumina sanding belt

Advantages:
- Highly robust polyester fibre
- Zirconia alumina with full synthetic resin bonding
- High removal rate
- Self-sharpening
- Can be subjected to high loads
- Cool sanding

Field of Application:
Outstanding on alloyed and low-alloy steel, chrome-nickel steel, high-alloy steel, cast iron, brass and bronze. For surface sanding of containers, cast iron components, hand tools, pipes and rods, forged parts and metal constructions



Art. No.	Width	Length	Grid size	Packaging unit (VPE)
2669 163 40	75.0 mm	2000.0 mm	40	10 PCS
2669 163 60	75.0 mm	2000.0 mm	60	10 PCS
2669 163 80	75.0 mm	2000.0 mm	80	10 PCS
2669 163 120	75.0 mm	2000.0 mm	120	10 PCS
2669 164 40	150.0 mm	2000.0 mm	40	10 PCS
2669 164 60	150.0 mm	2000.0 mm	60	10 PCS
2669 164 80	150.0 mm	2000.0 mm	80	10 PCS
2669 164 120	150.0 mm	2000.0 mm	120	10 PCS

Tube belt sander 650

Product description:
For use on adjustable angle grinders with speeds from 500 to 3500 rpm. For sanding, satin finishing, matting, cleaning, polishing, initial sanding, derusting and removing paint. For machining handrails, round pipes and rods, railings and pipe elbows in the diameter range from 8 to 250 mm. The complete tube belt sander attachment is supplied without abrasives and machine.

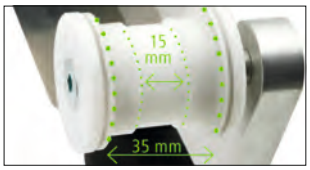


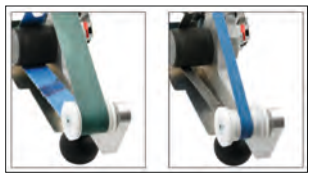
Advantages:
- Can be used on a wide range of speed-adjustable angle grinders (with Euro neck) or corresponding polishing machines.
- Universal scope of application for round material from 8 to 250 mm (360°).
- Convex drive roller for optimum centring of the sanding belt.
- The design enables hard-to-reach places (e.g. assembled handrails) to be sanded.
- The guide grooves in the guide roller allow sanding in the tightest radii without wearing down the sanding belt (if the unit is held correctly at 90° to the workpiece).

- Two different belt widths: 15 and 35 mm. The 15-mm belts are suitable for the tightest radii.

Application area:
• Suitable for the following speed-adjustable machines: Bosch: GWS 15-125 Inox (recommended), GWS 12-125 CIE, GWS 15-125 CIE, GWS 15-125 CIT, GWS 15-125 CIEH, GWS 15-125 CITH; Fein: WPO 14-25 E, WSG 14-70 E; Flex: L 1506 VR, LE 14-7 125 Inox; Suhner: UWK 6-R
• Not suitable for the following machines: Bosch GWS 7-115 E, Dewalt D28136, Hitachi G13VA, Makita 9565 CVR, Metabo WE 14-125 Inox Plus









Art. No.	Packaging unit (VPE)
0673 300 000	1 PCS

Sanding belts for tube belt sanders

Starter kit

Product description:
Various sanding belts for using the round pipe sanding attachment.



Art. No.	Composition of set	Packaging unit (VPE)
0673 300 005	1 x ceramic abrasive grain sanding belt, 35 x 650 grain: 80 (art. no. 0673 310 080); 1 x ceramic abrasive grain sanding belt, 15 x 650 grain: 120 (art. no. 0673 315 120); 1 x INOX sanding belt, 35 x 650 grain: 220 (art. no. 0673 350 220); 1 x INOX sanding belt, 35 x 650 grain: 280 (art. no. 0673 350 280); 1 x fleece sanding belt, 35 x 650 medium (art. no. 0673 330 010)	1 PCS

Ceramic sanding belts

Advantages:
- Self-sharpening ceramic abrasive grain for aggressive sanding
- Additional top layer with active grinding filler for lowest-temperature sanding
- Strong polyester fibre provides a high degree of tear resistance



Art. No.	Width (Breite)	Length (Länge)	Grid size (Körnung)	Packaging unit (VPE)
0673 310 040	35.0 mm	650.0 mm	40	10 PCS
0673 310 060	35.0 mm	650.0 mm	60	10 PCS
0673 310 080	35.0 mm	650.0 mm	80	10 PCS
0673 310 120	35.0 mm	650.0 mm	120	10 PCS

Ceramic sanding belts

Advantages:
- 15-mm ceramic abrasive grain sanding belts — for the tightest radii
- Self-sharpening ceramic abrasive grain for aggressive sanding
- Highly flexible cotton fibre for the tightest radii



Art. No.	Width (Breite)	Length (Länge)	Grid size (Körnung)	Packaging unit (VPE)
0673 315 080	15.0 mm	650.0 mm	80	10 PCS
0673 315 120	15.0 mm	650.0 mm	120	10 PCS

Non-woven sanding belts

Advantages:

- Uniform grain distribution produces a consistent surface pattern
- Lowest-temperature sanding and maximum elasticity



Art. No.	Width (Breite)	Length (Länge)	Grid size (Körnung)	Colour (Farbe)	Packaging unit (VPE)
0673 330 000	35.0 mm	650.0 mm	100 / coarse	Brown	5 PCS
0673 330 010	35.0 mm	650.0 mm	180 /medium	Red	5 PCS
0673 330 020	35.0 mm	650.0 mm	280 / fine	Blue	5 PCS

INOX sanding belts

Advantages:

INOX sanding belts — textured abrasive for fine sanding
Aggressive pyramid abrasive — new layers of sanding material are continually exposed while machining to ensure a high degree of material removal with a fine grinding finish and uniform grinding finish right up until fully worn



Art. No.	Width (Breite)	Length (Länge)	Grid size (Körnung)	Packaging unit (VPE)
0673 350 220	35.0 mm	650.0 mm	220 (A100)	10 PCS
0673 350 280	35.0 mm	650.0 mm	280 (A65)	10 PCS
0673 350 400	35.0 mm	650.0 mm	400 (A45)	10 PCS
0673 350 600	35.0 mm	650.0 mm	600 (A30)	10 PCS

RECA jigsaw blade CV 3

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing
Fine mounting



Application area:
Suitable for all types of wood and plastic up to 40 mm.






Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 001	3.0 mm	90.0 mm	65.0 mm	1.27 mm	Fine, fast cut	10 PCS

RECA jigsaw blade CV 4

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing
Fine mounting



Application area:
Suitable for all types of wood and plastic up to 40 mm.






Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 002	4.0 mm	90.0 mm	65.0 mm	1.27 mm	Fine, fast cut	10 PCS

RECA jigsaw blade CV 25

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing



Application area:
Suitable for all types of wood and plastic up to 30 mm.






Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 003	2.5 mm	100.0 mm	75.0 mm	1.45 mm	Fine, fast cut	10 PCS

RECA jigsaw blade CV 3

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing



Application area:
Suitable for all types of wood and plastic up to 65 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 016	3.0 mm	132.0 mm	105.0 mm	1.45 mm	Fine, fast cut	10 PCS

RECA jigsaw blade CV 4

Product description:
Blade produced from chromium-vanadium steel
Side set and angular edged toothing



Application area:
Suitable for all types of wood up to 50 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 004	4.0 mm	100.0 mm	75.0 mm	1.25 mm	Rough, fast cut	10 PCS

RECA jigsaw blade CV 2.5 with negative toothing

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing
Edge-to-edge toothing



Application area:
Suitable for all types of wood and plastic up to 30 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 005	2.5 mm	100.0 mm	75.0 mm	1.45 mm	Fine, fast cut with clean, splinter-proof cut edge	10 PCS

RECA jigsaw blade XXL

Product description:
Blade produced from chromium-vanadium steel
Side set and angular edged toothing



Application area:
Suitable for all types of wood to 120 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 006	4.0 mm	180.0 mm	155.0 mm	1.25 mm	Rough, fast cut	10 PCS

RECA jigsaw blade Extra

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing



Application area:
Suitable for all types of wood and plastic up to 50 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 007	4.0 mm	100.0 mm	75.0 mm	1.72 mm	Straight, fast cut	10 PCS

RECA jigsaw blade Swing

Product description:
Blade produced from chromium-vanadium steel, toothed back
Side set and angular edged toothing



Application area:
Suitable for all types of wood up to 50 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 008	4.0 mm	100.0 mm	75.0 mm	1.25 mm	Rough, fast curved cut	10 PCS

RECA jigsaw blade Twist

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing, toothed tip



Application area:
Suitable for softwood, plywood and coated boards up to 15 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 009	1.35 mm	76.5 mm	50.0 mm	1.25 mm	Fine, fast curved cut	10 PCS

RECA jigsaw blade Battery Speed W

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing with progressive tooth pitch
Specially designed for battery-operated machines



Application area:
Suitable for softwood (thick and thin) up to 50 mm, particle boards, wood core plywood and fibreboards.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 010	2.4 mm	100.0 mm	75.0 mm	1.25 mm	Straight, very fast cut	10 PCS

RECA jigsaw blade Uni Speed W

Product description:
Blade produced from chromium-vanadium steel, conically ground
Angular edged toothing with progressive tooth pitch



Application area:
Suitable for softwood (thick and thin) up to 65 mm, particle boards, wood core plywood and fibreboards.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 011	2.3 mm	117.0 mm	90.0 mm	1.50 mm	Straight, very fast cut	10 PCS

RECA jigsaw blade Laminator

Product description:
Blade produced from bimetal, conically ground
Edge-to-edge toothing and angular edged toothing



Application area:
Suitable for laminate, parquet and thin wood types up to 20 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 012	1.9 mm	80.0 mm	60.0 mm	1.25 mm	Fine, fast cut with clean, splinter-proof cut edge	10 PCS

RECA jigsaw blade bimetal 2.5

Product description:
Blade produced from bimetal, conically ground
Angular edged toothing



Application area:
Suitable for all types of wood and plastic up to 30 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 013	2.5 mm	100.0 mm	75.0 mm	1.25 mm	Fine, fast cut	10 PCS

RECA jigsaw blade bimetal 4

Product description:
Blade produced from bimetal
Side set and edged toothing



Application area:
Suitable for all types of wood up to 50 mm.



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Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 014	4.0 mm	100.0 mm	75.0 mm	1.25 mm	Rough, fast cut	10 PCS

RECA jigsaw blade Exact

Product description:
Blade produced from chromium-vanadium steel, conically ground
3-way angular edged toothing



Application area:
Suitable for all types of wood, veneered woods, coated worktops, plastic (incl. Trespa, Varicor, Corian = materials in plumbing applications)
up to 60 mm material thickness.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 100 015	2.5 mm	117.0 mm	91.0 mm	1.45 mm	Fine, straight cut	10 PCS

RECA jigsaw blade bimetal 1.2

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for steel and thin sheet metal from 1.2 mm to 2.0 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 001	1.2 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade bimetal 2

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for steel, thin sheet metal, non-ferrous base metals and aluminium from 2.5 to 6.0 mm.



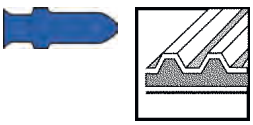
Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 002	2.0 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade Sandwich

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for sandwich materials up to 120 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 003	1.0 mm	185.0 mm	155.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade bimetal 1

Product description:
Blade produced from bimetal
Teeth milled and crimped

Application area:
Suitable for steel and thin sheet metal from 1.0 mm to 3.0 mm.





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Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 012	1.0 mm	132.0 mm	105.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade bimetal 1.2

Product description:
Blade produced from bimetal
Teeth milled and crimped

Application area:
Suitable for steel and thin sheet metal from 1.2 mm to 2.0 mm.





Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 004	1.2 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade bimetal 2

Product description:
Blade produced from bimetal
Teeth milled and crimped

Application area:
Suitable for steel, thin sheet metal, non-ferrous base metals and aluminium from 2.5 to 6.0 mm.





Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 005	2.0 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade Swing

Product description:
Blade produced from HSS steel, toothed back
Teeth milled and side set



Application area:
Suitable for steel up to 30 mm, non-ferrous base metal, aluminium and plastic.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 006	3.0 mm	100.0 mm	75.0 mm	1.0 mm	Very fast curved cut for the tightest radii	10 PCS

RECA jigsaw blade Twist

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for thin sheet metal from 1.5 mm to 4.0 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 007	2.0 mm	77.0 mm	50.0 mm	1.0 mm	Curved cut	10 PCS

RECA jigsaw blade HSS 0.7

Product description:
Teeth produced from HSS steel
Teeth milled and crimped



Application area:
Suitable for very thin sheet metal from 0.5 mm to 1.5 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 008	0.7 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade HSS 1.2

Product description:
Blade produced from HSS steel
Teeth milled and crimped



Application area:
Suitable for thin sheet metal from 1.2 mm to 2.0 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 009	1.2 mm	77.0 mm	55.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade Battery Speed M

Product description:
Blade produced from bimetal
Teeth milled and side set with progressive tooth pitch
Specially designed for battery-operated machines



Application area:
Suitable for thin to thick sheets from 1.5 to 10.0 mm, pipes and profiles, incl. aluminium (diameter < 30 mm).



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 010	1.4 mm	100.0 mm	75.0 mm	0.8 mm	Very fast, straight cut	10 PCS

RECA jigsaw blade Uni Speed M

Product description:
Blade produced from bimetal
Teeth milled and side set with progressive tooth pitch



Application area:
Suitable for thin to thick sheets from 1.5 to 10.0 mm, pipes and profiles, incl. aluminium (diameter < 30 mm).



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 011	1.2 mm	100.0 mm	75.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade HSS 3

Product description:
Blade produced from HSS steel
Teeth milled and side set



Application area:
Suitable for aluminium, thin to thick sheets from 3.0 to 15.0 mm, pipes and profiles, (diameter < 30 mm).



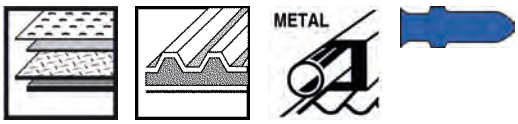
Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 013	3.0 mm	100.0 mm	77.0 mm	1.0 mm	Fast, straight cut	10 PCS

RECA jigsaw blade bimetal 1.8

Product description:
Blade produced from bimetal
Teeth milled and side set



Application area:
Suitable for steel, moderately thick sheets (2.5 to 6 mm), sandwich materials (<65 mm), pipes and profiles (diameter <65 mm).



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 200 014	1.8 mm	132.0 mm	107.0 mm	1.0 mm	Fast, straight cut	10 PCS

Carbide jigsaw blade, 1.1, tooth pitch 1.1 mm

Product description:
Blade with ground toothed strip produced from cemented carbide and conically ground



Application area:
Suitable for thin, stainless steel sheeting from 1.5 mm to 3.0 mm.

Advice:
When sawing, reduce the number of strokes, switch off oscillation and use coolant.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 300 001	1.1 mm	83.0 mm	55.0 mm	1.0 mm	Fine, straight cut	5 PCS

RECA jigsaw blade bimetal 0.8

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for thin, stainless steel sheeting from 0.5 mm to 1.5 mm.

Advice:
When sawing, reduce the number of strokes, switch off oscillation and use coolant.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 300 002	0.8 mm	83.0 mm	53.0 mm	0.9 mm	Fine, straight cut	10 PCS

RECA jigsaw blade bimetal 1.4

Product description:
Blade produced from bimetal
Teeth milled and crimped



Application area:
Suitable for thin, stainless steel sheeting from 1.5 mm to 4.0 mm.

Advice:
When sawing, reduce the number of strokes, switch off oscillation and use coolant.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 300 003	1.4 mm	83.0 mm	53.0 mm	0.9 mm	Fine, straight cut	10 PCS

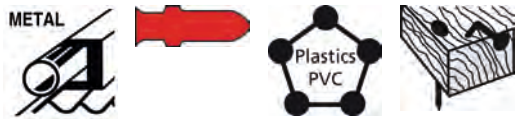
RECA jigsaw blade Multi L

Product description:
Blade produced from bimetal with M-tooth
Cut in forward and reverse stroke, hence faster sawing progress



Application area:
Suitable for timber with nails up to 30 mm, pipes, profiles and sheet metal from 1.5 to 3 mm.

Advice:
Application at high speeds and with pendulum stroke.



Art. No.	Tooth shape	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 400 001	M - tooth	100.0 mm	75.0 mm	1.0 mm	Straight cut	10 PCS

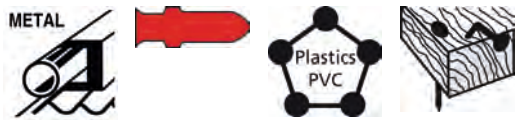
RECA jigsaw blade Multi XL

Product description:
Blade produced from bimetal with M-tooth
Cut in forward and reverse stroke, hence faster sawing progress



Application area:
Suitable for timber with nails up to 60 mm, pipes, profiles and sheet metal from 2.5 mm.

Advice:
Application at high speeds and with pendulum stroke.



Art. No.	Tooth shape	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 400 002	M - tooth	133.0 mm	105.0 mm	1.27 mm	Straight cut	10 PCS

RECA jigsaw blade Uni Speed U

Product description:
Blade produced from bimetal
Toothing side set with progressive tooth pitch



Application area:
Suitable for timber with nails up to 65 mm, wood-based materials, plastics, sheet metal, pipes and profiles, incl. aluminium (3 to 10 mm diameter).



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 400 003	2.4 mm	132.0 mm	108.0 mm	1.25 mm	Fast, rough, straight cut	10 PCS

RECA jigsaw blade HM 3.3

Product description:
Blade with ground toothed strip produced from cemented carbide and conically ground



Application area:
Suitable for glass-fibre-reinforced plastics (GFRP) up to 65 mm, Corian 5.0–20 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 500 001	3.3 mm	117.0 mm	90.0 mm	1.25 mm	Fine, straight cut	5 PCS

RECA jigsaw blade HM 4.2

Product description:
Blade with conically ground, side-set and carbide-tipped toothing



Application area:
Suitable for glass-fibre-reinforced plastics (GFRP) from 5.0 to 20 mm, gypsum plasterboard and cement fibreboards from 5.0 to 50 mm.



Art. No.	Teeth spacing	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 500 002	4.2 mm	100.0 mm	75.0 mm	1.25 mm	Rough, straight cut	5 PCS

RECA jigsaw blade Wave

Product description:
Blade produced from chromium-vanadium steel
With serrated edge on both sides



Application area:
Suitable for mineral wool, foams (EPS/PUR), Styrodur, Styropor, leather, rubber, paper and carpet up to 100 mm.



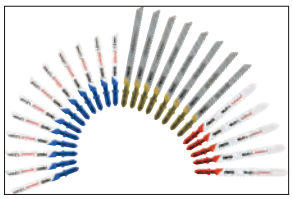


Art. No.	Tooth shape	Length	Usable length	Thickness	Cut	Packaging unit (VPE)
0604 500 003	Serrated edge	180.0 mm	155.0 mm	1.27 mm	Clean, fast cut	5 PCS

RECA jigsaw blades combi-pack for metal/wood

Product description:
This 25-piece universal range can be used with various materials. Cuts almost all materials from plywood to metal to plastic.



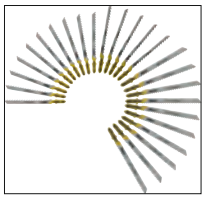


Art. No.	Content remark	Packaging unit (VPE)
0604 000 067	12 x RECA bi-metal 1.2 mm for steel, thin sheet from 1.2 to 2.0 mm. (Item no: 0604 200 004) Fast, straight cut. Overall length 77 mm 5 x RECA Multi-L for wood with nails to 30 mm, pipe, profiles, sheet from 1.5 to 3 mm thick. (Item no: 0604 400 001) Straight cut. Overall length 100 mm 8 x RECA CV 2.5 mm for all wood types and plastic up to 30 mm. (Item no: 0604 100 003) Fine, fast cut. Overall length 100 mm	1 PCS

RECA jigsaw blades combi-pack for wood/plastic

Product description:
This 25-piece universal range can be used for all almost all wood applications.
Plywood, plastic-coated panels, natural wood or MDF - nothing will phase you.
The RECA Swing jigsaw blade also ensures clean and narrow curved cuts.





Art. No.	Content remark	Packaging unit (VPE)
0604 000 071	10 x RECA CV 2.5 mm for all wood types and plastics up to 30 mm. (Item no: 0604 100 003) Fine, fast cut. Overall length 100 mm 10 x RECA CV 4 mm for all wood types up to 50 mm. (Item no: 0604 100 004) Coarse, fast cut. Overall length 100 mm 5 x RECA Swing with back toothing for all wood types up to 50 mm. (Item no: 0604 100 008) Coarse, fast curved cut. Overall length 100 mm	1 PCS

RECA sabre saw blade Uni Speed Wood

Product description:
Universal sabre saw blade for all types of wood and plastics.
Tooth design: side set and ground



Advantages:
- Long service life!
- Progressive tooth pitch = reduced vibration on cutting.

Application area:
Construction timber (<100 / 150 mm), boards: Chipboard, MDF (6-60 mm),

plywood, plastic (<100 / 150 mm), timber wall (<100 /150 mm - depending on blade length)

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 115 001	2.5-4.3 mm	150 mm	130 mm	19 mm	1.25 mm	Rough, very fast cut	Bimetal	10 PCS
0605 115 002	2.5-4.3 mm	150 mm	130 mm	19 mm	1.25 mm	Rough, very fast cut	Bimetal	25 PCS
0605 115 003	2.5-4.3 mm	200 mm	180 mm	19 mm	1.25 mm	Rough, very fast cut	High-speed chrome steel	10 PCS
0605 115 004	2.5-4.3 mm	200 mm	180 mm	19 mm	1.25 mm	Rough, very fast cut	High-speed chrome steel	25 PCS

RECA sabre saw blade Greenwood Combo 4/5

Product description:
Sabre saw blade specially for green wood.
Tooth design: side set, cross-ground and inductively hardened



Application area:
Green wood (<190 mm)

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 116 001	5-6.35 mm	240 mm	220 mm	19 mm	1.27 mm	Rough, aggressive cut	High-speed chrome steel	10 PCS
0605 116 002	5-6.35 mm	240 mm	220 mm	19 mm	1.27 mm	Rough, aggressive cut	High-speed chrome steel	25 PCS

RECA sabre saw blade CV 6

Product description:
Sabre saw blade for all types of wood, bonded and plastics.
Tooth design: milled and side set



Application area:
In all wood types, plastic and gypsum plasterboard

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 118 001	225 mm	205 mm	19 mm	1.27 mm	Rough, fast cut	High-speed chrome steel	25 PCS
0605 118 002	300 mm	280 mm	19 mm	1.27 mm	Rough, fast cut	High-speed chrome steel	25 PCS

RECA sabre saw blade Combo 5/8

Product description:
Extra robust sabre saw blade for straight cuts in all types of wood, including with low quantity of metal debris or nails.
Tooth design: milled and side set



Application area:
In all wood types with low quantity of metal debris/nails.

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 117 001	3.2-5 mm	150 mm	130 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	10 PCS
0605 117 002	3.2-5 mm	150 mm	130 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	25 PCS
0605 117 003	3.2-5 mm	225 mm	205 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	10 PCS
0605 117 004	3.2-5 mm	225 mm	205 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	25 PCS

RECA sabre saw blade Window 6

Product description:
Sabre saw blade for disassembly of window frames (wood and metal). Especially suitable for plunge cuts. Though also wood with nails, chipboard and plastics or solid GFRP can be cut with this blade.
Tooth design: milled and side set



Advantages:
- Especially suitable for window removal and plunge cuts!

Application area:
Wood with nails/metal, chipboard (<100 / 175 / 250 mm - depending on blade length), plastic profiles (ø <100 / 175 / 250 mm - depending on blade length), plastics/solid GFRP (<50 / 60 mm - depending on blade length), window frames: Wood and metal, especially for plunge cuts

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 119 001	150 mm	130 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	10 PCS
0605 119 002	150 mm	130 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	25 PCS
0605 119 003	225 mm	205 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	10 PCS
0605 119 004	225 mm	205 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	25 PCS
0605 119 005	300 mm	280 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	10 PCS
0605 119 006	300 mm	280 mm	19 mm	1.27 mm	Rough, fast cut	Bimetal	25 PCS

RECA sabre saw blade metal 10

Product description:
Sabre saw blade for steel, stainless steels and non-ferrous metals.
Tooth design: milled and side set



Application area:
Steel and stainless steels from 3.0 to 12 mm and non-ferrous metals.

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 222 001	150 mm	130 mm	19 mm	0.9 mm	Rough cut	Bimetal	10 PCS
0605 222 002	150 mm	130 mm	19 mm	0.9 mm	Rough cut	Bimetal	25 PCS
0605 222 003	200 mm	180 mm	19 mm	0.9 mm	Rough cut	Bimetal	10 PCS
0605 222 004	200 mm	180 mm	19 mm	0.9 mm	Rough cut	Bimetal	25 PCS
0605 222 005	280 mm	260 mm	19 mm	0.9 mm	Rough cut	Bimetal	10 PCS
0605 222 006	280 mm	260 mm	19 mm	0.9 mm	Rough cut	Bimetal	25 PCS

RECA sabre saw blade Exact Combo 8/10

Product description:
Sabre saw blade for thick sheet metal, thick-walled enclosed and open profiles and piping.
Tooth design: patented 2x2 tooth geometry



Advantages:
- Quick, accurate, precisely angled cuts (owing to blade height of 25 mm)!

Application area:
Thick sheet metal (4-12 mm), thick-walled enclosed and open profiles and piping (<100 mm / 175 mm), limited suitability for stainless steel!

Advice:
Also suitable for glass!

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 221 001	2.5-3.2 mm	150 mm	130 mm	25 mm	1.1 mm	Fast, rough, straight cut	Bimetal	10 PCS
0605 221 002	2.5-3.2 mm	150 mm	130 mm	25 mm	1.1 mm	Fast, rough, straight cut	Bimetal	25 PCS
0605 221 003	2.5-3.2 mm	225 mm	205 mm	25 mm	1.1 mm	Fast, rough, straight cut	Bimetal	10 PCS
0605 221 004	2.5-3.2 mm	225 mm	205 mm	25 mm	1.1 mm	Fast, rough, straight cut	Bimetal	25 PCS

RECA sabre saw blade Robust Combo 8/10

Product description:
Sabre saw blade with powerful, rough cut for robust application and rescue and demolition work. Ideal for pipe cutting equipment.
Tooth design: patented 2x2 tooth geometry



Application area:
Thick sheet metal (4-12 mm), thick-walled, solid pipes and profiles (<100 mm / 175 mm). Ideal for pipe cutting equipment, for rescue and demolition work

Advice:
Also suitable for glass!

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 220 001	2.5-3.2 mm	150 mm	130 mm	22 mm	1.6 mm	Rough, aggressive cut	Bimetal	10 PCS
0605 220 002	2.5-3.2 mm	150 mm	130 mm	22 mm	1.6 mm	Rough, aggressive cut	Bimetal	25 PCS
0605 220 003	2.5-3.2 mm	225 mm	205 mm	22 mm	1.6 mm	Rough, aggressive cut	Bimetal	10 PCS
0605 220 004	2.5-3.2 mm	225 mm	205 mm	22 mm	1.6 mm	Rough, aggressive cut	Bimetal	25 PCS

RECA sabre saw blade metal 18

Product description:
Sabre saw blade for thin metal sheeting, pipes and profiles made of metal.
Tooth design: milled and side set



Application area:
Thin sheet metal (1.5-4 mm), pipes/profiles (ø <100 / 150 mm - depending on blade length).

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 227 001	150 mm	130 mm	19 mm	0.9 mm	Fine cut	Bimetal	10 PCS
0605 227 002	150 mm	130 mm	19 mm	0.9 mm	Fine cut	Bimetal	25 PCS
0605 227 003	200 mm	180 mm	19 mm	0.9 mm	Fine cut	Bimetal	10 PCS
0605 227 004	200 mm	180 mm	19 mm	0.9 mm	Fine cut	Bimetal	25 PCS

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RECA sabre saw blade Exact Combo 14/18

Product description:
Sabre saw blade for medium-thick to thick sheet metal, thin-walled enclosed and open profiles and piping made from metal.
Tooth design: patented 2x2 tooth geometry



Advantages:
- Fine, accurate, precisely angled cuts (owing to blade height of 25 mm)!

Application area:
Medium-thick to thick sheet metal (3-8 mm), thin-walled enclosed and open profiles and piping (<100 / 175 mm - depending on blade length).

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 226 001	1.4-1.8 mm	150 mm	130 mm	25 mm	1.1 mm	Fine, straight cut	Bimetal	10 PCS
0605 226 002	1.4-1.8 mm	150 mm	130 mm	25 mm	1.1 mm	Fine, straight cut	Bimetal	25 PCS
0605 226 003	1.4-1.8 mm	225 mm	205 mm	25 mm	1.1 mm	Fine, straight cut	Bimetal	10 PCS
0605 226 004	1.4-1.8 mm	225 mm	205 mm	25 mm	1.1 mm	Fine, straight cut	Bimetal	25 PCS

RECA sabre saw blade metal 14

Product description:
Sabre saw blade for thick metal sheeting, solid pipes and profiles made of metal.
Tooth design: milled and side set



Application area:
Thick sheet metal (3-8 mm), solid pipes/profiles (ø 10 to <100 / 150 / 200 mm - depending on blade length). Limited suitability for stainless steel!

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 225 001	150 mm	130 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	10 PCS
0605 225 002	150 mm	130 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	25 PCS
0605 225 003	200 mm	180 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	10 PCS

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 225 004	200 mm	180 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	25 PCS
0605 225 005	250 mm	230 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	10 PCS
0605 225 006	250 mm	230 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	25 PCS

RECA sabre saw blade Power Combo 10/14

Product description:
Sabre saw blade manufactured from innovative powder-metallurgical high-performance steel and therefore harder, more heat-resistant and more hard-wearing than bi-metal.
The physical properties of the new „XLS" material create significantly smoother structures in the micro range on the cutting edges of the teeth.
Tooth design: milled and side set



Advantages:
- 20% faster, more resistant and more cuts per blade compared to conventional blades!

Application area:
For metal from 2.0 mm, non-ferrous metals & aluminium, cast metal/SML and wood with metal residues (< 60 / 110 / 160 / 240 mm - depending on blade length). Limited suitability for stainless steel!

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 224 001	1.8-2.5 mm	100 mm	80 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 224 002	1.8-2.5 mm	150 mm	130 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 224 003	1.8-2.5 mm	150 mm	130 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS
0605 224 004	1.8-2.5 mm	225 mm	205 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 224 005	1.8-2.5 mm	225 mm	205 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS
0605 224 006	1.8-2.5 mm	280 mm	260 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 224 007	1.8-2.5 mm	280 mm	260 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS

RECA sabre saw blade Combo 10/14

Product description:
Sabre saw blade for metals and wood with metal residues.
Tooth design: milled and side set



Application area:
For all types of wood with metal residues; steel from 2.5 mm. Especially suitable for pallet repairs (< 60 / 110 / 160 / 240 mm - depending on blade length).

Advice:
Especially suitable for pallet repairs!

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 223 001	1.8-2.5 mm	100 mm	80 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 223 002	1.8-2.5 mm	150 mm	130 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 223 003	1.8-2.5 mm	150 mm	130 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS
0605 223 004	1.8-2.5 mm	200 mm	180 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS
0605 223 005	1.8-2.5 mm	200 mm	180 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS
0605 223 006	1.8-2.5 mm	280 mm	260 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	10 PCS

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 223 007	1.8-2.5 mm	280 mm	260 mm	19 mm	0.9 mm	Rough, fast cut	Bimetal	25 PCS

RECA sabre saw blade Uni Speed Metal

Product description:
Universal sabre saw blade for thin to thick sheet metal and thin to solid piping and profiles made from metal.
Tooth design: milled and side set



Advantages:
- Long service life!
- Progressive tooth pitch = reduced vibration on cutting.

Application area:
Thin to thick sheet metal (1-8 mm), thin to solid profiles (ø 5 to <100 / 150 mm - depending on blade length).

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 219 001	1.4-3.2 mm	150 mm	130 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	10 PCS
0605 219 002	1.4-3.2 mm	225 mm	205 mm	19 mm	0.9 mm	Fine, fast cut	Bimetal	10 PCS

RECA sabre saw blade, stainless steel 18

Product description:
Sabre saw blade for sheet metal and profiles made from stainless steel, and GFRP and epoxy.
Tooth design: Carbide strip, ground teeth



Application area:
Stainless steel sheet metal (2-4 mm), stainless steel profiles (ø <50 / 100 / 150 mm - depending on blade length), GFRP/epoxy (<50 / 100 / 150 mm - depending on blade length).

Advice:
When sawing, reduce the number of strokes, switch off oscillation and use coolant!

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 301 001	115 mm	95 mm	19 mm	1.0 mm	Fine, straight cut	Tungsten Carbide	5 PCS
0605 301 002	150 mm	130 mm	19 mm	1.0 mm	Fine, straight cut	Tungsten Carbide	5 PCS
0605 301 003	200 mm	180 mm	19 mm	1.0 mm	Fine, straight cut	Tungsten Carbide	5 PCS

RECA sabre saw blade Multi XL

Product description:
Universal sabre saw blade with patented M special toothing for metal, non-ferrous base metal, plastic and wood with nails.
The robust teeth cut in forward and reverse stroke for rapid and precise cuts with long service life.
Tooth design: M-toothing



Application area:

For metal from 1.5 mm or 2.5 mm wall thickness with above-average service life

Advice:
Optimal results with maximum machine speed with pendulum stroke!

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 401 001	150 mm	130 mm	19 mm	0.9 mm	Very fast, straight cut	Bimetal	10 PCS
0605 401 002	200 mm	180 mm	19 mm	0.9 mm	Very fast, straight cut	Bimetal	10 PCS

RECA sabre saw blade Uni Speed Universal

Product description:
Universal sabre saw blade for wood with nails/metal, chipboard, metal, aluminium and GFRP/epoxy.
Tooth design: milled and side set



Advantages:
- Long service life!
- Progressive tooth pitch = reduced vibration on cutting.

Application area:
Wood with nails/metal, chipboard (<150 mm), sheet metal, aluminium profiles (3-18 mm), GFRP/epoxy (<150 mm) with very long service life

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 402 001	2.1-4.3 mm	150 mm	130 mm	19 mm	1.25 mm	Fast, rough cut	Bimetal	10 PCS

RECA sabre saw blade, granulate

Product description:
Special blade for cast steel piping, SML, red brick, ceramic and fibreglass-reinforced plastics (GFRP)/epoxy.
Tooth design: Carbide granulate coated



Application area:
Cast steel piping, cast iron (SML), red brick, ceramic and fibreglass-reinforced plastics (GFRP)/epoxy.

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 507 001	150 mm	130 mm	19 mm	1.05 mm	Rough, slow cut	Tungsten Carbide	2 PCS
0605 507 002	230 mm	210 mm	19 mm	1.05 mm	Rough, slow cut	Tungsten Carbide	2 PCS

RECA sabre saw blade Wave+

Product description:
Special blade for cutting fibre insulation materials, cardboard, foams, Styrodur, leather, rubber, paper and carpet.
Tooth design: Serrated edge



Advantages:
- Sharp-ground tip: for precise plunge cuts without straying.
- Precise cuts even in thick and dense fibre insulation materials.

Application area:
Fibre insulation materials (up to 175 / 250 / 350 mm material thickness depending on blade length), cardboard, foams, Styrodur, leather, rubber, paper and carpet

Advice:
Suitable for plunge cuts!

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 508 001	225 mm	205 mm	22 mm	1.3 mm	Clean, fast cut	High-speed chrome steel	2 PCS
0605 508 002	300 mm	280 mm	22 mm	1.3 mm	Clean, fast cut	High-speed chrome steel	2 PCS
0605 508 003	400 mm	380 mm	44 mm	1.3 mm	Clean, fast cut	High-speed chrome steel	1 PCS

RECA sabre saw blade Poroton

Product description:
Special sabre saw blade for cutting components such as poroton brick, aerated concrete and Ytong.
Tooth design: Carbide teeth



Advantages:
- Very straight cut owing to 51 mm high blade!

Application area:
Components (poroton brick, aerated concrete/Ytong) up to 215 / 365 mm material thickness - depending on blade length)

Advice:
Use only with machines from 1000 watt output!

Art. No.	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 509 001	305 mm	255 mm	50 mm	1.5 mm	Fast, straight cut	Tungsten Carbide	1 PCS
0605 509 002	455 mm	405 mm	50 mm	1.5 mm	Fast, straight cut	Tungsten Carbide	1 PCS

RECA sabre saw blade Progressor

The specialist for wood and metal. Very fast with a long service life.

Product description:
Special sabre saw blade with powerful, coarse and fast cut for wood with high-alloy (hardened) screws and nails or steel elements, steel casting pipes and fibreglass-reinforced plastic / epoxy.
Ideally suited for disassembly with a longer service life!
Tooth design: Cemented carbide teeth, set and ground





Advantages:
- Up to 10x longer service life in comparison to bi-metal in different demolition applications.
- Cemented carbide technology
- Very fast cut

Application area:
Wood with high-alloy (hardened) screws and nails (5-100 / 175 mm – depending on blade length), wood with steel elements (5-100 / 175 mm – depending on blade length), steel casting pipes (Ø < 3" / 6" – depending on blade length), GRP/epoxy (< 100 /175 mm – depending on blade length)

Advice:
Particularly suitable for steel casting pipes!

Art. No.	Min./max teeth spacing	Length	Usable length	Height	Thickness	Cut	Material	Packaging unit (VPE)
0605 510 001	3.2-4.2 mm	150 mm	130 mm	25 mm	1.3 mm	Rough, fast cut	Tungsten Carbide	3 PCS
0605 510 002	3.2-4.2 mm	225 mm	205 mm	25 mm	1.3 mm	Rough, fast cut	Tungsten Carbide	3 PCS

RECA handle for sabre saw blade

Product description:
One tool for sawing and screwing. For sabre saw blades with 1/2 inch standard mount and 1/4 inch bits and bit holders.
Ideal handling with straight and angled handle.
The angled power grip, which can be locked in place, facilitates ergonomic working.
Tool changes are performed using a rotating fastening ring.
Additionally, the grip cap contains space for 6 bits (1/4 inch, 25 mm long).
It can also be used in hard-to-access places where machine use is no longer possible.
In combination with the corresponding sabre saw blade, it is also suitable for easy working in wood and metal.

Advice:
Please only use the bits with the bit holder!
The saw blade is laterally locked by means of the pin!





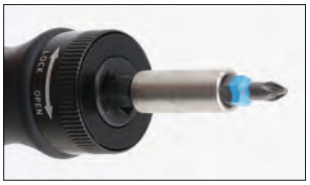












Art. No.	Length	Weight	Packaging unit (VPE)
0605 010 002	158.0 mm	158 g	1 PCS





RECA hacksaw frame with saw blade 150 mm

Product description:
reca mini saw bow with blade.

Advice:
Matching replacement saw blades: Art. no. 0603 102 150 (VPE 12 pcs)



Art. No.	Packaging unit (VPE)
0603 102	1 PCS

Bow saw spare blade, bimetal

Product description:
reca bow saw spare blades made of bimetal. The main blade is made of spring steel with a seamlessly welded HSS toothed strip. These reca bow saw blades are therefore fully flexible and break-proof.



Art. No.	Teeth per unit of length	Tooth shape	Length	Height	Cutting edge width	Package size	Packaging unit (VPE)
0603 300 30		Progressive	300.0 mm	13.0 mm	0.65 mm	50	10 PCS
0603 300 318	18 PCS/Inch		300.0 mm	13.0 mm	0.65 mm	50	10 PCS
0603 300 139	24 PCS/Inch		300.0 mm	13.0 mm	0.65 mm	50	10 PCS
0603 300 132	32 PCS/Inch		300.0 mm	13.0 mm	0.65 mm	50	10 PCS

Double-sided bow saw spare blades



Art. No.	Type	Teeth per unit of length	Length	Height	Cutting edge width	Packaging unit (VPE)
0603 300 25	HSS, fully hardened	24 PCS/Inch	300.0 mm	25.0 mm	0.8 mm	10 PCS

Art. No.	Type	Teeth per unit of length	Length	Height	Cutting edge width	Packaging unit (VPE)
0603 300 025	Tool steel, hardened teeth	24 PCS/Inch	300.0 mm	25.0 mm	0.8 mm	10 PCS

Bow saw spare blade

Product description:
Saw blades produced from HSS, suitable for RECA mini saw (art no. 0603 102) and PUK hacksaw frame (art. no 0603 103)



Art. No.	Length	Package size	Packaging unit (VPE)
0603 102 150	150.0 mm	144	12 PCS

Hacksaw frame „PUK“ with saw blade 150 mm.

Product description:
Original PUK hacksaw frame with saw blade 150 mm.



Art. No.	Packaging unit (VPE)
0603 103	1 PCS

RECA hacksaw frame with saw blade 300 mm

Product description:
Two-component handle for comfort while working.
The saw bow is fitted with a progressive saw blade (item no. 0603 300 30).



Art. No.	Length	Length of blade	Packaging unit (VPE)
0603 101 301	500.0 mm	300.0 mm	1 PCS

MEISTER hacksaw frame

Advantages:

- Quick and easy insertion of saw blade using non-slip clamping screw.
- The saw blade is inserted easily into the fixed locking pins. The superior spade-type handle enables safe and precise work.
- Magazine for ten saw blades built into the bow.
- Quick reclamping from 0° to 55° position for flush sawing.
- Chromium-plated steel bow, rustproof, coated castings.



Art. No.	Type	Length	Length of blade	Packaging unit (VPE)
0603 100 300	reca MEISTER hacksaw frame incl. ten progressive saw blades in the magazine	400.0 mm	300.0 mm	1 PCS
0603 100	reca MEISTER hacksaw frame with progressive saw blade	400.0 mm	300.0 mm	1 PCS

RECA hand saw with plastic handle

Product description:
Saw blade produced from electric steel with fibreglass-reinforced plastic handle. Induction-hardened teeth (with tooth protection).
Tooth pitch: 7 Tpi (teeth per inch)



Art. No.	Length	Length of blade	Teeth spacing	Packaging unit (VPE)
0695 600 158	630.0 mm	500.0 mm	3.6 mm	1 PCS

Jigsaw with wooden handle

Product description:
Jigsaw with coated handle. Teeth are side set and edged.



Art. No.	Length	Length of blade	Packaging unit (VPE)
0695 600 150	450.0 mm	300.0 mm	1 PCS

Fine saw with straight wooden handle

Product description:
Backsaw, polished back.
Design: straight.



Art. No.	Length	Length of blade	Packaging unit (VPE)
0695 600 135	360.0 mm	250.0 mm	1 PCS

Fine saw with wooden handle with depressed centre

Product description:
Backsaw, polished back.
Design: adjustable for left and right-hand use.



Art. No.	Length	Length of blade	Packaging unit (VPE)
0695 600 145	380.0 mm	250.0 mm	1 PCS

EXTREME hole saw HSS-Co8

Bimetal for steel and stainless steel

Product description:
For use with portable and stationary machines. Use coolant when cutting metals. Reduce speed with stainless steels. Regularly remove chippings to prevent overheating. Maximum cutting depth 38 mm.

Advantages:
- Reinforced base plate with more threads
  - Higher degree of concentricity
  - No thread tearing
- Extreme tooth shape
  - Fastest sawing progress for minimum tooth breakage
  - Simple spot drilling
- Tooth pitch Vario 4/6Z HSS-Co8 (8% Co)
  - Fastest heat dissipation – maximum service life
  - High-quality cut



Field of Application:
Universal application with many materials. e.g. steel, stainless steel, cast metal, copper, bronze, aluminium, plastic, wood, etc.





Art. No.	Diameter	Diameter in inches	Packaging unit (VPE)
0609 000 014	14 mm	9/16 in	1 PCS

Art. No.	Diameter	Diameter in inches	Packaging unit (VPE)
0609 000 016	16 mm	5/8 in	1 PCS
0609 000 017	17 mm	11/16 in	1 PCS
0609 000 019	19 mm	3/4 in	1 PCS
0609 000 020	20 mm	25/32 in	1 PCS
0609 000 021	21 mm	13/16 in	1 PCS
0609 000 022	22 mm	7/8 in	1 PCS
0609 000 024	24 mm	15/16 in	1 PCS
0609 000 025	25 mm	1 in	1 PCS
0609 000 027	27 mm	1-1/16 in	1 PCS
0609 000 029	29 mm	1-1/18 in	1 PCS
0609 000 030	30 mm	1-3/16 in	1 PCS
0609 000 032	32 mm	1-1/4 in	1 PCS
0609 000 033	33 mm	1-5/16 in	1 PCS
0609 000 035	35 mm	1-3/8 in	1 PCS
0609 000 037	37 mm	1-7/16 in	1 PCS
0609 000 038	38 mm	1-1/2 in	1 PCS
0609 000 040	40 mm	1-9/16 in	1 PCS
0609 000 041	41 mm	1-5/8 in	1 PCS
0609 000 043	43 mm	1-11/16 in	1 PCS
0609 000 044	44 mm	1-3/4 in	1 PCS
0609 000 046	46 mm	1-13/16 in	1 PCS
0609 000 048	48 mm	1-7/8 in	1 PCS
0609 000 051	51 mm	2 in	1 PCS
0609 000 052	52 mm	2-1/16 in	1 PCS
0609 000 054	54 mm	2-1/8 in	1 PCS
0609 000 057	57 mm	2-1/4 in	1 PCS
0609 000 059	59 mm	2-5/16 in	1 PCS
0609 000 060	60 mm	2-3/8 in	1 PCS
0609 000 064	64 mm	2-1/2 in	1 PCS
0609 000 065	65 mm	2-9/16 in	1 PCS
0609 000 067	67 mm	2-5/8 in	1 PCS
0609 000 068	68 mm	2-11/16 in	1 PCS
0609 000 070	70 mm	2-3/4 in	1 PCS
0609 000 073	73 mm	2-7/8 in	1 PCS
0609 000 074	74 mm	2-23/25 in	1 PCS
0609 000 076	76 mm	3 in	1 PCS
0609 000 079	79 mm	3-1/8 in	1 PCS
0609 000 083	83 mm	3-1/4 in	1 PCS
0609 000 086	86 mm	3-3/8 in	1 PCS
0609 000 089	89 mm	3-1/2 in	1 PCS
0609 000 092	92 mm	3-5/8 in	1 PCS
0609 000 095	95 mm	3-3/4 in	1 PCS
0609 000 098	98 mm	3-7/8 in	1 PCS
0609 000 102	102 mm	4 in	1 PCS
0609 000 105	105 mm	4-1/8 in	1 PCS
0609 000 108	108 mm	4-1/4 in	1 PCS
0609 000 111	111 mm	4-3/8 in	1 PCS
0609 000 114	114 mm	4-1/2 in	1 PCS
0609 000 121	121 mm	4-3/4 in	1 PCS
0609 000 127	127 mm	5 in	1 PCS
0609 000 140	140 mm	5-1/2 in	1 PCS
0609 000 152	152 mm	6 in	1 PCS

EXTREME hole saw HSS-Co8

Bimetal for steel and stainless steel

Product description:
For use with portable and stationary machines. Use coolant when cutting metals. Reduce speed with stainless steels. Regularly remove chippings to prevent overheating. Maximum cutting depth 38 mm.

Advantages:
- Reinforced base plate with more threads
  - Higher degree of concentricity
  - No thread tearing
- Extreme tooth shape
  - Fastest sawing progress for minimum tooth breakage
  - Simple spot drilling
- Tooth pitch Vario 4/6Z HSS-Co8 (8% Co)
  - Fastest heat dissipation – maximum service life
  - High-quality cut

Field of Application:
Universal application with many materials. e.g. steel, stainless steel, cast metal, copper, bronze, aluminium, plastic, wood, etc.







Art. No.	Content remark	Packaging unit (VPE)
0609 001 003	Electrical set with dimensions: 5 x 68, 2 x 74, 1 x 83 mm	1 PCS
0609 001 002	Sanitary set with dimensions: 2 x 25, 2 x 32, 1 x 44, 1 x 57, 2 x 68 mm	1 PCS
0609 001 025	Trade pack with 12 x 25 mm hole saws	1 PCS
0609 001 030	Trade pack with 12 x 30 mm hole saws	1 PCS
0609 001 032	Trade pack with 12 x 32 mm hole saws	1 PCS
0609 001 051	Trade pack with 12 x 51 mm hole saws	1 PCS
0609 001 068	Trade pack with 12 x 68 mm hole saws	1 PCS
0609 001 074	Trade pack with 12 x 74 mm hole saws	1 PCS
0609 001 001	Universal set with dimensions: 19, 22, 25, 32, 35, 38, 44, 51, 57, 64, 68 and 76 mm	1 PCS

Centre drill

Product description:
Centre drill suitable for A1, A2 and automatic mechanism mounts.



Art. No.	Diameter	Length	Packaging unit (VPE)
0609 105 080	6.4 mm	80 mm	5 PCS

RECA extension A5

Product description:
Extension for the hole saw mounts.



Art. No.	Type	Length	Shaft diameter	Packaging unit (VPE)
0609 105 300	A5 extension for A2 mount	300.0 mm	11 mm	1 PCS

RECA ejector spring

Product description:
Ejector spring for pressing out sawn workpiece.



Art. No.	Packaging unit (VPE)
0609 105 007	10 PCS

RECA hole saw, carbide-tipped

Product description:
Stainless steel up to 2 mm, unalloyed steels up to 4 mm, plastics, PVC, aluminium, zinc, plaster and lightweight boards can be processed economically with RECA cemented carbide-tipped hole saws.
For use in hand and upright drills.
For upright drills, do not use an automatic feed.

Advantages:
- High concentric precision due to solid construction
- Optimised chip angle with special grinding surface ensure high cutting performance and long service life
- Replaceable centre drill
- A specially hardened shaft is used for diameters from 32 mm for better absorption of the high torsional forces
- Morse taper holders can be used for diameters from 32 mm



Art. No.	Diameter	Suitable for pipe external diameter (M)	Suitable for pipe (PG) (PG)	Number of teeth	Shaft diameter	Packaging unit (VPE)
0632 001 152	15.2 mm		PG 9	4 PCS	10 mm	1 PCS
0632 001 160	16.0 mm	16 mm		4 PCS	10 mm	1 PCS
0632 001 180	18.0 mm			4 PCS	10 mm	1 PCS
0632 001 186	18.6 mm		PG 11	4 PCS	10 mm	1 PCS
0632 001 200	20.0 mm	20 mm		5 PCS	10 mm	1 PCS
0632 001 204	20.4 mm		PG 13,5	5 PCS	10 mm	1 PCS
0632 001 220	22.0 mm			5 PCS	10 mm	1 PCS
0632 001 225	22.5 mm		PG 16	5 PCS	10 mm	1 PCS
0632 001 250	25.0 mm	25 mm		5 PCS	10 mm	1 PCS
0632 001 270	27.0 mm			5 PCS	10 mm	1 PCS
0632 001 283	28.3 mm		PG 21	5 PCS	10 mm	1 PCS

Art. No.	Diameter	Suitable for pipe external diameter (M)	Suitable for pipe (PG) (PG)	Number of teeth	Shaft diameter	Packaging unit (VPE)
0632 001 300	30.0 mm			5 PCS	10 mm	1 PCS
0632 001 320	32.0 mm	32 mm		6 PCS	10 mm	1 PCS
0632 001 350	35.0 mm			6 PCS	10 mm	1 PCS
0632 001 400	40.0 mm	40 mm		7 PCS	10 mm	1 PCS
0632 001 500	50.0 mm	50 mm		9 PCS	10 mm	1 PCS
0632 001 550	55.0 mm			10 PCS	13 mm	1 PCS
0632 001 600	60.0 mm		PG 48	10 PCS	13 mm	1 PCS
0632 001 680	68.0 mm			12 PCS	13 mm	1 PCS
0632 001 700	70.0 mm			12 PCS	13 mm	1 PCS

Accessories for cemented carbide hole saw





Art. No.	Type description	Packaging unit (VPE)
0632 002 001	Centre drill M6x50	5 PCS
0632 002 002	MK-2 holder mount for hole saws 32-70 mm	1 PCS

RECA UNICUT hole saw

Product description:
The RECA UNICUT hole saw is designed for universal use in hammer drills with an SDS-plus chuck system and all drills with 3-jawed chucks.
For plumbers, heating engineers, electricians, drywall builders, interior designers, carpenters and cabinet makers.

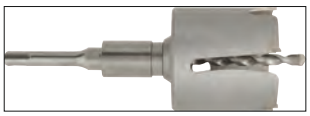


Advantages:
- Fast drilling progress due to aggressive cutting edges designed for universal use.
- Optimised saw body: Improved oscillation and vibration behaviour thanks to the special curve geometry of the enlarged chip spaces and the clearing groove.

Field of Application:
Can be used in
Masonry such as brick and aerated concrete
Gypsum plasterboard, Fermacell
Plastics and plastic-coated wood
Solid wood, particle boards, plywood

Advice:
Maximum drilling depth for all dimensions: 60 mm.
Only use UNICUT hole saw in rotation mode, switch off in the event of impact with the machine!

Art. No.	Diameter	Number of teeth	Packaging unit (VPE)
0610 060 025	25 mm	3 PCS	1 PCS
0610 060 030	30 mm	3 PCS	1 PCS
0610 060 035	35 mm	3 PCS	1 PCS
0610 060 040	40 mm	3 PCS	1 PCS
0610 060 045	45 mm	3 PCS	1 PCS
0610 060 050	50 mm	3 PCS	1 PCS
0610 060 055	55 mm	3 PCS	1 PCS
0610 060 060	60 mm	5 PCS	1 PCS
0610 060 063	63 mm	5 PCS	1 PCS
0610 060 065	65 mm	5 PCS	1 PCS
0610 060 068	68 mm	5 PCS	1 PCS
0610 060 074	74 mm	5 PCS	1 PCS
0610 060 080	80 mm	5 PCS	1 PCS
0610 060 085	85 mm	5 PCS	1 PCS
0610 060 105	105 mm	6 PCS	1 PCS





Countersink bit for RECA UNICUT 68-mm hole saw

Product description:
Countersink bit with cemented carbide blades. Suitable for UNICUT hole saws with a diameter of 68 mm.





Art. No.	Diameter	Number of teeth	Packaging unit (VPE)
0610 060 168	68 mm	3 PCS	1 PCS

RECA UNICUT SDS-plus adapter

Product description:
RECA UNICUT SDS-plus adapter with M16 thread.

Advantages:
- Shortened holder grooves prevent impact drilling with hammer drills with SDS-plus chuck. Even if you forget to switch off the hammer action, damage to the tool is prevented.
- Convenient quick-release closure for quickly changing the centre drill bit.
- No locking screw, which is always a source of danger when rotating.
- Easy removal of drill core: The drill core can be easily removed from the hole saw with the centre drill by releasing the centre drill.
- Wrench flats (SW 11) enable easy loosening of the drive arbor.



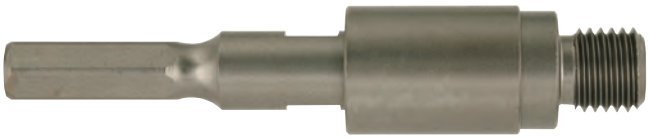
Art. No.	Tool holding device	Length	Packaging unit (VPE)
0610 110 118	Suitable for SDS-plus	118.0 mm	1 PCS





RECA UNICUT hexagon adapter

Product description:
RECA UNICUT hexagon adapter with M16 thread.



Art. No.	Packaging unit (VPE)
0610 111 118	1 PCS





RECA UNICUT centre drill HSS

Product description:
The UNICUT HSS centre drill is suitable for wood and plastic applications.



Art. No.	Diameter	Length	Packaging unit (VPE)
0610 174 109	7.4 mm	120.0 mm	1 PCS

RECA UNICUT centre drill carbide-tipped

Product description:
The UNICUT HSS carbide-tipped centre drill is suitable for masonry applications.



Art. No.	Diameter	Length	Packaging unit (VPE)
0610 180 120	8 mm	120.0 mm	1 PCS

Circular saw blade carbide-tipped

Product description:
Especially suitable for table circular saws, chop saws, hand-held circular saws (Jepson, Elektra-Beckum).
Dry metal cut with high-speed saws.
Can be used for wood, metal, non-ferrous metals, plastic, composites.
Alternating tooth with bevel.
Burr-free cut.

Advice:
For high-speed saws.
Always clamp the workpiece firmly when cutting metals.
reca cooling lubricant greatly increases service life.



Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Rotation speed	Packaging unit (VPE)
0613 305 025	305 mm	25.4 mm	2.4 mm	60 PCS	1500 U/min(rpm)	1 PCS
0613 305 026	305 mm	25.4 mm	2.4 mm	80 PCS	1500 U/min(rpm)	1 PCS
0613 355 026	355 mm	25.4 mm	2.6 mm	80 PCS	1500 U/min(rpm)	1 PCS

Circular saw blade carbide-tipped

The ultimate blade for dry cutting!

Product description:
Specially developed cemented carbide teeth ensure a long service life and a clean cut with no tear out.
Optimum heat dissipation due to special surface treatment.
Suitable for table circular saws, chop saws, hand-held circular saws (Jepson, Elektra-Beckum).
For cutting metal material, solid material, stainless steel, aluminium, plastic, composites and sandwich material.

Advantages:
- Particularly quiet with minimal vibration due to filled laser-cut slots (silicon-free)
- Ideal chip formation
- Long-lasting corrosion protection



Art. No.	Saw blade diameter	Bore diameter	Reducing-ring internal diameter	Cutting edge width	Number of teeth	Max. rotation speed	Packaging unit (VPE)
0613 305 078	305 mm	30 mm	25.4 mm	2.4 mm	78 PCS	1500	1 PCS
0613 355 090	355 mm	30 mm	25.4 mm	2.4 mm	90 PCS	1500	1 PCS

RECA metal circular saw blade, HSS-DMo5

Product description:
Specially treated saw blades (high-speed steel with tungsten, molybdenum and cobalt) for maximum service life when machining steel.
For 4-mm tooth pitch = curved tooth, angled alternately (CT). For cutting pipes.
For 6 and 8-mm tooth pitch = toothing with roughing and finishing tap (HZ).
For cutting solid materials and pipes with thick walls (> 3 mm).

Advice:
For low speeds
Always clamp the workpiece firmly when cutting metals.
RECA cooling lubricant greatly increases service life.



Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Tooth shape	Teeth spacing	Packaging unit (VPE)
0611 250 312	250 mm	32.0 mm	2.5 mm	128 PCS	HZ	6	1 PCS
0611 250 322	250 mm	32.0 mm	2.5 mm	200 PCS	BW	4	1 PCS
0611 275 322	275 mm	32.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0611 275 411	275 mm	40.0 mm	2.5 mm	110 PCS	HZ	8	1 PCS
0611 275 414	275 mm	40.0 mm	2.5 mm	140 PCS	HZ	6	1 PCS
0611 275 422	275 mm	40.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0611 300 316	300 mm	32.0 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0611 300 416	300 mm	40.0 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0611 315 316	315 mm	32 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0611 315 322	315 mm	32.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0611 315 416	315 mm	40.0 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0611 315 422	315 mm	40.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0611 350 414	350 mm	40.0 mm	3.0 mm	140 PCS	HZ	8	1 PCS

Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Tooth shape	Teeth spacing	Packaging unit (VPE)
0611 350 418	350 mm	40.0 mm	3.0 mm	180 PCS	HZ	6	1 PCS
0611 370 419	370 mm	40.0 mm	3.0 mm	190 PCS	HZ	6	1 PCS

RECA metal circular saw blade, inox

Product description:

> 3 mm)

Advice:
For low speeds
Always clamp the workpiece firmly when cutting metals.
RECA cooling lubricant greatly increases service life.



Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Tooth shape	Teeth spacing	Packaging unit (VPE)
0612 250 420	250 mm	40.0 mm	2.0 mm	200 PCS	BW	4	1 PCS
0612 275 414	275 mm	40.0 mm	2.5 mm	140 PCS	HZ	6	1 PCS
0612 275 422	275 mm	40.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0612 315 416	315 mm	40.0 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0612 315 422	315 mm	40.0 mm	2.5 mm	220 PCS	BW	4	1 PCS
0612 350 418	350 mm	40.0 mm	3.0 mm	180 PCS	HZ	6	1 PCS
0612 350 428	350 mm	40.0 mm	3.0 mm	280 PCS	BW	4	1 PCS

RECA metal circular saw blade Universal-Cut

Product description:
PVD-coated (Physical Vapour Deposition = powder-vaporised coating), multi-functional saw blade with maximum surface hardness and minimal friction coefficients.
The saw teeth are coated, strengthening the hardness level of the teeth and increasing the cutting parameters. The blade can be moved at high speeds and very few chips from the sawn material accumulate in the chip space (= tooth breakage and blade breakage are significantly reduced!).
Suitable for the following materials: Steel, stainless steels, aluminium, bronze, copper, brass

Advantages:
- The blade can be used for a range of materials. The tedious process of changing saw blades is no longer necessary!
- Quick sawing and long service life.
- PVD coating far superior to a TiN coating.

Advice:
An alternative to cobalt saw blades in manual machines. High sawing parameters with a long service life; also suitable for machines that are subject to vibrations.



Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Tooth shape	Teeth spacing	Packaging unit (VPE)
0612 125 128	250 mm	40.0 mm	2.0 mm	128 PCS	HZ	6	1 PCS
0612 127 140	275 mm	40.0 mm	2.5 mm	140 PCS	HZ	6	1 PCS
0612 130 160	300 mm	40.0 mm	2.5 mm	160 PCS	HZ	6	1 PCS
0612 135 180	350 mm	40.0 mm	3.0 mm	180 PCS	HZ	6	1 PCS
0612 137 190	370 mm	40.0 mm	3.0 mm	190 PCS	HZ	6	1 PCS

RECA multi-purpose circular saw blade

Product description:
The RECA multi-purpose circular saw blade cuts hardwood and softwood, wood with metal remnants (fittings, nails, screws), plastics, Plexiglas, thermal façade panels, mild steel, aluminium profiles.
Tooth shape: TF (trapeze flat tooth).

Advice:
Suitable for hand-held circular saws, chop saws and mitre saws.





Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Rotation speed	Packaging unit (VPE)
2616 28 150	150 mm	20/16 mm	2.8 mm	42 PCS	12000 U/min(rpm)	1 PCS
2616 28 160	160 mm	20/16 mm	2.8 mm	42 PCS	10000 U/min(rpm)	1 PCS
2616 280 170	170 mm	30 mm	2.8 mm	48 PCS	10000 U/min(rpm)	1 PCS
2616 28 180	180 mm	20/16 mm	2.8 mm	48 PCS	10000 U/min(rpm)	1 PCS
2616 280 180	180 mm	30 mm	2.8 mm	48 PCS	10000 U/min(rpm)	1 PCS
2616 28 190	190 mm	20/16 mm	2.8 mm	54 PCS	9000 U/min(rpm)	1 PCS
2616 280 190	190 mm	30 mm	2.8 mm	54 PCS	9000 U/min(rpm)	1 PCS
2616 28 200	200 mm	30 mm	2.8 mm	54 PCS	9000 U/min(rpm)	1 PCS
2616 28 210	210 mm	30 mm	2.8 mm	54 PCS	9000 U/min(rpm)	1 PCS
2616 28 216	216 mm	30 mm	3.2 mm	60 PCS	9000 U/min(rpm)	1 PCS
2616 32 230	230 mm	30 mm	3.2 mm	64 PCS	8000 U/min(rpm)	1 PCS
2616 32 235	235 mm	30/25 mm	3.2 mm	64 PCS	8000 U/min(rpm)	1 PCS
2616 32 250	250 mm	30 mm	3.2 mm	80 PCS	6000 U/min(rpm)	1 PCS

RECA construction site circular saw blade

Product description:
The saw blade cuts all timbers, plywood, wooden beams even with remnants of metal and concrete, Heraklith boards, aerated concrete blocks.
Tooth shape: Flat tooth with bevel.

Advantages:
- Lasered cooling elements ensure constant even pressure and cooling due to air circulation, i.e. reduced loss of tension, longer service life, better cutting results.
- The special tooth design makes the blade impervious to remnants of metal and concrete.



Art. No.	Saw blade diameter	Bore diameter	Cutting edge width	Number of teeth	Rotation speed	Packaging unit (VPE)
2617 120 300	300 mm	30 mm	3.2 mm	20 PCS	6000 U/min(rpm)	1 PCS
2617 120 315	315 mm	30 mm	3.2 mm	20 PCS	6000 U/min(rpm)	1 PCS
2617 124 350	350 mm	30 mm	3.2 mm	24 PCS	5000 U/min(rpm)	1 PCS
2617 128 400	400 mm	30 mm	3.5 mm	28 PCS	5000 U/min(rpm)	1 PCS
2617 132 450	450 mm	30 mm	3.8 mm	32 PCS	4500 U/min(rpm)	1 PCS
2617 136 500	500 mm	30 mm	3.8 mm	36 PCS	3500 U/min(rpm)	1 PCS
2617 142 600	600 mm	30 mm	3.8 mm	42 PCS	3500 U/min(rpm)	1 PCS
2617 148 700	700 mm	30 mm	4.2 mm	48 PCS	3500 U/min(rpm)	1 PCS

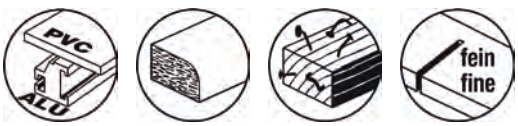
RECA Multi Cut circular saw blade, carbide-tipped

Product description:
Cemented carbide-tipped circular saw blade with asymmetric tooth pitch. Suitable for cutting wood with embedded items or nails, weatherboard material, breeze blocks, particleboard and plywood, aluminium profiles, plastics, Plexiglas, thermal panels, thin-wall mild steel pipes and profiles, softwood, hardwood.

Advantages:
- Particularly quiet and easy cutting due to asymmetric tooth pitch.
- The ultimate blade for practically all applications.

Advice:
Suitable for hand-held circular saws, chop saws, mitre saws and table circular saws.







Art. No.	Saw blade diameter	Bore diameter	Reducing-ring internal diameter	Cutting edge width	Number of teeth	Max. rotation speed	Packaging unit (VPE)
2616 150 024	150 mm	20 mm	16 mm	2.8 mm	24 PCS	12700 U/min(rpm)	1 PCS
2616 160 024	160 mm	20 mm	16 mm	2.8 mm	24 PCS	11900 U/min(rpm)	1 PCS
2616 165 024	165 mm	30 mm	20 mm	2.8 mm	24 PCS	11500 U/min(rpm)	1 PCS
2616 170 024	170 mm	30 mm	20 mm	2.8 mm	24 PCS	11200 U/min(rpm)	1 PCS
2616 180 030	180 mm	30 mm	20 mm	2.8 mm	30 PCS	10600 U/min(rpm)	1 PCS
2616 190 030	190 mm	30 mm	20 mm	2.8 mm	30 PCS	10000 U/min(rpm)	1 PCS
2616 200 030	200 mm	30 mm		2.8 mm	30 PCS	9500 U/min(rpm)	1 PCS
2616 210 034	210 mm	30 mm		2.8 mm	34 PCS	9000 U/min(rpm)	1 PCS
2616 216 034	216 mm	30 mm		2.8 mm	34 PCS	8800 U/min(rpm)	1 PCS
2616 230 034	230 mm	30 mm		2.8 mm	34 PCS	8300 U/min(rpm)	1 PCS
2616 235 034	235 mm	30 mm		2.8 mm	34 PCS	8100 U/min(rpm)	1 PCS
2616 240 042	240 mm	30 mm		2.8 mm	42 PCS	7900 U/min(rpm)	1 PCS
2616 250 042	250 mm	30 mm	25.4 mm	3.0 mm	42 PCS	7600 U/min(rpm)	1 PCS
2616 300 048	300 mm	30 mm	25.4 mm	3.0 mm	48 PCS	6300 U/min(rpm)	1 PCS

RECA bandsaw blade in M42 bimetal

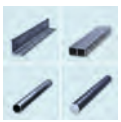
Product description:
Bi-metal band saw blades made from alloyed carrier strip steel
HSS M42 tooth tips with variable toothing for vibration reduction
Continuously welded, with welding seam guarantee
Hardness 68-69 HRC
For all steels up to 45 HRC





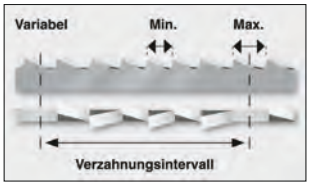
Field of Application:
For solid material, pipes and profiles from construction steels, deep-drawing steels, machining steels, case-hardened steels, spring steels, tempered steels, low-alloy hot work tool steels, unalloyed tool steels, high-speed steels, cast iron, rust-resistant and acid-resistant steels (lightweight), non-ferrous metals

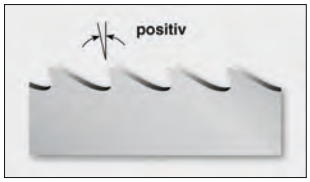
Advice:
Optimum band tension for band saws: 250–300 N/mm² (not enough band tension = band runout/too much band tension = band breakage).

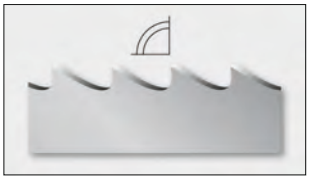


Art. No.	Length of tape	Width of band	Thickness of tape	Teeth spacing	Package size	Packaging unit (VPE)
1608 245 58	2450 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 245 610	2450 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 245 812	2450 mm	27 mm	0.9 mm	8/12	5	5 PCS
1608 248 58	2480 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 248 610	2480 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 248 101	2480 mm	27 mm	0.9 mm	10/14	5	5 PCS
1608 270 58	2700 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 273 58	2730 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 275 58	2750 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 275 610	2750 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 275 101	2750 mm	27 mm	0.9 mm	10/14	5	5 PCS
1608 276 46	2760 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 276 58	2760 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 276 610	2760 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 282 58	2825 mm	27 mm	0.9 mm	5/8	5	5 PCS

Art. No.	Length of tape	Width of band	Thickness of tape	Teeth spacing	Package size	Packaging unit (VPE)
1608 282 610	2825 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 295 58	2950 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 295 610	2950 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 300 46	3000 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 310 58	3100 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 315 46	3150 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 315 58	3150 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 332 58	3320 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 335 58	3350 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 335 101	3350 mm	27 mm	0.9 mm	10/14	5	5 PCS
1608 366 341	3660 mm	27 mm	0.9 mm	3/4	5	5 PCS
1608 366 461	3660 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 366 581	3660 mm	27 mm	0.9 mm	5/8	5	5 PCS
1608 366 611	3660 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 366 811	3660 mm	27 mm	0.9 mm	8/12	5	5 PCS
1608 377 46	3770 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 377 610	3770 mm	27 mm	0.9 mm	6/10	5	5 PCS
1608 380 461	3800 mm	27 mm	0.9 mm	4/6	5	5 PCS
1608 380 581	3800 mm	27 mm	0.9 mm	5/8	5	5 PCS







RECA bandsaw blade in cemented carbide, „S“ toothing

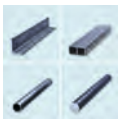
Product description:
Cemented carbide-tipped side set saw band
Hardness approx. 1600 HV
Tooth tips made from specially wear-resistant cemented carbide



Advantages:
- Maximum service life and resistance to wear on abrasive materials such as aerated concrete and graphite.

Field of Application:
For abrasive and mineral materials, graphite, sanded grey cast iron.

Advice:
For Lissmac masonry saws, for example



Art. No.	Length of tape	Width of band	Thickness of tape	Teeth spacing	Packaging unit (VPE)
1608 835 203	3520 mm	27 mm	0.9 mm	3	1 PCS

Machine saw blade in bimetal

Product description:
Teeth made of HSS, side set and hardened
Back made of spring steel, maximum safety in the workplace, reduced risk of breakage



Art. No.	Teeth per unit of length	Length	Height	Cutting edge width	Diameter of hole	Packaging unit (VPE)
0607 350 106	6 PCS/Inch	350.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 400 106	6 PCS/Inch	400.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 450 106	6 PCS/Inch	450.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 300 110	10 PCS/Inch	300.0 mm	25.0 mm	1.25 mm	8.5 mm	10 PCS
0607 350 110	10 PCS/Inch	350.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 400 110	10 PCS/Inch	400.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 450 110	10 PCS/Inch	450.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS
0607 300 114	14 PCS/Inch	300.0 mm	25.0 mm	1.25 mm	8.5 mm	10 PCS
0607 350 114	14 PCS/Inch	350.0 mm	25.0 mm	1.25 mm	8.5 mm	10 PCS
0607 400 114	14 PCS/Inch	400.0 mm	32.0 mm	1.6 mm	8.5 mm	10 PCS

Machine saw blade HSS

Product description:
Machine saw blade made from HSS, fully hardened.



Art. No.	Teeth per unit of length	Length	Height	Cutting edge width	Diameter of hole	Packaging unit (VPE)
0606 425 20	6 PCS/Inch	425.0 mm	30.0 mm	2.0 mm	8.5 mm	10 PCS
0606 450 403	6 PCS/Inch	450.0 mm	40.0 mm	2.0 mm	10.5 mm	10 PCS
0606 500 403	6 PCS/Inch	500.0 mm	40.0 mm	2.0 mm	10.5 mm	10 PCS
0606 450 20	8 PCS/Inch	450.0 mm	30.0 mm	2.0 mm	10.5 mm	10 PCS
0606 400 214	10 PCS/Inch	400.0 mm	25.0 mm	1.5 mm	8.5 mm	10 PCS
0606 400 310	10 PCS/Inch	400.0 mm	30.0 mm	1.5 mm	8.5 mm	10 PCS
0606 400 410	10 PCS/Inch	400.0 mm	30.0 mm	2.0 mm	8.5 mm	10 PCS
0606 400 125	14 PCS/Inch	400.0 mm	25.0 mm	1.25 mm	8.5 mm	10 PCS
0606 400 215	14 PCS/Inch	400.0 mm	25.0 mm	1.5 mm	8.5 mm	10 PCS
0606 400 15	14 PCS/Inch	400.0 mm	30.0 mm	1.5 mm	8.5 mm	10 PCS
0606 400 414	14 PCS/Inch	400.0 mm	30.0 mm	2.0 mm	8.5 mm	10 PCS
0606 400 318	18 PCS/Inch	400.0 mm	30.0 mm	1.5 mm	8.5 mm	10 PCS
0606 400 322	22 PCS/Inch	400.0 mm	30.0 mm	1.5 mm	8.5 mm	10 PCS

diaflex SPEEDi XL for hard materials, PREMIUM 115-400mm

Product description:
Ideal for hard materials such as granite, porphyry, exposed aggregate concrete, hard natural stone and glazed clay or cast iron pipes. Excellent cutting performance also makes it ideal for concrete or reinforced concrete.

Application area:
Can be used in commercially available angle grinders with a diameter of 115, 125 or 230 mm and with large, hand-controlled angle grinders, floor saws or table saws with a diameter of 300 or 400 mm. Dry cutting is possible with any diameter but water cooling improves the cutting performance and extends the service life of the diamond tool.

Material to be processed: Granite, Exposed aggregate concrete, Concrete, Reinforced concrete, Universal use







Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Packaging unit (VPE)
0664 001 115	115 mm	22.2 mm	45 x 1.2 x 6 mm	6 mm	1.0 mm	8	1 PCS
0664 001 125	125 mm	22.2 mm	49 x 1.2 x 6 mm	6 mm	1.0 mm	8	1 PCS
0664 001 230	230 mm	22.2 mm	40 x 2.4 x 14 mm	12 mm	1.8 mm	16	1 PCS
0664 001 300	300 mm	20 mm	40 x 2.6 x 14 mm	12 mm	2.0 mm	22	1 PCS
0664 001 350	350 mm	20 mm	40 x 3.0 x 14 mm	12 mm	2.4 mm	26	1 PCS
0664 001 355	350 mm	25.4 mm	40 x 3.0 x 14 mm	12 mm	2.4 mm	26	1 PCS
0664 001 400	400 mm	20 mm	40 x 3.0 x 14 mm	12 mm	2.4 mm	29	1 PCS
0664 001 405	400 mm	25.4 mm	40 x 3.0 x 14 mm	12 mm	2.4 mm	29	1 PCS

diaflex PREMIUM for hard materials ULTRA H 115-350mm

Product description:
The absolute top product for hard stoneware, fired or glazed clay bricks, as well as granite, marble, ceramic and much more. Closed cutting edge, extremely thin for exceptionally easy cutting.

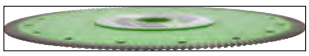
Advantages:
- The diaflex ULTRA H is set apart by its superb cutting ability in even the hardest materials.

Application area:
Can be used for wet cutting on bench saws or for dry cutting on an angle grinder, depending on diameter and hole

Effective diamond section: 10 mm
Material to be processed: Granite, Feinsteinzeug, Marble, Ceramics, Tiling









Art. No.	Type	Diameter	Bore diameter	Reducing-ring internal diameter	Washer thickness	Packaging unit (VPE)
0664 221 115	Dry cutting	115 mm	22.2 mm		1.4 mm	1 PCS
0664 221 125	Dry cutting	125 mm	22.2 mm		1.4 mm	1 PCS
0664 221 230	Dry cutting	230 mm	22.2 mm		2.0 mm	1 PCS
0664 221 189	Wet cutting	180 mm	30 mm	25.4 mm	2.0 mm	1 PCS
0664 221 209	Wet cutting	200 mm	30 mm	25.4 mm	2.0 mm	1 PCS
0664 221 239	Wet cutting	230 mm	30 mm	25.4 mm	2.0 mm	1 PCS
0664 221 259	Wet cutting	250 mm	30 mm	25.4 mm	2.0 mm	1 PCS
0664 221 309	Wet cutting	300 mm	30 mm	25.4 mm	2.4 mm	1 PCS
0664 221 359	Wet cutting	350 mm	30 mm	25.4 mm	2.5 mm	1 PCS

diaflex Special hard materials RS10H 115-500mm



Product description:
115-230 mm: Fast cutting disc for use on many different materials, especially hard granite, marble, ceramic, exposed aggregate concrete, concrete paving and very hard and reinforced concrete. Quick and clean cutting in all types of roof tiles. Closed cutting edge on a perforated main blade, with a 12-mm usable diamond layer.
250-500 mm: Narrow-toothed fast cutting disc for use in a broad range of materials, specially designed for hard granite, marble, ceramic, exposed aggregate concrete, concrete paving, very hard and reinforced concrete. Fast, clean cuts in all materials.

Advantages:
- The perforated main blade on discs measuring 115-230 mm improves the disc's self-cooling performance. Cutting is also significantly quieter and therefore much more comfortable for the user. Cut-out direction arrows in the main blade prevent the disc from being incorrectly fitted to the machine.

Application area:
Special cutting discs in diameters of 115-230 mm for roofing, gardening and landscaping. For use on angle grinders.
Special disc with a diameter of 250–500 mm for all construction sectors, for large angle grinders, bench saws or self-propelled floor saws

Material to be processed: Granite, Concrete, Reinforced concrete, Exposed aggregate concrete, Bricks, Limestone, strong, Marble, Universal use



Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Washer thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 111 115	115 mm	22.2 mm			12 mm		2.2 mm		1	1 PCS
0661 111 125	125 mm	22.2 mm			12 mm		2.2 mm		1	1 PCS
0661 111 150	150 mm	22.2 mm			12 mm		2.4 mm		1	1 PCS
0661 111 180	180 mm	22.2 mm			12 mm		2.4 mm		1	1 PCS
0661 111 230	230 mm	22.2 mm			12 mm		2.8 mm		1	1 PCS
0661 201 259	250 mm	30 mm	25.4 mm	41 x 2.6 x 10 mm	9 mm	2.0 mm		18	1	1 PCS
0661 201 300	300 mm	20 mm		44 x 2.8 x 10 mm	9 mm	2.2 mm		20	1	1 PCS
0661 201 301	300 mm	20 mm		44 x 2.8 x 10 mm	9 mm	2.2 mm		20	6	1 PCS
0661 201 302	300 mm	22.2 mm		44 x 2.8 x 10 mm	9 mm	2.2 mm		20	1	1 PCS
0661 201 309	300 mm	30 mm	25.4 mm	44 x 2.8 x 10 mm	9 mm	2.2 mm		20	1	1 PCS
0661 201 350	350 mm	20 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		24	1	1 PCS
0661 201 351	350 mm	20 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		24	6	1 PCS
0661 201 356	350 mm	25.4 mm		43 x 2.6 x 10 mm	9 mm	2.6 mm		24	6	1 PCS
0661 201 355	350 mm	25.4 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		24	1	1 PCS
0661 201 359	350 mm	30 mm	25.4 mm	43 x 3.2 x 10 mm	9 mm	2.6 mm		24	1	1 PCS
0661 201 400	400 mm	20 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		28	1	1 PCS
0661 201 405	400 mm	25.4 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		28	1	1 PCS
0661 201 409	400 mm	30 mm	25.4 mm	43 x 3.2 x 10 mm	9 mm	2.6 mm		28	1	1 PCS
0661 201 455	450 mm	25.4 mm		43 x 3.2 x 10 mm	9 mm	2.6 mm		32	1	1 PCS
0661 201 505	500 mm	25.4 mm		43 x 3.8 x 10 mm	9 mm	3.2 mm		36	1	1 PCS

diaflex Basic hard materials RS10UH 115-230mm

Product description:
Solid Turbo model — designed for a fast and clean cut in hard materials such as tiles, natural and artificial stone, exposed aggregate concrete, hardened and reinforced concrete, hard sand-lime etc. Closed, toothed cutting edge with 10 mm usable diamond layer.

Advantages:
- Universal use on all hard materials

Application area:
115–230-mm diameter for dry cutting on angle grinders and wall chasers.

Bore diameter: 22.2 mm

Effective diamond section: 10 mm

Material to be processed: Bricks, Masonry, Limestone, strong, Natural stone, Granite, Concrete





Art. No.	Diameter	Washer thickness	Equipping	Packaging unit (VPE)
0661 011 116	115 mm	2.0 mm	6	1 PCS
0661 011 126	125 mm	2.0 mm	6	1 PCS
0661 011 142	140 mm	2.0 mm	2	1 PCS
0661 011 156	150 mm	2.0 mm	6	1 PCS
0661 011 236	230 mm	2.5 mm	6	1 PCS

diaflex special granite for dry cutting 350-400mm

Product description:
For use on extremely hard materials such as granite, porphyry and hard clinker, as well as concrete or reinforced concrete. Laser-welded, fine-toothed segmentation with 12 mm (10+2) segment height.

Advantages:
- The 12-mm (10+2) high, fine-toothed segments ensure a fast and smooth cut even in the hardest materials

Application area:
Special — dry cutting disc for use on hand-controlled large angle grinders or floor saws

Effective diamond section: 10 mm
Material to be processed: Granite, Exposed aggregate concrete, Concrete, Reinforced concrete





Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Packaging unit (VPE)
0661 301 350	350 mm	20 mm	20 x 3.2 x 12 mm	2.6 mm	40	1 PCS
0661 301 355	350 mm	25.4 mm	20 x 3.2 x 12 mm	2.6 mm	40	1 PCS
0661 301 400	400 mm	20 mm	20 x 3.5 x 12 mm	2.8 mm	48	1 PCS

diaflex ULTRA TT universal, PREMIUM

Product description:
Premium quality for optimal cutting ability and maximum service life. The titanium-coated diamonds ensure the fastest cuts in extremely hard stone materials, and also in iron. Laser-welded with segment height of 12 (10+2) mm, with segment height of 15 (13+2) mm for sizes of 230 mm and larger. Can be used for all common stone materials, especially hard, reinforced concrete, exposed aggregate concrete, natural stone, paving, granite, porphyry and many other materials.



Advantages:
Titanium-coated diamonds ensure optimal cutting ability and maximum service life.
Unparalleled premium product.
Large diamond grain ensures abraded material is cleared away in the most effective way.

Application area:
For all common machines depending on diameter:
115–230 mm for dry cutting on angle grinders and wall chasers
300–400 mm with 20, 22.2 and 25.4 mm holes for dry or wet cutting with floor saws and table saws
300–400 mm with 30-mm hole and reducing ring to 25.4 mm, featuring a silent-core main blade, therefore used exclusively for wet cutting on bench saws

Material to be processed: Concrete, Reinforced concrete, Granite, Limestone, strong, Exposed aggregate concrete, Medley, Cast metal, Cast iron, Universal use



Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0664 007 115	115 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	8	1	1 PCS
0664 007 116	115 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	8	6	1 PCS
0664 007 125	125 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	9	1	1 PCS
0664 007 126	125 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	9	6	1 PCS
0664 007 150	150 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	11	1	1 PCS
0664 007 154	150 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	11	4	1 PCS
0664 007 180	180 mm	22.2 mm		35 x 2.4 x 12 mm	10 mm	1.8 mm	13	1	1 PCS
0664 007 230	230 mm	22.2 mm		40 x 2.6 x 15 mm	13 mm	2.0 mm	15	1	1 PCS
0664 007 234	230 mm	22.2 mm		40 x 2.6 x 15 mm	13 mm	2.0 mm	15	4	1 PCS
0664 007 300	300 mm	20 mm		40 x 2.8 x 15 mm	13 mm	2.2 mm	18	1	1 PCS

Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0664 007 302	300 mm	22.2 mm		40 x 2.8 x 15 mm	13 mm	2.2 mm	18	1	1 PCS
0664 007 305	300 mm	25.4 mm		40 x 2.8 x 15 mm	13 mm	2.2 mm	18	1	1 PCS
0664 007 309	300 mm	30 mm	25.4 mm	40 x 2.8 x 15 mm	13 mm	2.2 mm	18	1	1 PCS
0664 007 350	350 mm	20 mm		40 x 2.8 x 15 mm	13 mm	2.2 mm	21	1	1 PCS
0664 007 355	350 mm	25.4 mm		40 x 2.8 x 15 mm	13 mm	2.2 mm	21	1	1 PCS
0664 007 359	350 mm	30 mm	25.4 mm	40 x 2.8 x 15 mm	13 mm	2.2 mm	21	1	1 PCS
0664 007 400	400 mm	20 mm		40 x 3.2 x 15 mm	13 mm	2.6 mm	21	1	1 PCS
0664 007 409	400 mm	30 mm	25.4 mm	40 x 3.2 x 15 mm	13 mm	2.6 mm	21	1	1 PCS





diaflex concrete SPECIAL RS10B 115-600mm

Product description:
Laser-welded concrete discs for universal use on all construction sites. For concrete and general construction site materials, tiles, poroton, pantiles etc.

Advantages:
Quickest combination of diamonds and segments, extremely robust.
Direction arrows in the main blade prevent the disc from being incorrectly fitted to the machine.

Application area:
Can be used on all common machine types, depending on diameter:
115-230 mm for dry cutting on angle grinders and wall chasers. 250-600 mm either for dry cutting on large angle grinders or for dry and wet cutting on table saws or floor saws



Effective diamond section: 9 mm
Material to be processed: Concrete, Reinforced concrete, Concrete piping, Masonry, Bricks, Medley





Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 112 115	115 mm	22.2 mm		20 x 2.2 x 10 mm	1.6 mm	12	1	1 PCS
0661 112 125	125 mm	22.2 mm		20 x 2.2 x 10 mm	1.6 mm	14	1	1 PCS
0661 112 150	150 mm	22.2 mm		20 x 2.4 x 10 mm	1.8 mm	16	1	1 PCS
0661 112 180	180 mm	22.2 mm		20 x 2.4 x 10 mm	1.8 mm	20	1	1 PCS
0661 112 230	230 mm	22.2 mm		24 x 2.4 x 10 mm	1.8 mm	22	1	1 PCS
0661 202 300	300 mm	20 mm		40 x 2.8 x 10 mm	2.2 mm	20	1	1 PCS
0661 202 301	300 mm	20 mm		40 x 2.8 x 10 mm	2.2 mm	20	6	1 PCS
0661 202 302	300 mm	22.2 mm		40 x 2.8 x 10 mm	2.2 mm	20	1	1 PCS
0661 202 305	300 mm	25.4 mm		40 x 2.8 x 10 mm	2.2 mm	20	1	1 PCS
0661 202 309	300 mm	30 mm	25.4 mm	40 x 2.8 x 10 mm	2.2 mm	20	1	1 PCS
0661 202 350	350 mm	20 mm		40 x 2.8 x 10 mm	2.2 mm	24	1	1 PCS
0661 202 351	350 mm	20 mm		40 x 2.8 x 10 mm	2.2 mm	24	6	1 PCS

Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 202 355	350 mm	25.4 mm		40 x 2.8 x 10 mm	2.2 mm	24	1	1 PCS
0661 202 356	350 mm	25.4 mm		40 x 2.8 x 10 mm	2.2 mm	24	6	1 PCS
0661 202 359	350 mm	30 mm	25.4 mm	40 x 2.8 x 10 mm	2.2 mm	24	1	1 PCS
0661 202 389	380 mm	30 mm		40 x 3.2 x 10 mm	2.6 mm	26	1	1 PCS
0661 202 400	400 mm	20 mm		40 x 3.2 x 10 mm	2.6 mm	28	1	1 PCS
0661 202 405	400 mm	25.4 mm		40 x 3.2 x 10 mm	2.6 mm	28	1	1 PCS
0661 202 409	400 mm	30 mm	25.4 mm	40 x 3.2 x 10 mm	2.6 mm	28	1	1 PCS
0661 202 455	450 mm	25.4 mm		40 x 3.8 x 10 mm	3.2 mm	32	1	1 PCS
0661 202 505	500 mm	25.4 mm		40 x 3.8 x 10 mm	3.2 mm	35	1	1 PCS
0661 202 605	600 mm	25.4 mm		40 x 4.4 x 10 mm	3.8 mm	42	1	1 PCS

diaflex RS10UB for concrete and general building materials, BASIC

Product description:
Ideal for concrete (incl. reinforced) and general building materials, tiles and pantiles. Segmented cutting edge with continuous laser-welded segments, 10-mm (8.5+1.5) cutting edge.

Advantages:
Available in specific dimensions for certain types of machines:
135 mm with 30-mm hole and 4 auxiliary holes for FUBAG wall chasers
140 mm for FLEX wall chasers

Application area:
Can be used on all commercially available angle grinders





diaflex concrete universal BASIC RS10UB/Bau-Profi 115-450mm

Product description:
High-performance, easy-cutting diamond disc for universal use on concrete, reinforced concrete, paving stones, exposed aggregate concrete, clinker, brick etc.

Application area:
Can be used for dry cutting on angle grinders, wall chasers, large angle grinders, floor saws or bench saws, depending on diameter

Advice:
Available in specific dimensions for special machines:
135 mm with 30-mm hole and 4 auxiliary holes for FUBAG wall chasers
140 mm for FLEX wall chasers

Material to be processed: Concrete, Reinforced concrete, Masonry, Bricks, Universal use





6

Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 012 115	115 mm	22.2 mm		31 x 2.0 x 10 mm	8.5 mm	1.4 mm	9	1	1 PCS
0661 012 116	115 mm	22.2 mm		31 x 2.0 x 10 mm	8.5 mm	1.4 mm	9	12	1 PCS
0661 012 125	125 mm	22.2 mm		31 x 2.2 x 10 mm	8.5 mm	1.6 mm	10	1	1 PCS
0661 012 126	125 mm	22.2 mm		31 x 2.2 x 10 mm	8.5 mm	1.6 mm	10	12	1 PCS
0661 012 140	140 mm	22.2 mm		32 x 2.2 x 10 mm	8.5 mm	1.8 mm	11	1	1 PCS
0661 012 150	150 mm	22.2 mm		32 x 2.4 x 10 mm	8.5 mm	1.8 mm	12	1	1 PCS
0661 012 156	150 mm	22.2 mm		32 x 2.4 x 10 mm	8.5 mm	1.8 mm	12	6	1 PCS
0661 012 180	180 mm	22.2 mm		33 x 2.4 x 10 mm	8.5 mm	1.8 mm	14	1	1 PCS
0661 012 230	230 mm	22.2 mm		38 x 2.4 x 10 mm	8.5 mm	1.8 mm	16	1	1 PCS
0661 012 236	230 mm	22.2 mm		38 x 2.4 x 10 mm	8.5 mm	1.8 mm	16	10	1 PCS
0661 021 300	300 mm	20 mm		37 x 3.2 x 12 mm	12 mm	2.6 mm	22	1	1 PCS
0661 021 301	300 mm	20 mm		37 x 3.2 x 12 mm	12 mm	2.6 mm	22	6	1 PCS
0661 021 309	300 mm	30 mm	25.4 mm	37 x 3.2 x 12 mm	12 mm	2.6 mm	22	1	1 PCS
0661 021 310	300 mm	30 mm	25.4 mm	37 x 3.2 x 12 mm	12 mm	2.6 mm	22	6	1 PCS
0661 021 350	350 mm	20 mm		40 x 3.4 x 12 mm	12 mm	2.8 mm	24	1	1 PCS
0661 021 351	350 mm	20 mm		40 x 3.4 x 12 mm	12 mm	2.8 mm	24	6	1 PCS

Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 021 355	350 mm	25.4 mm		40 x 3.4 x 12 mm	12 mm	2.8 mm	24	1	1 PCS
0661 021 356	350 mm	25.4 mm		40 x 3.4 x 12 mm	12 mm	2.8 mm	24	6	1 PCS
0661 021 359	350 mm	30 mm	25.4 mm	40 x 3.4 x 12 mm	12 mm	2.8 mm	40	1	1 PCS
0661 021 360	350 mm	30 mm	25.4 mm	40 x 3.4 x 12 mm	12 mm	2.8 mm	40	6	1 PCS
0661 021 400	400 mm	20 mm		38 x 3.2 x 12 mm	10 mm	2.4 mm	27	1	1 PCS
0661 021 405	400 mm	25.4 mm		38 x 3.2 x 12 mm	10 mm	2.4 mm	27	1	1 PCS
0661 021 455	450 mm	25.4 mm		40 x 3.6 x 12 mm	10 mm	2.6 mm	30	1	1 PCS

diaflex asphalt and concrete SPECIAL RS10M 300-500mm

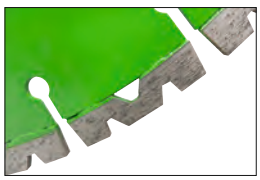
Product description:
The M-segments have been specially developed for this application and clearly show the multiple benefits of this diamond cutting disc. Cuts quickly through concrete and is durable when cutting through asphalt. Extremely good cutting performance and service life, even in fresh concrete and abrasive sand-lime!



Advantages:
- This is THE combined disc for alternating use in concrete and asphalt. You no longer need to change discs! The RS10M shows its strengths in both applications. A true all-round product with various usage options in terms of both materials and machines!

Application area:
Can be used for dry or wet cutting as desired on large angle grinders, floor saws or table-top machines.

Advice:
Each disc diameter has 4 deeper-cut protection segments to reduce segment loss when cutting asphalt.



Effective diamond section: 10 mm

Material to be processed: Concrete, Asphalt, Chalky sandstone, Bitumen, Fresh concrete, Medley, Reinforced concrete



Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Packaging unit (VPE)
0661 222 300	300 mm	20 mm	45 x 3.2 x 12 mm	2.6 mm	18	1 PCS
0661 222 305	300 mm	25.4 mm	45 x 3.2 x 12 mm	2.6 mm	18	1 PCS
0661 222 350	350 mm	20 mm	45 x 3.2 x 12 mm	2.6 mm	21	1 PCS
0661 222 355	350 mm	25.4 mm	45 x 3.2 x 12 mm	2.6 mm	21	1 PCS
0661 222 400	400 mm	20 mm	45 x 3.4 x 12 mm	2.8 mm	24	1 PCS

Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Packaging unit (VPE)
0661 222 405	400 mm	25.4 mm	45 x 3.4 x 12 mm	2.8 mm	24	1 PCS
0661 222 455	450 mm	25.4 mm	45 x 3.6 x 12 mm	3.0 mm	27	1 PCS
0661 222 505	500 mm	25.4 mm	45 x 3.6 x 12 mm	3.0 mm	30	1 PCS

diaflex asphalt PREMIUM ultra A 300-600mm

The disc with a guarantee!

Product description:
Top-of-the-range, pure asphalt disc. Unbeatable cutting speed with maximum service life. Extremely good cutting performance, even when cutting fresh concrete. Segmented cutting edge with continuous laser-welded segments, segment height of 15 mm (13+2), also equipped with wedge-shaped protective segments.

Advantages:
The asymmetric protective segments alternate between heights of 17 and 20 mm, providing guaranteed protection of the main blade against undercut. The only asphalt disc with a GUARANTEE against loss of segments!

Application area:
Can be used for dry or wet cutting as desired on large angle grinders or floor saws.



Effective diamond section: 13 mm
Material to be processed: Asphalt, Bitumen, Fresh concrete



Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Number of v-notch protecting segments	Packaging unit (VPE)
0664 207 300	300 mm	20 mm	48 x 2.8 x 15 mm	2.2 mm	18	6 PCS	1 PCS
0664 207 350	350 mm	20 mm	48 x 2.8 x 15 mm	2.2 mm	21	7 PCS	1 PCS
0664 207 355	350 mm	25.4 mm	48 x 2.8 x 15 mm	2.2 mm	21	7 PCS	1 PCS
0664 207 400	400 mm	20 mm	48 x 3.6 x 15 mm	3.0 mm	24	8 PCS	1 PCS
0664 207 405	400 mm	25.4 mm	48 x 3.6 x 15 mm	3.0 mm	24	8 PCS	1 PCS
0664 207 455	450 mm	25.4 mm	40 x 3.8 x 15 mm	3.2 mm	27	9 PCS	1 PCS
0664 207 505	500 mm	25.4 mm	40 x 3.8 x 15 mm	3.2 mm	36	10 PCS	1 PCS
0664 207 605	600 mm	25.4 mm	48 x 4.5 x 15 mm	3.8 mm	36	12 PCS	1 PCS

diaflex asphalt SPECIAL RS10A 300-600mm

Product description:
The special disc for cutting asphalt can be used for dry or wet cutting as desired. Extremely good cutting performance, even when cutting fresh concrete. Segmented cutting edge with continuous laser-welded segments, segment height of 10 mm (9+1), also equipped with wedge-shaped protective segments.



Advantages:
Equipped with special wedge-shaped protective segments to provide outstanding protection against undercut.
Direction arrows prevent the disc from being fitted to the machine incorrectly.
The „A" marking indicates the application.

Application area:
Can be used for dry or wet cutting as desired on large angle grinders or floor saws.

Effective diamond section: 9 mm
Material to be processed: Asphalt, Bitumen, Fresh concrete



Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Number of v-notch protecting segments	Equipping	Packaging unit (VPE)
0661 203 300	300 mm	20 mm	40 x 2.8 x 10 mm	2.2 mm	18	3 PCS	1	1 PCS
0661 203 301	300 mm	20 mm	40 x 2.8 x 10 mm	2.2 mm	18	3 PCS	6	1 PCS
0661 203 350	350 mm	20 mm	40 x 2.8 x 10 mm	2.2 mm	21	3 PCS	1	1 PCS
0661 203 351	350 mm	20 mm	40 x 2.8 x 10 mm	2.2 mm	21	3 PCS	6	1 PCS
0661 203 355	350 mm	25.4 mm	40 x 2.8 x 10 mm	2.2 mm	21	3 PCS	1	1 PCS
0661 203 356	350 mm	25.4 mm	40 x 2.8 x 10 mm	2.2 mm	21	3 PCS	6	1 PCS
0661 203 400	400 mm	20 mm	40 x 3.2 x 10 mm	2.6 mm	24	4 PCS	1	1 PCS
0661 203 405	400 mm	25.4 mm	40 x 3.2 x 10 mm	2.6 mm	24	4 PCS	1	1 PCS
0661 203 455	450 mm	25.4 mm	40 x 3.6 x 10 mm	3.0 mm	28	4 PCS	1	1 PCS
0661 203 505	500 mm	25.4 mm	40 x 4.2 x 10 mm	3.6 mm	30	5 PCS	1	1 PCS
0661 203 605	600 mm	25.4 mm	40 x 4.2 x 10 mm	3.6 mm	36	6 PCS	1	1 PCS

diaflex RS10AB electrician's disc 115-230mm

The electrician's disc — the specialist tool for electricians!

Product description:
The special disc for electrical installation work. Suitable for all materials used in internal fittings and electrical installation. Specially designed for masonry and abrasive sand-lime brick, poroton, screed and other abrasive materials, but also delivers a strong cutting performance in concrete and fresh concrete!

Application area:
115–150 mm diameter versions specially developed to be used in pairs with wall chasers, 180 and 230 mm versions for use with angle grinders.

Advice:
Segmented cutting edge with continuous laser-welded segments, segment height of 12 mm (10+2). Each disc has 3 deeper-set protective segments (4 in the case of 230-mm disc) that prevent undercutting in abrasive material.



Bore diameter: 22.2 mm
Effective diamond section: 10 mm
Material to be processed: Masonry, Screed, abrasive, Limestone, abrasive, Chalky sandstone, soft, Fresh concrete, Medley







Art. No.	Diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Equipping	Packaging unit (VPE)
0661 122 112	115 mm	28 x 2.1 x 12 mm	1.5 mm	9	2	1 PCS
0661 122 116	115 mm	28 x 2.1 x 12 mm	1.5 mm	9	12	1 PCS
0661 122 122	125 mm	29 x 2.2 x 12 mm	1.6 mm	10	2	1 PCS
0661 122 126	125 mm	29 x 2.2 x 12 mm	1.6 mm	10	12	1 PCS
0661 122 142	140 mm	28 x 2.4 x 12 mm	1.8 mm	12	2	1 PCS
0661 122 152	150 mm	30 x 2.4 x 12 mm	1.8 mm	12	2	1 PCS
0661 122 156	150 mm	30 x 2.4 x 12 mm	1.8 mm	12	12	1 PCS
0661 122 180	180 mm	30 x 2.4 x 12 mm	1.8 mm	15	1	1 PCS
0661 122 230	230 mm	38 x 2.4 x 12 mm	1.8 mm	16	1	1 PCS

diaflex bench saw for wet masonry/sand-lime brick 625-900mm

Product description:
RS10UB for general construction site materials (not concrete), tiles, masonry etc.
RS10A for soft sand-lime brick.
RS10A Profi-KS, extremely robust design with short tooth segments for cutting highly-abrasive sand-lime brick.

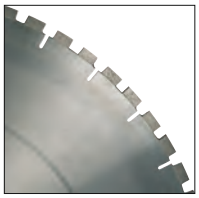
Advantages:
- The high number of segments ensures an excellent service life.

Application area:
Pure wet cutting discs for use on table and construction site saws.

Effective diamond section: 10 mm







Art. No.	Type	Diameter	Bore diameter	Reducing-ring internal diameter	Segment length x segment thickness x segment height	Number of segments	Material to be processed	Packaging unit (VPE)
0664 513 650	RS10A	650 mm	50 mm	30 mm	40 x 4.7 x 10 mm	45	Chalky sandstone, Chalky sandstone, soft	1 PCS
0664 513 900	RS10A	900 mm	60 mm	55 mm	40 x 4.8 x 10 mm	52	Limestone, abrasive, Chalky sandstone	1 PCS
0664 523 900	RS10A Profi-KS	900 mm	60 mm	55 mm	20 x 4.8 x 10 mm	92	Limestone, strong, Chalky sandstone	1 PCS
0664 512 625	RS10UB	625 mm	60 mm	55 mm	40 x 4.7 x 10 mm	36	Masonry, Bricks	1 PCS
0664 512 900	RS10UB	900 mm	60 mm	55 mm	40 x 4.8 x 10 mm	52	Masonry, Bricks, Chalky sandstone, soft	1 PCS

diaflex Special tiles RS10F 115-350mm

Product description:
The special disc for tilers, with closed and smooth cutting edge. Can be used for tiles, thin granite, marble slabs, glass and ceramic; also ideal for stove tiles

Advantages:
- High diamond concentration and a smooth cutting edge ensure clean cuts.

Application area:
115 and 125-mm versions to be used for dry cutting on angle grinders; versions from 180 to 350 mm for wet cutting with table-top or tile cutting machines

Advice:
The tile discs of 180 - 350 mm diameter have a 30 mm hole; each is supplied with a reducing ring to 25.4 mm.



Material to be processed: Tiling

Art. No.	Diameter	Bore diameter	Reducing-ring internal diameter	Effective diamond section	Washer thickness	Equipping	Packaging unit (VPE)
0661 110 076	76 mm	10 mm		6 mm	1.2 mm		1 PCS
0661 110 115	115 mm	22.2 mm		8 mm	1.3 mm	1	1 PCS
0661 110 116	115 mm	22.2 mm		8 mm	1.3 mm	12	1 PCS
0661 110 125	125 mm	22.2 mm		8 mm	1.5 mm	1	1 PCS
0661 110 126	125 mm	22.2 mm		8 mm	1.5 mm	12	1 PCS
0661 110 180	180 mm	30 mm	25.4 mm	8 mm	1.6 mm	1	1 PCS
0661 110 200	200 mm	30 mm	25.4 mm	8 mm	1.6 mm	1	1 PCS
0661 110 230	230 mm	30 mm	25.4 mm	8 mm	1.6 mm	1	1 PCS
0661 110 250	250 mm	30 mm	25.4 mm	8 mm	1.6 mm	1	1 PCS
0661 110 300	300 mm	30 mm	25.4 mm	8 mm	2.0 mm	1	1 PCS
0661 110 350	350 mm	30 mm	25.4 mm	8 mm	2.0 mm	1	1 PCS

diaflex tiles/stoneware special 115-125mm

Product description:
For use on the hardest materials such as extremely hard granite, stoneware or very hard tiles. Closed cutting edge with 7 mm usable diamond layer.

Advantages:
- Makes very fast and clean cuts in tiles and extremely hard materials thanks to the thin design of the disc.

Application area:
For dry cutting on all commercially available angle grinders.



Bore diameter: 22.2 mm
Effective diamond section: 7 mm
Material to be processed: Granite, Feinsteinzeug, Ceramics, Tiling



Art. No.	Diameter	Washer thickness	Packaging unit (VPE)
0661 100 115	115 mm	1.3 mm	1 PCS

Art. No.	Diameter	Washer thickness	Packaging unit (VPE)
0661 100 125	125 mm	1.5 mm	1 PCS

diaflex diaFE for iron PREMIUM 115-400mm

Product description:
Sensational cutting performance for a diamond cutting disc that can be permanently used in iron or steel. The diaFE is the problem solver in materials such as iron, welded wire mesh, cast-iron pipes and extremely hard stone materials.

Advantages:
Optimised, extremely high concentration of diamonds ensures long-lasting cutting performance.
The special cobalt bond dissipates heat in the most effective way.
FE marking and direction arrows on the main blade prevent incorrect use.

Application area:
For use on all angle grinders.



Effective diamond section: 5 mm

Material to be processed: Iron, Reinforced concrete, Concrete, Granite, Cast iron



Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Main-blade thickness	Number of segments	Packaging unit (VPE)
0664 009 115	115 mm	22.2 mm	35 x 2.4 x 7 mm	1.8 mm	10	1 PCS
0664 009 125	125 mm	22.2 mm	35 x 2.4 x 7 mm	1.8 mm	11	1 PCS
0664 009 230	230 mm	22.2 mm	40 x 2.4 x 7 mm	1.8 mm	16	1 PCS
0664 009 300	300 mm	20 mm	40 x 2.4 x 7 mm	1.8 mm	20	1 PCS
0664 009 350	350 mm	20 mm	40 x 2.8 x 7 mm	2.2 mm	24	1 PCS
0664 009 355	350 mm	25.4 mm	40 x 2.8 x 7 mm	2.2 mm	24	1 PCS
0664 009 400	400 mm	20 mm	40 x 2.8 x 7 mm	2.2 mm	28	1 PCS
0664 009 405	400 mm	25.4 mm	40 x 2.8 x 7 mm	2.2 mm	28	1 PCS









6

diaflex PLA plastic SPECIAL 76-350mm

Product description:
Electroplated, segmented diamond cutting disc.

Application area:
Can be used on commercially available angle grinders or large angle grinders, depending on diameter.

Field of Application:
For universal use on plastics, GFRP and various other materials. Excellent performance, even on tiles, stoneware and cast iron! It is possible to cut abrasive stone materials and concrete, however this will significantly reduce the service life of the disc.



Effective diamond section: 1 mm

Material to be processed: GRP, Hard plastic, Gypsum plasterboard, Tiling, Feinsteinzeug, Granite





Art. No.	Diameter	Bore diameter	Washer thickness	Packaging unit (VPE)
0662 200 076	76 mm	10 mm	1.5 mm	1 PCS
0662 190 115	115 mm	22.2 mm	2.5 mm	1 PCS
0662 190 125	125 mm	22.2 mm	2.5 mm	1 PCS
0662 190 230	230 mm	22.2 mm	3.0 mm	1 PCS
0662 190 300	300 mm	20 mm	3.5 mm	1 PCS
0662 190 350	350 mm	20 mm	3.5 mm	1 PCS
0662 190 355	350 mm	25.4 mm	3.5 mm	1 PCS

diaflex cutting and milling disc KST for plastic pipes 115-125mm

Cutting and chamfering in one step!

Product description:
Electroplated, segmented diamond cutting edge, for cutting and chamfering in a single step: using the plastic milling cutter, plastic pipes in underground line and pipeline construction are cut and simultaneously chamfered using the milling section fitted to the side.

Field of Application:
Can be used on all angle grinders for simultaneous cutting and chamfering of thin-walled and thick-walled plastic pipes

Bore diameter: 22.2
Effective diamond section: 1 mm
Material to be processed: Plastic









Art. No.	Diameter	Packaging unit (VPE)
0662 190 915	115 mm	1 PCS
0662 190 925	125 mm	1 PCS

diaflex diamond mortar raking blade RS10AB 115-125 mm

Product description:
Segmented cutting edge with continuous laser-welded segments.

Advantages:
- The thick disc mills out slits in a single work step, meaning no reworking is necessary.

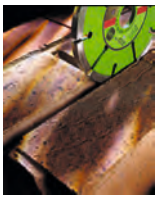
Application area:
Can be used on all commercially available angle grinders.

Field of Application:
Thick discs for milling out joints in clinkered facades and for cutting slits for telephone lines and other thin cables during electrical installation. Can be used in masonry and concrete.

Bore diameter: 22.2 mm
Segment height: 7 mm
Effective diamond section: 6 mm
Material to be processed: Masonry, Bricks, Plaster



Art. No.	Diameter	Thickness	Packaging unit (VPE)
0662 711 545	115 mm	4.5 mm	1 PCS
0662 711 565	115 mm	6.0 mm	1 PCS
0662 711 580	115 mm	8.0 mm	1 PCS
0662 711 599	115 mm	10.0 mm	1 PCS
0662 712 545	125 mm	4.5 mm	1 PCS
0662 712 565	125 mm	6.0 mm	1 PCS
0662 712 580	125 mm	8.0 mm	1 PCS
0662 712 599	125 mm	10.0 mm	1 PCS



diaflex with flange 115-230mm

Product description:
The diaflex with flange is screwed directly onto the spindle of the angle grinder, without an additional locking nut.

Advantages:
- The approx. 2-cm-high flange allows you to make a flush cut using these discs.

Application area:
Can be used on all commercially available angle grinders with an M14 motor spindle.

Bore diameter: 0
Tool holding device: M14
Material to be processed: Concrete, Reinforced concrete, Universal use



Art. No.	Type description	Diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Packaging unit (VPE)
0662 022 115	RS10UB	115 mm	31 x 2.0 x 10 mm	8.5 mm	1.6 mm	9	1 PCS
0662 022 125	RS10UB	125 mm	31 x 2.2 x 10 mm	8.5 mm	1.6 mm	10	1 PCS
0662 022 230	RS10UB	230 mm	38 x 2.4 x 10 mm	8.5 mm	1.8 mm	16	1 PCS
0662 017 115	ultra TT	115 mm	35 x 2.4 x 12 mm	10 mm	1.8 mm	8	1 PCS
0662 017 125	ultra TT	125 mm	35 x 2.4 x 12 mm	10 mm	1.8 mm	9	1 PCS
0662 017 230	ultra TT	230 mm	40 x 2.6 x 12 mm	13 mm	2.0 mm	15	1 PCS

diaflex for window removal 150-180mm

Special discs for BEPO, Lamello or FINE special machines

Product description:
Suitable for all common materials used in building construction, i.e. tiles, concrete, plasterboards etc.

Advantages:
- The special mounting on these discs enables a flush cut to be made. This disc, in conjunction with the design of the relevant special machine, enables window frames to be removed almost dust-free.



Art. No.	Type	Diameter	Bore diameter	Segment height	Effective diamond section	Washer thickness	Packaging unit (VPE)
0662 191 155	Closed cutting edge	150 mm	25.8 mm	10 mm	10 mm	2.0 mm	1 PCS
0662 191 182	Closed cutting edge	180 mm	22.2 mm	10 mm	10 mm	2.2 mm	1 PCS
0662 192 155	Segmented cutting edge	150 mm	25.8 mm	7 mm	6 mm	2.4 mm	1 PCS









diaflex DUO RS10B 125mm

Disc changes no longer required - cutting and grinding with one tool!

Product description:
The disc is screwed directly onto the machine spindle of the angle grinder. For use on all common stone materials such as natural and artificial stone, granite, concrete etc. Diamond disc with sintered diamond layer with different heights on the front and reverse sides. 7.5-mm-high diamond layer for cutting, 25-mm-high layer on the reverse for grinding

Field of Application:
Can be used on all angle grinders with a diameter of 125 mm



Diameter: 125 mm
Bore diameter: 14 mm
Effective diamond section: 7.5 mm
Washer thickness: 2.5 mm
Tool holding device: M14
Material to be processed: Concrete, Granite, Universal use



Art. No.	Packaging unit (VPE)
0662 422 125	1 PCS

diaflex RONDO curved disc RS10B 125-180mm

Curved cuts with diamond cutting discs!

Product description:
Curved diamond cutting disc for cutting curves. The shaping of the disc can be used to cut curves. The radius can be altered by tilting the disc to a different inclination. Ideal for cutting concrete or granite slabs or for reworking concrete components. The sintered diamond layer is 7 mm high and can be used in full.

Field of Application:
Can be used on all common stone materials such as natural and artificial stone, granite, concrete etc.

Advice:
Possible cutting depths are approx. 3 cm (for 125-mm diameter) and approx. 5 cm (for 180-mm diameter)



Bore diameter: 22.2 mm
Effective diamond section: 7 mm
Material to be processed: Concrete, Granite, Exposed aggregate concrete, Natural stone





Art. No.	Diameter	Packaging unit (VPE)
0662 412 125	125 mm	1 PCS
0662 412 180	180 mm	1 PCS

diaflex SILENTIO RS10B 230-350mm

The low-noise disc - much less noise!

Product description:
Laser-welded diamond cutting discs with silent core; height of diamond layer 10 mm (8+2) for use with hand-controlled machines such as angle grinders (230 mm) or large angle grinders (300 and 350 mm).

Advantages:
- The „SILENTIO" discs cut significantly quieter in comparison to other diamond cutting discs. The noise level is reduced by up to 15 dB and is noticeably lower.

Field of Application:
Can be used on all common stone materials such as concrete (inc. reinforced), granite, clinker etc.

Material to be processed: Concrete, Reinforced concrete, Granite, Natural stone





Art. No.	Diameter	Bore diameter	Segment length x segment thickness x segment height	Effective diamond section	Main-blade thickness	Number of segments	Packaging unit (VPE)
0662 402 230	230 mm	22.2 mm	38 x 2.4 x 10 mm	8.5 mm	1.8 mm	16	1 PCS
0662 402 300	300 mm	20.0 mm	44 x 2.8 x 10 mm	9 mm	2.2 mm	20	1 PCS
0662 402 350	350 mm	20.0 mm	43 x 3.2 x 10 mm	9 mm	2.6 mm	24	1 PCS
0662 402 355	350 mm	25.4 mm	43 x 3.2 x 10 mm	9 mm	2.6 mm	24	1 PCS

RECA diadrill ceramic M 14 set, 6-piece

Product description:
6-piece set, diadrill ceramic with dimensions 5, 6, 8, 10, 12 and 14 mm

Field of Application:
For clean and effective drilling of dowel holes in hard tiles and stoneware

Advice:
For use on all commercially available angle grinders

Material to be processed: Tiling, Feinsteinzeug, Granite





Art. No.	Packaging unit (VPE)
0663 700 6	1 PCS

RECA diadrill ceramic hexagon set, 6-piece

Product description:
6-piece set, diadrill ceramic with dimensions 5, 6, 8, 10, 12 and 14 mm

Field of Application:
For clean and effective drilling of dowel holes in hard tiles and stoneware

Advice:
For use on all commercially available cordless drills and conventional drills. NO impact, ever!

Usable length: 15 mm
Suitable for machine chuck: Shank 6 mm
Material to be processed: Tiling, Feinsteinzeug, Granite





Art. No.	Packaging unit (VPE)
0663 706 6	1 PCS

RECA diadrill ceramic M 14 set, installation set, 7-piece

Product description:
One set with key dimensions for installation:
6, 8 and 14 mm: key dowel diameters
25 and 40 mm: for heating and water pipes, as well as stop ends
50 mm: for waste-water pipes (e.g. 50 mm HT)
68 mm: for plug sockets
External dimensions 160 x 270 x 82 mm

Application area:
For clean and effective drilling in hard tiles and stoneware

Field of Application:
For use on all commercially available angle grinders, dry, no water-cooling required!

Material to be processed: Tiling, Feinsteinzeug, Granite







Art. No.	Packaging unit (VPE)
0663 700 7	1 PCS

diadrill ceramic diamond drill bit

Angle grinding at high speeds for hard tiles!

Product description:
A complete assortment of diamond drill bits for machining hard tiles, granite panels or porcelain stoneware with or without water cooling. Each item can be re-ordered individually.

Application area:
To be used in single-hand angle grinders at full rotation speed.

Field of Application:
For clean holes in hard tiles, stoneware, thin granite and ceramic. Excellent results in hard materials. The high circumferential speed achieved by using with an angle grinder enables drilling without water cooling.



Usable length: 70 mm
Suitable for machine chuck: M14
Material to be processed: Tiling, Feinsteinzeug, Granite



Art. No.	Diameter	Packaging unit (VPE)
0663 700 020	20 mm	1 PCS
0663 700 025	25 mm	1 PCS
0663 700 030	30 mm	1 PCS
0663 700 035	35 mm	1 PCS
0663 700 040	40 mm	1 PCS
0663 700 045	45 mm	1 PCS
0663 700 050	50 mm	1 PCS
0663 700 055	55 mm	1 PCS
0663 700 060	60 mm	1 PCS
0663 700 068	68 mm	1 PCS
0663 700 075	75 mm	1 PCS
0663 700 082	82 mm	1 PCS
0663 700 090	90 mm	1 PCS
0663 700 100	100 mm	1 PCS
0663 700 110	110 mm	1 PCS
0663 700 120	120 mm	1 PCS
0663 700 128	128 mm	1 PCS





diadrill ceramic, Mini M 14

Product description:
For clean holes in hard tiles, stoneware, thin granite and ceramic. Excellent results in hard materials. The high circumferential speed achieved by using with an angle grinder enables drilling without water cooling.



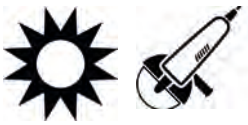
Advantages:
- The drills contain cooling wax, which melts and cools the drill during use. This significantly increases the service life of the drill. The cooling wax can be replenished by a cooling lubricant pin at any time.

Application area:
To be used in single-hand angle grinders at full rotation speed.





Usable length: 15 mm
Suitable for machine chuck: M14
Material to be processed: Tiling, Feinsteinzeug, Granite



Art. No.	Diameter	Packaging unit (VPE)
0663 700 005	5 mm	1 PCS
0663 700 006	6 mm	1 PCS
0663 700 008	8 mm	1 PCS
0663 700 010	10 mm	1 PCS
0663 700 012	12 mm	1 PCS
0663 700 014	14 mm	1 PCS
0663 700 015	15 mm	1 PCS
0663 700 016	16 mm	1 PCS
0663 700 018	18 mm	1 PCS





diadrill ceramic, with hexagonal shaft

Product description:
For clean holes in hard tiles, stoneware, thin granite and ceramic. Excellent results in hard materials.



Advantages:
- The drills contain cooling wax, which melts and cools the drill during use. This significantly increases the service life of the drill. The cooling wax can be replenished by a cooling lubricant pin at any time.

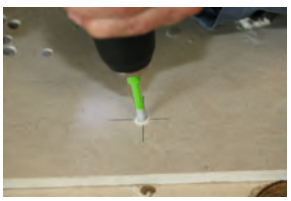




Application area:
For use in cordless drills at full rotation speed.

Usable length: 15 mm
Suitable for machine chuck: Shank 6 mm
Material to be processed: Tiling, Feinsteinzeug, Granite

Art. No.	Diameter	Packaging unit (VPE)
0663 706 05	5 mm	1 PCS
0663 706 06	6 mm	1 PCS
0663 706 08	8 mm	1 PCS
0663 706 10	10 mm	1 PCS
0663 706 12	12 mm	1 PCS
0663 706 14	14 mm	1 PCS



diadrill centring tool

Product description:
Centring tool for diamond drill bit 5 - 85 mm.

Material to be processed: Tiling, Feinsteinzeug, Granite



Art. No.	Packaging unit (VPE)
0663 790 585	1 PCS

diadrill socket outlet drill bit M16 SPEEDi B, Premium

Dry drilling, even in concrete!

Product description:
The first diamond core drill that can quickly and reliably drill through reinforced concrete without the need for water cooling. The reinforcement thickness must not exceed 10 mm.

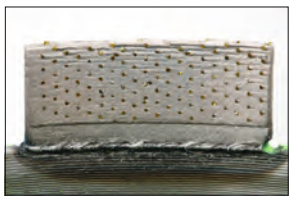
Advantages:
- Special diamond geometry: The diagonal diamonds drill into the material exactly adjacent to where the preceding diamond made its cut, resulting in the highest level of efficiency and maximum cutting performance

Application area:
Premium socket outlet drill bit for drilling holes for plug sockets, switch boxes and distributor boxes in all materials that may be encountered during electrical installations!

Field of Application:
Unrivalled and exceptional drilling properties in concrete, extremely hard sand-lime brick and other common materials. Recommended for use with „fast running" tools, i.e. high-speed electric drills that can be used with or without hammer function, e.g. BOSCH GSB 162-2E.

Advice:
Enclosed tube body that can be used with or without a dust extraction device







Usable length: 70 mm
Segment length x segment thickness x segment height: 24 x 2.7 x 10 mm
Effective diamond section: 8 mm
Number of segments: 4
Connection thread: M16
Material to be processed: Concrete, Limestone, strong, Masonry, Bricks

Art. No.	Diameter	Packaging unit (VPE)
0663 901 068	68 mm	1 PCS
0663 901 082	82 mm	1 PCS

diadrill socket outlet drill bit M16 SUPRA for KS, Premium

The all-rounder - peak performance in all common materials!

Product description:
Top quality diamond core drill that achieves the fastest drilling times and the longest service life thanks to the combination of synthetic and polycrystalline diamonds.

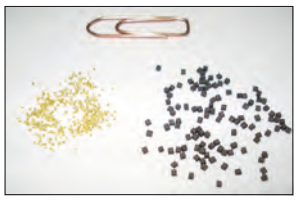


Advantages:
- Fast drilling progress through the use of synthetic and polycrystalline diamonds
- High-grade cobalt bond for long service life
- Bell-shaped tube body that produces little friction and hence only a small amount of heat.

Application area:
Premium socket outlet drill bit for drilling holes for plug sockets, switch boxes and distributor boxes in all common materials that may be encountered during electrical installations.

Field of Application:
Optimum results in hard and high-density sand-lime brick, poroton, masonry, vertically perforated brick and many other materials. Recommended for use with „fast running" tools, i.e. high-speed electric drills that can be used with „soft hammer" function or without hammer function, e.g. BOSCH GSB 162-2E.





Advice:
Open tube body for use without a dust extraction device

Usable length: 70 mm
Segment length x segment thickness x segment height: 20 x 3.5 x 10 mm
Effective diamond section: 9 mm
Connection thread: M16
Material to be processed: Limestone, strong, Masonry, Bricks

Art. No.	Diameter	Number of segments	Packaging unit (VPE)
0663 902 068	68 mm	5	1 PCS
0663 902 082	82 mm	7	1 PCS
0663 902 102	102 mm	9	1 PCS

diadrill socket outlet drill bit M16 SUPRA for KS, Premium

The all-rounder - peak performance in all common materials!

Product description:
Top quality diamond core drill that achieves the fastest drilling times and the longest service life thanks to the combination of synthetic and polycrystalline diamonds.

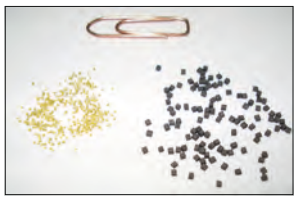


Advantages:
- Fast drilling progress through the use of synthetic and polycrystalline diamonds
- High-grade cobalt bond for long service life
- Bell-shaped tube body that produces little friction and hence only a small amount of heat.

Application area:
Premium socket outlet drill bit for drilling holes for plug sockets, switch boxes and distributor boxes in all common materials that may be encountered during electrical installations.

Field of Application:
Optimum results in hard and high-density sand-lime brick, poroton, masonry, vertically perforated brick and many other materials. Recommended for use with „fast running" tools, i.e. high-speed electric drills that can be used with „soft hammer" function or without hammer function, e.g. BOSCH GSB 162-2E.





Advice:
Closed tube body for use with a dust extraction device

Usable length: 70 mm
Segment length x segment thickness x segment height: 20 x 3.5 x 10 mm
Effective diamond section: 9 mm
Connection thread: M16
Material to be processed: Limestone, strong, Masonry, Bricks



Art. No.	Diameter	Number of segments	Packaging unit (VPE)
0663 902 168	68 mm	5	1 PCS
0663 902 182	82 mm	7	1 PCS

diadrill core drill M16, BASIC

Product description:
Standard diamond core drill for drilling holes for plug sockets and switch boxes (68 mm) and distributor boxes (82 mm) during electrical installation.



Advantages:
- More diamond segments than any competitor product: 4 segments on 68 mm (market standard 3) and 6 segments on 82 mm (market standard 4), meaning a significantly longer service life!

Application area:
Can be used without a dust extraction device on high-speed, soft-impact electric drills. Can be used with all interior fitting materials: Masonry, poroton, brickwork etc.

Usable length: 60 mm
Segment length x segment thickness x segment height: 24 x 4 x 7 mm
Effective diamond section: 6 mm
Connection thread: M16
Material to be processed: Masonry, Limestone, abrasive, Chalky sandstone, soft, Bricks

Art. No.	Diameter	Number of segments	Equipping	Packaging unit (VPE)
0663 900 068	68 mm	4	1	1 PCS
0663 900 069	68 mm	4	6	1 PCS
0663 900 082	82 mm	6	1	1 PCS
0663 900 083	82 mm	6	6	1 PCS

diadrill hexagonal adapter to M16 for centre drill 8 x 150

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16



Art. No.	Packaging unit (VPE)
0663 910 10	1 PCS

diadrill direct mount to M16 for centre drill 8 x 150

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16

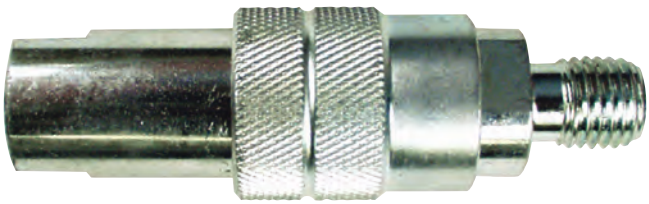


Art. No.	Connection thread	Tool holding device	Packaging unit (VPE)
0663 910 56		Quick-change holder	1 PCS
0663 910 58	5/8 inch		1 PCS
0663 910 18	M18		1 PCS
0663 910 27	M27		1 PCS

diadrill direct mount with 5/8 inch female thread to M16 for SDS drill

Advantages:
- All SDSplus drills can be used with this mount as a centre drill!

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16



Art. No.	Packaging unit (VPE)
0663 940 58	1 PCS

Centre drill for socket outlet drill bit mounts

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16



Diameter: 8 mm

Art. No.	Length	Packaging unit (VPE)
0663 910 90	150 mm	1 PCS
0663 910 92	200 mm	1 PCS

diadrill hexagonal adapter M 16 for centring pin

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16



Art. No.	Packaging unit (VPE)
0663 920 10	1 PCS

diadrill direct mounting 5/8 inch to M16 for centring pin

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16



Art. No.	Packaging unit (VPE)
0663 920 58	1 PCS

diadrill centring pin

Product description:
The centring pin with integrated gas pressure spring allows the diamond crown to be applied directly to the material being drilled. The centring pin must be removed after drilling!



Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16

Art. No.	Type	Packaging unit (VPE)
0663 920 91	for drill bits with a usable length of 150 mm	1 PCS
0663 920 90	for socket outlet drill bits with a usable length of 70 mm	1 PCS

RECA dust extraction device for diamond core drill

With SDSplus centre drill - nothing more simple!

Product description:
The RECA dust extractor for diamond core drills can be used with both 68 and 82 crowns. A SDS-plus drill, which must have a usable length of 150 mm or more, acts as a centring device in this respect.

Application area:
For use in electrical installations involving diamond core drills. The dust extractor picks up 90% of the fine dust produced, thereby protecting the health of the user!

Field of Application:
Always together with a dust extractor, e.g. the „GAS" series from the BOSCH power tool range for industrial applications

Advice:
The ideal total length of the SDS-plus centre drill is 210 mm; the diameter can be max. 8 mm. Connecting thread 5/8" for BOSCH fast-running machine GSB 162-2E.



Art. No.	Packaging unit (VPE)
0663 909 580	1 PCS

Adapter for connecting machines or mounting systems and the RECA dust extraction device

with connecting thread 5/8" external thread

Application area:
Adapter system for all diamond socket outlet drill bits with connecting thread M16

Advice:
The RECA dust extraction device can be adapted to virtually ANY mounting system via the M16 adapter.
The RECA dust extraction device can be adapted to machines with spindle thread M18 (e.g. Eibenstock) via the M18 adapter.



Art. No.	Type	Connection thread	Packaging unit (VPE)
0663 909 586	M16	M16	1 PCS
0663 909 583	M18	M18	1 PCS

diadrill diamond core drill M16, dry, usable length 150 mm

Product description:
Can be used without water cooling to create wall openings for chimney connections, ventilation shafts, extractor hoods, waste water pipes etc., M16 mounting thread

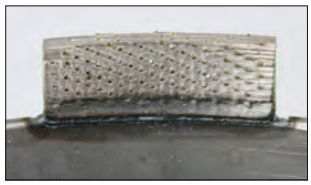
Application area:
For use with hand-controlled diamond drills with all M16 mounting threaded adapter systems.

Field of Application:
Masonry, concrete, reinforced concrete (up to 8 mm thick for armouring iron)

Advice:
The centre drill 8x200, article no. 0663 910 92 or the RECA UNICON multi-purpose drill bit 8x250, article no. 0650 008 250 can be used as a centre drill.



Usable length: 150 mm
Effective diamond section: 7 mm
Connection thread: M16
Material to be processed: Concrete, Limestone, strong, Chalky sandstone, Masonry





Art. No.	Diameter	Segment length x segment thickness x segment height	Number of segments	Packaging unit (VPE)
0663 600 042	42 mm	16 x 4.0 x 8.5 mm	4	1 PCS
0663 610 052	52 mm	24 x 3.5 x 8.5 mm	4	1 PCS
0663 610 068	68 mm	24 x 3.5 x 8.5 mm	4	1 PCS
0663 610 072	72 mm	24 x 3.5 x 8.5 mm	4	1 PCS
0663 610 082	82 mm	24 x 3.5 x 8.5 mm	4	1 PCS
0663 610 092	92 mm	24 x 3.5 x 8.5 mm	5	1 PCS
0663 610 102	102 mm	24 x 3.5 x 8.5 mm	5	1 PCS
0663 610 107	107 mm	24 x 3.5 x 8.5 mm	5	1 PCS
0663 610 117	117 mm	24 x 3.5 x 8.5 mm	5	1 PCS
0663 610 127	127 mm	24 x 3.5 x 8.5 mm	6	1 PCS
0663 610 132	132 mm	24 x 4 x 8.5 mm	6	1 PCS
0663 610 152	152 mm	24 x 4 x 8.5 mm	7	1 PCS
0663 610 162	162 mm	24 x 4 x 8.5 mm	7	1 PCS
0663 610 200	200 mm	24 x 4 x 8.5 mm	7	1 PCS

diadrill diamond core drill 1 1/4", dry, usable length 400 mm

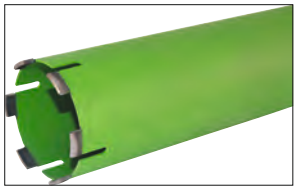
Product description:
Can be used without water cooling to create wall openings for chimney connections, ventilation shafts, extractor hoods, waste water pipes etc. in masonry, sand-lime brick (up to a max. gross density of 2.0); not for use in concrete. 1 1/4" mounting thread

Application area:
For direct mounting in hand-operated or stand-mounted diamond electric drills with 1 1/4" mounting thread. Can also be used on other machines with the relevant adapters. The use of a dust extraction device is highly recommended



as the extraction and associated cooling of the drill bit significantly extend the service life!

Advice:
When using on hand-operated machines, the hole is tapped with the appropriate centre cross (see accessories).



Length: 450 mm
Usable length: 400 mm
Effective diamond section: 8.5 mm
Connection thread: 1 1/4 inch
Material to be processed: Masonry, Limestone, abrasive, Chalky sandstone, soft, Bricks

Art. No.	Diameter	Segment length x segment thickness x segment height	Number of segments	Packaging unit (VPE)
0663 400 052	52 mm	20 x 3.0 x 10 mm	4	1 PCS
0663 400 056	56 mm	20 x 3.0 x 10 mm	4	1 PCS
0663 400 068	68 mm	20 x 3.0 x 10 mm	4	1 PCS
0663 400 076	76 mm	20 x 3.0 x 10 mm	4	1 PCS
0663 400 081	81 mm	20 x 3.0 x 10 mm	6	1 PCS
0663 400 092	92 mm	20 x 3.5 x 10 mm	6	1 PCS
0663 400 102	102 mm	20 x 3.5 x 10 mm	6	1 PCS
0663 400 112	112 mm	20 x 4.0 x 10 mm	6	1 PCS
0663 400 122	122 mm	20 x 4.0 x 10 mm	8	1 PCS
0663 400 132	132 mm	20 x 4.0 x 10 mm	8	1 PCS
0663 400 152	152 mm	20 x 4.0 x 10 mm	10	1 PCS
0663 400 162	162 mm	20 x 4.0 x 10 mm	10	1 PCS

diadrill diamond core drills 1/2“, wet, usable length 300/400 mm

Product description:
Wet core bit with 1/2“ drive arbor for use on core drills with water cooling.
Laser-welded diamond wet core bits with 7 or 8.5-mm usable diamond layer.



Advantages:
- Dual balanced tube body ensures reliable concentricity. Tapping zone on top segment for optimal tapping and drilling performance.

Application area:
Can be used with water cooling in all common building materials, particularly concrete, reinforced concrete, sand-lime brick, masonry etc.

Field of Application:
For direct mounting in all common stand-mounted electric drills with 1/2“ thread.
Other machines can be used with the aid of an adapter.

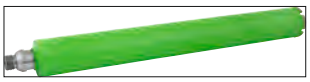
Advice:
When mounting the 1/2-inch diamond core drills placing a copper ring size 14x18 (article number 0460 14 18) makes it easier to disassemble later!



Connection thread: 1/2 inch

Material to be processed: Concrete, Reinforced concrete, Chalky sandstone, Masonry, Bricks

Art. No.	Diameter	Length	Usable length	Segment length x segment thickness x segment height	Number of segments	Effective diamond section	Packaging unit (VPE)
0663 120 020	20 mm	350 mm	300 mm	20 x 2.5 x 7.0 mm	1	7 mm	1 PCS
0663 120 025	25 mm	350 mm	300 mm	25 x 2.5 x 7.0 mm	1	7 mm	1 PCS
0663 120 030	30 mm	350 mm	300.0 mm	30 x 2.5 x 7.0 mm	1	7 mm	1 PCS
0663 120 032	32 mm	350 mm	300 mm	32 x 2.5 x 7.0 mm	1	7 mm	1 PCS
0663 120 040	40 mm	450 mm	400 mm	14 x 3.0 x 7.0 mm	6	7 mm	1 PCS
0663 120 051	52 mm	450 mm	400 mm	24 x 3.5 x 10 mm	5	8.5 mm	1 PCS
0663 120 061	62 mm	450 mm	400 mm	24 x 3.5 x 10 mm	6	8.5 mm	1 PCS
0663 120 082	82 mm	450 mm	400 mm	24 x 3.5 x 10 mm	7	8.5 mm	1 PCS
0663 120 102	102 mm	450 mm	400 mm	24 x 3.5 x 10 mm	8	8.5 mm	1 PCS
0663 120 122	122 mm	450 mm	400 mm	24 x 3.5 x 10 mm	10	8.5 mm	1 PCS





diadrill diamond core drill 1 1/4“, wet, usable length 450 mm

Product description:
Wet core bit with 1 1/4“ drive arbor for use on core drills with water cooling. Laser-welded, diamond wet core bits with 10 mm (8.5+1.5) segment height.

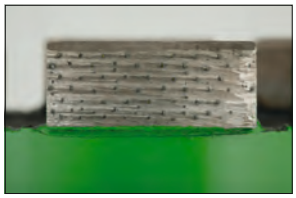
Advantages:
- Dual balanced tube body ensures reliable concentricity. Tapping zone on top segment for optimal tapping and drilling performance.

Application area:
Can be used with water cooling in all common building materials, particularly concrete, reinforced concrete, sand-lime brick, masonry etc.

Field of Application:
For direct mounting in all common stand-mounted electric drills with 1 1/4“ thread.
Other machines can be used with the aid of an adapter.

Advice:
When mounting the 1 1/4-inch diamond core drills placing a copper ring size 32x38 (article number 0460 32 38) makes it easier to disassemble later!





Length: 500 mm
Usable length: 450 mm
Effective diamond section: 8.5 mm
Connection thread: 1 1/4 inch
Material to be processed: Concrete, Reinforced concrete, Chalky sandstone, Masonry, Bricks

Art. No.	Diameter	Segment length x segment thickness x segment height	Number of segments	Packaging unit (VPE)
0663 230 040	40 mm	14 x 3.0 x 10 mm	6	1 PCS
0663 230 051	52 mm	24 x 3.5 x 10 mm	5	1 PCS
0663 230 056	57 mm	24 x 3.5 x 10 mm	5	1 PCS
0663 230 061	62 mm	24 x 3.5 x 10 mm	6	1 PCS
0663 230 072	72 mm	24 x 3.5 x 10 mm	7	1 PCS
0663 230 082	82 mm	24 x 3.5 x 10 mm	7	1 PCS
0663 230 092	92 mm	24 x 3.5 x 10 mm	8	1 PCS
0663 230 102	102 mm	24 x 3.5 x 10 mm	8	1 PCS
0663 230 112	112 mm	24 x 3.5 x 10 mm	9	1 PCS
0663 230 122	122 mm	24 x 3.5 x 10 mm	10	1 PCS
0663 230 132	132 mm	24 x 4.0 x 10 mm	11	1 PCS
0663 230 138	138 mm	24 x 4.0 x 10 mm	10	1 PCS
0663 230 152	152 mm	24 x 4.0 x 10 mm	12	1 PCS
0663 230 162	162 mm	24 x 4.0 x 10 mm	12	1 PCS
0663 230 182	182 mm	24 x 4.0 x 10 mm	13	1 PCS
0663 230 186	186 mm	24 x 4.0 x 10 mm	13	1 PCS
0663 230 202	202 mm	24 x 4.0 x 10 mm	14	1 PCS
0663 230 226	226 mm	24 x 4.0 x 10 mm	15	1 PCS
0663 230 252	252 mm	24 x 4.0 x 10 mm	15	1 PCS







diamop PREMIUM diamond grinding cup

Application area:
Diamond grinding cups are used for machining the surface of stone and concrete materials. Can be used in commercially available angle grinders or in special concrete grinders that are equipped with enclosed extraction devices (e.g. BOSCH GBR 14CA).
For removing formwork residues, concrete projections, paint, graffiti, tar coatings and even thin plastic coverings (up to approx. 3 mm)

Field of Application:
Can be used for dry grinding on all commercially available angle grinders or special concrete grinders.

Diameter: 125 mm
Bore diameter: 22.2 mm



Art. No.	Total height	Effective diamond section	Weight	Packaging unit (VPE)
0662 601 125		7.5 mm	430	1 PCS
0662 661 125	22 mm	6 mm	420	1 PCS

diamop diamond grinding cup AERO for concrete and abrasive materials

Product description:
The diamop AERO takes its name from the aerodynamic arrangement of its segments, which enable an outstanding air supply, and through this ventilation increase the lifespan of the grinding plate.

Application area:
Diamond grinding cups are used for machining the surface of stone and concrete materials. Can be used in commercially available angle grinders or in special concrete grinders that are equipped with enclosed extraction devices (e.g. BOSCH GBR 14CA).
For removing formwork residues, concrete projections, paint, graffiti, tar coatings and even thin plastic coverings (up to approx. 3 mm)

Field of Application:
For use on concrete, terrazzo, marble, granite (RS10B) and abrasive screed or sandstone (RS10A)

Advice:



150 mm diameter:
with special direct mounting for Hilti DG 150 (article number 0662 609 150 – note: when mounting this grinding cup, the lower flange nut must be removed from the Hilti DG150, since this is already integrated into the grinding cup)
with mount 22.2: for machine type „FLEX LD 18-7 150 R"

Segment height: 7 mm

Art. No.	Diameter (Durchmesser)	Bore diameter (Bohrungs-Durchmesser)	Type	Total height	Equipping	Weight	Packaging unit (VPE)
0662 602 100	100 mm	22.2 mm	Concrete	21.8 mm		370	1 PCS
0662 602 125	125 mm	22.2 mm	Concrete	22 mm		510	1 PCS
0662 602 126	125 mm	22.2 mm	Concrete	22 mm	6 pieces	510	1 PCS
0662 609 125	125 mm	22.2 mm	Concrete Hilti	22 mm		500	1 PCS
0662 603 125	125 mm	22.2 mm	Screed, abrasive	22 mm		495	1 PCS
0662 603 126	125 mm	22.2 mm	Screed, abrasive	22 mm	6 pieces	495	1 PCS
0662 609 150	150 mm	13 mm	Concrete Hilti DG 150	26 mm		750	1 PCS
0662 602 150	150 mm	22.2 mm		22 mm		670	1 PCS
0662 603 150	150 mm	22.2 mm	Screed, abrasive	22 mm		700	1 PCS
0662 602 180	180 mm	22.2 mm	Concrete	32 mm		990	1 PCS
0662 602 186	180 mm	22.2 mm	Concrete	32 mm	6 pieces	990	1 PCS
0662 603 180	180 mm	22.2 mm	Screed, abrasive	32 mm		1020	1 PCS

diamop diamond grinding cup, two-row for concrete (RS10B) and abrasive materials (RS10A) BASIC

Traditional two-row segment arrangement

Product description:
Two rows of diamond segments guarantee a long service life!

Application area:
Diamond grinding cups are used for machining the surface of stone and concrete materials. Can be used in commercially available angle grinders or in special concrete grinders that are equipped with enclosed extraction devices (e.g. BOSCH GBR 14CA).
For removing formwork residues, concrete projections, paint, graffiti, tar coatings and even thin plastic coverings (up to approx. 3 mm)

Field of Application:
For use on concrete, universal building materials (RS10B) and abrasive screed (RS10A)



Bore diameter: 22.2 mm
Segment height: 5 mm

Art. No.	Diameter	Type	Total height	Equipping	Weight	Packaging unit (VPE)
0662 622 100	100 mm	Concrete	20.3 mm		320	1 PCS
0662 622 125	125 mm	Concrete	23.2 mm		500	1 PCS
0662 622 126	125 mm	Concrete	23.2 mm	6 pieces	500	1 PCS
0662 643 125	125 mm	Screed, abrasive	23.4 mm		560	1 PCS
0662 622 180	180 mm	Concrete	27.7 mm		950	1 PCS

diamop diamond grinding cup AERO Turbo, for finishing and fine grinding

Product description:
The fully encircling Turbo diamond layer ensures an extremely clean grinding finish.

Application area:
Diamond grinding cups are used for machining the surface of stone and concrete materials. Can be used in commercially available angle grinders or in special concrete grinders that are equipped with enclosed extraction devices (e.g. BOSCH GBR 14CA).
For removing formwork residues, concrete projections, paint, graffiti, tar coatings and even thin plastic coverings (up to approx. 3 mm)

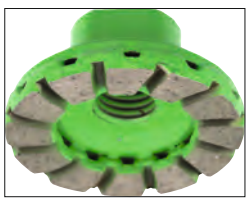
Field of Application:
For use on natural stones such as granite, marble etc. For finishing and fine grinding.

Advice:
We recommend using special concrete grinders with integrated dust extraction devices, e.g. BOSCH Concrete Grinder GBR 14 CA. An exception here is the 0662 641 150 device, which is only compatible with the Hilti DG150 machine.



Segment height: 5 mm
Material to be processed: Natural stone, Granite, Concrete

Art. No.	Diameter (Durchmesser)	Bore diameter (Bohrungs-Durchmesser)	Connection thread	Total height	Weight	Packaging unit (VPE)
0662 641 050	50 mm		M14	26 mm	200	1 PCS
0662 641 114	100 mm		M14	30.0 mm	395	1 PCS
0662 641 100	100 mm	22.2 mm		19.5 mm	370	1 PCS
0662 641 125	125 mm	22.2 mm		20.8 mm	525	1 PCS
0662 641 150	150 mm	13 mm		25.6 mm	850	1 PCS
0662 641 180	180 mm	22.2 mm		21.0 mm	1030	1 PCS



diamop Green X Allround

The lightweight all-rounder for use on a wide range of materials

Product description:
Green X - the specialist for surface grinding and edge breaking!

Application area:
Diamond grinding cups are used for machining the surface of stone and concrete materials. Can be used in commercially available angle grinders or in special concrete grinders that are equipped with enclosed extraction devices (e.g. BOSCH GBR 14CA).
For removing formwork residues, concrete projections, paint, graffiti, tar coatings and even thin plastic coverings (up to approx. 3 mm)

Field of Application:
For use on tiles, granite and extremely hard stoneware as well as steel, wood and hard plastics.

Advice:
Extremely lightweight and extremely hard-wearing - suitable for universal use in every commercially-available angle grinder!







Drill hole: 22.2 mm
Material to be processed: Tiling, Granite, Feinsteinzeug, Steel, Wood, Plastic

Art. No.	Diameter	Weight	Packaging unit (VPE)
0662 652 125	125 mm	160	1 PCS
0662 652 180	180 mm	310	1 PCS

diaflex sharpening stone for diamond discs

Application area:
Sharpening stones or sharpening plates are used to sharpen blunted diamond tools, restoring the tools to an effective level of performance. Simply cut or drill into the sharpening stone or sharpening plate and the diamond tool will sharpen itself.

Advice:
The segment or cutting edge must have regained a light silver colour once it has been sharpened, otherwise the diamonds have not been exposed!



Art. No.	Packaging unit (VPE)
0664 999 69	1 PCS

diadrill sharpening plate for diamond drill bits

Application area:
Sharpening stones or sharpening plates are used to sharpen blunted diamond tools, restoring the tools to an effective level of performance. Simply cut or drill into the sharpening stone or sharpening plate and the diamond tool will sharpen itself.

Advice:
The segment or cutting edge must have regained a light silver colour once it has been sharpened, otherwise the diamonds have not been exposed!



Art. No.	Packaging unit (VPE)
0664 999 70	1 PCS

G3 autogenic welding rod, copper-plated surface

Field of Application:
Welding rod for connection welding in container and pipeline construction.
Suitable for welding gas pipes



Art. No.	Diameter	Length	Packaging unit (VPE)
0982 003	3.0 mm	1000.0 mm	5 PCS

Welder's hammer



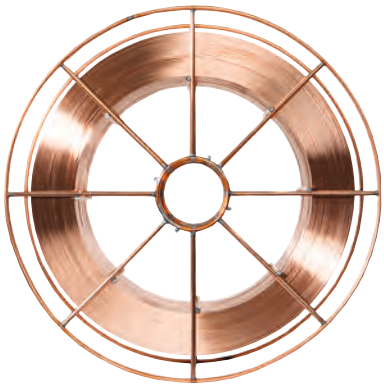
Art. No.	DIN	Material	Hammer weight	Packaging unit (VPE)
0688 250 02	5133	Steel	400 g	1 PCS

G3Si1 MIG welding wire for steel

Product description:
For welding in accordance with DIN 8559 on unalloyed and low-alloy steel.
Welding wire copper-plated for excellent sliding properties.

Application area:
Materials:
EN 10025: S185; S355J2G3
EN 10028-2: P235GH; P265GH; P295GH; P355GH
EN 10028-3: P275N; P355N
EN 10113-2: S355N

Advice:
On basket spool BS300.



Art. No.	Diameter	Type of coil	Approval	Packaging unit (VPE)
0982 008 01	0.8 mm	Basket coil	TÜV/DB	15 PCS
0982 010 01	1.0 mm	Basket coil	TÜV/DB	15 PCS
0982 012 01	1.2 mm	Basket coil	TÜV/DB	15 PCS

Oerlikon Fincord rod electrode



Product description:
Rutile stick welding electrode with excellent welding properties.
Easy to use, suitable for inexperienced welders.
Simple to light and relight.
Low-noise, stable electric arc.
Seam looks very smooth and clean.
Transitions to basic material are free of notches.
Can be welded in all positions, except inclined positions.

Field of Application:
S(P) 235 - S(P) 355, GP 240, GP 280

Advice:
The electrode is welded with direct current and alternating current (- pole).
Only work with dry electrodes.

Art. No.	Diameter	Length	Min. electrode welding current	Max. electrode welding current	Approval	Weight per packaging unit	Package size	Packaging unit (VPE)
0982 044 140	2.0 mm	250.0 mm	50 A	70 A	TÜV, DB, ABS (2P), BV (2), DNV (2), GL (2Y), LRS (2m)	1.5 kg	1020	170 PCS
0982 044 147	2.5 mm	350.0 mm	65 A	90 A	TÜV, DB, ABS (2P), BV (2), DNV (2), GL (2Y), LRS (2m)	1.5 kg	630	210 PCS
0982 044 153	3.2 mm	350.0 mm	100 A	140 A	TÜV, DB, ABS (2P), BV (2), DNV (2), GL (2Y), LRS (2m)	4.3 kg	375	125 PCS

Oerlikon Overcord rod electrode



Product description:
Rutile-cellulosic electrode.
Particularly suitable for vertical seams that are welded at an angle.
Very smooth, slightly concave seam.
Transition to basic material free of notches.
Slag easy to remove, partially self-releasing.
Option to weld at an angle makes it ideal for use in tank construction.

Field of Application:
- Unalloyed construction steel: St 33, St 37, St 44, St 52 – 3,
- Boiler plates: H I, H II, tube steel: St 35, St 35.4, St 35.8, St 45, St 45.4, St 45.8, St 52, St 52.4, St E 210.7 (St34.7), St E 240.7 (St 38.7), St E 290.7 (St 43.7), St E 320.7 (St 47.7), St E 360.7 (St 53.7) and the relevant brand qualities,
- Shipbuilding steel A, B,
- Steel sheets in accordance with DIN 1623, sheet 1,
- Cast steel GS-38, GS-45

Advice:
The electrode is welded with direct current and alternating current (- pole).
Only work with dry electrodes.

Art. No.	Diameter	Length	Min. electrode welding current	Max. electrode welding current	Approval	Weight per packaging unit	Package size	Packaging unit (VPE)
0982 044 143	2.0 mm	250.0 mm	50 A	60 A	DB, ABS, BV, NV, GL, LR, Controlas, tested by TÜV	1.6 kg	1230	205 PCS
0982 044 152	2.5 mm	350.0 mm	60 A	85 A	DB, ABS, BV, NV, GL, LR, Controlas, tested by TÜV	4.5 kg	825	275 PCS
0982 044 158	3.2 mm	350.0 mm	90 A	130 A	DB, ABS, BV, NV, GL, LR, Controlas, tested by TÜV	4.5 kg	480	160 PCS

Oerlikon Spezial rod electrode

Product description:
Basic electrode.
Particularly stable arc thanks to the double jacket.
Transitions to basic material are clean and free of notches.
Fillet welds welded in horizontal position without any peaking.
Suitable for root welding and fixed-position welding.



Field of Application:
- Unalloyed construction steel: St 33, St 37, St 44, St 52-3, St 50-2,
- Fine-grained structural steel: St E 255 /St E 26), St E 285 (St E 29), St E 315 (St E 32), St E 355 (St E 36), W St E 255 (W St E 26), A St E 285 (A St E 29), W St E 315 (W St E 32), W St E 355 (W St E 36),
- Boiler plates: H I, H II, 17 Mn 4, 19 Mn 5,
- Tube steel: St 35, St 35.4, St 35.8, St 45, St 45.4, St 45.8, St 55, St 55.4, St 52, St 52.4, St E 210.7 (St34.7), St E 240.7 (St 38.7), St E 290.7 (St 43.7), St E 320.7 (St 47.7), St E 360.7 (St 53.7) and the relevant brand qualities,
- Shipbuilding steel A, B, D, E,
- Cast steel GS-38, GS-45, GS-52

Advice:
Only work with dry electrodes.

Art. No.	Diameter	Length	Min. electrode welding current	Max. electrode welding current	Approval	Weight per packaging unit	Package size	Packaging unit (VPE)
0982 044 149	2.5 mm	350.0 mm	60 A	90 A	DB, ABS, BV, NV, GL, LR, Controlas, tested by TÜV	3.9 kg	600	200 PCS
0982 044 155	3.2 mm	350.0 mm	90 A	130 A	DB, ABS, BV, NV, GL, LR, Controlas, tested by TÜV	4.1 kg	375	125 PCS

Oerlikon Supranox 308L rod electrode

Product description:
Austenitic electrode.
For connection welding and build-up welding on stabilised and unstabilised, corrosion-resistant Cr-Ni steel.
Very low moisture absorption, low porosity.
Good moistening of the weld flanks, very smooth and lightly rippled weld texture.
Soft and stable electric arc, very low splash formation.
Subsequent pickling work reduced.



Field of Application:
Steels with material numbers: 1.4301, 1.4306, at operating temperatures up to max. 350°C including material numbers 1.4541, 1.4543, 1.4550

Advice:
Only work with dry electrodes.

Art. No.	Diameter	Length	Min. electrode welding current	Max. electrode welding current	Approval	Weight per packaging unit	Package size	Packaging unit (VPE)
0982 044 170	2.5 mm	300.0 mm	45 A	80 A	Tested by TÜV, DB, UDT	3.4 kg	570	190 PCS

Oerlikon Supranox 316L rod electrode

Product description:
Austenitic electrode.
For connection welding and build-up welding.
On stabilised and unstabilised corrosion-resistant Cr-Ni-Mo steel.
Very low moisture absorption, low porosity.
Good moistening of the weld flanks, very smooth and lightly rippled weld texture.
Soft and stable electric arc, very low splash formation.
Subsequent pickling work reduced.
Only work with dry electrodes.



Field of Application:
Steels with material numbers: 1.4401, 1.4404, 1.4571, 1.4580

Advice:
Only work with dry electrodes.

Art. No.	Diameter	Length	Min. electrode welding current	Max. electrode welding current	Approval	Weight per packaging unit	Package size	Packaging unit (VPE)
0982 044 175	2.5 mm	300.0 mm	45 A	80 A	Tested by TÜV, DB, GL, UDT	3.4 kg	570	190 PCS

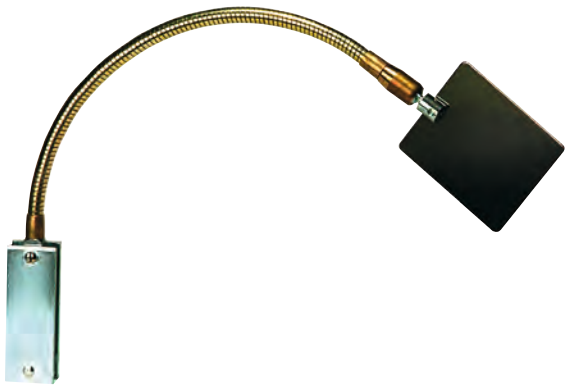
Gas lighter with roller file



Art. No.	Content remark	Packaging unit (VPE)
0688 552 10	Replacement flints	50 PCS
0688 553 00	Roller file	1 PCS

Magnetic welding mirror

Product description:
Magnetic welding mirror with bending metal stand



Art. No.	Content remark	Packaging unit (VPE)
0688 101 01	Magnetic welding mirror	1 PCS
0688 131 01	Replacement mirror	1 PCS

Soft solder paste

Product description:
DVGW-tested



Art. No.	Equipping	Packaging unit (VPE)
0982 730 00	250 g	5 PCS

Solder no. 3, coil, 250 g

Product description:
DVGW-tested



Art. No.	Equipping	Packaging unit (VPE)
0982 93	250 g	10 PCS

Soldering wire 40 % SN 40 1-kg coil

Product description:
S-Pb 60 Sn 40 in accordance with DIN EN 29453 (DIN 1707)
Continuous flux supply in accordance with DIN EN 29454-1



Art. No.	Diameter	Equipping	Packaging unit (VPE)
0982 6	2.0 mm	1 kg	1 PCS

Solder rods

Product description:
In accordance with DIN EN 29453 (DIN 1707)



Art. No.	Zn composition of the brazing solder (weight-%)	Included in delivery (Lieferumfang)	Packaging unit (VPE)
0982 35	35 %	5 kg	5 PCS
0982 3	40 %	5 kg	5 PCS

Soldering fluid brush

Product description:
Particularly suitable for soldering grease, welding paste, drilling and grinding oil, soap water.
Bristles



Carbon rod electrodes

Field of Application:
For electric soft soldering devices



Art. No.	Diameter	Length	Packaging unit (VPE)
0982 701	10.0 mm	150.0 mm	1 PCS

Copper hard solder L-Cu - P 6

Advantages:
- Universal application
- Reduced flux usage when soldering copper
- Very economical



Field of Application:
Suitable for brazing cold water, warm water and gas installations made from copper piping. If using brass fittings, also use brazing flux (art. no. 0982 750 100).

Art. No.	Diameter	Length	Cu composition of the brazing solder	P composition of the brazing solder	Min./max. melting temperature	Working temperature	Material	DIN	Content remark	Packaging unit (VPE)
0982 742 500	2.0 mm	500.0 mm	93.8 %	6.2 %	710 to 880 °C	730 °C	Standard designation for brazing material	8513	64 bars = 1 kg	1 PCS
0982 743 500	3.0 mm	500.0 mm	93.8 %	6.2 %	710 to 880 °C	730 °C	Standard designation for brazing material	8513	64 bars = 1 kg	1 PCS

Hard soldering flux 100 g

Field of Application:
Use in conjunction with brass fittings.



Art. No.	Included in delivery (Lieferumfang)	Packaging unit (VPE)
0982 750 100	100 g	1 PCS

reca ultra screwdriver, slotted

Advantages:

- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, hexagon blade with torque adjustment. *(apart from TX and slotted size 3.0/3.5 - these are only available with circular blades) and **(apart from slotted 4.0, which is only available with hexagon blades).
- Tip: Black Tip for a precise fit.





Art. No.	Slot width x slot length	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 501 030	0.5 x 3.0 mm	166.0 mm	80.0 mm	86 / 25 mm	1 PCS
0701 501 035	0.6 x 3.5 mm	186.0 mm	100.0 mm	86 / 25 mm	1 PCS
0701 501 040	0.8 x 4.0 mm	169.0 mm	75.0 mm	94 / 30 mm	1 PCS
0701 501 050	1.0 x 5.5 mm	201.0 mm	100.0 mm	101 / 33 mm	1 PCS
0701 501 063	1.2 x 6.5 mm	231.0 mm	125.0 mm	106 / 36 mm	1 PCS
0701 501 081	1.2 x 8.0 mm	262.0 mm	150.0 mm	112 / 39 mm	1 PCS
0701 501 082	1.6 x 10.0 mm	287.0 mm	175.0 mm	112 / 39 mm	1 PCS
0701 501 100	2.0 x 12.0 mm	312.0 mm	200.0 mm	112 / 39 mm	1 PCS

RECA ultra screwdriver, PH recessed head

Advantages:

- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, hexagon blade with torque adjustment. *(apart from TX and slotted size 3.0/3.5 - these are only available with circular blades) and **(apart from slotted 4.0, which is only available with hexagon blades).
- Tip: Black Tip for a precise fit.





Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 507 050	PH1	174.0 mm	80.0 mm	94 / 30 mm	1 PCS
0701 507 063	PH2	206.0 mm	100.0 mm	106 / 36 mm	1 PCS
0701 507 080	PH3	262.0 mm	150.0 mm	112 / 39 mm	1 PCS

RECA ultra screwdriver, PZ recessed head

Advantages:

- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, hexagon blade with torque adjustment. *(apart from TX and slotted size 3.0/3.5 - these are only available with circular blades) and **(apart from slotted 4.0, which is only available with hexagon blades).
- Tip: Black Tip for a precise fit.





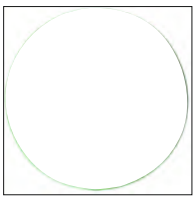
Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 506 050	PZ1	174.0 mm	80.0 mm	94 / 30 mm	1 PCS
0701 506 063	PZ2	206.0 mm	100.0 mm	106 / 36 mm	1 PCS
0701 506 080	PZ3	262.0 mm	150.0 mm	112 / 39 mm	1 PCS

RECA ultra screwdriver, TX

Advantages:

- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, hexagon blade with torque adjustment. *(apart from TX and slotted size 3.0/3.5 - these are only available with circular blades) and **(apart from slotted 4.0, which is only available with hexagon blades).
- Tip: Black Tip for a precise fit.



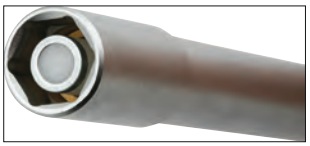


Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 504 007	TX7	146.0 mm	60.0 mm	86 / 25 mm	1 PCS
0701 504 008	TX8	146.0 mm	60.0 mm	86 / 25 mm	1 PCS
0701 504 009	TX9	176.0 mm	90.0 mm	86 / 25 mm	1 PCS
0701 504 010	TX10	186.0 mm	100.0 mm	86 / 25 mm	1 PCS
0701 504 015	TX15	194.0 mm	100.0 mm	94 / 30 mm	1 PCS
0701 504 020	TX20	201.0 mm	100.0 mm	101 / 33 mm	1 PCS
0701 504 025	TX25	206.0 mm	100.0 mm	106 / 36 mm	1 PCS
0701 504 027	TX27	206.0 mm	100.0 mm	106 / 36 mm	1 PCS
0701 504 030	TX30	227.0 mm	115.0 mm	112 / 39 mm	1 PCS
0701 504 040	TX40	237.0 mm	125.0 mm	112 / 39 mm	1 PCS

RECA ultra screwdriver, hexagon head

Product description:
The RECA ultra socket wrench screwdriver features a spring-loaded magnetic body to hold screws and nuts firmly and tighten them securely even in hard-to-reach spots. When tightening longer threads, the magnetic body can dip into the socket wrench pipe over a spring travel of 4 cm to accommodate the protruding stud bolt. Not possible with a conventional socket wrench screwdriver!







Advantages:
- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- The magnetic body makes it easy to tighten screws even in blind holes.
- 4 cm spring travel makes working with protruding stud bolts easy.

Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 460 055	5.5 mm	204.0 mm	110.0 mm	94 / 30 mm	1 PCS
0701 460 060	6 mm	204.0 mm	110.0 mm	94 / 30 mm	1 PCS
0701 460 070	7 mm	204.0 mm	110.0 mm	94 / 30 mm	1 PCS
0701 460 080	8 mm	211.0 mm	110.0 mm	101 / 33 mm	1 PCS
0701 460 100	10 mm	226.0 mm	125.0 mm	101 / 33 mm	1 PCS
0701 460 130	13 mm	231.0 mm	125.0 mm	106 / 36 mm	1 PCS









RECA ultra screwdriver sets

Product description:
- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Up to 30% more force transfer than conventional handles.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.

Advantages:
- Blade: matt chrome-plated, hexagon blade with torque adjustment. *(apart from TX and slotted size 3.0/3.5 - these are only available with circular blades) and **(apart from slotted 4.0, which is only available with hexagon blades).
- Tip: Black Tip for a precise fit. (apart from hexagon blades)








Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 460 001	ultra screwdriver set, hexagon head	AF in mm: 5.5/6/7/8/10/13	1 PCS
0701 500 501	ultra screwdriver set, PH and slotted	PH: 1/2. Slotted: 3.5 x 0.6/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2/8.0 x 1.2.	1 PCS
0701 500 502	ultra screwdriver set, PZ and slotted	PZ: 1/2. Slotted: 3.5 x 0.6/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2/8.0 x 1.2.	1 PCS
0701 500 503	ultra screwdriver set, TX	TX: 7/8/10/15/20/25/27.	1 PCS
0701 000 003	ultra screwdriver set, XXL with wall bracket	PH: 1/2/3. Slotted: 5.5 x 1.0/6.5 x 1.2/8.0 x 1.2. TX: 8/10/15/20/25/30. E-Slim VDE PH: 1/2. E-Slim VDE slotted: 3.5 x 0.6/4.0 x 0.8. Screwdriver with bit with magnetic ring.	1 PCS

RECA 2C screwdriver with striking cap, slotted

Advantages:

- Continuous hexagon blade and striking cap.
- Full power transfer from striking cap to blade.
- Integrated hexagonal torque adjustment for the application of box or open-end spanner to increase torque.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents screwdriver from rolling away.
- Blade: matt chrome-plated, continuous hexagon blade with striking cap and torque adjustment.
- Tip: Black Tip for a precise fit.






Art. No.	Slot width x slot length	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 114 509	0.8 x 4.5 mm	180.0 mm	90.0 mm	90 / 29 mm	1 PCS
0701 115 510	1.0 x 5.5 mm	189.0 mm	90.0 mm	99 / 34 mm	1 PCS
0701 117 012	1.2 x 6.5 mm	224.0 mm	125.0 mm	99 / 34 mm	1 PCS
0701 119 015	1.6 x 9.0 mm	270.0 mm	165.0 mm	105 / 38 mm	1 PCS
0701 111 017	1.6 x 10.0 mm	280.0 mm	175.0 mm	105 / 38 mm	1 PCS

RECA 2C screwdriver with striking cap, PH recessed head

Advantages:

- Continuous hexagon blade and striking cap.
- Full power transfer from striking cap to blade.
- Integrated hexagonal torque adjustment for the application of box or open-end spanner to increase torque.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents screwdriver from rolling away.
- Blade: matt chrome-plated, continuous hexagon blade with striking cap and torque adjustment.
- Tip: Black Tip for a precise fit.







Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 110 108	PH1	180.0 mm	90.0 mm	90 / 29 mm	1 PCS
0701 110 210	PH2	199.0 mm	100.0 mm	99 / 34 mm	1 PCS
0701 110 315	PH3	260.0 mm	155.0 mm	105 / 38 mm	1 PCS

RECA 2C screwdriver set with striking cap

Screwdriver set 8 pcs., 2-component handle

Product description:

- Continuous hexagon blade and striking cap.
- Full power transfer from striking cap to blade.
- Integrated hexagonal torque adjustment for the application of box or open-end spanners to increase torque.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents screwdriver from rolling away.
- Blade: matt chrome-plated, continuous hexagon blade with striking cap and torque adjustment.
- Tip: Black Tip for a precise fit.

Advice:
PH: 1/2/3
slotted: 4.5 x 0.8/5.5 x 1.0/6.5 x 1.2/9.0 x 1.6/10.0 x 1.6



Art. No.	Packaging unit (VPE)
0701 110	1 PCS

RECA 2C screwdriver with circular blade, slotted

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.



- Tip: Black Tip for a precise fit.

Art. No.	Slot width x slot length	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 433 080	0.5 x 3.0 mm	160.0 mm	80.0 mm	80 / 25 mm	1 PCS
0701 434 100	0.8 x 4.0 mm	190.0 mm	100.0 mm	90 / 29 mm	1 PCS
0701 435 125	1.0 x 5.5 mm	224.0 mm	125.0 mm	99 / 34 mm	1 PCS
0701 436 150	1.2 x 6.5 mm	249.0 mm	150.0 mm	99 / 34 mm	1 PCS
0701 438 175	1.2 x 8.0 mm	280.0 mm	175.0 mm	105 / 39 mm	1 PCS
0701 440 200	1.6 x 10.0 mm	305.0 mm	200.0 mm	105 / 39 mm	1 PCS

RECA 2C screwdriver with circular blade, PH recessed head

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.
- Tip: Black Tip for a precise fit.



Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 420 060	PH0	140.0 mm	60.0 mm	80 / 25 mm	1 PCS
0701 421 080	PH1	170.0 mm	80.0 mm	90 / 29 mm	1 PCS
0701 422 100	PH2	199.0 mm	100.0 mm	99 / 34 mm	1 PCS
0701 423 150	PH3	255.0 mm	150.0 mm	105 / 39 mm	1 PCS

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RECA 2C screwdriver with circular blade, PZ recessed head

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.
- Tip: Black Tip for a precise fit.



Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 411 080	PZ1	170.0 mm	80.0 mm	90 / 29 mm	1 PCS
0701 412 100	PZ2	199.0 mm	100.0 mm	99 / 34 mm	1 PCS
0701 413 150	PZ3	255.0 mm	150.0 mm	105 / 39 mm	1 PCS

RECA 2C screwdriver with short circular blade, slotted

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.
- Tip: Black Tip for a precise fit.



Length: 82.0 mm
Blade length: 25.0 mm
Handle length/handle width: 57 / 32 mm

Art. No.	Slot width x slot length	Packaging unit (VPE)
0701 435 025	1.0 x 5.5 mm	1 PCS
0701 436 025	1.2 x 6.5 mm	1 PCS

RECA 2C screwdriver with short circular blade, PH recessed head

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.
- Tip: Black Tip for a precise fit.



Length: 82.0 mm
Blade length: 25.0 mm
Handle length/handle width: 57 / 32 mm

Art. No.	Tip size	Packaging unit (VPE)
0701 421 025	PH1	1 PCS
0701 422 025	PH2	1 PCS

RECA 2C screwdriver sets

Product description:

- Circular blade.
- Drive symbol on handle cap.
- The molybdenum vanadium steel blades are tempered and particularly impact resistant to prevent splintering and injuries.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: matt chrome-plated, circular blade.
- Tip: Black Tip for a precise fit.





Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 448 7	2C screwdriver set, PH and slotted	PH: 1/2 slotted: 3.0 x 0.5/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2/8.0 x 1.2	1 PCS
0701 449 7	2C screwdriver set, PZ and slotted	PZ: 1/2 slotted: 3.0 x 0.5/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2/8.0 x 1.2	1 PCS

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RECA 2C screwdriver, VDE, slotted

Advantages:

- Circular blade.
- Drive symbol on handle cap.
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: Black Tip for a precise fit.



Art. No.	Slot width x slot length	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 220 025	0.4 x 2.5 mm	143.0 mm	75.0 mm	68 / 20 mm	1 PCS
0701 220 030	0.5 x 3.0 mm	168.0 mm	100.0 mm	68 / 20 mm	1 PCS
0701 220 035	0.6 x 3.5 mm	168.0 mm	100.0 mm	68 / 20 mm	1 PCS
0701 220 040	0.8 x 4.0 mm	180.0 mm	100.0 mm	80 / 25 mm	1 PCS
0701 220 055	1.0 x 5.5 mm	224.0 mm	125.0 mm	99 / 34 mm	1 PCS
0701 220 065	1.2 x 6.5 mm	249.0 mm	150.0 mm	99 / 34 mm	1 PCS
0701 220 080	1.2 x 8.0 mm	280.0 mm	175.0 mm	105 / 39 mm	1 PCS

RECA 2C screwdriver, VDE, PH recessed head

Advantages:
- Circular blade.
- Drive symbol on handle cap.
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: Black Tip for a precise fit.



Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 230 011	PH1	170.0 mm	80.0 mm	90 / 29 mm	1 PCS
0701 230 012	PH2	199.0 mm	100.0 mm	99 / 34 mm	1 PCS
0701 230 013	PH3	255.0 mm	150.0 mm	105 / 39 mm	1 PCS

RECA 2C screwdriver, VDE, PZ recessed head

Advantages:
- Circular blade.
- Drive symbol on handle cap.
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: Black Tip for a precise fit.



Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 240 011	PZ1	170.0 mm	80.0 mm	90 / 29 mm	1 PCS
0701 240 012	PZ2	199.0 mm	100.0 mm	99 / 34 mm	1 PCS
0701 240 013	PZ3	255.0 mm	150.0 mm	105 / 39 mm	1 PCS

RECA voltage tester VDE

Advantages:
- Robust ABS plastic handle.
- Blade insulation colourless and transparent.

Area of use
- 150 - 250 volt.
- 50 to 500 Hz.
- -10 to +50°C.



Advice:
Defective glow tubes cannot be replaced as per VDE.

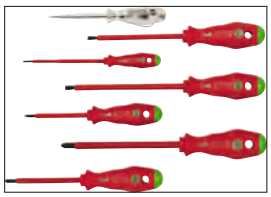
Slot width x slot length: 0.8 x 3.0 mm
Length: 140.0 mm
Blade length: 70.0 mm
Handle length/handle width: 70 / 25 mm

Art. No.	Packaging unit (VPE)
0701 280 030	1 PCS

RECA 2C screwdriver sets, VDE

Advantages:
- Circular blade.
- Drive symbol on handle cap.
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: Black Tip for a precise fit.





Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 291 7	2C screwdriver set, VDE PH and slotted	PH: 1/2. Slotted: 2.5 x 0.4/3.5 x 0.6/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2.	1 PCS
0701 290 7	2C screwdriver set, VDE PH and slotted, with voltage tester	PH: 1/2/3. Slotted: 3.0 x 0.5/5.5 x 1.0/6.5 x 1.2. Voltage tester.	1 PCS

RECA screwdriver with wooden handle, slotted

Advantages:
- Circular blade.
- Hexagonal torque adjustment.
- Leather cap in handle head for damping impacts.



Art. No.	Slot width x slot length	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 803 575	0.5 x 3.5 mm	170.0 mm	75.0 mm	95 / 22 mm	1 PCS
0701 804 590	0.8 x 4.5 mm	185.0 mm	90.0 mm	95 / 22 mm	1 PCS
0701 805 510	1.0 x 5.5 mm	200.0 mm	100.0 mm	100 / 24 mm	1 PCS
0701 807 125	1.2 x 6.5 mm	235.0 mm	125.0 mm	110 / 26 mm	1 PCS
0701 808 150	1.2 x 8.0 mm	270.0 mm	150.0 mm	120 / 30 mm	1 PCS
0701 810 175	1.6 x 10.0 mm	300.0 mm	175.0 mm	125 / 32 mm	1 PCS
0701 812 200	2.0 x 12.0 mm	330.0 mm	200.0 mm	130 / 33 mm	1 PCS
0701 814 250	2.5 x 14.0 mm	390.0 mm	250.0 mm	130 / 33 mm	1 PCS

RECA screwdriver with wooden handle, PZ recessed head

Advantages:
- Circular blade.
- Hexagonal torque adjustment.
- Leather cap in handle head for damping impacts.



Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0701 820 458	PH1	175.0 mm	80.0 mm	95 / 22 mm	1 PCS
0701 820 610	PH2	220.0 mm	100.0 mm	110 / 26 mm	1 PCS
0701 820 815	PH3	270.0 mm	150.0 mm	120 / 30 mm	1 PCS

RECA screwdriver set with wooden handle, 6 pcs.

Content remark: PH: 1/2.
Slot: 4.5 x 0.8/5.5 x 1.0/6.5 x 1.2/8.0 x 1.2.



Art. No.	Packaging unit (VPE)
0701 800	1 PCS

Screwdriver with extended blade, PH recessed head

Product description:
Blade: Chrome vanadium steel, fully hardened, bright nickel-plated.
Handles: Impact-resistant, chemical- and oil-resistant square handle.



Advantages:
- Extra-long blades for use in hard-to-reach areas.

Art. No.	Tip size	Length	Blade length	Handle length/handle width	Packaging unit (VPE)
0695 300 071	PH1	295.0 mm	200.0 mm	95 / 24 mm	1 PCS
0695 300 072	PH2	355.0 mm	250.0 mm	105 / 28 mm	1 PCS
0695 300 073	PH3	415.0 mm	300.0 mm	115 / 32 mm	1 PCS

Screwdriver with extended blade, slotted

Product description:
Blade: Chrome vanadium steel, fully hardened, bright nickel-plated.
Handles: Impact-resistant, chemical- and oil-resistant square handle.



Advantages:
- Extra-long blades for use in hard-to-reach areas.

Blade length: 300.0 mm

Art. No.	Slot width x slot length	Length	Handle length/handle width	Packaging unit (VPE)
0695 300 074	0.8 x 4.0 mm	385.0 mm	85 / 22 mm	1 PCS
0695 300 075	0.9 x 5.0 mm	395.0 mm	95 / 24 mm	1 PCS
0695 300 076	1.1 x 6.0 mm	405.0 mm	105 / 28 mm	1 PCS
0695 300 078	1.2 x 8.0 mm	415.0 mm	115 / 32 mm	1 PCS

RECA MULTI handle

Product description:
The new 2-component multi-handle with metal injection moulded element makes it easy to switch between screwdriver and T-handle configurations without changing the blade.











Art. No.	Packaging unit (VPE)
0701 999 1	1 PCS

RECA MULTI screwdriver blades

Advantages:

- Versatile and robust for workshop and assembly tasks.
- All blades in chrome molybdenum vanadium steel, size 6.35 mm (=1/4").
- Matt chrome-plated surface with black tips.
- Blade length 160 mm - can be used as an extended bit.
- Use in T-handle for maximum torque transfer.
- Can also be used as bit screwdriver thanks to the 1/4" system.

Advice:

TR* = Torx with hole



Art. No.	Type description	Packaging unit (VPE)
0701 998	reca 160 mm MULTI blade, bit holder with 1/4" magnet	1 PCS
0701 933 3	RECA MULTI blade, 160 mm, hexagon socket 3/hexagon socket 3 ball head	1 PCS
0701 933 4	RECA MULTI blade, 160 mm, hexagon socket 3/hexagon socket 4	1 PCS
0701 934 4	RECA MULTI blade, 160 mm, hexagon socket 4/hexagon socket 4 ball head	1 PCS
0701 935 5	RECA MULTI blade, 160 mm, hexagon socket 5/hexagon socket 5 ball head	1 PCS
0701 935 6	RECA MULTI blade, 160 mm, hexagon socket 5/hexagon socket 6	1 PCS
0701 936 6	RECA MULTI blade, 160 mm, hexagon socket 6/hexagon socket 6 ball head	1 PCS
0701 950 7	RECA MULTI blade, 160 mm, insert size 7	1 PCS
0701 950 8	RECA MULTI blade, 160 mm, insert size 8	1 PCS
0701 951 0	RECA MULTI blade, 160 mm, insert size 10	1 PCS
0701 951 3	RECA MULTI blade, 160 mm, insert size 13	1 PCS
0701 921 06	RECA MULTI blade, 160 mm, PH 1/slotted 4.0 x 0.8	1 PCS
0701 921 12	RECA MULTI blade, 160 mm, PH 1/slotted 7.0 x 1.2	1 PCS
0701 922 23	RECA MULTI blade, 160 mm, PH 2/PH 3	1 PCS
0701 911 08	RECA MULTI blade, 160 mm, PZ 1/slotted 5.0 x 0.8	1 PCS
0701 912 10	RECA MULTI blade, 160 mm, PZ 2/slotted 6.0 x 1.0	1 PCS
0701 913 12	RECA MULTI blade, 160 mm, PZ 3/slotted 7.0 x 1.2	1 PCS
0701 941 015	RECA MULTI blade, 160 mm, TR* 10/TR* 15	1 PCS
0701 942 025	RECA MULTI blade, 160 mm, TR* 20/TR* 25	1 PCS
0701 943 010	RECA MULTI blade, 160 mm, TR* 30/slotted 6.0 x 1.0	1 PCS
0701 943 040	RECA MULTI blade, 160 mm, TR* 30/TR* 40	1 PCS
0701 940 607	RECA MULTI blade, 160 mm, TX 6/TX 7	1 PCS
0701 940 809	RECA MULTI blade, 160 mm, TX 8/TX 9	1 PCS
0701 951 055	RECA MULTI blade, M-Tec, 115 mm, size 5.5	1 PCS
0701 951 06	RECA MULTI blade, M-Tec, 115 mm, size 6	1 PCS
0701 951 07	RECA MULTI blade, M-Tec, 115 mm, size 7	1 PCS
0701 951 08	RECA MULTI blade, M-Tec, 115 mm, size 8	1 PCS
0701 951 010	RECA MULTI blade, M-Tec, 135 mm, size 10	1 PCS
0701 951 013	RECA MULTI blade, M-Tec, 135 mm, size 13	1 PCS
0701 951 017	RECA MULTI blade, M-Tec, 160 mm, size 17	1 PCS



RECA MULTI screwdriver sets

Product description:
The new 2-component multi-handle with metal injection moulded element makes it easy to switch between screwdriver and T-handle configurations without changing the blade.

Advantages:
- Versatile and robust for workshop and assembly tasks.
- All blades in chrome molybdenum vanadium steel, size 6.35 mm (=1/4").
- Matt chrome-plated surface with black tips.
- Blade length 160 mm - can be used as an extended bit.
- Use in T-handle for maximum torque transfer.
- Can also be used as bit screwdriver thanks to the 1/4" system.

Advice:
TR* = Torx with hole











Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 900 000	Empty belt pouch for Multi	Spare empty belt pouch	1 PCS
0701 902 1	Multi-cassette screwdriver set, 12 pcs.	Interchangeable bits: PH 1/slotted 4.0 x 0.6 - PH 2/PH 3 - PZ 1/slotted 5.0 x 0.8 - PZ 2/slotted 6.0 x 1.0 - PZ 3/ slotted 7.0 x 1.2 - TR* 30/TR 40 - TR* 10/TR 15 - TR 20/TR 25 - HEX 3/HEX 3 ball head - HEX 4/HEX 4 ball head - HEX 5/HEX 5 ball head - HEX 6/HEX 6 ball head - MULTI handle	1 PCS
0701 901 1	Multi-mechanism cassette, screwdriver set, 12 pcs.	Interchangeable bits: AF 7 - AF 8 - AF 10 - AF 13 - HEX 3/ HEX 4 - HEX 5/HEX 6 - PH 2/PH 3 - PH 1/slotted 7.0 x 1.2 - TR* 30/slotted 6.0 x 1.0 - TR* 20/TR 25 - voltage tester - MULTI handle	1 PCS
0701 903 1	Multi-M-Tec cassette, screwdriver set, 20 pcs.	Interchangeable bits: AF 5.5 - AF 6 - AF 7 - AF 8 - AF 10 - AF 13 - AF 17 - bits: PH 1 - PH 2 - PZ 1 - PZ 2 - slotted 3.5 x 0.6 - slotted 5.0 x 0.8 - TX 15 - TX 20 - TX 25 - TX 30 - bit holder with magnet - magnetic extension - MULTI handle	1 PCS
0701 900 1	Universal multi screwdriver set, belt pouch, 9 pcs.	Replacement blades: PH 1/slotted 4.0 x 0.6 – PH 2 PH 3 – PZ 1/slotted 5.5 x 0.8 – PZ 2/slotted 6.0 x 1.0 – PZ 3/ slotted 7.0 x 1.2 – HEX socket 5/HEX socket 6 – TR* 20/25 – TR* 30/40. MULTI handle.	1 PCS

RECA MULTI handle, VDE

Product description:
2C quick-change handle for high working convenience.

Advantages:
- Individually tested in water bath at 10,000 volt in line with ISO 60900.

Handle length/handle width: 95 / 32 mm



Art. No.	Packaging unit (VPE)
0701 900 016	1 PCS

RECA MULTI screwdriver blades, VDE

Product description:
RECA VDE MULTI blade with rotating cap.

Advantages:
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.



Art. No.	Tip size	Slot width x slot length	Blade length	Packaging unit (VPE)
0701 900 002		0.4 x 2.5 mm	75.0 mm	1 PCS
0701 900 003		0.5 x 3.0 mm	100.0 mm	1 PCS
0701 900 004		0.6 x 3.5 mm	100.0 mm	1 PCS
0701 900 005		0.8 x 4.0 mm	100.0 mm	1 PCS
0701 900 006		1.0 x 5.5 mm	100.0 mm	1 PCS
0701 900 007		1.2 x 6.5 mm	100.0 mm	1 PCS
0701 900 008	PH1		80.0 mm	1 PCS
0701 900 009	PH2		100.0 mm	1 PCS
0701 900 014	PZ1 + slot		80.0 mm	1 PCS
0701 900 010	PZ2		100.0 mm	1 PCS
0701 900 015	PZ2 + slot		100.0 mm	1 PCS
0701 900 011	TX10		100.0 mm	1 PCS
0701 900 012	TX15		100.0 mm	1 PCS
0701 900 013	TX20		100.0 mm	1 PCS

RECA MULTI screwdriver set, VDE 19 pcs.

Product description:
2C quick-change handle for high working convenience. A pushbutton in the handle makes it quick and easy to change blades.
An automatic locking mechanism ensures the blade cannot be inadvertently removed.
A grip-friendly surface on the handle ensures the device is safe, accurate and comfortable to work with.
RECA VDE MULTI blades with rotating cap.
The attachable rotating cap and slip-proof soft grip zones makes it possible use the blades directly as a precision tool.



Advantages:
- Blade insulation is injection moulded directly on the blade and guarantees safe work up to 1000 volt.
- Each screwdriver individually tested in water bath at 10,000 volt in line with ISO 60900.

Advice:
Individually tested in water bath at 10,000 volt in line with ISO 60900.

Content remark: 2C quick-change handle
Rotating cap for use as precision tool.
Interchangeable bit, slotted 2.5 x 0.4/3.0 x 0.5/3.5 x 0.6/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2.
Interchangeable bit PH 1/PH 2.
Interchangeable bit PZ 2 interchangeable bit PZ 1 +/–, PZ 2 +/–.
Interchangeable bit TX 10/15/20.
2C heavy-duty side cutters, 180 mm, 2C long-nose pliers, offset 200 mm.
Voltage tester.













Art. No.	Packaging unit (VPE)
0701 900 001	1 PCS

RECA precision screwdriver, slotted

Product description:
RECA precision screwdriver set, 8-piece, in a handy textile tool roll
- Easy-to-turn, ergonomic cap
- Cross hole for hanging up tools
- Non-slip 2-component handle
- Handle with anti-roll protection



- Blades made of special chromium-molybdenum-vanadium alloy
- Best performance data – up to 100% above DIN
- Continuous, impact-resistant hardened core
- Colour-coded system using different cap colours: Black = slotted/White = PH/ Green = Torx

Length: 150 mm
Blade length: 60 mm









Art. No.	Slot width x slot length	Packaging unit (VPE)
0701 512 060	0.4 x 2.0 mm	1 PCS
0701 512 560	0.4 x 2.5 mm	1 PCS
0701 513 060	0.5 x 3.0 mm	1 PCS

RECA precision screwdriver, PH recessed head

Product description:
RECA precision screwdriver set, 8-piece, in a handy textile tool roll
- Easy-to-turn, ergonomic cap
- Cross hole for hanging up tools
- Non-slip 2-component handle
- Handle with anti-roll protection
- Blades made of special chromium-molybdenum-vanadium alloy
- Best performance data – up to 100% above DIN
- Continuous, impact-resistant hardened core
- Colour-coded system using different cap colours: Black = slotted/White = PH/ Green = Torx

Length: 150 mm
Blade length: 60 mm











Art. No.	Tip size	Packaging unit (VPE)
0701 520 160	PH0	1 PCS
0701 520 060	PH00	1 PCS

RECA precision screwdriver TX

Product description:
RECA precision screwdriver set, 8-piece, in a handy textile tool roll
- Easy-to-turn, ergonomic cap
- Cross hole for hanging up tools
- Non-slip 2-component handle
- Handle with anti-roll protection
- Blades made of special chromium-molybdenum-vanadium alloy
- Best performance data – up to 100% above DIN
- Continuous, impact-resistant hardened core
- Colour-coded system using different cap colours: Black = slotted/White = PH/ Green = Torx

Length: 150 mm
Blade length: 60 mm











Art. No.	Packaging unit (VPE)
0701 530 460	1 PCS
0701 530 560	1 PCS
0701 530 660	1 PCS

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RECA precision screwdriver set

Product description:
RECA precision screwdriver set, 8-piece, in a handy textile tool roll
- Easy-to-turn, ergonomic cap
- Cross hole for hanging up tools
- Non-slip 2-component handle
- Handle with anti-roll protection
- Blades made of special chromium-molybdenum-vanadium alloy
- Best performance data – up to 100% above DIN
- Continuous, impact-resistant hardened core
- Colour-coded system using different cap colours: Black = slotted/White = PH/ Green = Torx

Content remark: Slotted 2.0/2.5/3.0 x 60
PH 00/0 x 60
Torx 4/5/6 x 60
Length: 150 mm



Blade length: 60 mm







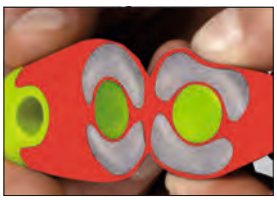


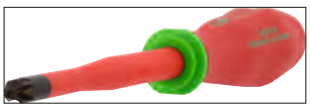
Art. No.	Packaging unit (VPE)
0701 510 008	1 PCS

RECA ultra E-Slim VDE – slotted

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with electricians and are thinner and longer. They can therefore be used as precision screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.









Advantages:
- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Slot width x slot length	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 505 130	0.5 x 3.0 mm	205 mm	100 mm	25 x 105 mm	1 PCS
0701 505 135	0.6 x 3.5 mm	205 mm	100 mm	25 x 105 mm	1 PCS
0701 505 140	0.8 x 4.0 mm	205 mm	100 mm	25 x 105 mm	1 PCS
0701 505 145	1.0 x 4.5 mm	240 mm	125 mm	27 x 115 mm	1 PCS
0701 505 155	1.0 x 5.5 mm	240 mm	125 mm	27 x 115 mm	1 PCS

Art. No.	Slot width x slot length	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 505 165	1.2 x 6.5 mm	240 mm	125 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – PH recessed head

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with electricians and are thinner and longer. They can therefore be used as precision screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.









Advantages:
- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Tip size	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 503 150	PH1	185 mm	80 mm	25 x 105 mm	1 PCS
0701 503 160	PH2	215 mm	100 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – PZ recessed head

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with electricians and are thinner and longer. They can therefore be used as precision



screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.





Advantages:



- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Tip size	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 502 150	PZ1	185 mm	80 mm	25 x 105 mm	1 PCS
0701 502 160	PZ2	215 mm	100 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – TX

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with electricians and are thinner and longer. They can therefore be used as precision screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.







Advantages:



- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Tip size	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 508 110	TX10	205 mm	100 mm	25 x 105 mm	1 PCS
0701 508 115	TX15	205 mm	100 mm	25 x 105 mm	1 PCS
0701 508 120	TX20	240 mm	125 mm	27 x 115 mm	1 PCS
0701 508 125	TX25	240 mm	125 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – PlusMinus H

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
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- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 503 180	80 mm	25 x 105 mm	1 PCS
0701 503 190	100 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – PlusMinus Z

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with



electricians and are thinner and longer. They can therefore be used as precision screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.









Advantages:
- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.

Art. No.	Length	Blade length	Handle width x handle length	Packaging unit (VPE)
0701 502 180	185 mm	80 mm	25 x 105 mm	1 PCS
0701 502 190	215 mm	100 mm	27 x 115 mm	1 PCS

RECA ultra E-Slim VDE – sets

Product description:
For many electricians, conventional screwdriver handles are too thick. Only occasionally do rusted or seized-up screws have to be removed. Often, however, hard-to-reach screwed connections have to be accessed in confined working areas.
The RECA ultra E-Slim VDE screwdriver handles were developed together with electricians and are thinner and longer. They can therefore be used as precision screwdrivers.
The ultra handle (with embedded chambers made from flexible plastic) enables fast and effortless work. The output symbol and size is stamped on the handle head. As a result, the size is immediately visible even if the screwdrivers are in the tool case or a trouser pocket.
The blades are made from durable special steels (chromium-vanadium-molybdenum alloy) and are up to 50% thinner, as the insulation is integrated. This requires a more complex process than with conventional VDE blades. Thanks to the narrower blade, even hard-to-reach places can be accessed.

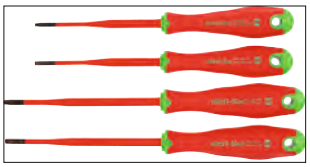


Advantages:

- Flexible plastic chambers embedded in the handle ensure a perfect fit in any hand.
- Handle up to 30% thinner than conventional handles
- Circular blade up to 50% thinner.
- Drive symbol and size on handle head.
- Blade insulation is injection-moulded directly onto the blade and guarantees safe work up to 1000 V.
- Each screwdriver individually tested in water bath at 10,000 V in line with ISO 60900.
- Handles: Anti-roll protection in handle head prevents the screwdriver from rolling away, cross hole for hanging up tool or inserting a lever.
- Blade: Circular blade, insulated.
- Tip: „Black Tip" for a precise fit.









Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 500 507	ultra E-Slim VDE screwdriver set TX	TX: 10/15/20/25	1 PCS
0701 500 506	ultra E-Slim VDE screwdriver set, PH and slotted	PH: 1/2 Slotted: 3.0 x 0.5/3.5 x 0.6/4.0 x 0.8/5.5 x 1.0/6.5 x 1.2	1 PCS

RECA combination wrench, angled

Product description:

Metric, according to DIN 3113A/ISO 3318/7738
Same width across flats
Geometry: Jaw angle 15°, ring side 15° angled
Surface: matt satin
Material: Chromium-vanadium steel



Advantages:

- Width across flats stamped extra large, for faster location of the correct wrench!









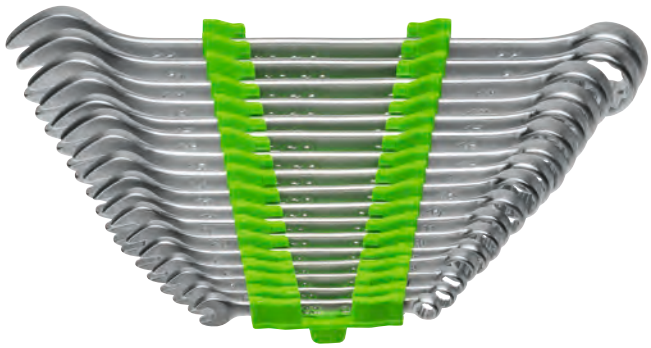
Art. No.	Width across flats	Length	Width of jaws (outside)	External diameter of ring	Thickness	Ring height	Weight	Packaging unit (VPE)
0700 101 055	5.5 mm	90 mm	14.2 mm	10.0 mm	3.4 mm	5.1 mm	10 g	1 PCS
0700 101 106	6 mm	100 mm	14.2 mm	10.0 mm	3.4 mm	5.1 mm	20 g	1 PCS
0700 101 107	7 mm	110 mm	16.2 mm	11.2 mm	3.6 mm	5.5 mm	20 g	1 PCS
0700 101 108	8 mm	120 mm	18.2 mm	12.8 mm	3.8 mm	5.9 mm	20 g	1 PCS
0700 101 109	9 mm	130 mm	20.2 mm	14.3 mm	4.0 mm	6.3 mm	25 g	1 PCS
0700 101 110	10 mm	140 mm	22.1 mm	15.4 mm	4.3 mm	6.9 mm	30 g	1 PCS
0700 101 111	11 mm	150 mm	24.1 mm	16.9 mm	4.5 mm	7.3 mm	50 g	1 PCS
0700 101 112	12 mm	160 mm	26.1 mm	18.3 mm	4.9 mm	7.7 mm	50 g	1 PCS

Art. No.	Width across flats	Length	Width of jaws (outside)	External diameter of ring	Thickness	Ring height	Weight	Packaging unit (VPE)
0700 101 113	13 mm	170 mm	28.1 mm	19.6 mm	5.2 mm	7.9 mm	65 g	1 PCS
0700 101 114	14 mm	180 mm	30.1 mm	21.4 mm	5.5 mm	8.7 mm	65 g	1 PCS
0700 101 115	15 mm	190 mm	32.1 mm	22.7 mm	5.8 mm	9.1 mm	95 g	1 PCS
0700 101 116	16 mm	200 mm	34.1 mm	24.1 mm	6.1 mm	9.6 mm	100 g	1 PCS
0700 101 117	17 mm	210 mm	36.1 mm	25.6 mm	6.4 mm	9.8 mm	120 g	1 PCS
0700 101 118	18 mm	220 mm	38.0 mm	27.2 mm	6.8 mm	10.4 mm	135 g	1 PCS
0700 101 119	19 mm	232 mm	40.0 mm	28.6 mm	7.0 mm	11.0 mm	160 g	1 PCS
0700 101 121	21 mm	250 mm	44.0 mm	31.5 mm	7.4 mm	12.0 mm	205 g	1 PCS
0700 101 122	22 mm	260 mm	46.0 mm	33.0 mm	8.2 mm	12.6 mm	235 g	1 PCS
0700 101 124	24 mm	280 mm	50.0 mm	36.5 mm	8.5 mm	13.6 mm	305 g	1 PCS
0700 101 127	27 mm	310 mm	56.0 mm	41.4 mm	9.3 mm	15.0 mm	385 g	1 PCS
0700 101 130	30 mm	340 mm	61.7 mm	44.0 mm	10.3 mm	16.0 mm	505 g	1 PCS
0700 101 132	32 mm	370 mm	65.7 mm	47.0 mm	10.5 mm	16.2 mm	610 g	1 PCS
0700 101 136	36 mm	440 mm	76.2 mm	53.0 mm	12.2 mm	17.7 mm	915 g	1 PCS
0700 101 141	41 mm	480 mm	87.0 mm	60.8 mm	13.5 mm	19.7 mm	1255 g	1 PCS
0700 101 146	46 mm	505 mm	95.0 mm	67.7 mm	14.7 mm	20.7 mm	1645 g	1 PCS

RECA combination wrench sets angled

Product description:
Combination wrench sets, metric according to DIN 3113A/ISO 3318/7738
Same width across flats
Geometry: Jaw angle 15°, ring side 15° angled
Surface: matt chrome-plated
Material: Chromium-vanadium steel

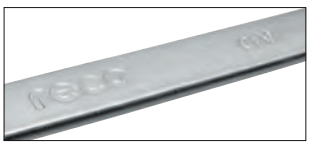
Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!













Art. No.	Number of pieces in assortment/set	Content remark	Width across flats	Included in delivery (Lieferumfang)	Packaging unit (VPE)
0700 101 202	5 PCS	Sizes 8 / 10 / 13 / 17 / 19 mm	8 mm, 10 mm, 13 mm, 17 mm, 19 mm		1 PCS
0700 101 201	12 PCS	Sizes 6 / 8 / 10 / 12 / 13 / 14 / 16 / 17 / 18 / 19 / 22 / 24 mm	6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 16 mm, 17 mm, 18 mm, 19 mm, 22 mm, 24 mm	Supplied in a tool roll.	1 PCS
0700 101 204	12 PCS	Sizes 8 / 10 / 13 / 16 / 17 / 18 / 19 / 22 / 24 / 27 / 30 / 32 mm	8 mm, 10 mm, 13 mm, 16 mm, 17 mm, 18 mm, 19 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm	Supplied in a plastic holder.	1 PCS
0700 101 203	17 PCS	Sizes 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / 18 / 19 / 21 / 22 mm	5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 21 mm, 22 mm	Supplied in a plastic holder.	1 PCS

RECA combination wrench XL angled, long version

Product description:
Extra-long version XL, metric
According to DIN 3113A/ISO 3318/7738
Same width across flats
Geometry: Jaw angle 15°, ring side 15° angled
Surface: matt chrome-plated
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!









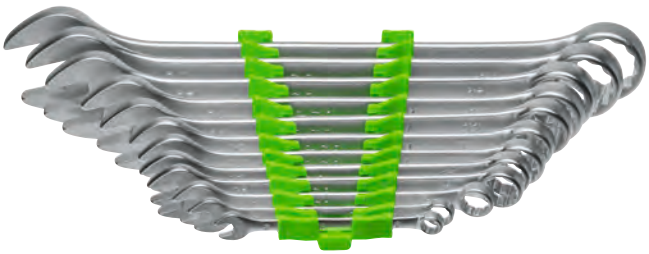


Art. No.	Width across flats	Length	Packaging unit (VPE)
0700 104 108	8 mm	170 mm	1 PCS
0700 104 110	10 mm	190 mm	1 PCS
0700 104 113	13 mm	225 mm	1 PCS
0700 104 116	16 mm	265 mm	1 PCS
0700 104 117	17 mm	280 mm	1 PCS
0700 104 119	19 mm	310 mm	1 PCS
0700 104 122	22 mm	350 mm	1 PCS
0700 104 124	24 mm	400 mm	1 PCS
0700 104 127	27 mm	450 mm	1 PCS
0700 104 130	30 mm	480 mm	1 PCS
0700 104 132	32 mm	500 mm	1 PCS
0700 104 136	36 mm	550 mm	1 PCS

RECA combination wrench set XL, long version

Product description:
Extra-long version, metric
According to DIN 3113A/ISO 3318/7738
Same width across flats
Geometry: Jaw angle 15°, ring side 15° angled
Surface: matt chrome-plated
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!



Number of pieces in assortment/set: 11 PCS
Content remark: Sizes 8 / 10 / 13 / 16 / 17 / 19 / 22 / 24 / 27 / 30 / 32 mm
Width across flats: 8 mm, 10 mm, 13 mm, 16 mm, 17 mm, 19 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm











Art. No.	Packaging unit (VPE)
0700 104 201	1 PCS

RECA double open-end wrench

Product description:
Metric, according to DIN 3110/ISO 3318
Geometry: Jaw angle 15° angled
Surface: matt satin
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!







Art. No.	Width across flats	Length	External dimension of wrench head	External dimension of wrench head 2	Thickness	Weight	Packaging unit (VPE)
0700 103 001	5 x 5.5 mm	125.0 mm	14.2 mm	16.2 mm	3.5 mm	20 g	1 PCS
0700 103 002	6 x 7 mm	125.0 mm	14.2 mm	16.2 mm	3.5 mm	20 g	1 PCS
0700 103 003	8 x 9 mm	140.0 mm	18.2 mm	20.2 mm	4.0 mm	35 g	1 PCS
0700 103 004	8 x 10 mm	140.0 mm	18.2 mm	22.1 mm	4.0 mm	35 g	1 PCS
0700 103 005	10 x 11 mm	155.0 mm	22.1 mm	24.1 mm	4.5 mm	45 g	1 PCS
0700 103 007	10 x 13 mm	162.0 mm	22.1 mm	28.1 mm	4.7 mm	60 g	1 PCS
0700 103 008	12 x 14 mm	172.0 mm	26.1 mm	30.1 mm	5.0 mm	70 g	1 PCS
0700 103 010	13 x 15 mm	188.0 mm	30.1 mm	32.1 mm	5.5 mm	85 g	1 PCS
0700 103 011	13 x 17 mm	205.0 mm	28.1 mm	36.0 mm	6.2 mm	105 g	1 PCS
0700 103 012	15 x 16 mm	205.0 mm	34.1 mm	36.0 mm	6.2 mm	115 g	1 PCS
0700 103 013	16 x 18 mm	220.0 mm	36.0 mm	39.9 mm	7.0 mm	150 g	1 PCS
0700 103 014	17 x 19 mm	220.0 mm	36.0 mm	39.9 mm	7.0 mm	140 g	1 PCS
0700 103 015	18 x 21 mm	235.0 mm	39.9 mm	46.0 mm	7.5 mm	195 g	1 PCS
0700 103 016	19 x 22 mm	235.0 mm	39.9 mm	46.0 mm	7.5 mm	190 g	1 PCS
0700 103 017	20 x 22 mm	235.0 mm	42.1 mm	46.0 mm	7.5 mm	205 g	1 PCS
0700 103 018	22 x 24 mm	248.0 mm	46.0 mm	50.0 mm	8.3 mm	260 g	1 PCS
0700 103 019	24 x 27 mm	265.0 mm	50.0 mm	56.0 mm	8.8 mm	320 g	1 PCS
0700 103 020	30 x 32 mm	300.0 mm	61.7 mm	65.7 mm	9.8 mm	460 g	1 PCS
0700 103 021	34 x 36 mm	330.0 mm	71.0 mm	76.0 mm	10.4 mm	720 g	1 PCS
0700 103 022	36 x 41 mm	360.0 mm	76.0 mm	87.0 mm	12.0 mm	1010 g	1 PCS
0700 103 023	41 x 46 mm	400.0 mm	87.0 mm	98.0 mm	12.5 mm	1340 g	1 PCS

RECA double open-end wrench sets

Product description:
Double open-end wrench sets metric, according to DIN 3110/ISO 3318
Geometry: Jaw angle 15° angled
Surface: matt satin
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!

Number of pieces in assortment/set: 12 PCS









Art. No.	Content remark	Width across flats	Included in delivery (Lieferumfang)	Packaging unit (VPE)
0700 103 202	Sizes 5x5.5 / 6x7 / 8x9 / 10x11 / 10x13 / 12x14 / 13x15 / 16x18 / 17x19 / 18x21 / 19x22 / 20x22 mm	5 x 5.5 mm, 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 10 x 13 mm, 12 x 14 mm, 13 x 15 mm, 16 x 18 mm, 17 x 19 mm, 18 x 21 mm, 19 x 22 mm, 20 x 22 mm	Supplied in a plastic holder.	1 PCS
0700 103 201	Sizes 5x5.5 / 6x7 / 8x9 / 10x13 / 12x14 / 13x17 / 15x16 / 16x18 / 17x19 / 18x21 / 19x22 / 24x27 mm	5 x 5.5 mm, 6 x 7 mm, 8 x 9 mm, 10 x 13 mm, 12 x 14 mm, 13 x 17 mm, 15 x 16 mm, 16 x 18 mm, 17 x 19 mm, 18 x 21 mm, 19 x 22 mm, 24 x 27 mm	Supplied in a tool roll.	1 PCS
0700 103 203	Sizes 6x7 / 8x10 / 10x13 / 12x14 / 13x17 / 15x16 / 17x19 / 18x21 / 19x22 / 22x24 / 24x27 / 30x32 mm	6 x 7 mm, 8 x 10 mm, 10 x 13 mm, 12 x 14 mm, 13 x 17 mm, 15 x 16 mm, 17 x 19 mm, 18 x 21 mm, 19 x 22 mm, 22 x 24 mm, 24 x 27 mm, 30 x 32 mm	Supplied in a plastic holder.	1 PCS

RECA double-end box wrench depressed centre

Product description:
Metric, according to DIN 838/ISO 3318
Geometry: Ring end offset 18°
Surface: matt satin
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!





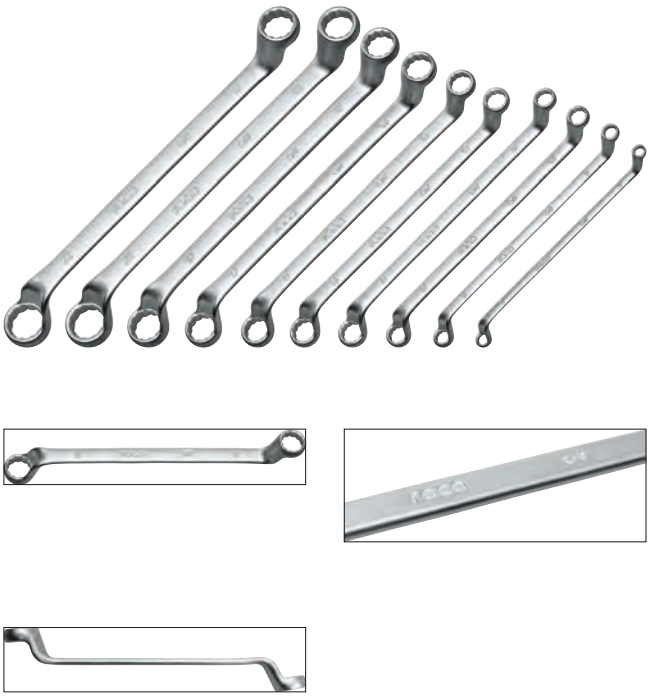


Art. No.	Width across flats	Length	External diameter of ring	External diameter of ring 2	Ring height	Ring height 2	Weight	Packaging unit (VPE)
0700 102 101	6 x 7 mm	176.0 mm	10.0 mm	11.5 mm	5.6 mm	6.0 mm	60 g	1 PCS
0700 102 102	8 x 9 mm	190.5 mm	12.9 mm	14.3 mm	6.4 mm	6.8 mm	60 g	1 PCS
0700 102 103	8 x 10 mm	190.5 mm	12.9 mm	15.7 mm	6.4 mm	7.3 mm	60 g	1 PCS
0700 102 105	10 x 11 mm	206.0 mm	15.7 mm	17.0 mm	7.3 mm	7.6 mm	65 g	1 PCS
0700 102 106	10 x 13 mm	220.5 mm	15.7 mm	20.0 mm	7.3 mm	9.0 mm	105 g	1 PCS
0700 102 107	12 x 14 mm	220.5 mm	18.7 mm	23.0 mm	8.5 mm	9.5 mm	115 g	1 PCS
0700 102 108	13 x 15 mm	236.0 mm	20.0 mm	23.0 mm	9.0 mm	10.0 mm	135 g	1 PCS
0700 102 111	16 x 17 mm	250.0 mm	24.8 mm	26.4 mm	10.8 mm	11.5 mm	180 g	1 PCS
0700 102 112	17 x 19 mm	271.0 mm	26.4 mm	29.0 mm	11.5 mm	12.5 mm	235 g	1 PCS
0700 102 113	18 x 21 mm	291.0 mm	29.0 mm	33.0 mm	12.5 mm	13.5 mm	290 g	1 PCS
0700 102 114	19 x 22 mm	291.0 mm	29.0 mm	33.0 mm	12.5 mm	13.5 mm	295 g	1 PCS
0700 102 115	22 x 24 mm	321.0 mm	33.0 mm	36.3 mm	13.5 mm	14.2 mm	365 g	1 PCS
0700 102 116	24 x 27 mm	331.0 mm	36.3 mm	40.7 mm	14.2 mm	15.2 mm	450 g	1 PCS
0700 102 117	30 x 32 mm	371.0 mm	45.0 mm	47.8 mm	16.4 mm	16.7 mm	650 g	1 PCS
0700 102 118	34 x 36 mm	420.5 mm	50.0 mm	53.0 mm	17.1 mm	17.5 mm	890 g	1 PCS

RECA double open-end wrench sets depressed centre

Product description:
Double-end box wrench sets metric, according to DIN 838/ISO 3318
Geometry: Ring end offset 18°
Surface: matt satin
Material: Chromium-vanadium steel

Advantages:
- Width across flats stamped extra large, for faster location of the correct wrench!



Art. No.	Number of pieces in assortment/ set	Content remark	Width across flats	Packaging unit (VPE)
0700 102 202	8 PCS	Sizes 8x10 / 10x13 / 16x17 / 17x19 / 22x24 / 24x27 / 30x32 / 34x36 mm	8 x 10 mm, 10 x 13 mm, 16 x 17 mm, 17 x 19 mm, 22 x 24 mm, 24 x 27 mm, 30 x 32 mm, 34 x 36 mm	1 PCS
0700 102 201	10 PCS	Sizes 6x7 / 8x9 / 10x11 / 10x13 / 12x14 / 13x15 / 16x17 / 17x19 / 18x21 / 19x22 mm	6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 10 x 13 mm, 12 x 14 mm, 13 x 15 mm, 16 x 17 mm, 17 x 19 mm, 18 x 21 mm, 19 x 22 mm	1 PCS

RECA double ring wrench DIN 3118, open

Product description:
(Union nut wrench) bi-hexagonal, both heads angled and highly polished
15° offset heads
Design: Bright nickel-plated and chrome-plated
Material: Vanadium extra



Art. No.	Min./max. width across flats	Length	Packaging unit (VPE)
0695 100 241	10-11 mm	125.0 mm	1 PCS
0695 100 242	12-13 mm	135.0 mm	1 PCS
0695 100 244	14-17 mm	160.0 mm	1 PCS
0695 100 245	17-19 mm	180.0 mm	1 PCS
0695 100 246	19-22 mm	210.0 mm	1 PCS
0695 100 247	22-24 mm	240.0 mm	1 PCS
0695 100 248	24-27 mm	240.0 mm	1 PCS
0695 100 249	30-32 mm	280.0 mm	1 PCS

RECA 2C adjustable wrench

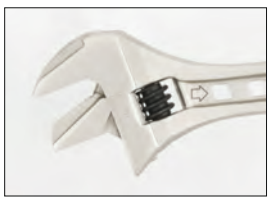
Product description:
Exactly parallel-running jaws

Advantages:
- The new TITANIUM CHROME surface protects the wrench reliably from corrosion and a unique look.
- Modern 2-component handle sits firmly in the hand.
- The adjustable jaw can be reversed on sizes 10" (250 mm) and 12" (300 mm): One side has a smooth surface for a firm grip without scratching on sensitive surfaces! The other side is ribbed for a secure grip.











Art. No.	Min./max. clamping width	Length	Packaging unit (VPE)
0700 301 460	0-55 mm	450.0 mm	1 PCS
0700 301 300	0-34 mm	300.0 mm	1 PCS
0700 301 250	0-29 mm	250.0 mm	1 PCS
0700 301 200	0-24 mm	200.0 mm	1 PCS
0700 301 160	0-19 mm	160.0 mm	1 PCS

RECA 2C adjustable wrench, large span

Product description:
Exactly parallel-running jaws

Advantages:
- The new TITANIUM CHROME surface protects the wrench reliably from corrosion and a unique look.
- Modern 2-component handle sits firmly in the hand.



Art. No.	Min./max. clamping width (SW min-max)	Length (L)	Packaging unit (VPE)
0700 301 201	0-41 mm	200.0 mm	1 PCS
0700 301 161	0-35 mm	160.0 mm	1 PCS

RECA empty tool bag for 10 parts

Product description:
High-quality, hard-wearing textile
Two metal eyelets for hanging
Robust safety closures
Comfortable handle

Suitable for:
RECA ultra combination spanners up to size 22.
RECA double ring wrenches up to size 16.
RECA double open-end wrenches up to size 24 x 27.
RECA combination spanners up to size 24.



RECA tool roll, empty

Product description:
Textile tool roll, empty with 12 tool compartments for double open-end and combination wrenches.
A cover with two press studs on the inside of the roll stops the wrenches from falling out.
Two Velcro fastenings keep the roll rolled together.

Suitable for: Max. 12 wrenches
Width: 500 mm
Height: 345 mm
Material: Textile
Weight: 205 g



Art. No.	Packaging unit (VPE)
0700 101 221	1 PCS

RECA plastic holder for combination and double open-end wrenches

Product description:
The RECA plastic holder is ideal for storing combination and double open-end wrenches.
Thanks to the two Euroloch bore holes, the holder can also be fixed to a wall and easily removed again.
The high clamping force of the ridges ensures that no wrenches fall out.



Art. No.	Suitable for	Weight	Packaging unit (VPE)
0700 103 222	Max. 12 wrenches	45 g	1 PCS

Art. No.	Suitable for	Weight	Packaging unit (VPE)
0700 103 223	Max. 12 wrenches	49 g	1 PCS
0700 101 224	Max. 12 wrenches	70 g	1 PCS
0700 101 223	Max. 17 wrenches	64 g	1 PCS

RECA combination ratchet spanner, Varius, straight

Product description:
RECA Varius wrenches provide all the advantages of a ratchet tool and much more besides!
All RECA Varius wrenches feature fine toothing — the 72 teeth allow a swivelling angle of only 5° (a coarsely toothed ratchet requires 10°, a standard combination spanner at least 30°!). You simply need much less space to work in!
The slim ring side enables working in the tightest spaces too small for ratchet tools and sockets.
Torque values even exceed DIN standard 3110 for standard combination wrenches (no ratchet function).
As with all RECA tools, the ring side of Varius wrenches grips the faces instead of the sides of screws and nuts. This prevents slipping or jumping!
Extra accessories convert the RECA Varius into a real ratchet for sockets or bits within seconds!



Advice:
This special tool may only be loaded to the maximum torque values. For this reason, the wrenches (ring side) are only suitable for loosening screws in certain circumstances.

Version (Ausführung): Straight

Art. No.	Width across flats (Schlüsselweite)	Length (Länge)	Product weight (per item)	Height (Höhe)	Packaging unit (VPE)
0700 305 08	8 mm	144.0 mm	38 g	6.5 mm	1 PCS
0700 305 10	10 mm	158.0 mm	64 g	7.3 mm	1 PCS
0700 305 12	12 mm	173.0 mm	88 g	8.2 mm	1 PCS
0700 305 13	13 mm	183.0 mm	98 g	8.6 mm	1 PCS
0700 305 14	14 mm	190.0 mm	105 g	9.0 mm	1 PCS
0700 305 15	15 mm	200.0 mm	125 g	9.5 mm	1 PCS
0700 305 16	16 mm	207.0 mm	155 g	10.0 mm	1 PCS
0700 305 17	17 mm	225.0 mm	160 g	10.3 mm	1 PCS
0700 305 18	18 mm	240.0 mm	200 g	11.5 mm	1 PCS
0700 305 19	19 mm	250.0 mm	235 g	11.2 mm	1 PCS
0700 305 22	22 mm	278.0 mm	381 g	10.3 mm	1 PCS
0700 305 24	24 mm	301.0 mm	500 g	13.4 mm	1 PCS
0700 305 27	27 mm	304.0 mm	601 g	14.9 mm	1 PCS

RECA combination ratchet spanner, Varius, reversible, angled

Product description:
15° angling for improved freedom of movement
The reverse function does not affect the slim Varius head
The low height of the slim ratchet tool head is not impaired by the slim reverse lever



RECA Varius wrenches provide all the advantages of a ratchet tool and much

more besides!
All RECA Varius wrenches feature fine toothing — the 72 teeth allow a swivelling angle of only 5° (a coarsely toothed ratchet requires 10°, a standard combination spanner at least 30°!). You simply need much less space to work in!
The slim ring side enables working in the tightest spaces too small for ratchet tools and sockets.
Torque values even exceed DIN standard 3110 for standard combination wrenches (no ratchet function).
As with all RECA tools, the ring side of Varius wrenches grips the faces instead of the sides of screws and nuts. This prevents slipping or jumping!
Extra accessories convert the RECA Varius into a real ratchet for sockets or bits within seconds!





Advice:
This special tool may only be loaded to the maximum torque values. For this reason, the wrenches (ring side) are only suitable for loosening screws in certain circumstances.

Version: Offset, Switchable

Art. No.	Width across flats	Length	Product weight (per item)	Height	Packaging unit (VPE)
0700 315 08	8 mm	140.0 mm	38 g	6.5 mm	1 PCS
0700 315 10	10 mm	158.0 mm	64 g	7.3 mm	1 PCS
0700 315 12	12 mm	173.0 mm	88 g	8.2 mm	1 PCS
0700 315 13	13 mm	178.0 mm	98 g	8.6 mm	1 PCS
0700 315 17	17 mm	230.0 mm	174 g	10.3 mm	1 PCS
0700 315 19	19 mm	250.0 mm	235 g	11.2 mm	1 PCS

RECA adapter for Varius combination ratchet spanner

Product description:
Using the adapter transforms the Varius wrench into a ratchet.
The square-head adapters for socket wrenches are equipped with an eject button (to ensure the socket wrench is held securely).









Art. No.	Content remark	Type description	Packaging unit (VPE)
0700 399 014		RECA Varius adapter size 10 to 1/4 inch bits	1 PCS
0700 399 10		RECA Varius adapter size 10 to 1/4 inch sockets	1 PCS
0700 399 13		RECA Varius adapter size 13 to 3/8 inch sockets	1 PCS
0700 399 19		RECA Varius adapter size 19 to 1/2 inch sockets	1 PCS
0700 399 004	RECA Varius adapter size 10 to 1/4 inch bits/size 10 to 1/4 inch sockets/size 13 to 3/8 inch sockets/size 19 to 1/2 inch sockets.	RECA Varius adapter set, 4 pcs.	1 PCS

RECA combination ratchet spanner sets, Varius

Product description:
RECA Varius wrenches provide all the advantages of a ratchet tool and much more besides!
All RECA Varius wrenches feature fine toothing — the 72 teeth allow a swivelling angle of only 5° (a coarsely toothed ratchet requires 10°, a standard combination spanner at least 30°!). You simply need much less space to work in!
The slim ring side enables working in the tightest spaces too small for ratchet tools and sockets.
Torque values even exceed DIN standard 3110 for standard combination wrenches (no ratchet function).
As with all RECA tools, the ring side of Varius wrenches grips the faces instead of the sides of screws and nuts. This prevents slipping or jumping!
Extra accessories convert the RECA Varius into a real ratchet for sockets or bits within seconds!



RECA Varius Plus combination ratchet spanner

Product description:
The jaw end is equipped with an innovative ratchet mechanism and is angled at 15°. This allows the jaw end to be used as a „ratchet tool" too.
The wrenches are straight in design and produced from chromium vanadium steel. The surface has a fine satin finish. The ring end has precisely 72 teeth and has a slim design, which permits working in the tightest spaces too small for ratchet tools and sockets.

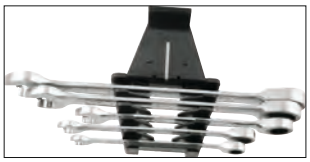


Advantages:
- RECA Varius wrenches provide all the advantages of a ratchet tool and much more besides!

- All RECA Varius wrenches feature fine toothing — the 72 teeth allow a swivelling angle of only 5° (a coarsely toothed ratchet requires 10°, a standard combination spanner at least 30°!). You simply need much less space to work in!
- The slim ring side enables working in the tightest spaces, even those too small for ratchet tools and sockets.
- Torque values even exceed DIN standard 3110 for standard combination wrenches (no ratchet function).
- As with all RECA tools, the ring side of Varius wrenches grips the faces instead of the sides of screws and nuts. This prevents slipping or jumping!
- Extra accessories convert the RECA Varius into a real ratchet for sockets or bits within seconds!

Version: Straight

Art. No.	Width across flats	Length	Width of jaws (outside)	Thickness of jaw	Ring width	Ring thickness	Max. torque open side	Max. torque ring side	Packaging unit (VPE)
0700 335 008	8 mm	140.0 mm	16.2 mm	4.1 mm	16.4 mm	6.5 mm	15.0	36.0	1 PCS
0700 335 010	10 mm	159.0 mm	20.0 mm	4.8 mm	20.0 mm	7.3 mm	31.1	85.2	1 PCS
0700 335 013	13 mm	178.0 mm	24.5 mm	5.9 mm	24.5 mm	8.6 mm	62.1	138.0	1 PCS
0700 335 017	17 mm	225.0 mm	31.6 mm	7.3 mm	31.6 mm	10.3 mm	139.1	320.4	1 PCS
0700 335 019	19 mm	248.0 mm	33.7 mm	8.3 mm	33.7 mm	11.2 mm	186.1	387.6	1 PCS









RECA Varius 11-in-1 double ring ratchet spanner

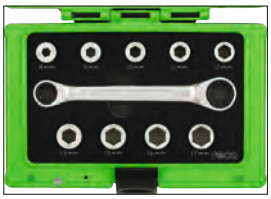
Product description:
The Varius 11-in-1 ratchet wrench system is the ideal companion to guarantee flexible working. The wrench, with drive sizes 14 and 19, is finely toothed with 72 teeth.
The width across flats can be reduced by the various inserts. A collar on the inserts prevents them slipping through.



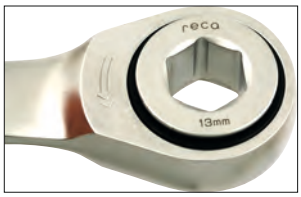
Advantages:
- 11 different drives in just one wrench!
- Saves weight and space.

Advice:
Also available as a set (art. no.: 0700 336 001)!

Width across flats: 14 x 19 mm
Length: 200.0 mm
Product weight (per item): 158 g
Ring thickness: 9.3 mm
Version: Straight
Ring width: 22.0 mm
Ring width 2: 33.0 mm
Ring thickness 2: 10.5 mm









Art. No.	Packaging unit (VPE)
0700 336 002	1 PCS

RECA Varius 11-in-1 double-end ratchet spanner

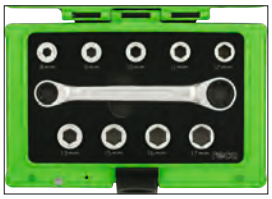
Product description:
The Varius 11-in-1 ratchet spanner system is the ideal companion to guarantee flexible working. The spanner, with drive sizes 14 and 19, is finely toothed with 72 teeth.
The width across flats can be reduced by the various inserts. A collar on the inserts prevents them slipping through.








Art. No.	Width across flats	Product weight (per item)	Height	Packaging unit (VPE)
0700 336 008	8 mm	13 g	12.22 mm	1 PCS
0700 336 009	9 mm	12 g	12.22 mm	1 PCS
0700 336 010	10 mm	10 g	12.22 mm	1 PCS
0700 336 011	11 mm	8 g	12.22 mm	1 PCS
0700 336 012	12 mm	5 g	12.22 mm	1 PCS
0700 336 013	13 mm	20 g	14.6 mm	1 PCS
0700 336 015	15 mm	14 g	14.6 mm	1 PCS
0700 336 016	16 mm	12 g	14.6 mm	1 PCS
0700 336 017	17 mm	7 g	14.6 mm	1 PCS





RECA Varius 11-in-1 double-end ratchet spanner set

Product description:
The Varius 11-in-1 ratchet spanner system is the ideal companion to guarantee flexible working. The spanner, with drive sizes 14 and 19, is finely toothed with 72 teeth.
The width across flats can be reduced by the various inserts. A collar on the inserts prevents them slipping through.

Advantages:
- 11 different drives in just one wrench!
- Saves weight and space.

Advice:
Extra accessories convert the RECA Varius into a real ratchet for sockets or bits within seconds!

Content remark: One double-end ratchet spanner, 14 x 19 mm AF
Each with 1 bit with collar (8, 9, 10, 11, 12, 13, 15, 16, 17 mm AF)













Art. No.	Packaging unit (VPE)
0700 336 001	1 PCS

RECA double ring ratchet spanner

Product description:
Heavy-duty. robust design
Surface: matt chrome-plated

Advantages:
- Deep offset for hard-to-reach screw connections.
- Switchover from right-hand to left-hand function by simply pressing a button.
- Bi-hexagonal protective profile for working practices that are gentle on materials.





RECA double ring ratchet spanner set

Product description:
Heavy-duty. robust design
Surface: matt chrome-plated

Advantages:
- Deep offset for hard-to-reach screw connections.
- Switchover from right-hand to left-hand function by simply pressing a button.
- Bi-hexagonal protective profile for working practices that are gentle on materials.





RECA double-ended socket wrench DIN 3110

Product description:
Made from high-quality chrome vanadium tool steel.
Socket wrenches are drilled completely through from size 14 x 15 upwards.



Advantages:
- New TITANIUM CHROME surface for reliable corrosion protection
- Hexagonal shaft can also be actuated with an open-end spanner

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Art. No.	Min./max. width across flats	Length	Packaging unit (VPE)
0700 090 607	6-7 mm	105.0 mm	1 PCS
0700 090 809	8-9 mm	110.0 mm	1 PCS
0700 091 011	10-11 mm	120.0 mm	1 PCS
0700 091 213	12-13 mm	140.0 mm	1 PCS
0700 091 415	14-15 mm	145.0 mm	1 PCS
0700 091 617	16-17 mm	155.0 mm	1 PCS
0700 091 819	18-19 mm	165.0 mm	1 PCS
0700 092 022	20-22 mm	175.0 mm	1 PCS
0700 092 427	24-27 mm	195.0 mm	1 PCS
0700 093 032	30-32 mm	215.0 mm	1 PCS

RECA double-ended socket wrench set

Product description:
Made from high-quality chrome vanadium tool steel.
Socket wrenches are drilled completely through from size 14 x 15 upwards.

Advantages:
- New TITANIUM CHROME surface for reliable corrosion protection
- Hexagonal shaft can also be actuated with an open-end spanner

Content remark: AF 6x7/8x9/10x11/12x13/14x15/16x17/18x19/20x22/24x27/30x32



Art. No.	Packaging unit (VPE)
0700 090 10	1 PCS

RECA socket wrench set POWER SYSTEM 4-in-1 1/4" 27 pcs.

Product description:
All forged parts are matt chrome-plated.
Material: Chrome vanadium tool steel.
Delivered in a powder-coated steel box with rigid foam insert.

Advantages:
- The RECA POWER SYSTEM 4-in-1 replaces four different drives: Metric, imperial, Torx head and triple square.
- At a torque of 102 Nm, the ratchet exceeds the value specified by DIN 3122 for 1/4" ratchet socket wrenches by 65%.
- The ratchet has a 2-component handle for a secure, non-slip grip.
- The ratchet is also conveniently slim and has a small swivelling angle of 5°. This allows it to be used in the tightest spaces.
- It features an eject button for changing inserts quickly.
- The cardan joint allows it to be used at an obtuse angle to the screw.
- Extensions can be used to elongate it to a working length of 50 mm or 100 mm.
- The push-fit handle can be used as a screwdriver with bits and inserts.
- The bit adapter enables it to be used with commercially available bits.

Content remark: RECA ratchet, 1/4 inch, finely toothed, 72 teeth, with eject button.
Inserts with sizes: 4/5/5.5/6/7/8/9/10/11/12/13.
Push-fit handle with square drive in handle.
Bits: HEX 3, 4, 5, 6/TX 15, 20, 25, 30, 40.
Extensions 50 mm, 100 mm.
T-handle.
Cardan joint.
Bit adapter.
Length: 285.0 mm
Width: 180.0 mm
Height: 55.0 mm



Art. No.	Packaging unit (VPE)
0700 024 027	1 PCS

RECA socket wrench set 1/4“, 24 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being “borrowed without asking”.

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components





Length: 310.0 mm
Content remark: RECA ratchet ¼“
Push-fit handle ¼“
Flexible extension, 150 mm ¼“
Bit adapter ¼“
Angled extension, 50 mm
Angled extension, 100 mm
T-handle
Cardan joint
Socket wrenches: 4/5/5.5/6/2 x 7/2 x 8/9/
2 x 10/11/12/2 x 13/14
Width: 200.0 mm
Height: 62.0 mm





Art. No.	Packaging unit (VPE)
0700 140 024	1 PCS

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RECA socket wrench set 1/4", 40 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being "borrowed without asking".

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components





Length: 375.0 mm
Content remark: RECA ratchet ¼"
Push-fit handle ¼"
Flexible extension, 150 mm ¼"
Bit adapter ¼"
Angled extension, 50 mm
Angled extension, 100 mm
T-handle
Cardan joint
Socket wrenches: 4/5/5.5/6/2 x 7/2 x 8/9/
2 x 10/11/12/2 x 13/14
Screwdriver bits:
TX: 10/15/20/25/30/40
PH and PZ: 1/2/3
Hexagon socket: 3/4/5/6
Width: 288.0 mm
Height: 72.0 mm





Art. No.	Packaging unit (VPE)
0700 140 040	1 PCS

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RECA ratchet 1/4'' finely toothed

Advantages:

- Fine toothing with 72 teeth and the low swivelling angle of 5° enables it to be used in tight spaces.
- Eject function for changing inserts more quickly.
- At a torque of 102 Nm, the ratchet exceeds the value specified by DIN 3122 for 1/4" ratchet socket wrenches by 65%.
- The ratchet has a 2-component handle for a secure, non-slip grip.



Length: 145.0 mm

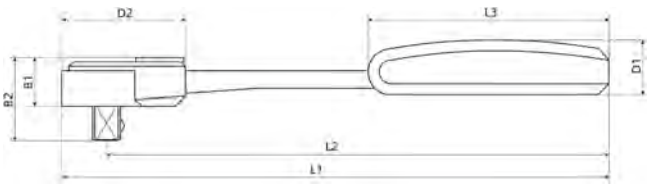
Art. No.	Packaging unit (VPE)
0700 024 000	1 PCS

RECA 1/4" ratchet, medium-toothed with 48 teeth

Product description:

The medium toothing with 48 teeth is smooth and extremely sturdy. The narrow ratchet head and the swivel angle of 7.5° makes working in confined positions a simple task. Thanks to the eject button, an extremely broad range of socket wrenches can be changed simply and quickly. At the same time, this safety mechanism prevents a socket being unintentionally removed from e.g. a square head output. This „annoyance" is a thing of the past. From a practical perspective, the gear unit cover can be easily opened for maintenance or repair. We also offer a repair set.
Even the unique reversing lever concept of the ratchet is clear at first glance: the direction of rotation of the gear unit is therefore clearly visible even when working overhead.
The novel handle geometry with extra large lateral faces ensures exceptional force transfer. The eccentric (asymmetric) positioning of the handle creates maximum clearance underneath and hence greater freedom for fingers and less risk of injury when driving screws. The handle material with a lightweight surface structure sits very comfortably in the hand, while ensuring an excellent, reliable grip.





Tip: 1/4" square head with ball stop to DIN 3120, ISO 1174
Gear unit: 48 teeth (7.5° rotational angle)
Replaceable gear unit
Switchable
With eject button
Material: Chromium-vanadium steel
Handle: Santoprene (resistant to most oils and many chemicals)
Surface: Fine satin finish

Advantages:

- Fast and convenient socket wrench change
- Robust, durable precision gear unit
- Direction of rotation easy to identify
- No unintentional pulling-off of square head output
- Exceptional hold and comfortable grip feeling thanks to very good geometry
- More space and comfort due to asymmetric handle
- Material resistant to most oils and many chemicals

Length (L1): 145 mm
Length 2 (L2): 132 mm
Length 3 (L3): 63 mm
Diameter (D1): 18 mm
Diameter 2 (D2): 36.5 mm

Width (B1): 13.8 mm
Width 2 (B2): 22 mm
Weight: 125 g

Art. No.	Packaging unit (VPE)
0700 140 000	1 PCS

RECA 1/4" repair set for RECA ratchet

Product description:
The repair set enables faulty gear units to be replaced. The ratchet can therefore continue to be used.

Content remark: 1 cover for gear with two screws
1 gear with eject button (48 teeth)
1 reversing lever with lock
1 spring with ball



Art. No.	Packaging unit (VPE)
0700 140 001	1 PCS

RECA socket wrench insert POWER SYSTEM 4-in-1 1/4''

Product description:
All forged parts matt chrome-plated.
Material: Chrome vanadium tool steel.

Advantages:
- The RECA POWER SYSTEM 4-in-1 replaces four different drives: Metric, Imperial, Torx head and triple square.

Length: 25.0 mm



Art. No.	Width across flats	Packaging unit (VPE)
0700 024 04	4 mm	1 PCS
0700 024 05	5 mm	1 PCS
0700 024 055	5.5 mm	1 PCS
0700 024 06	6 mm	1 PCS
0700 024 07	7 mm	1 PCS
0700 024 08	8 mm	1 PCS
0700 024 09	9 mm	1 PCS
0700 024 10	10 mm	1 PCS
0700 024 11	11 mm	1 PCS
0700 024 12	12 mm	1 PCS

Art. No.	Width across flats	Packaging unit (VPE)
0700 024 13	13 mm	1 PCS

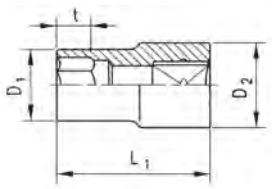
RECA 1/4" socket wrench inserts, metric with hexagon head

Product description:
Socket wrench inserts, metric with hexagon head.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon head
Version: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3124, ISO 2725

Drive: 1/4 inch
Length (L 1): 25 mm







Art. No.	Tip size	Diameter (D 1)	Diameter 2 (D 2)	Depth (t)	Weight	Packaging unit (VPE)
0700 140 104	4 mm	7 mm	12 mm	8 mm	9 g	1 PCS
0700 140 105	5 mm	8 mm	12 mm	9 mm	10 g	1 PCS
0700 140 155	5.5 mm	9 mm	12 mm	9 mm	10 g	1 PCS
0700 140 106	6 mm	11 mm	12 mm	9 mm	10 g	1 PCS
0700 140 107	7 mm	11 mm	12 mm	9 mm	11 g	1 PCS
0700 140 108	8 mm	12 mm	12 mm	9 mm	11 g	1 PCS
0700 140 109	9 mm	14 mm	12 mm	9 mm	15 g	1 PCS
0700 140 110	10 mm	15 mm	13 mm	10 mm	17 g	1 PCS
0700 140 111	11 mm	16 mm	14 mm	12 mm	19 g	1 PCS
0700 140 112	12 mm	17 mm	15 mm	12 mm	22 g	1 PCS
0700 140 113	13 mm	18 mm	16 mm	12 mm	24 g	1 PCS
0700 140 114	14 mm	18 mm	16 mm	12 mm	24 g	1 PCS

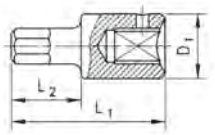
RECA 1/4'' screwdriver bits, hexagon socket

Product description:
Screwdriver inserts with hexagon socket.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon socket, DIN 7422
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 1/4 inch
Tip type: Internal hexagon socket
Length (L 1): 32 mm
Length 2 (L 2): 12 mm
Diameter (D 1): 12 mm







Art. No.	Tip size	Weight	Packaging unit (VPE)
0700 140 203	3 mm	14 g	1 PCS
0700 140 204	4 mm	14 g	1 PCS
0700 140 205	5 mm	15 g	1 PCS
0700 140 206	6 mm	16 g	1 PCS

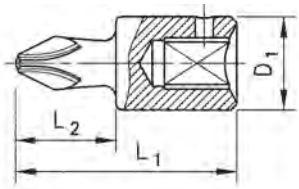
RECA 1/4'' screwdriver bits, Phillips

Product description:
Screwdriver bits, PH Phillips.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Phillips DIN 5260-PH, ISO 8764-PH
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 1/4 inch
Length (L 1): 32 mm
Length 2 (L 2): 12 mm
Diameter (D 1): 12 mm







Art. No.	Tip size	Weight	Packaging unit (VPE)
0700 140 211	PH1	13 g	1 PCS
0700 140 212	PH2	13 g	1 PCS
0700 140 213	PH3	14 g	1 PCS

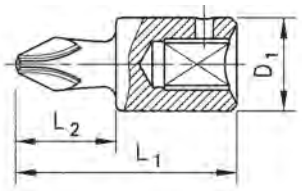
RECA 1/4'' screwdriver bits, Pozidriv

Product description:
Screwdriver bits, Pozidriv PZ.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Pozidriv DIN 5260-PZ, ISO 8764-PZ
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 1/4 inch
Length: 32 mm
Length 2: 12 mm
Diameter: 12 mm







Art. No.	Tip size	Weight	Packaging unit (VPE)
0700 140 221	PZ1	14 g	1 PCS
0700 140 222	PZ2	14 g	1 PCS
0700 140 223	PZ3	15 g	1 PCS

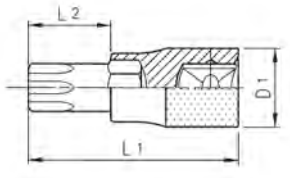
RECA 1/4'' TX screwdriver bits

Product description:
TX screwdriver bits.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: TX
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 1/4 inch
Length (L 1): 32 mm
Length 2 (L 2): 12 mm
Diameter (D 1): 12 mm







Art. No.	Tip size	Weight	Packaging unit (VPE)
0700 140 310	TX10	13 g	1 PCS
0700 140 315	TX15	13 g	1 PCS
0700 140 320	TX20	13 g	1 PCS
0700 140 325	TX25	14 g	1 PCS
0700 140 330	TX30	14 g	1 PCS
0700 140 340	TX40	15 g	1 PCS

RECA push-fit handle 1/4“

Tip size: 1/4 inch
Length: 165 mm
Weight: 85 g



Art. No.	Packaging unit (VPE)
0700 140 151	1 PCS

RECA push-fit handle 1/4“ with hexagon socket

Advantages:

- The square drive in the handle enables either a T-handle or 1/4“ ratchet to be used.

Length: 150.0 mm



Art. No.	Packaging unit (VPE)
0700 024 001	1 PCS

RECA T-handle 1/4‘‘

Product description:
Tip: 1/4“ square with ball stop to DIN 3120, ISO 1174
Material: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3122, ISO 3315

Length (L): 115 mm
Diameter (Gleitstück A): 14 mm
Height (B 1): 16 mm
Height 2 (B 2): 24 mm
Stud diameter (D): 6.5 mm
Weight: 45 g



Art. No.	Packaging unit (VPE)
0700 140 162	1 PCS

RECA cardan joint 1/4''

Drive (S2): 1/4 inch
Tip size (S1): 1/4 inch
Length (L1): 35 mm
Diameter (D1): 14 mm
Weight: 22 g



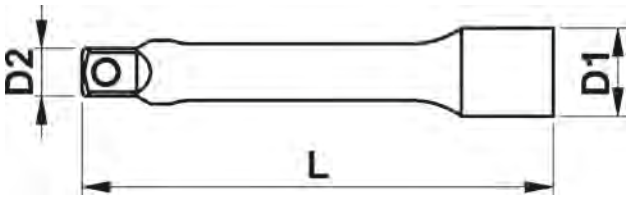
Art. No.	Packaging unit (VPE)
0700 140 159	1 PCS

RECA 1/4" angled extension

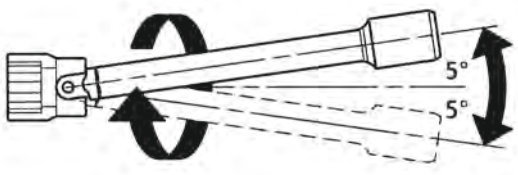
Product description:
Extension with offset function (5°), making it possible to work in positions that are difficult to access.
1. Insert level: Socket wrench moves easily
2. Insert level: Socket wrench is locked
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.



Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: 1/4" tilt square with ball stop
Material: Chromium-vanadium steel
Surface: Fine satin finish



Drive: 1/4 inch
Diameter (D 1): 12.5 mm
Diameter 2 (D 2): 1/4









Art. No.	Length (L 1)	Weight	Packaging unit (VPE)
0700 140 152	50 mm	23 g	1 PCS
0700 140 154	100 mm	44 g	1 PCS

RECA 1/4" flexible extension

Product description:
For hard-to-reach areas.
Suitable only for manual operation. Spiral spring limits torque.



Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: 1/4" square with ball stop to DIN 3120, ISO 1174
Material: Chromium-vanadium steel
Surface: Fine satin finish

Drive: 1/4 inch
Tip size: 1/4 inch
Length: 150 mm
Weight: 61 g

Art. No.	Packaging unit (VPE)
0700 140 156	1 PCS

RECA 1/4" bit adapter

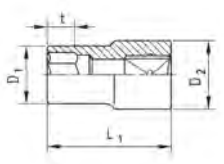
Product description:
Universal fitting for 1/4" bits to DIN 3126, ISO 1173 with circlip.

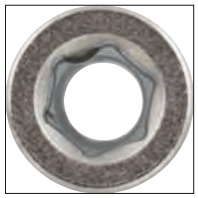


Drive: 1/4" square drive with ball catch groove to DIN 3120, ISO 1174
Output: For 1/4" bits with hexagon head drive to DIN 3126, ISO 1173
Material: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 1/4 inch
Length (L1): 27 mm
Diameter (D1): 12 mm
Diameter 2 (D2): 12 mm

Depth (t): 11.5 mm
Weight: 14 g





Art. No.	Packaging unit (VPE)
0700 140 163	1 PCS

RECA socket wrench set POWER SYSTEM 4-in-1 17 pcs.

Product description:
The RECA POWER SYSTEM 4-in-1 3/8 inch is a push-through system, i.e. the ratchet and screw inserts can be pushed over long screws/bolts or threaded rods.

Advantages:
- The RECA POWER SYSTEM 4-in-1 replaces four different drives: Metric, imperial, Torx head and triple square.
- The torque of the ratchet and inserts exceeds the values for 3/8" socket wrench inserts specified by DIN 3124 by approx. 60%.
- The ratchet has a 2-component handle for a secure, non-slip grip.
- The ratchet can be converted into a normal, extremely slim 1/2" or 3/8" ratchet using the adapters.
- The set is delivered in a powder-coated steel box with rigid foam insert.

Field of Application:
A problem-solving solution when screwing/loosening long threaded rods and stud bolts.

Content remark: RECA ratchet 3/8 inch, finely toothed, 72 teeth, drilled.
Insert sizes: 10/11/12/13/14/15/16/17/18/19/21/22/24.
Extension, 75 mm.
Adapter for inserts 1/2".
Adapter for inserts 3/8".

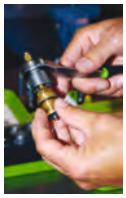






Art. No.	Packaging unit (VPE)
0700 013 017	1 PCS









RECA ratchet 3/8'' finely toothed

Product description:
Robust fine toothing with 72 teeth
The ratchet head is drilled through
Very low swivelling angle of only 5°
Max. torque: 325 Nm — exceeds DIN specifications for 3/8-inch ratchets by 60% (DIN specifies only 202 Nm).
Slim head (only 34 mm wide)
Lightweight (only 170 g)

Field of Application:
A problem-solving solution when screwing/loosening long threaded rods and stud bolts.

Length: 205.0 mm







Art. No.	Packaging unit (VPE)
0700 013 000	1 PCS



RECA socket wrench inserts 3/8'', drilled through

Product description:
Special socket wrench for RECA 3/8-inch ratchet, finely toothed and drilled.

Field of Application:
A problem-solving solution when screwing/loosening long threaded rods and stud bolts.

Length: 30.0 mm



Art. No.	Width across flats	Packaging unit (VPE)
0700 013 10	10 mm	1 PCS
0700 013 12	12 mm	1 PCS
0700 013 13	13 mm	1 PCS
0700 013 14	14 mm	1 PCS
0700 013 15	15 mm	1 PCS
0700 013 16	16 mm	1 PCS
0700 013 17	17 mm	1 PCS
0700 013 18	18 mm	1 PCS
0700 013 19	19 mm	1 PCS

Art. No.	Width across flats	Packaging unit (VPE)
0700 013 21	21 mm	1 PCS
0700 013 22	22 mm	1 PCS
0700 013 24	24 mm	1 PCS

RECA extension 3/8‘‘, drilled through

Product description:
Special extension for RECA 3/8-inch ratchet, finely toothed and drilled.

Field of Application:
A problem-solving solution when screwing/loosening long threaded rods and stud bolts.

Length: 75.0 mm



Art. No.	Packaging unit (VPE)
0700 013 004	1 PCS

RECA POWER SYSTEM 3/8-inch adapter, for drilled ratchet

Product description:
Special adapter for the RECA POWER SYSTEM ratchet. Using this adapter, a standard nut can be driven with a 1/4-inch or 1/2-inch mount.



Art. No.	Drive	Packaging unit (VPE)
0700 013 012	1/2 inch	1 PCS
0700 013 013	1/4 inch	1 PCS

RECA socket wrench set 3/8“, 23 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being “borrowed without asking”.

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components

Content remark: RECA 3/8“ ratchet
75 mm angled extension
150 mm angled extension
3/8“ sliding piece adapter with cross hole for extension (T-handle)
Cardan joint
3/8“ bit adapter
Socket wrench: 8/2 x 10/11/12/2 x 13/14/15/
16/2 x 17/18/2 x 19/21/22
Length: 310.0 mm
Width: 200.0 mm
Height: 62.0 mm

Art. No.	Packaging unit (VPE)
0700 138 023	1 PCS

RECA 3/8“ ratchet, medium-toothed with 48 teeth

Product description:
The medium toothing with 48 teeth is smooth and extremely sturdy. The narrow ratchet head and the swivel angle of 7.5° makes working in confined positions a simple task. Thanks to the eject button, an extremely broad range of socket wrenches can be changed simply and quickly. At the same time, this safety mechanism prevents a socket being unintentionally removed from e.g. a square head output. This „annoyance“ is a thing of the past. From a practical perspective, the gear unit cover can be easily opened for maintenance or repair. We also offer a repair set.
Even the unique reversing lever concept of the ratchet is clear at first glance: the direction of rotation of the gear unit is therefore clearly visible even when working overhead.
The novel handle geometry with extra large lateral faces ensures exceptional force transfer. The eccentric (asymmetric) positioning of the handle creates maximum clearance underneath and hence greater freedom for fingers and



less risk of injury when driving screws. The handle material with a lightweight surface structure sits very comfortably in the hand, while ensuring an excellent, reliable grip.

Tip: 3/8" square head with ball stop to DIN 3120, ISO 1174
Gear unit: 48 teeth (7.5° rotational angle)
Replaceable gear unit
Switchable
With eject button
Material: Chromium-vanadium steel
Handle: Santoprene (resistant to most oils and many chemicals)
Surface: Fine satin finish

Advantages:

- Fast and convenient socket wrench change
- Robust, durable precision gear unit
- Direction of rotation easy to identify
- No unintentional pulling-off of square head output
- Exceptional hold and comfortable grip feeling thanks to very good geometry
- More space and comfort due to asymmetric handle
- Material resistant to most oils and many chemicals

Length (L1): 195 mm
Length 2 (L2): 180 mm
Length 3 (L3): 85 mm
Diameter (D1): 20.5 mm
Diameter 2 (D2): 46.5 mm
Width (B1): 15.7 mm
Width 2 (B2): 28.5 mm
Weight: 250 g

Art. No.	Packaging unit (VPE)
0700 138 000	1 PCS

RECA 3/8" repair set for RECA ratchet

Product description:
The repair set enables faulty gear units to be replaced. The ratchet can therefore continue to be used.

Content remark: 1 cover for gear with two screws
1 gear with eject button (48 teeth)
1 reversing lever with lock
1 spring with ball



Art. No.	Packaging unit (VPE)
0700 138 001	1 PCS

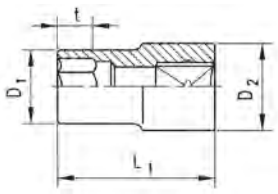
RECA 3/8" socket wrench inserts, metric with hexagon head

Product description:
Socket wrench inserts, metric with hexagon head.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 3/8" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon head
Material: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3124, ISO 2725

Drive: 3/8 inch







8

Art. No.	Tip size	Length	Diameter	Diameter 2	Depth	Weight	Packaging unit (VPE)
0700 138 108	8 mm	26.5 mm	12 mm	17 mm	9 mm	20 g	1 PCS
0700 138 110	10 mm	26.5 mm	15 mm	17 mm	9 mm	21 g	1 PCS
0700 138 111	11 mm	26.5 mm	16 mm	17 mm	9 mm	21 g	1 PCS
0700 138 112	12 mm	26.5 mm	17 mm	17 mm	9 mm	22 g	1 PCS
0700 138 113	13 mm	26.5 mm	18.5 mm	17 mm	9 mm	25 g	1 PCS
0700 138 114	14 mm	27 mm	19.5 mm	18 mm	14 mm	29 g	1 PCS
0700 138 115	15 mm	27 mm	21 mm	19 mm	14 mm	33 g	1 PCS
0700 138 116	16 mm	27 mm	22 mm	20 mm	14 mm	37 g	1 PCS
0700 138 117	17 mm	27 mm	23.5 mm	20 mm	14 mm	41 g	1 PCS
0700 138 118	18 mm	27 mm	24.5 mm	20 mm	14 mm	42 g	1 PCS
0700 138 119	19 mm	29 mm	25.5 mm	21 mm	15 mm	52 g	1 PCS
0700 138 121	21 mm	29 mm	28 mm	22 mm	15 mm	60 g	1 PCS
0700 138 122	22 mm	31.5 mm	29.5 mm	22 mm	16.5 mm	75 g	1 PCS

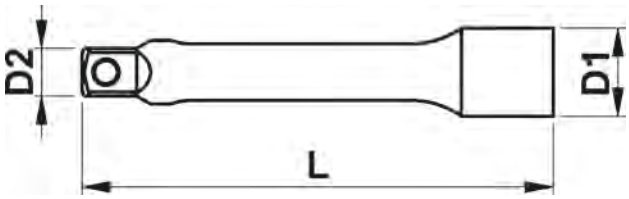
RECA 3/8" angled extension

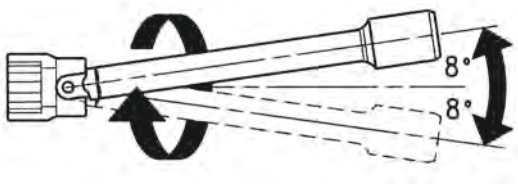
Product description:
Extension with offset function (8°), making it possible to work in positions that are difficult to access.
1. Insert level: Socket wrench moves easily
2. Insert level: Socket wrench is locked
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 3/8" square drive with ball catch groove to DIN 3120, ISO 1174
Output: 3/8" tilt square with ball stop
Material: Chromium-vanadium steel
Surface: Fine satin finish

Drive: 3/8 inch
Diameter (D1): 18 mm













Art. No.	Length (L)	Diameter 2 (D2)	Weight	Packaging unit (VPE)
0700 138 154	75 mm	3/8	75 g	1 PCS
0700 138 156	100 mm	38	142 g	1 PCS

RECA 3/8‘ cardan joint‘

Product description:
Joint screwed, braked (remains in default position).

Drive: 3/8“ square drive with ball catch groove to DIN 3120, ISO 1174
Output: 3/8“ square with ball stop to DIN 3120, ISO 1174
Material: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3122, ISO 3315



Drive: 3/8 inch
Tip size: 3/8 inch
Length: 51 mm
Diameter: 19 mm
Weight: 57 g

Art. No.	Packaging unit (VPE)
0700 138 159	1 PCS

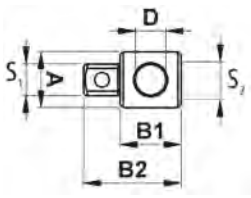
RECA 3/8“ sliding piece adapter

Product description:
A T-handle is formed by inserting a 3/8“ extension into the cross hole.
Can also be used as a reducing adapter from 1/2“ to 3/8“.

Drive: 1/2“ square drive with ball catch groove to DIN 3120, ISO 1174
Output: 3/8“ square with ball stop to DIN 3120, ISO 1174
Material: Chromium-vanadium steel
Surface: Fine satin finish



Drive (S2): 1/2 inch
Tip size (S1): 3/8 inch
Diameter of hole (D): 13 mm
Diameter (A): 22 mm
Weight: 52 g





Art. No.	Packaging unit (VPE)
0700 138 161	1 PCS

RECA 3/8" bit adapter

Product description:
Universal fitting for 1/4" bits to DIN 3126, ISO 1173 with circlip.

Drive: 3/8" square drive with ball catch groove to DIN 3120, ISO 1174
Output: For 1/4" bits with hexagon head drive to DIN 3126, ISO 1173
Material: Chromium-vanadium steel/steel
Surface: Fine satin finish

Drive: 3/8 inch
Length (L1): 28.5 mm
Diameter (D1): 12 mm
Diameter 2 (D2): 17 mm
Depth (t): 11 mm
Weight: 25 g



Art. No.	Packaging unit (VPE)
0700 138 157	1 PCS

RECA socket wrench set POWER SYSTEM 4-in-1 1/2", 22 pcs.

Product description:
The RECA POWER SYSTEM 4-in-1 replaces four different drives: Metric, Imperial, Torx head and triple square.
The ratchet torque of 710 Nm exceeds the value specified by DIN 3122 for 1/2" ratchet socket wrenches by 39%.
The ratchet has a 2-component handle for a secure, non-slip grip.
The ratchet is also conveniently slim and has a small swivelling angle of 5°. This allows it to be used in the tightest spaces.
It features an eject button for changing inserts quickly.
The cardan joint allows it to be used at an obtuse angle to the screw.
Extensions with wobble function can be used to elongate the ratchet to a working length of 125 mm or 250 mm and enable slight irregularities to be compensated.
The set is delivered in a powder-coated steel box with rigid foam insert.
All forged parts matt chrome-plated.
Material: Chrome vanadium tool steel.



Content remark: RECA ratchet, 1/2 inch, finely toothed, 72 teeth, with eject button.
Insert sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32.
Extensions 125 mm, 250 mm.
Adapter for 3/8" ratchet to 1/2" inserts.
Cardan joint.
Length: 460.0 mm
Width: 210.0 mm
Height: 60.0 mm

Art. No.	Packaging unit (VPE)
0700 022 022	1 PCS

RECA socket wrench set POWER SYSTEM 4-in-1 1/2" + 1/4", 50 pcs.

Advantages:

- RECA Power System 4-in-1 replaces four different drives: Metric, imperial, Torx head and triple square.
- At a torque of 710 Nm, the ratchet exceeds the value specified by DIN 3122 for 1/2" ratchet socket wrenches by 39%.
- The ratchet has a 2-component handle for a secure, non-slip grip.
- The ratchet is also conveniently slim and has a small swivelling angle of 5°. This allows it to be used in the tightest spaces.
- It features an eject button for changing inserts quickly.
- The cardan joint allows it to be used at an obtuse angle to the screw.
- Extensions with wobble function can be used to elongate the ratchet to a working length of 125 mm or 250 mm and enable slight irregularities to be compensated.
- All forged parts matt chrome-plated.
- Material: Chrome vanadium tool steel.
- The 50-piece set is integrated in a high-quality RECA VISO assortment case made from unbreakable ABS. The transparent lid provides a clear overview and enables parts to be located quickly.



Content remark: Ratchet 1/2", finely toothed, 72 teeth with eject button.
Inserts size: 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32.
125 mm and 250 mm extensions (with wobble function).
Adapter piece for 3/8" ratchet to
1/2" inserts.
Cardan joint.
Ratchet 1/4", finely toothed, 72 teeth with eject button.
Inserts of sizes: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12.
50 mm and 100 mm extensions.
T-handle.
Cardan joint.
Bit adapter for 1/4" ratchet
Bits: HEX socket 3, 4, 5, 6 (1 of each)
TX 15, 20, 25, 27, 30, 40 (1 of each)
PZ 1 PH 1 (1 of each)
PZ 2 PH 2 (2 of each)
Length: 320.0 mm
Width: 240.0 mm
Height: 55.0 mm

Art. No.	Packaging unit (VPE)
0700 023 050	1 PCS

RECA socket wrench set 1/2“, 27 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being “borrowed without asking”.

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components





Content remark: RECA 1/2“ ratchet
75 mm angled extension
125 mm angled extension
250 mm angled extension
Cardan joint
3/8“ x 1/2“ sliding piece adapter with cross hole for extension (T-handle)
1/2“ x 3/8“ adapter
Socket wrench: 2 x 10/11/12/2 x 13/14/15/
16/2 x 17/18/2 x 19/21/22/24/27/30/32
Length: 375.0 mm
Width: 288.0 mm
Height: 72.0 mm







Art. No.	Packaging unit (VPE)
0700 120 027	1 PCS

GERMAN DESIGN AWARD WINNER 2017

RECA socket wrench set 1/2", 43 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being "borrowed without asking".

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components





Content remark: RECA 1/2" ratchet
75 mm angled extension
125 mm angled extension
250 mm angled extension
Cardan joint
3/8" x 1/2" sliding piece adapter with cross hole for extension (T-handle)
1/2" x 3/8" adapter
Socket wrench: 2 x 10/11/12/2 x 13/14/15/
16/2 x 17/18/2 x 19/21/22/24/27/30/32
Socket wrench inserts:
Hexagon socket: 5/6/7/8/10/12/14/17
TX: 25/27/30/40/45/50/55/60
Length: 433.0 mm
Width: 350.0 mm
Height: 83.0 mm







Art. No.	Packaging unit (VPE)
0700 120 043	1 PCS

GERMAN DESIGN AWARD WINNER 2017

RECA socket wrench set 1/2" & 1/4", 45 pieces

Product description:
Particular attention has been paid to the order and clear arrangement of the sets. The high-quality inlay meets the requirement of the tool always being in the correct position. All individual parts of the set are listed with corresponding article number in the box case lid. This allows easy re-ordering.
The box:
Thanks to its design, it can be set up, laid out and stowed as required. The device for a padlock prevents a tool being "borrowed without asking".

The inlay:
The 3-colour foam inlay ensures a clear and structured layout. It is immediately obvious if something is missing. The etched widths across flats of the socket wrenches are highly visible due to the white components. The recesses are equipped with a clamping function.

The standard socket wrench sizes are doubled-up – which means that a suitable back-up is always to hand.



Advantages:
- Doubling-up of standard socket wrench sizes
- Extremely clear layout
- Box can be locked with a padlock
- Contents listed in the lid with item number and socket wrench layout
- Recesses provide clamping function in the inlay
- Socket wrench sizes etched into the inlay are very visible due to white intermediate components





Content remark: RECA 1/2" ratchet
125 mm angled extension
250 mm angled extension
Cardan joint
3/8" x 1/2" sliding piece adapter with cross hole for extension (T-handle)
Socket wrench: 2 x 10/11/12/2 x 13/14/15/
16/2 x 17/18/2 x 19/21/22/24/27/30/32





RECA ¼" ratchet
50 mm angled extension
100 mm angled extension
T-handle
Cardan joint
Socket wrench: 4/5/5.5/6/2 x 7/2 x 8/9/2 x 10/11/12/2 x 13



Art. No.	Packaging unit (VPE)
0700 120 045	1 PCS

GERMAN DESIGN AWARD WINNER 2017

RECA ratchet 1/2'' finely toothed

Product description:
72 teeth, fine toothing and low swivelling angle of 5° for working in tight spaces.
Eject function for changing inserts more quickly.
At a torque of 710 Nm, the ratchet exceeds the value specified by DIN 3122 for 1/2" ratchet socket wrenches by 39%.
The ratchet features a 2-component handle that provides a secure grip and prevents slipping.



Length: 245.0 mm

Art. No.	Packaging unit (VPE)
0700 022 000	1 PCS

RECA 1/2" ratchet, medium-toothed with 48 teeth

Product description:
The medium toothing with 48 teeth is smooth and extremely sturdy. The narrow ratchet head and the swivel angle of 7.5° makes working in confined positions a simple task. Thanks to the eject button, an extremely broad range of socket wrenches can be changed simply and quickly. At the same time, this safety mechanism prevents a socket being unintentionally removed from e.g. a square head output. This „annoyance" is a thing of the past. From a practical perspective, the gear unit cover can be easily opened for maintenance or repair. We also offer a repair set.
Even the unique reversing lever concept of the ratchet is clear at first glance: the direction of rotation of the gear unit is therefore clearly visible even when working overhead.
The novel handle geometry with extra large lateral faces ensures exceptional force transfer. The eccentric (asymmetric) positioning of the handle creates maximum clearance underneath and hence greater freedom for fingers and less risk of injury when driving screws. The handle material with a lightweight surface structure sits very comfortably in the hand, while ensuring an excellent, reliable grip.



Tip: 1/2" square head with ball stop to DIN 3120, ISO 1174
Gear unit: 48 teeth (7.5° rotational angle)
Replaceable gear unit
Switchable
With eject button
Material: Chromium-vanadium steel
Handle: Santoprene (resistant to most oils and many chemicals)
Surface: Fine satin finish

Advantages:
- Fast and convenient socket wrench change
- Robust, durable precision gear unit
- Direction of rotation easy to identify
- No unintentional pulling-off of square head output
- Exceptional hold and comfortable grip feeling thanks to very good geometry
- More space and comfort due to asymmetric handle
- Material resistant to most oils and many chemicals

Length (L1): 250 mm
Length 2 (L2): 232 mm
Length 3 (L3): 110 mm
Diameter (D1): 26 mm

Diameter 2 (D2): 57 mm
Width (B1): 20 mm
Width 2 (B2): 37 mm
Weight: 508 g

Art. No.	Packaging unit (VPE)
0700 120 000	1 PCS

RECA 1/2" repair set for RECA ratchet

Content remark: 1 cover for gear with two screws
1 gear with eject button (48 teeth)
1 reversing lever with lock
1 spring with ball



Art. No.	Packaging unit (VPE)
0700 120 001	1 PCS

RECA socket wrench insert POWER SYSTEM 2-in-1 1/4''

Product description:
All forged parts are matt chrome-plated
Material: Chrome vanadium tool steel

Advantages:
The RECA POWER SYSTEM 4-in-1 replaces four different drives:
Metric, imperial, Torx head and triple square.



Art. No.	Width across flats	Length	Packaging unit (VPE)
0700 022 10	10 mm	38.0 mm	1 PCS
0700 022 11	11 mm	38.0 mm	1 PCS
0700 022 12	12 mm	38.0 mm	1 PCS
0700 022 13	13 mm	38.0 mm	1 PCS
0700 022 14	14 mm	38.0 mm	1 PCS
0700 022 15	15 mm	39.0 mm	1 PCS
0700 022 16	16 mm	39.0 mm	1 PCS
0700 022 17	17 mm	39.0 mm	1 PCS
0700 022 18	18 mm	39.0 mm	1 PCS
0700 022 19	19 mm	39.0 mm	1 PCS
0700 022 20	20 mm	39.0 mm	1 PCS
0700 022 21	21 mm	39.0 mm	1 PCS
0700 022 22	22 mm	39.0 mm	1 PCS
0700 022 24	24 mm	40.0 mm	1 PCS

Art. No.	Width across flats	Length	Packaging unit (VPE)
0700 022 27	27 mm	42.0 mm	1 PCS
0700 022 30	30 mm	45.0 mm	1 PCS
0700 022 32	32 mm	45.0 mm	1 PCS

RECA heavy-duty socket wrench insert 1/2" DIN 3129

Product description:
For impact screwdriver insert, hexagon in line with DIN 3129.
Design: forged, phosphated.
Material: Chrome vanadium tool steel.



Art. No.	Width across flats	Length	Packaging unit (VPE)
0695 200 170	18 mm	38.0 mm	1 PCS
0695 200 176	24 mm	41.0 mm	1 PCS

RECA power nut driver 1/2", 14 pcs.

Product description:
The RECA impact socket securely grips all hexagon screw heads that cannot be released using a normal wrench.
Sharp edges in the spiral socket bite into the steel of stripped hexagon heads (of screws, nuts etc.) and releases unions easily.
Can be used with ratchets or impact screwdrivers.



Art. No.	Packaging unit (VPE)
0700 012 901	1 PCS









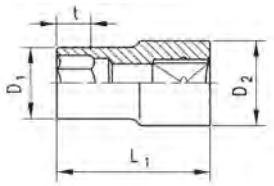
RECA 1/2" socket wrench inserts, short version, metric with hexagon head

Product description:
Socket wrench inserts, metric with hexagon head.
Short version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon head
Material: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3124, ISO 2725

Drive: 1/2 inch







Art. No.	Tip size	Length (L1)	Diameter (D1)	Diameter 2 (D2)	Depth (t)	Weight	Packaging unit (VPE)
0700 120 110	10 mm	38 mm	15.5 mm	22 mm	14 mm	43 g	1 PCS
0700 120 111	11 mm	38 mm	16.5 mm	22 mm	14 mm	45 g	1 PCS
0700 120 112	12 mm	38 mm	18 mm	22 mm	14 mm	47 g	1 PCS
0700 120 113	13 mm	38 mm	19 mm	22 mm	14 mm	50 g	1 PCS
0700 120 114	14 mm	38 mm	20.5 mm	22 mm	14 mm	52 g	1 PCS
0700 120 115	15 mm	38 mm	22 mm	22 mm	14 mm	54 g	1 PCS
0700 120 116	16 mm	38 mm	23 mm	23 mm	14 mm	62 g	1 PCS
0700 120 117	17 mm	38 mm	24 mm	23 mm	14 mm	66 g	1 PCS
0700 120 118	18 mm	38 mm	25.5 mm	24 mm	18.5 mm	73 g	1 PCS
0700 120 119	19 mm	38 mm	26.5 mm	25 mm	18.5 mm	81 g	1 PCS
0700 120 121	21 mm	38 mm	28.5 mm	26 mm	20 mm	90 g	1 PCS

Art. No.	Tip size	Length (L1)	Diameter (D1)	Diameter 2 (D2)	Depth (t)	Weight	Packaging unit (VPE)
0700 120 122	22 mm	41 mm	30 mm	26 mm	22.5 mm	100 g	1 PCS
0700 120 124	24 mm	41 mm	32 mm	26 mm	22.5 mm	111 g	1 PCS
0700 120 127	27 mm	44 mm	36 mm	30 mm	25.5 mm	160 g	1 PCS
0700 120 130	30 mm	44 mm	40 mm	34 mm	25.5 mm	210 g	1 PCS
0700 120 132	32 mm	44 mm	42 mm	36 mm	25.5 mm	225 g	1 PCS

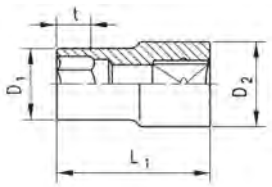
RECA 1/2" socket wrench inserts, long version, metric with hexagon head

Product description:
Socket wrench inserts, metric with hexagon head.
Long version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon head
Material: Chromium-vanadium steel
Surface: Fine satin finish
Standard: DIN 3124, ISO 2725

Drive: 1/2 inch
Length (L1): 77 mm







Art. No.	Tip size	Diameter (D1)	Diameter 2 (D2)	Depth (t)	Weight	Packaging unit (VPE)
0700 120 710	10 mm	15.5 mm	22 mm	25 mm	108 g	1 PCS
0700 120 713	13 mm	19 mm	22 mm	25 mm	112 g	1 PCS
0700 120 717	17 mm	24 mm	23 mm	30 mm	135 g	1 PCS
0700 120 719	19 mm	26.5 mm	25 mm	30 mm	162 g	1 PCS
0700 120 722	22 mm	30 mm	26 mm	35 mm	190 g	1 PCS
0700 120 724	24 mm	32 mm	26 mm	35 mm	204 g	1 PCS
0700 120 727	27 mm	36 mm	30 mm	35 mm	267 g	1 PCS
0700 120 730	30 mm	40 mm	34 mm	35 mm	335 g	1 PCS
0700 120 732	32 mm	42 mm	36 mm	35 mm	383 g	1 PCS

RECA 1/2" socket wrench inserts, hexagon socket, short version

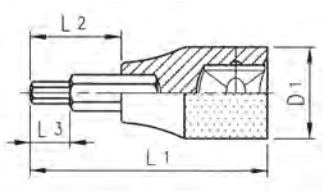
Product description:
Socket wrench inserts with hexagon socket.
Short version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon socket, DIN 7422
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Advice:
Also available in a set!

Drive: 1/2 inch
Tip type: Internal hexagon socket
Length (L1): 60 mm
Length 2 (L2): 20 mm







Art. No.	Tip size	Length 3 (L3)	Diameter (D1)	Weight	Packaging unit (VPE)
0700 120 205	5 mm	7.5 mm	22.5 mm	69 g	1 PCS
0700 120 206	6 mm	8.5 mm	22.5 mm	71 g	1 PCS
0700 120 207	7 mm	10.5 mm	22.5 mm	72 g	1 PCS
0700 120 208	8 mm	20 mm	22.5 mm	73 g	1 PCS
0700 120 210	10 mm	20 mm	22.5 mm	82 g	1 PCS
0700 120 212	12 mm	20 mm	22.5 mm	92 g	1 PCS
0700 120 214	14 mm	20 mm	25 mm	138 g	1 PCS
0700 120 217	17 mm	20 mm	28 mm	184 g	1 PCS

RECA 1/2" hexagon socket wrench inserts, long version

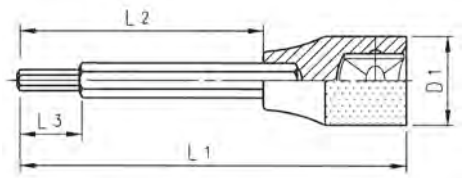
Product description:
Socket wrench inserts with hexagon socket.
Long version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon socket, DIN 7422
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Advice:
Also available in a set!

Drive: 1/2 inch
Tip type: Internal hexagon socket
Length (L1): 100 mm
Length 2 (L2): 60 mm







Art. No.	Tip size	Length 3 (L3)	Diameter (D1)	Weight	Packaging unit (VPE)
0700 120 405	5 mm	7.5 mm	22.5 mm	88 g	1 PCS
0700 120 406	6 mm	8.5 mm	22.5 mm	88 g	1 PCS
0700 120 407	7 mm	10.5 mm	22.5 mm	90 g	1 PCS
0700 120 408	8 mm	60 mm	22.5 mm	92 g	1 PCS
0700 120 410	10 mm	60 mm	22.5 mm	109 g	1 PCS
0700 120 412	12 mm	60 mm	22.5 mm	132 g	1 PCS
0700 120 414	14 mm	60 mm	25 mm	191 g	1 PCS
0700 120 417	17 mm	60 mm	28 mm	264 g	1 PCS

RECA 1/2" TX socket wrench inserts, short version

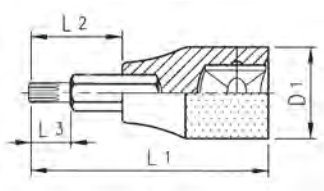
Product description:
Socket wrench inserts with TX.
Short version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon socket, DIN 7422
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Advice:
Also available in a set!

Drive: 1/2 inch
Length (L1): 60 mm







Art. No.	Tip size	Length 2 (L2)	Length 3 (L3)	Diameter (D1)	Weight	Packaging unit (VPE)
0700 120 325	TX25	20.5 mm	14 mm	22.5 mm	70 g	1 PCS
0700 120 327	TX27	20.5 m	14 mm	20.5 mm	70 g	1 PCS
0700 120 330	TX30	20.5 mm	14 mm	22.5 mm	70 g	1 PCS
0700 120 340	TX40	20.5 mm	14 mm	22.5 mm	70 g	1 PCS
0700 120 345	TX45	20.5 mm	14 mm	22.5 mm	72 g	1 PCS
0700 120 350	TX50	20.5 mm		22.5 mm	72 g	1 PCS
0700 120 355	TX55	20.5 mm		22.5 mm	82 g	1 PCS
0700 120 360	TX60	20.5 mm		22.5 mm	92 g	1 PCS

RECA 1/2" TX socket wrench inserts, long version

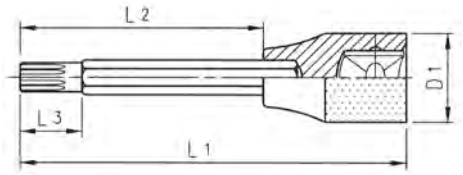
Product description:
Socket wrench inserts with TX.
Long version.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: Hexagon socket, DIN 7422
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish

Advice:
Also available in a set!

Drive: 1/2 inch
Length (L1): 100 mm
Length 2 (L2): 60 mm
Diameter (D1): 22.5 mm







Art. No.	Tip size	Length 3 (L3)	Weight	Packaging unit (VPE)
0700 120 525	TX25	14 mm	88 g	1 PCS
0700 120 527	TX27	14 mm	88 g	1 PCS
0700 120 530	TX30	14 mm	88 g	1 PCS
0700 120 540	TX40	14 mm	89 g	1 PCS
0700 120 545	TX45	14 mm	89 g	1 PCS
0700 120 550	TX50		89 g	1 PCS
0700 120 555	TX55		108 g	1 PCS
0700 120 560	TX60		130 g	1 PCS

RECA hexagon socket/TX socket wrench sets

Product description:
Set with eight socket wrench inserts mounted on a clamping strip.
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.

Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Version: Chromium-vanadium steel/steel
Surface: Fine satin finish





Art. No.	Type description	Content remark	Length	Weight	Packaging unit (VPE)
0700 120 400	RECA hexagon socket wrench set, 8 pieces, long version	Hexagon socket: 5/6/7/8/10/12/14/17	100 mm	1115 g	1 PCS
0700 120 200	RECA hexagon socket wrench set, 8 pieces, short version	Hexagon socket: 5/6/7/8/10/12/14/17	60 mm	840 g	1 PCS
0700 120 300	RECA TX socket wrench set, 8 pieces, short version	TX: 25/27/30/40/45/50/55/60	60 mm	655 g	1 PCS
0700 120 500	RECA TX wrench set, 8 pieces, long version	TX: 25/27/30/40/45/50/55/60	100 mm	830 g	1 PCS

RECA 1/2" socket wrench clamping strip

Product description:
Up to eight wrenches always to hand, thanks to the practical clamping strip.
The plastic clamping strips are screw-on, can be fitted individually and do not rust.
The ball stop holds each socket wrench insert well on the black holder.

Advice:
2 clamping strips per packing unit, suitable for 8 1/2" socket wrenches



Length: 215 mm
Height: 23 mm
Weight: 61 g

Art. No.	Packaging unit (VPE)
0700 120 080	1 PCS

RECA extension POWER SYSTEM 4-in-1 1/2''



Art. No.	Length	Packaging unit (VPE)
0700 022 005	125.0 mm	1 PCS
0700 022 006	250.0 mm	1 PCS





RECA adapter 3/8'' inner to 1/2'' outer

Product description:
The adapter piece enables a 3/8" ratchet and 1/2" inserts to be used.

Length: 45.0 mm



Art. No.	Packaging unit (VPE)
0700 022 008	1 PCS

RECA cardan joint 1/2''

Drive (S2): 1/2 inch
Length (L1): 68.5 mm
Tip size (S1): 1/2 inch
Weight: 130 g
Diameter (D1): 24 mm



Art. No.	Packaging unit (VPE)
0700 120 159	1 PCS

RECA 1/2" adapter

Drive (S2): 1/2 inch



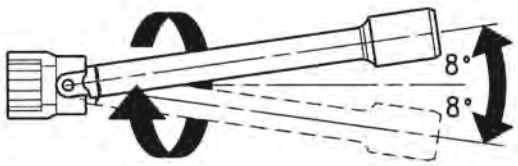
Art. No.	Type description	Tip size (S1)	Length (L1)	Diameter (D1)	Weight	Packaging unit (VPE)
0700 120 164	Adapter from 1/2" square socket to 3/4" square head	3/4 inch	45 mm	27 mm	136 g	1 PCS
0700 120 163	Adapter from 1/2" square socket to 3/8" square head	3/8 inch	36 mm	22 mm	52 g	1 PCS

RECA 1/2" angled extension

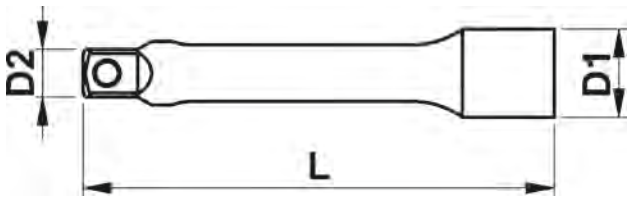
Product description:
Extension with offset function (8°), making it possible to work in positions that are difficult to access.
1. Insert level: Socket wrench moves easily
2. Insert level: Socket wrench is locked
Fine crosswise fluting for more grip, helpful when „pre-tightening" the screwed connection, for instance.



Drive: 1/2" square drive with ball catch groove to DIN 3120, ISO 1174
Output: 1/2" tilt square with ball stop
Material: Chromium-vanadium steel
Surface: Fine satin finish



Drive: 1/2 inch
Diameter (D1): 24 mm
Diameter 2 (D2): 1/2









Art. No.	Length (L)	Weight	Packaging unit (VPE)
0700 120 154	75 mm	135 g	1 PCS
0700 120 155	125 mm	217 g	1 PCS
0700 120 156	250 mm	426 g	1 PCS

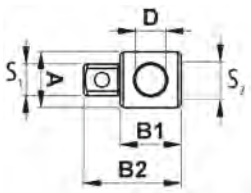
RECA 1/2" sliding piece adapter

Product description:
A T-handle is formed by inserting a 1/2" extension into the cross hole.
Can also be used as an enlarging adapter from 3/8" to 1/2"

Drive: 3/8" square drive with ball catch groove to DIN 3120, ISO 1174
Output: 1/2" square with ball stop to DIN 3120, ISO 1174
Material: Chromium-vanadium steel
Surface: Fine satin finish

Drive (S2): 3/8 inch
Tip size (S1): 1/2 inch
Length (B1): 27.5 mm
Length 2 (B2): 44 mm
Diameter of hole (D): 17 mm
Diameter (A): 24 mm
Weight: 70 g







Art. No.	Packaging unit (VPE)
0700 120 161	1 PCS

RECA impact socket wrench inserts 1/2", short version, metric

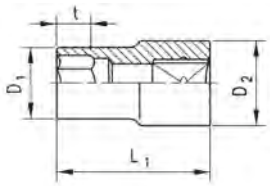
Product description:
Impact socket wrench inserts with hexagon socket.
Short version.
For machine actuation (impact driver).
In accordance with DIN 3129, ISO 2725-2

Drive: Square drive 1/2" in accordance with DIN 3121, ISO 1174
Output: Hexagon socket HEX
Version: Chrome molybdenum steel
Surface: phosphated

Advice:
Every impact socket wrench or every impact drive element must have a groove and a hole that must be locked with a safety connector pin and a safety o-ring.

Drive: 1/2 inch





Art. No.	Tip size	Length	Diameter	Diameter 2	Depth	Weight	Packaging unit (VPE)
0700 121 113	13 mm	38 mm	21 mm	24 mm	10 mm	65 g	1 PCS
0700 121 115	15 mm	38 mm	23 mm	24 mm	11 mm	75 g	1 PCS
0700 121 116	16 mm	38 mm	25 mm	24 mm	11 mm	75 g	1 PCS
0700 121 117	17 mm	38 mm	26 mm	26 mm	11 mm	90 g	1 PCS
0700 121 118	18 mm	38 mm	25 mm	24 mm	11 mm	75 g	1 PCS
0700 121 119	19 mm	38 mm	28 mm	28 mm	13 mm	110 g	1 PCS
0700 121 122	22 mm	38 mm	32 mm	30 mm	14 mm	120 g	1 PCS
0700 121 124	24 mm	38 mm	34 mm	30 mm	15 mm	140 g	1 PCS
0700 121 127	27 mm	38 mm	38 mm	30 mm	18 mm	170 g	1 PCS
0700 121 130	30 mm	42 mm	42 mm	30 mm	19 mm	180 g	1 PCS
0700 121 132	32 mm	44 mm	44 mm	30 mm	20 mm	220 g	1 PCS

RECA impact accessories 1/2“

Advice:
Every impact socket wrench or every impact drive element must have a groove and a hole that must be locked with a safety connector pin and a safety o-ring.















Art. No.	Type description	Drive	Tip size	Length	Weight	Packaging unit (VPE)
0700 121 160	Ball joint	1/2 inch	1/2 inch	67 mm	170 g	1 PCS
0700 121 163	Bit adapter	1/2 inch	E 6.3 (1/4 inch)	38 mm	60 g	1 PCS
0700 121 173	Connector pin			14 mm	10 g	5 PCS
0700 121 171	Connector pin			26 mm	14 g	5 PCS
0700 121 154	Extension	1/2 inch	1/2 inch	75 mm	220 g	1 PCS
0700 121 155	Extension	1/2 inch	1/2 inch	125 mm	425 g	1 PCS
0700 121 170	O-ring				12 g	5 PCS
0700 121 172	O-ring				10 g	5 PCS

RECA impact socket wrench inserts 1/2“, long version, metric

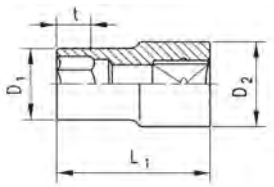
Product description:
Impact socket wrench inserts with hexagon socket.
Long version.
For machine actuation (impact driver).

Drive: Square drive 1/2“ in accordance with DIN 3121, ISO 1174
Output: Hexagon socket HEX
Version: Chrome molybdenum steel
Surface: phosphated

Advice:
Every impact socket wrench or every impact drive element must have a groove and a hole that must be locked with a safety connector pin and a safety o-ring.

Drive: 1/2 inch
Length: 78 mm





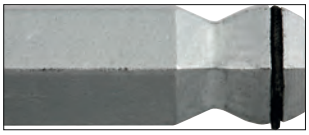
Art. No.	Tip size	Diameter	Diameter 2	Depth	Weight	Packaging unit (VPE)
0700 121 713	13 mm	21 mm	24 mm	14 mm	180 g	1 PCS
0700 121 716	16 mm	25 mm	24 mm	16 mm	210 g	1 PCS
0700 121 717	17 mm	26 mm	26 mm	17 mm	220 g	1 PCS
0700 121 718	18 mm	27 mm	28 mm	18 mm	220 g	1 PCS
0700 121 719	19 mm	26 mm	26 mm	17 mm	220 g	1 PCS
0700 121 722	22 mm	32 mm	30 mm	22 mm	230 g	1 PCS
0700 121 724	24 mm	34 mm	30 mm	24 mm	310 g	1 PCS
0700 121 727	27 mm	38 mm	30 mm	27 mm	410 g	1 PCS
0700 121 730	30 mm	42 mm	30 mm	30 mm	410 g	1 PCS
0700 121 732	32 mm	44 mm	30 mm	32 mm	430 g	1 PCS

RECA MagicRing T-handle wrench, long - hexagon/ball head

Product description:
RECA T-handle wrenches with MagicRing (from size 3 mm) grip hexagon socket screws perfectly in any position thanks to a high-strength spring steel ring. This makes tightening countersunk screws easy, even in deep blind holes.

Advantages:
- The MagicRing grips screws securely in any position.
- Hexagon ball head for working angles up to 25°.
- Special ball head geometry for increased torque.
- Also suitable for stainless steel, brass or other non-magnetisable screws.





Art. No.	Tip size	Length	Length 2	Packaging unit (VPE)
0701 735 015	1.5 mm	91.0 mm	15.0 mm	1 PCS

Art. No.	Tip size	Length	Length 2	Packaging unit (VPE)
0701 735 020	2 mm	101.0 mm	18.0 mm	1 PCS
0701 735 025	2.5 mm	113.0 mm	20.0 mm	1 PCS
0701 735 030	3 mm	128.0 mm	23.0 mm	1 PCS
0701 735 040	4 mm	142.0 mm	29.0 mm	1 PCS
0701 735 050	5 mm	163.0 mm	33.0 mm	1 PCS
0701 735 060	6 mm	184.0 mm	38.0 mm	1 PCS
0701 735 080	8 mm	206.0 mm	44.0 mm	1 PCS
0701 735 100	10 mm	231.0 mm	50.0 mm	1 PCS





RECA T-handle wrench DIN 911/ISO 2936 - hexagonal

Product description:
Rounded leading edges facilitate blade insertion
Chromium-vanadium steel, fully hardened, bright nickel-plated



Art. No.	Tip size	Length	Length 2	Packaging unit (VPE)
0701 720 015	1.5 mm	45.0 mm	14.0 mm	1 PCS
0701 720 020	2 mm	50.0 mm	16.0 mm	1 PCS
0701 720 025	2.5 mm	56.0 mm	18.0 mm	1 PCS
0701 720 030	3 mm	63.0 mm	20.0 mm	1 PCS
0701 720 040	4 mm	70.0 mm	25.0 mm	1 PCS
0701 720 050	5 mm	80.0 mm	28.0 mm	1 PCS
0701 720 060	6 mm	90.0 mm	32.0 mm	1 PCS
0701 720 070	7 mm	95.0 mm	34.0 mm	1 PCS
0701 720 080	8 mm	100.0 mm	36.0 mm	1 PCS
0701 720 090	9 mm	105.0 mm	38.0 mm	1 PCS
0701 720 100	10 mm	112.0 mm	40.0 mm	1 PCS
0701 720 120	12 mm	125.0 mm	45.0 mm	1 PCS
0701 720 140	14 mm	140.0 mm	55.0 mm	1 PCS
0701 720 170	17 mm	160.0 mm	60.0 mm	1 PCS
0701 720 190	19 mm	180.0 mm	70.0 mm	1 PCS

RECA T-handle wrench, long, DIN 911/ISO 2936 - hexagonal

Product description:
Rounded leading edges facilitate blade insertion
Chromium-vanadium steel, fully hardened, bright nickel-plated
Long design



Art. No.	Tip size	Length	Length 2	Packaging unit (VPE)
0701 730 025	2.5 mm	112.0 mm	18.0 mm	1 PCS
0701 730 030	3 mm	126.0 mm	20.0 mm	1 PCS
0701 730 040	4 mm	140.0 mm	25.0 mm	1 PCS
0701 730 050	5 mm	160.0 mm	28.0 mm	1 PCS
0701 730 060	6 mm	180.0 mm	32.0 mm	1 PCS
0701 730 080	8 mm	200.0 mm	36.0 mm	1 PCS
0701 730 100	10 mm	224.0 mm	40.0 mm	1 PCS
0701 730 120	12 mm	250.0 mm	45.0 mm	1 PCS
0701 730 140	14 mm	280.0 mm	55.0 mm	1 PCS
0701 730 170	17 mm	320.0 mm	60.0 mm	1 PCS
0701 730 190	19 mm	360.0 mm	70.0 mm	1 PCS

RECA T-handle wrench, long - hexagonal on one side with ball head

Product description:
Chromium-vanadium steel, bright nickel-plated, fully hardened
Long design

Advantages:
- Ball head for recessed or poorly accessible hexagon socket screws at angles of up to 30°.



Art. No.	Tip size	Length	Length 2	Packaging unit (VPE)
0701 740 015	1.5 mm	90.0 mm	14.0 mm	1 PCS
0701 740 020	2 mm	100.0 mm	16.0 mm	1 PCS
0701 740 025	2.5 mm	112.0 mm	18.0 mm	1 PCS
0701 740 030	3 mm	126.0 mm	20.0 mm	1 PCS
0701 740 040	4 mm	140.0 mm	25.0 mm	1 PCS
0701 740 050	5 mm	160.0 mm	28.0 mm	1 PCS
0701 740 060	6 mm	180.0 mm	32.0 mm	1 PCS
0701 740 080	8 mm	200.0 mm	36.0 mm	1 PCS
0701 740 100	10 mm	224.0 mm	40.0 mm	1 PCS
0701 740 120	12 mm	250.0 mm	45.0 mm	1 PCS

RECA T-handle wrench, TX

Product description:
High-alloy chrome vanadium molybdenum steel
Fully hardened, galvanised.

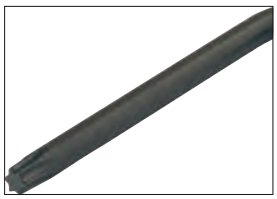


Art. No.	Tip size	Length	Length 2	Diameter	Packaging unit (VPE)
0701 750 06	TX6	42.0 mm	16.0 mm	2.5 mm	1 PCS
0701 750 07	TX7	48.0 mm	16.0 mm	2.5 mm	1 PCS
0701 750 08	TX8	48.0 mm	16.0 mm	2.5 mm	1 PCS
0701 750 09	TX9	48.0 mm	16.0 mm	3.0 mm	1 PCS
0701 750 10	TX10	51.0 mm	17.0 mm	3.0 mm	1 PCS
0701 750 15	TX15	54.0 mm	18.0 mm	3.5 mm	1 PCS
0701 750 20	TX20	57.0 mm	19.0 mm	4.0 mm	1 PCS
0701 750 25	TX25	60.0 mm	20.0 mm	4.5 mm	1 PCS
0701 750 27	TX27	63.0 mm	21.0 mm	5.5 mm	1 PCS
0701 750 30	TX30	70.0 mm	24.0 mm	6.0 mm	1 PCS

RECA T-handle wrench, long TX

Product description:
TX socket, T-handle wrench from chromium-vanadium steel. Long version, steel grey.





Art. No.	Tip size	Length	Length 2	Diameter	Packaging unit (VPE)
0701 750 010	TX10	121 mm	23 mm	3 mm	1 PCS
0701 750 015	TX15	136 mm	27 mm	3.5 mm	1 PCS
0701 750 020	TX20	148 mm	29 mm	4 mm	1 PCS
0701 750 025	TX25	163 mm	33 mm	4.5 mm	1 PCS
0701 750 027	TX27	170 mm	36 mm	5.5 mm	1 PCS
0701 750 030	TX30	178 mm	38 mm	6 mm	1 PCS
0701 750 040	TX40	188 mm	43 mm	7 mm	1 PCS
0701 750 045	TX45	195 mm	46 mm	8 mm	1 PCS
0701 750 050	TX50	200 mm	50 mm	9 mm	1 PCS

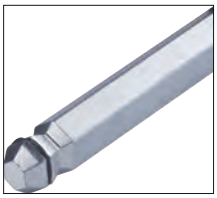
RECA COMPACT T-handle wrench set, 7 pieces, - MagicRing ball head

Product description:
Sets in new COMPACT impact-resistant plastic case.
Ergonomic design for optimum handling.
Innovative eject button for easy and simple selection of the desired wrench size.
RECA T-handle wrenches with MagicRing (from size 3 mm) grip hexagon socket screws perfectly in any position thanks to a high-strength spring steel ring. This makes tightening countersunk screws easy, even in deep blind holes.

Advantages:
- The spring steel MagicRing (from size 3 mm) grips all standard screws securely in any position.
- The ball head enables screws to be tightened at angles of up to 25°.

Content remark: AF 2/2.5/3/4/5/6/8





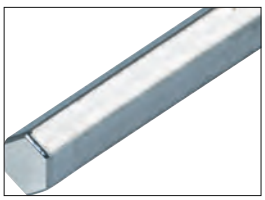
Art. No.	Packaging unit (VPE)
0701 749 507	1 PCS

RECA COMPACT T-handle wrench set, 7 pieces, hexagonal

Product description:
Sets in new COMPACT impact-resistant plastic case.
Ergonomic design for optimum handling.
Innovative eject button for easy and simple selection of the desired wrench size.
Rounded leading edges facilitate blade insertion.
Chromium-vanadium steel, fully hardened, bright nickel-plated.

Content remark: AF 2/2.5/3/4/5/6/8





Art. No.	Packaging unit (VPE)
0701 729 507	1 PCS

RECA COMPACT T-handle wrench set, 8 pieces, TX

Product description:
Sets in new COMPACT impact-resistant plastic case.
Ergonomic design for optimum handling.
Innovative eject button for easy and simple selection of the desired wrench size.
High-alloy chrome vanadium molybdenum steel.
Fully hardened, burnished.

Content remark: TX 9/10/15/20/25/27/30/40





Art. No.	Packaging unit (VPE)
0701 759 508	1 PCS

RECA MagicRing T-handle wrench set 9 pcs., hexagonal/ball head

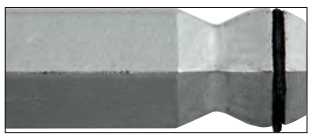
Product description:
RECA T-handle wrenches in long design with MagicRing (from size 3 mm) grip hexagon socket screws perfectly in any position thanks to a high-strength spring steel ring. This makes tightening countersunk screws easy, even in deep blind holes.

Advantages:
- The MagicRing grips screws securely in any position.
- Hexagon ball head for working angles up to 25°.
- Special ball head geometry for increased torque.
- Also suitable for stainless steel, brass or other non-magnetisable screws.
- Folding case for rapid retrieval and replacement of each wrench without disturbing the others.
- Sizes marked on every wrench clip for an optimum overview and rapid selection.

Content remark: AF 1.5/2/2.5/3/4/5/6/8/10







Art. No.	Packaging unit (VPE)
0701 735 001	1 PCS







RECA IMPACT T-handle wrench set, 9 pieces, hexagonal

Product description:
Rounded leading edges facilitate blade insertion
Chromium-vanadium steel, fully hardened, bright nickel-plated

Content remark: AF 1.5/2/2/3/4/5/6/8/10



Art. No.	Packaging unit (VPE)
0701 729 309	1 PCS

RECA IMPACT T-handle wrench set 9 pcs., hexagonal/ball head

Product description:
Chromium-vanadium steel, bright nickel-plated, fully hardened
Long design

Advantages:
- Ball head for recessed or poorly accessible hexagon socket screws at angles of up to 30°.

Content remark: AF 1.5/2/2.5/3/4/5/6/8/10



Art. No.	Packaging unit (VPE)
0701 749 309	1 PCS

RECA T-handle wrench set, 8 pieces - TX

Product description:
High-alloy chrome vanadium molybdenum steel
Fully hardened, burnished

Content remark: TX 9/10/15/20/25/27/30/40



Art. No.	Packaging unit (VPE)
0701 759 308	1 PCS

RECA T-handle wrench set – TX, long version

Product description:
9-piece set with TX socket T-handle wrenches made from chromium-vanadium steel. Long version, steel grey.



Art. No.	Packaging unit (VPE)
0701 759 309	1 PCS

RECA T-handle wrench set, 8 pieces, in sliding box, hexagonal

Product description:
T-handle wrenches in line with DIN 911, bright nickel-plated, fully hardened

Content remark: SIZES: 2/2.5/3/4/5/6/8/10



Art. No.	Packaging unit (VPE)
0701 790 8	1 PCS

RECA T-handle wrench on ring, 8 pcs., hexagonal

Product description:
T-handle wrenches in line with DIN 911, bright nickel-plated, fully hardened

Content remark: SIZES: 2/2.5/3/4/5/6/8/10



Art. No.	Packaging unit (VPE)
0701 729 108	1 PCS

2C T-handle wrench, hexagon socket

Product description:
The full-length hexagonal blade is produced from high-quality chromium-vanadium steel and has a „Black Tip" for precise adjustment and greater torque. The integrated lateral output allows simple and effortless loosening and tightening of screwed connections. This is particularly suitable for seized-up screwed connections. Thanks to the very good handle geometry, the 2-component handle sits exceptionally well in the hand. In addition, the T-handle wrench can be hung from a tool wall thanks to the integrated hole.



Advantages:
- Full-length blade with a „Black Tip" for precise adjustment and greater torque
- With lateral output
- Ergonomic 2C handle
- Integrated hole in handle for hanging on a tool wall

Advice:
Also available in a set with a workshop stand!

Art. No.	Tip size	Length	Blade length	Handle width x length x length of side tip	Length of screwdriver side tip	Packaging unit (VPE)
0701 632 120	2 mm	151 mm	125 mm	15 x 60 x 15 mm	15 mm	1 PCS
0701 632 125	2.5 mm	151 mm	125 mm	15 x 60 x 15 mm	15 mm	1 PCS
0701 632 130	3 mm	151 mm	125 mm	15 x 60 x 15 mm	15 mm	1 PCS
0701 632 140	4 mm	151 m	125 mm	15 x 60 x 15 mm	15 mm	1 PCS
0701 632 150	5 mm	184 mm	150 mm	20 x 80 x 20 mm	20 mm	1 PCS
0701 632 160	6 mm	184 mm	150 mm	20 x 80 x 18 mm	18 mm	1 PCS
0701 632 180	8 mm	218 mm	175 mm	25 x 100 x 25 mm	25 mm	1 PCS
0701 632 110	10 mm	218 mm	175 mm	25 x 100 x 25 mm	25 mm	1 PCS

2C T-handle wrench, TX

Product description:
The full-length circular blade is produced from high-quality chromium-vanadium steel and has a „Black Tip" for precise adjustment and greater torque. The integrated lateral output allows simple and effortless loosening and tightening of screwed connections. This is particularly suitable for seized-up screwed connections. Thanks to the very good handle geometry, the 2-component handle sits exceptionally well in the hand. In addition, the T-handle wrench can be hung from a tool wall thanks to the integrated hole.



Advantages:
- Full-length blade with a „Black Tip" for precise adjustment and greater torque
- With lateral output
- Ergonomic 2C handle
- Integrated hole in handle for hanging on a tool wall

Advice:
Also available in a set with a workshop stand!

Art. No.	Tip size	Length	Blade length	Handle width x length x length of side tip	Length of screwdriver side tip	Packaging unit (VPE)
0701 633 109	TX9	150 mm	125 mm	16 x 60 x 18 mm	18 mm	1 PCS
0701 633 110	TX10	150 mm	125 mm	16 x 60 x 18 mm	18 mm	1 PCS
0701 633 115	TX15	150 mm	125 mm	16 x 60 x 18 mm	18 mm	1 PCS
0701 633 120	TX20	150 mm	125 mm	16 x 60 x 18 mm	18 mm	1 PCS
0701 633 125	TX25	185 mm	150 mm	20 x 80 x 20 mm	20 mm	1 PCS
0701 633 127	TX27	185 mm	150 mm	20 x 80 x 20 mm	20 mm	1 PCS
0701 633 130	TX30	185 mm	150 mm	20 x 80 x 20 mm	20 mm	1 PCS
0701 633 140	TX40	220 mm	175 mm	25 x 100 x 23 mm	23 mm	1 PCS

2C T-handle socket wrench

Product description:
The circular blade is produced from high-quality chromium-vanadium steel.
Hexagon socket output to DIN 475/2.
Thanks to the very good handle geometry, the 2-component handle sits exceptionally well in the hand. In addition, the T-handle wrench can be hung from a tool wall thanks to the integrated hole.



Advantages:
- Ergonomic 2C handle
- Integrated hole in the handle for hanging on a tool wall

Blade length: 240 mm

Art. No.	Tip size	Length	Packaging unit (VPE)
0701 630 107	7 mm	270 mm	1 PCS
0701 630 108	8 mm	270 mm	1 PCS
0701 630 109	9 mm	270 mm	1 PCS
0701 630 110	10 mm	280 mm	1 PCS
0701 630 113	13 mm	280 mm	1 PCS

2C T-handle wrench sets

Product description:
The full-length blade is produced from high-quality chromium-vanadium steel and has a „Black Tip" for precise adjustment and greater torque. The integrated lateral output allows simple and effortless loosening and tightening of screwed connections. This is particularly suitable for seized-up screwed connections. Thanks to the very good handle geometry, the 2-component handle sits exceptionally well in the hand. In addition, the T-handle wrench can be hung from a tool wall thanks to the integrated hole.



Advantages:
- Full-length blade with a „Black Tip" for precise adjustment and greater torque
- With lateral output
- Ergonomic 2C handle
- Integrated hole in handle for hanging on a tool wall
- Including workshop stand

Art. No.	Type description	Content remark	Packaging unit (VPE)
0701 632 107	2-component T-handle hexagon socket wrench	Hexagon socket: 2/2.5/3/4/5/6/8	1 PCS
0701 633 108	2-component T-handle TX wrench	TX: 9/10/15/20/25/27/30/40	1 PCS

RECA impact bit set TX/PH, 10 pcs.

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw. Also effective for TX drives.



Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!

Advice:
Only limited suitability for use in metal (screw connections)!

Content remark: 2 x PH 2, 2 x PH 3, 1 x TX 20, 2 x TX 25, 1 x TX 30, 1 x TX 40, 1 impact bit holder

Art. No.	Packaging unit (VPE)
0702 930 010	1 PCS

RECA impact bit set TX/PX, 10 pcs.

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw. Also effective for TX drives.



Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!

Advice:
Only limited suitability for use in metal (screw connections)!

Content remark: 2 x PZ 2, 2 x PZ 3, 1 x TX 20, 2 x TX 25, 1 x TX 30, 1 x TX 40, 1 impact bit holder

Art. No.	Packaging unit (VPE)
0702 930 020	1 PCS

RECA impact bit set TX/PZ/PH/HEX, 30 pcs.

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw. Also effective for TX drives.



Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!

Advice:
Only limited suitability for use in metal (screw connections)!

Content remark: 3 x PH 2, 3 x PH 3, 3 x PZ 2, 3 x PZ 3, 2 x TX 20, 4 x TX 25, 3 x TX 30, 3 x TX 40, 2 x HEX 4, 2 x HEX 5, 2 x HEX 6, 1 impact bit holder

Art. No.	Packaging unit (VPE)
0702 930 030	1 PCS

RECA impact bit set 50 mm, TX/PZ/PH, 6 pcs.

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw. Also effective for TX drives.

Advantages:
- Ideal for use in impact screwdrivers.

Advice:
Only limited suitability for use in metal (screw connections)!

Content remark: PH 2 PH 3 PZ 2 PZ 3 TX 25 TX 30



Art. No.	Packaging unit (VPE)
0702 930 050	1 PCS

RECA bit set Inox TX 10 pcs.

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.

Advice:
Although stainless steel is considered „rust-proof", precautions must be taken during processing to prevent „extraneous rust".
This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen.
This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion.
Screwing presents a particular risk. In this case, contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.

Content remark: 1 x TX10, 2 x TX15, 2 x TX20, 2 x TX25, 2 x TX30, 1 x Inox bit holder



Art. No.	Packaging unit (VPE)
0702 930 061	1 PCS

RECA bit set Inox TX+PZ+PH, 10 pcs.

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.



Advice:
Although stainless steel is considered „rust-proof", precautions must be taken during processing to prevent „extraneous rust".
This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen.
This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion.
Screwing presents a particular risk. In this case, contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.

Content remark: 1 x TX20, 1 x TX25, 1 x TX30, 2 x PZ2, 1 x PZ3, 2 x PH2, 1 x PH3, 1 x Inox bit holder

Art. No.	Packaging unit (VPE)
0702 930 062	1 PCS

RECA bit nut setter set „All-in-One", 39 pcs.

Product description:
This compact 39-piece bit and socket set features a multitude of tools in a compact format. It is a universal companion for many screwing applications at work, for sports, in the home and during leisure activities.
The set comprises a bit ratchet, mini screwdriver handle, a Bit-Click bit holder, 28 bits, seven sockets and a socket adapter.



Advantages:
- The bits are suitable for screwing applications in metal and wood.
- The bits can be used manually or in power tools.
- 1/4" fine-toothed bit ratchet tool (max. torque 62 Nm) for rapid work.
- Bit-Click bit holder with quick-release sleeve for changing bits in a flash.
- Small screwdriver handle in which all bits and sockets can be inserted.

Content remark: 1 bit ratchet 1/4 inch x 87.0 mm;
1 screwdriver push-fit handle 78 mm;
1 Bit-Click bit holder 1/4 inch x 50 mm;
1 nut setter 1/4 inch x E6.3 x 25 mm;
Bits:
Phillips:
1 x PH 1x25 mm, 3 x PH 2x25 mm, 1 x PH 3x25 mm;
Pozidriv:
1 x PZ 1x25 mm, 2 x PZ 2x25 mm, 1 x PZ 3x25 mm;
Torx:
1 x TX 10x25 mm, 2 x TX 15x25 mm, 2 x TX 20x25 mm, 2 x TX 25x25 mm, 1 x TX 30x25 mm, 1 x TX 40x25 mm;
Torx with head hole:
1 x TX 10x25 mm, 1 x TX 15x25 mm, 1 x TX 20x25 mm, 1 x TX 25x25 mm, 1 x TX 30x25 mm
Slot:
1 x SL 1.0x5.5x25 mm
Hexagonal (HEX):
1 x AF 3.0x25 mm, 1 x AF 4.0x25 mm, 1 x AF 5.0x25mm, 1 x AF 6.0x25 mm
Hexagon sockets, 1/4 inch:
1 x 5.5x23 mm, 1 x 6.0x23 mm, 1 x 7.0x23 mm, 1 x 8.0x23 mm, 1 x 10.0x23 mm, 1 x 12.0x23 mm, 1 x 13.0x23 mm

Art. No.	Packaging unit (VPE)
0702 930 001	1 PCS



RECA bit set TXW+PZ, 10 pcs.

Product description:
The advanced RECA EVO TX drive brings huge advantages for TX drives.
It's conical shape allows the screws to „clamp" on the bit, thereby permitting even one-handed assembly.

Field of Application:
TXW = TX wedge
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.



Content remark: 1 x TXW10, 1 x TXW 15, 1 x TXW20, 1 x TXW25, 1 x TXW30, 1 x TXW40,
1 x PZ1, 1 x PZ2, 1 x PZ3
1 x bit holder RECA bit click without magnet, 50 mm long

Art. No.	Packaging unit (VPE)
0702 930 071	1 PCS



RECA bit set TX, 10 pcs.

Product description:
RECA bit assortment featuring RECA Classic bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 1 x TX10, 2 x TX15, 2 x TX20, 2 x TX25, 1 x TX30, 1 x TX40
1 x RECA bit holder 1/4" 50 mm with magnet



Art. No.	Packaging unit (VPE)
0702 930 072	1 PCS



RECA bit set universal, 10 pcs.

Product description:
The universal bit set featuring Pozidriv, Phillips and slotted bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 1 x PZ1, 1 x PZ2, 1 x PZ3
1 x PH1, 1 x PH2, 1 x PH3
1 x SL0.8x5.5, 1 x SL1.0x6.0, 1 x SL1.2x6.5
1 x RECA bit holder 1/4" 50 mm with magnet



Art. No.	Packaging unit (VPE)
0702 930 073	1 PCS



RECA bit set TX+PZ+PH, 10 pcs.

Product description:
Bit set featuring the most common TX, Pozidriv and Phillips bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 1 x TX10, 1 x TX15, 1 x TX20, 1 x TX25, 1 x TX30
1 x PZ1, 1 x PZ2
1 x PH1, 1 x PH2
1 x RECA bit holder 1/4" 50 mm with magnet



Art. No.	Packaging unit (VPE)
0702 930 074	1 PCS



RECA bit set HPE (heating, plumbing, electrical), 10 pcs.

Product description:
The special bit set for the plumbing, heating and electrical trade.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 1 x TX20, 1 x TX25, 1 x TX30
1 x PZ1, 1 x PZ2, 1 x PZ3
1 x PH1, 1 x PH2,
1 x HEX6.0
1 x RECA bit holder 1/4" 50 mm with magnet



Art. No.	Packaging unit (VPE)
0702 930 075	1 PCS



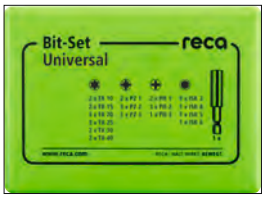
RECA bit set universal, 31 pcs.

Product description:
The universal bit set featuring TX, Pozidriv, Phillips and hexagon socket bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 2 x TX10, 2 x TX15, 3 x TX20, 3 x TX25, 2 x TX30, 2 x TX40
2 x PZ1, 3 x PZ2, 1 x PZ3
2 x PH1, 3 x PH2, 1 x PH3
1 x HEX3, 1 x HEX4, 1 x HEX5, 1 x HEX6
1 x RECA bit holder 1/4" 75 mm with magnet





Art. No.	Packaging unit (VPE)
0702 930 081	1 PCS

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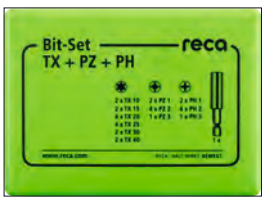
RECA bit set TX+PZ+PH, 31 pcs.

Product description:
Bit set featuring the most common TX, Pozidriv and Phillips bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 2 x TX10, 2 x TX15, 4 x TX20, 4 x TX25, 2 x TX30, 2 x TX40
2 x PZ1, 4 x PZ2, 1 x PZ3
2 x PH1, 4 x PH2, 1 x PH3
1 x RECA bit holder 1/4" 75 mm with magnet





Art. No.	Packaging unit (VPE)
0702 930 082	1 PCS

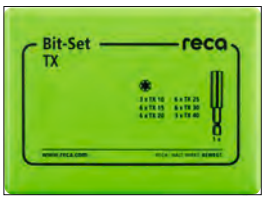
RECA bit set TX, 31 pcs.

Product description:
Pure TX bit set featuring 6 of the most common TX bits.

Field of Application:
Tough bits, ideal for screw connections in hard materials such as sheet metal or metal.

Content remark: 3 x TX10, 6 x TX15, 6 x TX20, 6 x TX25, 6 x TX30, 3 x TX40
1 x RECA bit holder 1/4" 75 mm with magnet





Art. No.	Packaging unit (VPE)
0702 930 083	1 PCS

RECA impact bit TX 1/4"

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw. Also effective for TX drives.



Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!



Field of Application:
TX socket screws

Advice:
Only limited suitability for use in metal (screw connections)!

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 532 025	TX20	25.0 mm	12 PCS
0702 532 525	TX25	25.0 mm	12 PCS
0702 532 550	TX25	50.0 mm	6 PCS
0702 533 025	TX30	25.0 mm	12 PCS
0702 533 050	TX30	50.0 mm	6 PCS
0702 534 025	TX40	25.0 mm	12 PCS
0702 534 050	TX40	50.0 mm	6 PCS

RECA Inox bit, 1/4 inch

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.

Field of Application:
TX socket screws made of stainless steel

Advice:
Although stainless steel is considered „rust-proof", precautions must be taken during processing to prevent „extraneous rust". This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen. This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion. Screwing presents a particular risk
- contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.







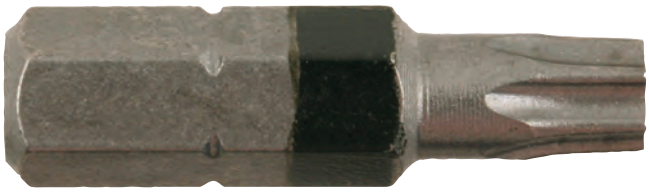
Length: 25.0 mm
Adapter type: 1/4 inch

Art. No.	Tip size	Packaging unit (VPE)
0702 351 025	TX10	6 PCS
0702 351 525	TX15	6 PCS
0702 352 025	TX20	6 PCS
0702 352 525	TX25	6 PCS
0702 353 025	TX30	6 PCS

RECA EVO bit TXW 1/4 inch

Product description:
The advanced RECA EVO TX drive brings huge advantages for TX drives.
It's conical shape (wedge profile) allows the screws to „clamp" on the bit, thereby permitting even one-handed assembly.

Field of Application:
W = wedge TX, tough, ideal for screw connections in hard materials such as sheet metal or metal.



Length: 25.0 mm
Adapter type: 1/4 inch



Art. No.	Tip size	Packaging unit (VPE)
0702 311 002	TX10	12 PCS
0702 311 502	TX15	12 PCS
0702 312 002	TX20	12 PCS
0702 312 502	TX25	12 PCS
0702 313 002	TX30	12 PCS
0702 314 002	TX40	12 PCS

RECA bit TX with head recess - 1/4 inch

Product description:
TX bit with head hole.
Designed to prevent „safety screwed connections" from being loosened without authorisation. To prevent the use of „standard" TX tools, the screws have a protruding
pin in their drive profile. This is held in the hole of the TX tools and the safety screw connection can be loosened.



Field of Application:
TX socket screws with locking pin

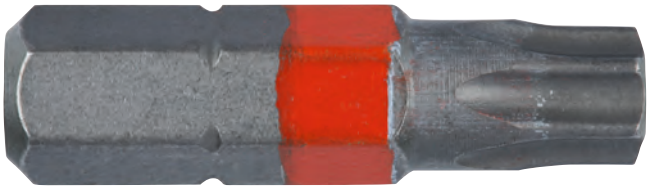
Length: 25.0 mm
Adapter type: 1/4 inch



Art. No.	Tip size	Packaging unit (VPE)
0702 341 002	TX10	12 PCS
0702 341 502	TX15	12 PCS
0702 342 002	TX20	12 PCS
0702 342 502	TX25	12 PCS
0702 343 002	TX30	12 PCS
0702 344 002	TX40	12 PCS

RECA bit TX 1/4"

Product description:
RECA Classic TX bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.



Field of Application:
TX socket screws

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 330 802	TX8	25.0 mm	12 PCS
0702 330 815	TX8	152.0 mm	3 PCS
0702 330 902	TX9	25.0 mm	12 PCS
0702 331 002	TX10	25.0 mm	12 PCS
0702 331 005	TX10	50.0 mm	6 PCS
0702 331 007	TX10	70.0 mm	3 PCS
0702 331 015	TX10	152.0 mm	3 PCS
0702 331 502	TX15	25.0 mm	12 PCS
0702 331 525	TX15	25.0 mm	25 PCS
0702 331 505	TX15	50.0 mm	6 PCS
0702 331 507	TX15	70.0 mm	3 PCS
0702 331 515	TX15	152.0 mm	3 PCS
0702 332 002	TX20	25.0 mm	12 PCS
0702 332 025	TX20	25.0 mm	25 PCS
0702 332 005	TX20	50.0 mm	6 PCS
0702 332 007	TX20	70.0 mm	3 PCS
0702 332 015	TX20	152.0 mm	3 PCS
0702 332 502	TX25	25.0 mm	12 PCS
0702 332 525	TX25	25.0 mm	25 PCS
0702 332 505	TX25	50.0 mm	6 PCS
0702 332 507	TX25	70.0 mm	3 PCS
0702 332 515	TX25	152.0 mm	3 PCS
0702 332 702	TX27	25.0 mm	12 PCS
0702 333 002	TX30	25.0 mm	12 PCS
0702 333 025	TX30	25.0 mm	25 PCS
0702 333 005	TX30	50.0 mm	6 PCS
0702 333 007	TX30	70.0 mm	3 PCS
0702 333 015	TX30	152.0 mm	3 PCS
0702 334 002	TX40	25.0 mm	12 PCS
0702 334 025	TX40	25.0 mm	25 PCS
0702 334 005	TX40	50.0 mm	6 PCS
0702 334 007	TX40	70.0 mm	3 PCS
0702 334 015	TX40	152.0 mm	3 PCS

RECA impact bit PZ recessed head 1/4“

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw.





Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!

Field of Application:
Phillips Pozidriv screws

Advice:
Only limited suitability for use in metal (screw connections)!

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 522 025	PZ2	25.0 mm	12 PCS
0702 522 050	PZ2	50.0 mm	6 PCS
0702 523 025	PZ3	25.0 mm	12 PCS
0702 523 050	PZ3	50.0 mm	6 PCS

RECA Inox bit PZ recessed head 1/4“

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.

Field of Application:
Phillips Pozidriv screws made of stainless steel

Advice:
Although stainless steel is considered „rust-proof“, precautions must be taken during processing to prevent „extraneous rust“.
This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen.
This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion.
Screwing presents a particular risk. In this case, contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.







Length: 25.0 mm
Adapter type: 1/4 inch

Art. No.	Tip size	Packaging unit (VPE)
0702 242 025	PZ2	6 PCS
0702 243 025	PZ3	6 PCS

RECA torsion bit PZ recessed head 1/4“

Product description:
When screwed connections are made mechanically, load peaks that often cause premature wear of the bit or destroy
the screw occur. These load peaks are minimised by the torsion zone and the screwing process becomes more reliable and productive.
This extends the service life of the tool. The bits have a sprung torsion zone that deflects energy
from the advancing tip when load peaks occur.



Advantages:
- The elastic torsion zone dampens high torque peaks, thereby preventing the advancing tip of the bit from breaking off. This ensures the bits offer a long service life.

Field of Application:
Phillips Pozidriv screws

Advice:
Tough bits. Ideal for screw connections in hard materials such as sheet metal or metal.

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 211 025	PZ1	25.0 mm	12 PCS
0702 211 050	PZ1	50.0 mm	6 PCS
0702 212 025	PZ2	25.0 mm	12 PCS
0702 212 050	PZ2	50.0 mm	6 PCS
0702 213 025	PZ3	25.0 mm	12 PCS
0702 213 050	PZ3	50.0 mm	6 PCS

RECA bit PZ recessed head 1/4"

Product description:
RECA Classic PZ bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.

Field of Application:
Phillips Pozidriv screws



Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 231 025	PZ1	25.0 mm	12 PCS
0702 231 026	PZ1	25.0 mm	25 PCS
0702 231 050	PZ1	50.0 mm	6 PCS
0702 231 070	PZ1	70.0 mm	3 PCS
0702 231 152	PZ1	152.0 mm	3 PCS
0702 232 025	PZ2	25.0 mm	12 PCS
0702 232 026	PZ2	25.0 mm	25 PCS
0702 232 050	PZ2	50.0 mm	6 PCS
0702 232 070	PZ2	70.0 mm	3 PCS
0702 232 110	PZ2	110.0 mm	3 PCS
0702 232 152	PZ2	152.0 mm	3 PCS
0702 233 025	PZ3	25.0 mm	12 PCS
0702 233 026	PZ3	25.0 mm	25 PCS
0702 233 050	PZ3	50.0 mm	6 PCS
0702 233 070	PZ3	70.0 mm	3 PCS
0702 234 032	PZ4	32.0 mm	9 PCS

RECA impact bit PH recessed head 1/4"

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw.



Advantages:
- Ideal for use in impact screwdrivers.
- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!



Field of Application:

Phillips screws

Advice:
Only limited suitability for use in metal (screw connections)!

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 512 025	PH2	25.0 mm	12 PCS
0702 512 050	PH2	50.0 mm	6 PCS
0702 513 025	PH3	25.0 mm	12 PCS
0702 513 050	PH3	50.0 mm	6 PCS

RECA Inox bit PH recessed head 1/4“

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.

Field of Application:
Phillips screws made of stainless steel

Advice:
Although stainless steel is considered „rust-proof“, precautions must be taken during processing to prevent „extraneous rust“.
This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen.
This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion.
Screwing presents a particular risk. In this case, contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.







Length: 25.0 mm
Adapter type: 1/4 inch

Art. No.	Tip size	Packaging unit (VPE)
0702 142 025	PH2	6 PCS
0702 143 025	PH3	6 PCS

RECA torsion bit PH recessed head 1/4“

Product description:
When screwed connections are made mechanically, load peaks that often cause premature wear of the bit or destroy
the screw occur. These load peaks are minimised by the torsion zone and the screwing process becomes more reliable and productive.
This extends the service life of the tool. The bits have a sprung torsion zone that deflects energy
from the advancing tip when load peaks occur.



Advantages:
- The elastic torsion zone dampens high torque peaks, thereby preventing the advancing tip of the bit from breaking off. This ensures the bits offer a long service life.

Field of Application:

Phillips screws

Advice:
Tough bits. Ideal for screw connections in hard materials such as sheet metal or metal.

Adapter type: 1/4 inch

Art. No.	Tip size	Length	Packaging unit (VPE)
0702 111 025	PH1	25.0 mm	12 PCS
0702 111 050	PH1	50.0 mm	6 PCS
0702 112 025	PH2	25.0 mm	12 PCS
0702 112 050	PH2	50.0 mm	6 PCS
0702 113 025	PH3	25.0 mm	12 PCS
0702 113 050	PH3	50.0 mm	6 PCS

RECA bit PH recessed head 1/4“

Product description:
RECA Classic PH bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.

Field of Application:
Phillips screws

Adapter type: 1/4 inch



Art. No.	Tip size	Length	Packaging unit (VPE)
0702 131 025	PH1	25.0 mm	12 PCS
0702 131 050	PH1	50.0 mm	6 PCS
0702 131 070	PH1	70.0 mm	3 PCS
0702 131 152	PH1	152.0 mm	3 PCS
0702 132 025	PH2	25.0 mm	12 PCS
0702 132 026	PH2	25.0 mm	25 PCS
0702 132 050	PH2	50.0 mm	6 PCS
0702 132 070	PH2	70.0 mm	3 PCS
0702 132 110	PH2	110.0 mm	3 PCS
0702 132 152	PH2	152.0 mm	3 PCS
0702 133 025	PH3	25.0 mm	12 PCS
0702 133 050	PH3	50.0 mm	6 PCS
0702 133 070	PH3	70.0 mm	3 PCS
0702 133 152	PH3	152.0 mm	3 PCS
0702 134 032	PH4	32.0 mm	9 PCS

RECA impact bit hexagon socket HEX 1/4“

Product description:
Impact bits match the respective drive and the individual screwing applications exactly thanks to unique hardening technology and the perfectly fitting geometries.
Impact bits feature a torsion zone. When combined with impact bit holders, which feature two torsion zones, they form the Tri-Torsion system.
Tips are equipped with diamond particles. This considerably reduces cam out forces that cause the bit to slip out of the screw.



Advantages:
- Ideal for use in impact screwdrivers.

- When used in combination with a RECA impact bit holder, users benefit from a significantly increased service life — up to 3 torsion zones help minimise extreme screw applications!

Field of Application:
ISK hexagon socket screws

Advice:
Only limited suitability for use in metal (screw connections)!

Length: 25.0 mm
Adapter type: 1/4 inch

Art. No.	Tip size	Packaging unit (VPE)
0702 564 025	4 mm	12 PCS
0702 565 025	5 mm	12 PCS
0702 566 025	6 mm	12 PCS

RECA Inox bit hexagon socket HEX 1/4"

Product description:
RECA INOX bits are vacuum oil hardened. These bits offer the relevant hardness and strength properties required for stainless steel screw connections.

Field of Application:
ISK hexagon socket screws made of stainless steel

Advice:
Although stainless steel is considered „rust-proof", precautions must be taken during processing to prevent „extraneous rust". This rust is caused by particles that adhere to standard steel materials. Such particles penetrate the stainless steel surface and transform into rust through exposure to oxygen. This can happen when tools made of conventional steel are used. Rust can develop on these tools due to abrasion. Screwing presents a particular risk
- contact is made with the screw, resulting in increased wear!
Stainless steel needs tools made from stainless steel!
With our RECA Inox bits, the user can be sure that no rust will develop when processing stainless steel screws.







Length: 25.0 mm
Adapter type: 1/4 inch

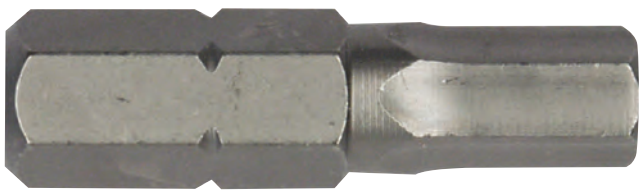
Art. No.	Tip size	Packaging unit (VPE)
0702 634 025	4 mm	6 PCS
0702 635 025	5 mm	6 PCS

RECA bit hexagon socket HEX 1/4"

Product description:
RECA Classic hexagon socket bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.

Field of Application:
ISK hexagon socket screws

Adapter type: 1/4 inch



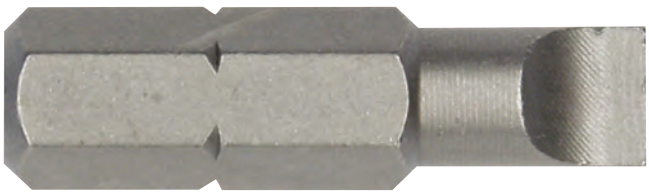
Art. No.	Tip size	Length	Packaging unit (VPE)
0702 630 226	2.5 mm	25.0 mm	12 PCS
0702 630 250	2.5 mm	50.0 mm	6 PCS
0702 630 325	3 mm	25.0 mm	12 PCS
0702 630 350	3 mm	50.0 mm	6 PCS
0702 630 389	3 mm	89.0 mm	3 PCS
0702 630 425	4 mm	25.0 mm	12 PCS
0702 630 450	4 mm	50.0 mm	6 PCS
0702 630 489	4 mm	89.0 mm	3 PCS
0702 630 525	5 mm	25.0 mm	12 PCS
0702 630 550	5 mm	50.0 mm	6 PCS
0702 630 589	5 mm	89.0 mm	3 PCS
0702 630 625	6 mm	25.0 mm	12 PCS
0702 630 650	6 mm	50.0 mm	6 PCS
0702 630 689	6 mm	89.0 mm	3 PCS
0702 630 825	8 mm	25.0 mm	12 PCS
0702 630 889	8 mm	89.0 mm	3 PCS

RECA slotted bit SL 1/4“

Product description:
RECA Classic slotted bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.

Field of Application:
Slotted screws

Adapter type: 1/4 inch



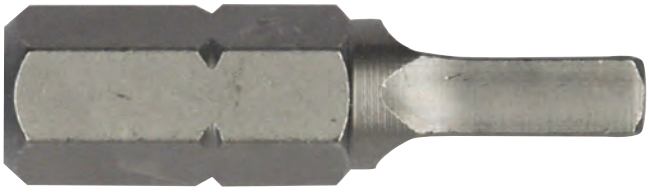
Art. No.	Slot width x slot length	Length	Packaging unit (VPE)
0702 433 002	0.5 x 3.0 mm	25.0 mm	12 PCS
0702 433 007	0.5 x 3.0 mm	70.0 mm	3 PCS
0702 433 507	0.6 x 3.5 mm	70.0 mm	3 PCS
0702 434 502	0.6 x 4.5 mm	25.0 mm	12 PCS
0702 434 002	0.8 x 4.0 mm	25.0 mm	12 PCS
0702 434 007	0.8 x 4.0 mm	70.0 mm	3 PCS
0702 435 502	0.8 x 5.5 mm	25.0 mm	12 PCS
0702 435 507	0.8 x 5.5 mm	70.0 mm	3 PCS
0702 436 002	1.0 x 6.0 mm	25.0 mm	12 PCS
0702 436 502	1.2 x 6.5 mm	25.0 mm	12 PCS
0702 436 507	1.2 x 6.5 mm	70.0 mm	3 PCS
0702 438 202	1.2 x 8.0 mm	25.0 mm	12 PCS
0702 438 602	1.6 x 8.0 mm	25.0 mm	12 PCS

RECA bit square drive 1/4“

Product description:
RECA Classic square drive bits are tough and therefore ideal for screw connections in hard metals such as sheet metal or metal.

Field of Application:
Square drive screws

Adapter type: 1/4 inch



Art. No.	Tip size	Length	Packaging unit (VPE)
0702 530 105	SQ SZ1	50.0 mm	6 PCS
0702 620 225	SQ SZ2	25.0 mm	6 PCS
0702 530 205	SQ SZ2	50.0 mm	6 PCS
0702 530 305	SQ SZ3	50.0 mm	6 PCS

RECA bit holder 1/4“, E 6.3

Product description:
RECA bit holder with snap ring and with or without magnet.

Drive: 1/4 inch
Adapter type: 1/4 inch, E 6.3



Art. No.	Length	Type	Packaging unit (VPE)
0702 812 050	50.0 mm	With magnet	1 PCS
0702 811 057	57.0 mm	Without magnet	1 PCS
0702 812 075	75.0 mm	With magnet	1 PCS

Bit holder FINE

Drive: 1/4 inch
Adapter type: FINE
Length: 75.0 mm

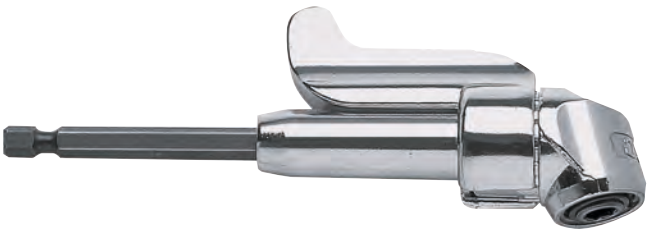


Art. No.	Packaging unit (VPE)
0702 832 075	1 PCS

Angled screwdriver attachment 1/4“, E 6.3

Product description:
Ideal for working in hard-to-reach areas, fits in any cordless drill; hardened special steel gears, magnet for securing bits in the mount.

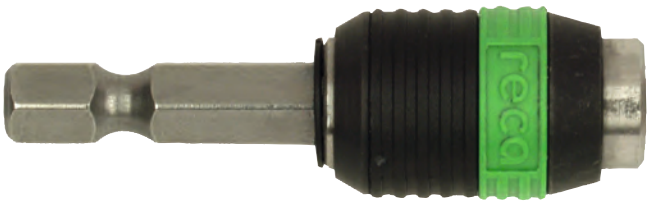
Drive: 1/4 inch
Adapter type: 1/4 inch, E 6.3
Length: 137 mm
Height: 52 mm



Art. No.	Packaging unit (VPE)
0702 880 120	1 PCS

RECA bit click bit holder 1/4“, E 6.3

Product description:
Bits can be inserted without sliding the sleeve forwards. Bits are locked in place automatically and cannot fall out. The mount unlocks when extracting bits so that even the smallest drives can be easily removed.

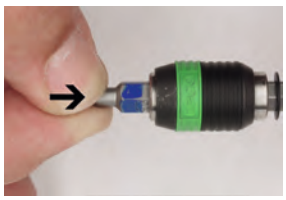


Advantages:
- Thanks to the locking mechanism, the bit does not remain stuck in the screw head — meaning there is no longer any need to remove the bit from the bit holder after the screwing process!
- Bits can be changed in next to no time without the use of tools and using just one hand.

Drive: 1/4 inch
Adapter type: 1/4 inch, E 6.3
Length: 50.0 mm

Art. No.	Type	Packaging unit (VPE)
0702 816 050	With magnet	1 PCS
0702 815 050	Without magnet	1 PCS





RECA magnetic bit holder BiG 1/4“, E 6.3

Product description:
The BiG magnetic holder secures both the bit and the screw from falling out, can be used for vertical or horizontal screw connections, universal application for all 25 mm bit types. Includes one PZ 2 bit.



Advantages:
- The screw head is also held in position — screws falling out is a thing of the past!
- Quick, one-handed screwing.

Drive: 1/4 inch
Adapter type: 1/4 inch, E 6.3
Length: 60.0 mm

Art. No.	Packaging unit (VPE)
0702 880 058	1 PCS

Universal holder with quick-change chuck 1/4‘‘

Product description:
Suitable for accommodating bits with a 1/4“ hexagon head drive in accordance with DIN ISO 1173-C 6.3.
Featuring a strong permanent magnet and quick-change chuck.



Drive: 1/4 inch
Length: 77.0 mm
Adapter type: 1/4 inch
Version: With magnet
Diameter: 14.3 mm

Art. No.	Packaging unit (VPE)
0702 814 077	1 PCS

RECA Inox bit holder 1/4“, E 6.3

Product description:
Stainless steel bit holder with snap ring.



Drive: 1/4 inch
Adapter type: 1/4 inch
Length: 50.0 mm

Art. No.	Packaging unit (VPE)
0702 811 050	1 PCS

RECA Impakt bit holder, 1/4 inch E 6.3

Product description:
The impact bit holder features a ring magnet that can also secure the screw if necessary. This guarantees quick and reliable positioning of the screw.
The impact bit holder also features 2 torsion zones of different sizes.



Advantages:
- Ideal for use in impact screwdrivers.

Advice:
Only limited suitability for use in metal (screw connections)!

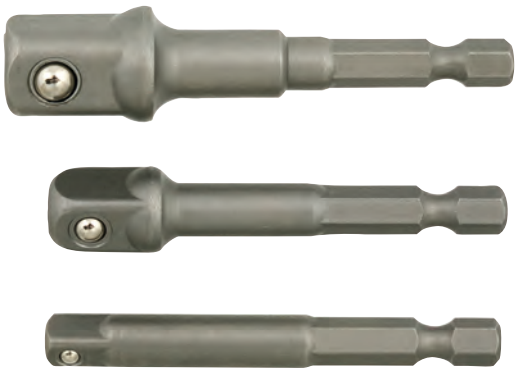
Drive: 1/4 inch
Adapter type: 1/4 inch
Length (Länge): 80.0 mm

Art. No.	Packaging unit (VPE)
0702 850 080	1 PCS

Square adapter set

Product description:
For fixing in electric screwdrivers and cordless drills. Consisting of 3 adapters and suitable for 1/4", 3/8" and 1/2".

Tip size: 3/8 - 1 inch, 1/2 - 1 inch, 1/4 inch
Tip type: Outer square
Adapter type: C 6.3



Art. No.	Packaging unit (VPE)
0702 881 030	1 PCS

Bit chuck with SDS drive arbor

Product description:
Bit chuck with SDS drive arbor.

Drive type: Suitable for SDS-plus
Adapter type: 1/4 inch, E 6.3
Length: 76 mm



Art. No.	Packaging unit (VPE)
0696 571 015	1 PCS

Tool shank connector, 1/4 inch

Drive: 1/4 inch
Adapter type: 1/4 inch



Art. No.	Length	Packaging unit (VPE)
0702 881 014	25.0 mm	1 PCS
0702 818 075	50.0 mm	1 PCS

RECA MAG BiT screwdriver

Product description:
Extendible telescopic mount for better access to hard-to-reach spots.
The telescopic mount with Bit-Click system can also be removed completely and inserted in a cordless drill.
Simply press the button on the front edge of the MAG BiT to open and push together to close.
A magazine for 6 bits is integrated in the handle.
Delivered in practical phone-format pouch with additional 20 bits.

Content remark: The MAG BiT is equipped with six 25-mm diamond bits – PH 1/2/3 – PZ 1/2/3.
Standard 25-mm bits are also included, 2 each of TX: 10/15/20/25/30 – PH 1/2x 2/3 – PZ 1/2x 2/3 - sl. 5.5 x 1.0/6.5 x 1.2.



Art. No.	Packaging unit (VPE)
0702 110 027	1 PCS








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RECA BIT BOY belt pouch with handle, 17 pcs.

Product description:
Ergonomic BiT BOY handle provides both high torque transfer and secure handling.
The new, innovative Bit-Click mounting system is integrated in the handle.

Content remark: Bits, 70 mm: PH 1/2/3 – PZ 1/2/3 – TX 10/15/20/25/30 – slotted 5.5 x 1.0.
Bits, 89 mm: HEX 3/4/5/6.
Handle.



Art. No.	Packaging unit (VPE)
0702 110 017	1 PCS





RECA BIT BOY handle 1/4“

Product description:
Ergonomic BiT BOY handle provides both high torque transfer and secure handling.
The new, innovative Bit-Click mounting system is integrated in the handle.

Length: 120.0 mm



Art. No.	Packaging unit (VPE)
0702 110 029	1 PCS

RECA 2C screwdriver with bit 1/4“ with magnetic ring

Product description:
Magnetic ring for one-handed screwing.
Can only be used with 1/4“ bits 25 mm long.

Adapter type: 1/4 inch
Length: 199.0 mm
Blade length: 100.0 mm
Handle length/handle width: 99 / 34 mm



Art. No.	Packaging unit (VPE)
0701 880	1 PCS





RECA bit nut setter with magnet 1/4“, E 6.3



Art. No.	Tip size	Adapter type	Length	Packaging unit (VPE)
0702 641 470	1/4 inch	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 643 870	3/8 inch	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 640 570	5.5 mm	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 640 770	7 mm	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 640 870	8 mm	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 641 070	10 mm	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 651 612	12 mm	5/16 inch	50.0 mm	1 PCS
0702 641 370	13 mm	1/4 inch, E 6.3	65.0 mm	1 PCS
0702 651 615	15 mm	5/16 inch	50.0 mm	1 PCS

RECA stainless steel bit nut setter 1/4“, E 6.3

Product description:
For tightening stainless steel hexagonal bolts.
Manufactured in stainless steel to prevent contact corrosion.
The clamp ring with ball lock ensures that screws are firmly seated and guarantees wobble-free screwing, even one-handed.

Adapter type: 1/4 inch, E 6.3
Length: 50.0 mm





Art. No.	Tip size	Packaging unit (VPE)
0702 700 095	3/8 inch	1 PCS
0702 700 007	7 mm	1 PCS
0702 700 008	8 mm	1 PCS
0702 700 010	10 mm	1 PCS
0702 700 013	13 mm	1 PCS



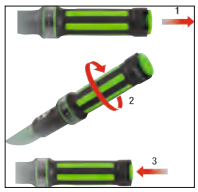


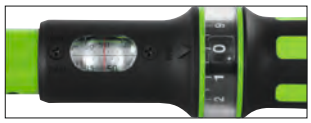
RECA torque wrench with rotary knob and reversible ratchet head

Product description:
- Trigger accuracy: ±3% tolerance of set scale value
- High repeat accuracy and precise for at least 5000 load changes
- For controlled clockwise and anti-clockwise tightening
- Knurled rotary knob on bidirectional square drive for manual adjustment



- Change application direction by pushing the drive square through
- Dual scale with N•m and lbf•ft graduations for precise settings
- Includes finely divisible N•m micrometer scale for fine and precise settings
- Large viewing window with magnifying function for optimum reading
- Clearly audible and tactile torque trigger with close-gap release
- Robust 30-tooth ratchet mechanism
- Torque set quickly and reliably by turning handle
- Secure locking feature on handle
- Ergonomic and comfortable 2-component handle with soft grip zone
- Square drive in line with DIN 3120–ISO 1174 with ball detent
- Individual serial number for clear identification of product
- Includes certificate in line with DIN EN ISO 6789 – based on national standards





Advice:
Release the load after every application by twisting the torque mechanism to the 0 position.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.

Art. No.	Min./max. torque measuring range	Partition (torque)	Length	Tip size	Weight	Height	Head diameter	Packaging unit (VPE)
0700 501 25	1-25 Nm	0.1 Nm	289.0 mm	1/4 inch	460 g	18.0 mm	35 mm	1 PCS
0700 501 100	10-100 Nm	0.5 Nm	412.0 mm	1/2 inch	910 g	23.0 mm	45 mm	1 PCS
0700 501 200	20-200 Nm	1 Nm	500.0 mm	1/2 inch	1300 g	23.0 mm	45 mm	1 PCS
0700 501 320	60-320 Nm	1 Nm	585.0 mm	1/2 inch	1450 g	23.0 mm	45 mm	1 PCS





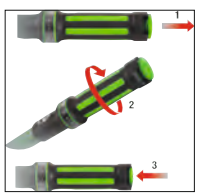


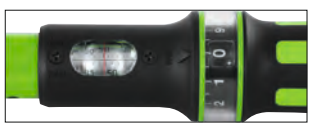


RECA torque wrench with push-fit tool mount

Product description:
- Trigger accuracy: ±3% tolerance of set scale value
- High repeat accuracy and precise for at least 5000 load changes
- For controlled clockwise and anti-clockwise tightening
- Change application direction by turning the torque wrench
- Dual scale with N•m and lbf•ft graduations for precise settings
- Includes finely divisible N•m micrometer scale for fine and precise settings
- Large viewing window with magnifying function for optimum reading
- Clearly audible and tactile torque trigger with close-gap release
- Torque set quickly and reliably by turning handle
- Secure locking feature on handle
- Ergonomic and comfortable 2-component handle with soft grip zone
- Quick-lock push-fit connection for 9 x 12 or 14 x 18 push-fit tools
- Individual serial number for clear identification of product
- Includes certificate in line with DIN EN ISO 6789 – based on national standards



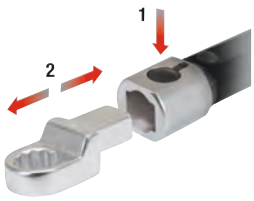




Advice:

Release the load after every application by twisting the torque mechanism to the 0 position.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.

Art. No.	Min./max. torque measuring range	Partition (torque)	Length	Mount square	Weight	Packaging unit (VPE)
0700 502 25	1-25 Nm	0.1 Nm	280.0 mm	9 x 12 mm	300 g	1 PCS
0700 502 100	10-100 Nm	0.5 Nm	375.0 mm	9 x 12 mm	600 g	1 PCS
0700 502 200	20-200 Nm	1 Nm	470.0 mm	14 x 18 mm	900 g	1 PCS
0700 502 320	60-320 Nm	1 Nm	565.0 mm	14 x 18 mm	1200 g	1 PCS







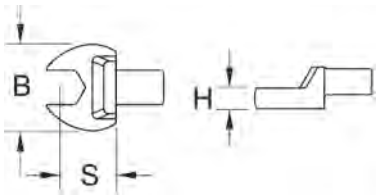
RECA push-fit open-end spanner for torque wrench (tool chuck 9 x 12 mm)

Product description:
Push-fit open-end spanner for torque wrench with 9 x 12 mm tool mount.
With pin detent on push-fit square drive.
Chrome-plated.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.

Mount square: 9 x 12 mm





Art. No.	Width across flats	Width (B)	Height (H)	Thickness (S)	Weight	Packaging unit (VPE)
0700 502 910	10 mm	26.0 mm	5.5 mm	17.5 mm	35 g	1 PCS
0700 502 913	13 mm	30.0 mm	7.0 mm	17.5 mm	35 g	1 PCS
0700 502 915	15 mm	35.0 mm	8.0 mm	17.5 mm	40 g	1 PCS
0700 502 917	17 mm	38.0 mm	8.5 mm	20.0 mm	50 g	1 PCS

Art. No.	Width across flats	Width (B)	Height (H)	Thickness (S)	Weight	Packaging unit (VPE)
0700 502 919	19 mm	42.0 mm	9.0 mm	20.0 mm	60 g	1 PCS

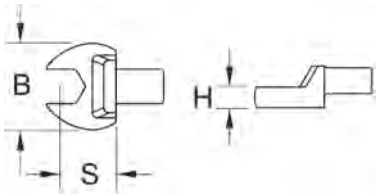
RECA push-fit open-end spanner for torque wrench (tool chuck 14 x 18 mm)

Product description:
Push-fit open-end spanner for torque wrench with 14 x 18 mm tool mount.
With pin detent on push-fit square drive.
Chrome-plated.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.

Mount square: 14 x 18 mm





Art. No.	Width across flats	Width (B)	Height (H)	Thickness (S)	Weight	Packaging unit (VPE)
0700 502 113	13 mm	30.0 mm	7.0 mm	25.0 mm	120 g	1 PCS
0700 502 117	17 mm	38.0 mm	9.0 mm	25.0 mm	130 g	1 PCS
0700 502 119	19 mm	42.0 mm	10.0 mm	25.0 mm	130 g	1 PCS
0700 502 122	22 mm	50.0 mm	11.0 mm	25.0 mm	160 g	1 PCS
0700 502 124	24 mm	53.0 mm	12.0 mm	27.5 mm	170 g	1 PCS
0700 502 127	27 mm	60.0 mm	13.0 mm	30.0 mm	185 g	1 PCS
0700 502 130	30 mm	66.0 mm	14.0 mm	30.0 mm	220 g	1 PCS
0700 502 132	32 mm	66.0 mm	14.0 mm	32.5 mm	239 g	1 PCS
0700 502 136	36 mm	74.0 mm	15.0 mm	32.5 mm	265 g	1 PCS

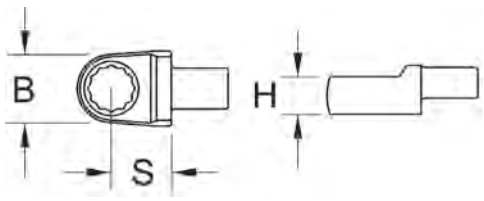
RECA push-fit box wrench for torque wrench (with tool chuck 9 x 12 mm)

Product description:
Push-fit box wrench for torque wrench with 9 x 12 mm tool mount.
With pin detent on push-fit square drive.
Chrome-plated.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.

Thickness (S): 17.5 mm
Mount square: 9 x 12 mm





Art. No.	Width across flats	Width (B)	Height (H)	Weight	Packaging unit (VPE)
0700 503 910	10 mm	17.2 mm	9.0 mm	30 g	1 PCS
0700 503 912	12 mm	20.0 mm	12.0 mm	35 g	1 PCS
0700 503 913	13 mm	21.5 mm	12.0 mm	35 g	1 PCS
0700 503 917	17 mm	27.2 mm	13.0 mm	40 g	1 PCS
0700 503 919	19 mm	30.3 mm	13.0 mm	45 g	1 PCS

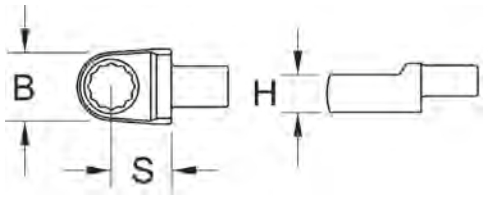
RECA push-fit box wrench for torque wrench (tool chuck 14 x 18 mm)

Product description:
Push-fit box wrench for torque wrench with 14 x 18 mm tool mount.
With pin detent on push-fit square drive.
Chrome-plated.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.



Mount square: 14 x 18 mm



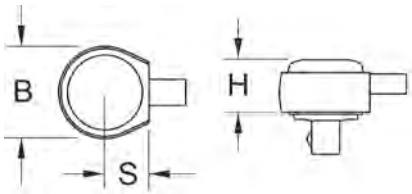
Art. No.	Width across flats	Width (B)	Height (H)	Thickness (S)	Weight	Packaging unit (VPE)
0700 503 113	13 mm	21.5 mm	11.0 mm	25.0 mm	120 g	1 PCS
0700 503 117	17 mm	27.2 mm	12.0 mm	25.0 mm	125 g	1 PCS
0700 503 119	19 mm	30.5 mm	12.0 mm	25.0 mm	125 g	1 PCS
0700 503 122	22 mm	34.5 mm	15.0 mm	25.0 mm	140 g	1 PCS
0700 503 124	24 mm	37.5 mm	15.0 mm	25.0 mm	140 g	1 PCS
0700 503 127	27 mm	41.5 mm	17.0 mm	25.0 mm	160 g	1 PCS
0700 503 130	30 mm	45.0 mm	19.0 mm	25.0 mm	160 g	1 PCS
0700 503 132	32 mm	47.5 mm	19.0 mm	25.0 mm	165 g	1 PCS
0700 503 136	36 mm	53.0 mm	19.0 mm	28.0 mm	195 g	1 PCS

RECA push-fit ratchet for torque wrench

Product description:
Push-fit reversible ratchet with fine-toothed reversible ratchet head.
With trigger function.
With pin detent on push-fit square drive.
Chrome-plated.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.





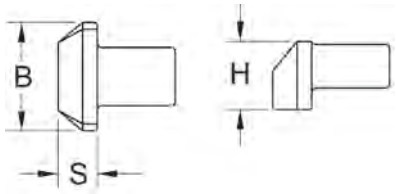
Art. No.	Tip size	Head diameter (B)	Height (H)	Mount square	Weight	Packaging unit (VPE)
0700 502 903	1/2 - 1 inch	43 mm	40 mm	9 x 12 mm	228 g	1 PCS
0700 502 904	1/2 inch	43 mm	43 mm	14 x 18 mm	260 g	1 PCS
0700 502 902	1/4 inch	27 mm	25 mm	9 x 12 mm	75 g	1 PCS

RECA push-fit weld-on piece for torque wrench

Product description:
Push-fit welding piece.
With pin detent.
Burnished.

Advice:
The maximum torque load of push-fit tools is based on DIN 899 and can be lower than the maximum torque of the tool used.
The torque wrench must be inspected (calibrated) at specified intervals, as for every measuring tool.
Calibration certificates are valid for a maximum of 12 months from the time of commissioning. If the tool is used often,
this period should be reduced. A period should be specified after an assessment in line with DIN EN ISO 6789, section 5.3.2,
after 5000 actuations.





Art. No.	Weld measure	Width (B)	Height (H)	Thickness (S)	Mount square	Weight	Packaging unit (VPE)
0700 502 905	8 x 14 mm	14.0 mm	14.5 mm	14.5 mm	9 x 12 mm	47 g	1 PCS
0700 502 906	11 x 25 mm	16.0 mm	12.5 mm	25.0 mm	14 x 18 mm	115 g	1 PCS

RECA 2C combination pliers

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 60 HRC.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.
- Hardened teeth for demanding requirements.
- Slim gripping jaws for tight spaces.



Max. aluminium/copper wire cross-section cutting capacity: 16 mm^2

Art. No.	Length	Max. cable diameter	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 011 165	160.0 mm	10.0 mm	2.0 mm	3.1 mm	1 PCS
0703 012 185	180.0 mm	12.0 mm	2.2 mm	3.4 mm	1 PCS
0703 013 205	200.0 mm	13.0 mm	2.5 mm	3.8 mm	1 PCS

RECA 2C combination pliers, VDE

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 60 HRC.
Material: Special tool steel.
Chrome-plated head.



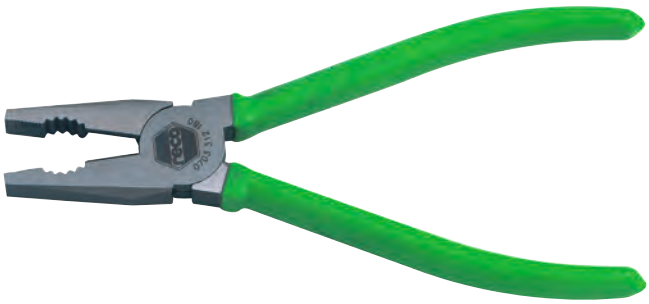
Advantages:
- Individually VDE-tested to 1000 V
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.
- Hardened teeth for demanding requirements.
- Slim gripping jaws for tight spaces.

Max. aluminium/copper wire cross-section cutting capacity: 16 mm²

Art. No.	Length	Max. cable diameter	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 052 185	180.0 mm	12.0 mm	2.2 mm	3.4 mm	1 PCS
0703 053 205	200.0 mm	13.0 mm	2.5 mm	3.8 mm	1 PCS

RECA combination pliers, dip-insulated

Product description:
Material: Tool steel, tempered.
Blade hardness approx. 60 HRC.
Polished head.



Advantages:
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Dipped grip protection for a secure grip.
- Slim gripping jaws for tight spaces.

Max. aluminium/copper wire cross-section cutting capacity: 16 mm²

Art. No.	Length	Max. cable diameter	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 311 160	160.0 mm	10 mm	2.0 mm	3.1 mm	1 PCS
0703 312 180	180.0 mm	12 mm	2.2 mm	3.4 mm	1 PCS
0703 313 200	200.0 mm	13 mm	2.5 mm	3.8 mm	1 PCS

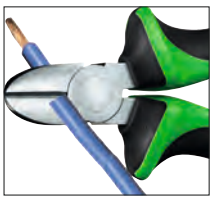
RECA 2C side cutters

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 62 HRC.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Max. soft wire diameter cutting capacity: 4.0 mm





Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 021 145	140.0 mm	1.8 mm	2.5 mm	1 PCS
0703 022 160	160.0 mm	2.0 mm	2.8 mm	1 PCS
0703 023 180	180.0 mm	2.5 mm	3.0 mm	1 PCS

RECA 2C side cutters, VDE

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 62 HRC.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Max. soft wire diameter cutting capacity: 4.0 mm



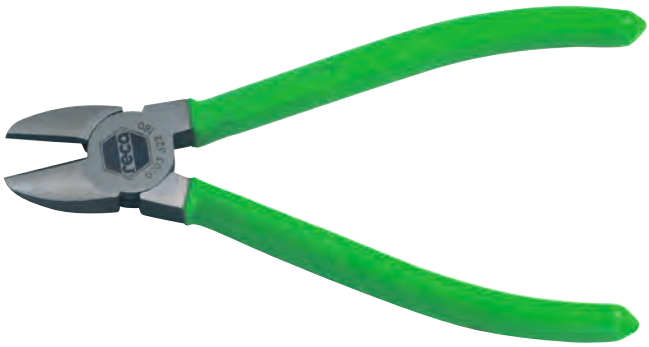
Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 062 160	160.0 mm	2.0 mm	2.8 mm	1 PCS
0703 063 180	180.0 mm	2.5 mm	3.0 mm	1 PCS

RECA side cutters, dip-insulated

Product description:
Material: Tool steel, tempered.
Blade hardness approx. 62 HRC.
Polished head.

Advantages:
- Blades for hard and soft wire.
- Long cutting edges for thicker cables.
- Dipped grip protection for a secure grip.

Max. soft wire diameter cutting capacity: 4.0 mm



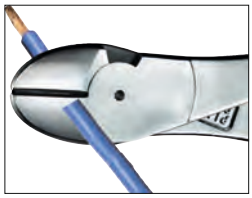
Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Packaging unit (VPE)
0703 321 140	140.0 mm	1.8 mm	2.5 mm	1 PCS
0703 322 160	160.0 mm	2.0 mm	2.8 mm	1 PCS
0703 323 180	180.0 mm	2.5 mm	3.0 mm	1 PCS

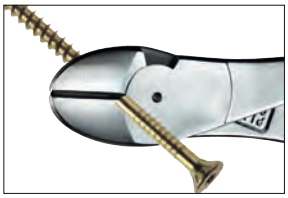
RECA 2C heavy-duty side cutters

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 64 HRC.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Blades for piano wire and hard wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.
- Forged articulated axis for the most demanding requirements.
- Optimum coordination of cutting angle, transmission ratio and ergonomic handle shape for high cutting power with low application of force







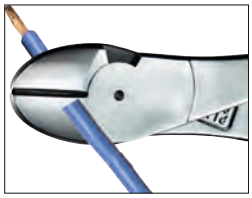
Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Max. piano wire diameter cutting capacity	Packaging unit (VPE)
0703 024 180	180.0 mm	2.7 mm	3.8 mm	2.2 mm	1 PCS
0703 025 200	200.0 mm	3.0 mm	4.2 mm	2.5 mm	1 PCS

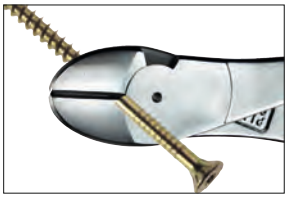
RECA 2C heavy-duty side cutters, VDE

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 64 HRC.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- Blades for piano wire and hard wire.
- Long cutting edges for thicker cables.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.
- Forged articulated axis for the most demanding requirements.
- Optimum coordination of cutting angle, transmission ratio and ergonomic handle shape for high cutting power with low application of force.







Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Max. piano wire diameter cutting capacity	Packaging unit (VPE)
0703 064 180	180.0 mm	2.7 mm	3.8 mm	2.2 mm	1 PCS
0703 065 200	200.0 mm	3.0 mm	4.2 mm	2.5 mm	1 PCS

RECA heavy-duty side cutters, dip-insulated

Product description:
Material: Special steel.
Blade hardness approx. 64 HRC.
Polished head.

Advantages:
- Blades for piano wire and hard wire.
- Inductively hardened blades.
- Dipped grip protection for a secure grip.



Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Max. piano wire diameter cutting capacity	Packaging unit (VPE)
0703 324 160	160.0 mm	2.5 mm	3.4 mm	2.0 mm	1 PCS
0703 325 180	180.0 mm	2.7 mm	3.8 mm	2.2 mm	1 PCS
0703 326 200	200.0 mm	3.0 mm	4.2 mm	2.5 mm	1 PCS
0703 327 240	240.0 mm	3.5 mm	4.6 mm	3.0 mm	1 PCS

RECA 2C snipe nose pliers, straight

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 59 HRC.
Material: Chromium-vanadium steel, oil-hardened.
Chrome-plated head.



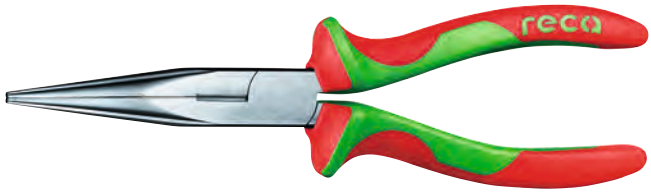
Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- With blades for soft and hard wire.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Length: 200.0 mm
Max. hard wire diameter cutting capacity: 2.2 mm
Max. medium wire diameter cutting capacity: 3.2 mm

Art. No.	Packaging unit (VPE)
0703 035 205	1 PCS

RECA snipe nose pliers, VDE, straight

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 59 HRC.
Material: Chromium-vanadium steel, oil-hardened.
Chrome-plated head.



Advantages:
- Individually VDE-tested to 1000 V
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- With blades for soft and hard wire.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Length: 200.0 mm
Max. hard wire diameter cutting capacity: 2.2 mm
Max. medium wire diameter cutting capacity: 3.2 mm

Art. No.	Packaging unit (VPE)
0703 075 205	1 PCS

RECA snipe nose pliers, straight

Product description:
Material: Tool steel, tempered.
Blade hardness approx. 60 HRC.
Polished head.

Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Blades for hard and soft wire.
- Dipped grip protection for a secure grip.



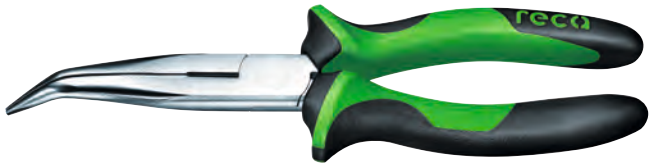
Length: 200.0 mm
Max. hard wire diameter cutting capacity: 1.8 mm
Max. medium wire diameter cutting capacity: 2.8 mm

Art. No.	Packaging unit (VPE)
0703 365 200	1 PCS

RECA 2C snipe nose pliers, angled 40°

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 59 HRC.
Material: Chromium-vanadium steel, oil-hardened.
Chrome-plated head.

Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- With blades for soft and hard wire.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.



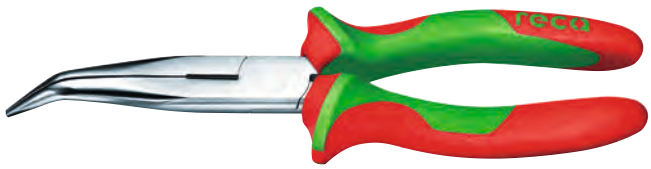
Length: 200.0 mm
Max. hard wire diameter cutting capacity: 2.2 mm
Max. medium wire diameter cutting capacity: 3.2 mm

Art. No.	Packaging unit (VPE)
0703 036 205	1 PCS

RECA 2C VDE snipe nose pliers, angled 40°

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 59 HRC.
Material: Chromium-vanadium steel, oil-hardened.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.



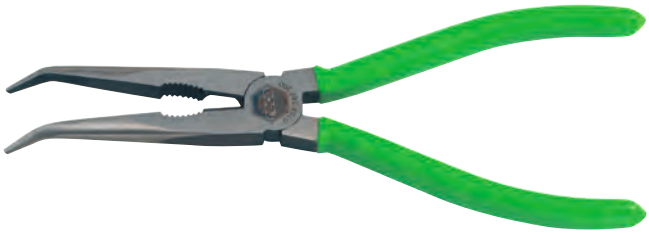
- With blades for soft and hard wire.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Length: 200.0 mm
Max. hard wire diameter cutting capacity: 2.2 mm
Max. medium wire diameter cutting capacity: 3.2 mm

Art. No.	Packaging unit (VPE)
0703 076 205	1 PCS

RECA 2C dip-insulated snipe nose pliers, angled 40°

Product description:
Material: Tool steel, tempered.
Blade hardness approx. 60 HRC.
Polished head.



Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Blades for hard and soft wire.
- Dipped grip protection for a secure grip.

Length: 200.0 mm
Max. hard wire diameter cutting capacity: 1.8 mm
Max. medium wire diameter cutting capacity: 2.8 mm

Art. No.	Packaging unit (VPE)
0703 366 200	1 PCS

RECA 2C radio pliers

Product description:
Fully oil-hardened and annealed.
Blade hardness approx. 59 HRC.
Material: Chromium-vanadium steel, oil-hardened.
Chrome-plated head.



Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- With blades for soft and hard wire.
- Blades also inductively hardened.
- Thick, 2-component plastic shells.

Length: 160.0 mm
Max. hard wire diameter cutting capacity: 1.6 mm
Max. medium wire diameter cutting capacity: 2.5 mm

Art. No.	Packaging unit (VPE)
0703 034 170	1 PCS

RECA radio pliers, dip-insulated

Product description:
Material: Tool steel, tempered.
Blade hardness approx. 60 HRC.
Polished head.

Advantages:
- For gripping individual wires in wiring harnesses.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Blades for hard and soft wire.
- Dipped grip protection for a secure grip.



Length: 160.0 mm
Max. hard wire diameter cutting capacity: 1.6 mm
Max. medium wire diameter cutting capacity: 2.5 mm

Art. No.	Packaging unit (VPE)
0703 364 160	1 PCS

RECA 2C flat nose pliers

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Ideal for gripping tasks in tight spaces.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Thick, 2-component plastic shells.



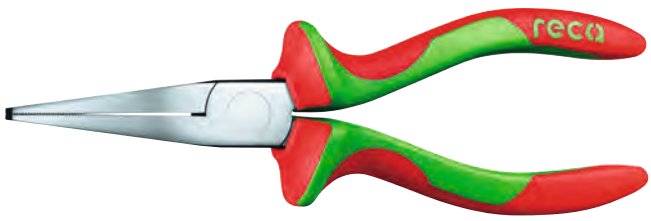
Length: 160.0 mm

Art. No.	Packaging unit (VPE)
0703 031 160	1 PCS

RECA 2C flat nose pliers, VDE

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- Ideal for gripping tasks in tight spaces.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Thick, 2-component plastic shells.



Length: 160.0 mm

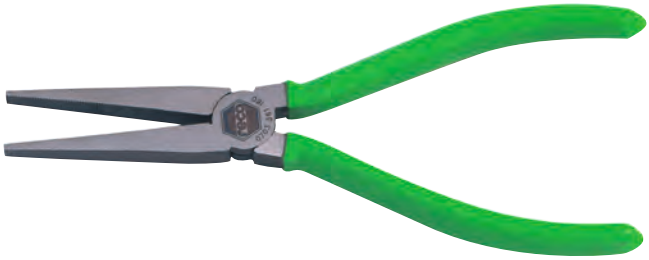
Art. No.	Packaging unit (VPE)
0703 071 160	1 PCS

RECA flat nose pliers, dip-insulated

Product description:
Polished head.
Material: Tool steel, tempered.

Advantages:
- Ideal for gripping tasks in tight spaces.
- Long, thin, tapered jaws.
- Serrated gripping surfaces.
- Dipped grip protection for an excellent grip.

Length: 160.0 mm



Art. No.	Packaging unit (VPE)
0703 361 160	1 PCS

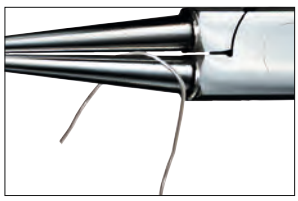
RECA 2C round-nose pliers

Product description:
Short, round jaws, precision-ground.
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- For fine wiring and bending tasks.
- For bending wire eyelets.
- Thick, 2-component plastic shells.

Length: 160.0 mm



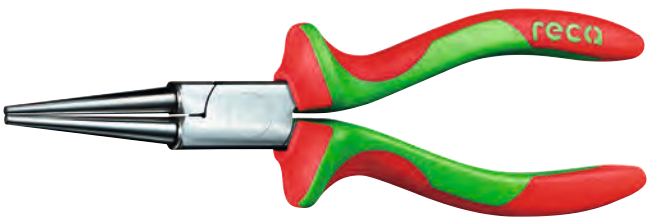


Art. No.	Packaging unit (VPE)
0703 032 160	1 PCS

RECA 2C round-nose pliers, VDE

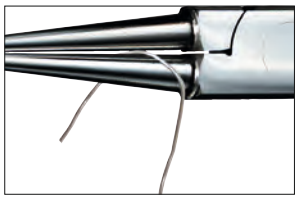
Product description:
Short, round jaws, precision-ground.
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- For fine wiring and bending tasks.
- For bending wire eyelets.



- Thick, 2-component plastic shells.

Length: 160.0 mm



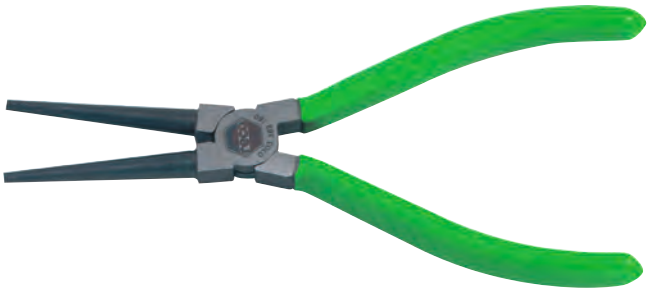
Art. No.	Packaging unit (VPE)
0703 072 160	1 PCS

RECA round-nose pliers, dip-insulated

Product description:
Short, round jaws, precision-ground.
Polished head.
Material: Tool steel, tempered.

Advantages:
- For fine wiring and bending tasks.
- For bending wire eyelets.
- Dipped grip protection for an excellent grip.

Length: 160.0 mm



Art. No.	Packaging unit (VPE)
0703 362 160	1 PCS

RECA 2C cable cutters

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel, forged.
Chrome-plated head.

Advantages:
- For copper and aluminium cables, solid or multi-stranded.
- Hardened, precision-ground blades.
- Cut smoothly and cleanly without crushing.
- Easy one-handed cutting.
- Pinch guard and adjustable screw joint.
- Thick, 2-component plastic shells.

Advice:
Not suitable for steel wire and hard-drawn copper wire!

Length: 165.0 mm
Max. cable diameter: 15.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 50 mm^2



Art. No.	Packaging unit (VPE)
0703 028 160	1 PCS

RECA 2C cable cutters with initial and final cutter

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel, forged.
Chrome-plated head.



Advantages:
- Cables up to Ø 20 mm can be cut thanks to initial and final cut phases!
- For copper and aluminium cables, solid or multi-stranded.
- Low force required thanks to favourable transmission ratio and innovative blade geometry.
- Hardened, precision-ground blades.
- Cut smoothly and cleanly without crushing.
- Easy one-handed cutting.
- Pinch guard and adjustable screw joint.
- Thick, 2-component plastic shells.

Advice:
Not suitable for steel wire and hard-drawn copper wire!

Length: 200.0 mm
Max. cable diameter: 20.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 70 mm^2

Art. No.	Packaging unit (VPE)
0703 029 200	1 PCS

RECA 2C cable cutters, VDE

8

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel, forged.
Chrome-plated head.



Advantages:
- Individually VDE-tested to 1000 V
- For copper and aluminium cables, solid or multi-stranded.
- Hardened, precision-ground blades.
- Cut smoothly and cleanly without crushing.
- Easy one-handed cutting.
- Pinch guard and adjustable screw joint.
- Thick, 2-component plastic shells.

Advice:
Not suitable for steel wire and hard-drawn copper wire!

Length: 165.0 mm
Max. cable diameter: 15.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 50 mm^2

Art. No.	Packaging unit (VPE)
0703 068 160	1 PCS

RECA 2C cable cutters, VDE with initial and final cutter

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel, forged.
Chrome-plated head.



Advantages:
- Individually VDE-tested to 1000 V
- Cables up to Ø 20 mm can be cut thanks to initial and final cut phases!
- For copper and aluminium cables, solid or multi-stranded.
- Low force required thanks to favourable transmission ratio and innovative blade geometry.
- Hardened, precision-ground blades.
- Cut smoothly and cleanly without crushing.
- Easy one-handed cutting.
- Pinch guard and adjustable screw joint.
- Thick, 2-component plastic shells.

Advice:
Not suitable for steel wire and hard-drawn copper wire!

Length: 200.0 mm
Max. cable diameter: 20.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 70 mm²

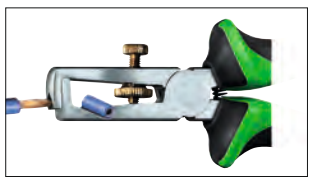
Art. No.	Packaging unit (VPE)
0703 069 200	1 PCS

RECA 2C wire stripping pliers

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.



Advantages:
- For solid, multi-stranded and fine-stranded wire with plastic or rubber insulation.
- Easy to adjust to desired wire or flex diameter using knurled thumb screw and jam nut.
- With opening spring.
- Thick, 2-component plastic shells.



Length: 160.0 mm
Max. cable diameter: 5.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 10 mm²

Art. No.	Packaging unit (VPE)
0703 033 160	1 PCS

RECA 2C wire stripping pliers, VDE

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Chrome-plated head.

Advantages:
- Individually VDE-tested to 1000 V
- For solid, multi-stranded and fine-stranded wires with plastic or rubber insulation.
- Easy to adjust to desired wire or flex diameter using knurled thumb screw and jam nut.
- With opening spring.
- Thick, 2-component plastic shells.



Length: 160.0 mm
Max. cable diameter: 5.0 mm
Max. aluminium/copper wire cross-section cutting capacity: 10 mm²

Art. No.	Packaging unit (VPE)
0703 073 160	1 PCS

RECA dip-insulated wire stripping pliers

Product description:
Polished head.
Material: Tool steel, tempered.

Advantages:
- Adjusting screw for setting the pliers to the desired wire or flex diameter.
- Knurled thumb screw for easy adjustment.
- With opening spring.
- Dipped grip protection for an excellent grip.



Length: 160.0 mm

Art. No.	Packaging unit (VPE)
0703 363 160	1 PCS

RECA wire stripping gun, 0.2–6 mm²

Product description:
For solid, multiple-stranded and fine-stranded wire from 0.2 - 6.0 mm² with standard insulation.
Automatically adjusts to different wire cross-sections and therefore prevents damage to wires.
Light, manageable design for ease of use.
Slim head for use in hard-to-reach areas with wire cutters for Cu and Al wires up to max. 2.5 mm².
Adjustable length stop of 6.0 - 18.0 mm for identical stripping lengths during repetitive tasks.
Housing in tough, fibreglass-reinforced plastic.



Max. aluminium/copper wire cross-section cutting capacity: 6.0 mm²

Art. No.	Packaging unit (VPE)
0703 212 180	1 PCS

Wire stripping pliers, self-adjusting

Product description:
For solid, multi-stranded and fine-stranded wire with plastic or rubber insulation.
Automatically adjusts to various wire cross-sections: Therefore prevents damage to wires.
Adjustable cutting depth for different insulation materials.
Wire cutter for Cu and Al stranded wire up to 10 mm² and solid wire up to 6.0 mm².
Smooth-running mechanism.
Housing in tough, fibreglass-reinforced plastic.
Application range:
Wires from 0.03 - 10.0 mm².
Thin, flat ribbon cable up to 10.0 mm wide in one step.
Length stop:
Adjustable from 3.0 mm up to 18.0 mm and easy to replace.



Max. aluminium/copper wire cross-section cutting capacity: 10.0 mm²
Length: 200.0 mm



Art. No.	Packaging unit (VPE)
0695 400 147	1 PCS

Automatic wire stripping pliers Multi Strip 10

Product description:
Strip wires from 0.03 - 10.0 mm² without readjusting
Improved blade geometry - robust and more durable
Optimised handle design with improved feel
Recessed wire cutter
Fully automatic adjustment to solid, multiple-stranded and fine-stranded wires with PVC insulation and a wide range of special insulation types across the entire cutting capacity of 0.03 - 10.0 mm²
No manual fine adjustment required, no damage to wires
Steel clamping jaws hold the cable securely without slippage and without damaging the remaining insulation
Recessed wire cutter for Cu and Al wires, multiple-stranded up to 10.0 mm² and solid up to 6.0 mm²
Particularly smooth-running mechanism and very light
Replaceable blade block and length stop
Handle with soft plastic zone for a secure grip



Housing: Plastic, fibreglass-reinforced
Blade: Special tool steel, oil-hardened

Advantages:
- Patented mechanism:
- The cutting depth of the stripping knife adjusts to the wire cross-section and also the thickness of all standard insulation materials fully automatically. No manual adjustment required in contrast to other conventional pliers with large stripping ranges.

Field of Application:
Stripping values: 0.03 - 10.0 mm^2

Package size:
1 St/pcs





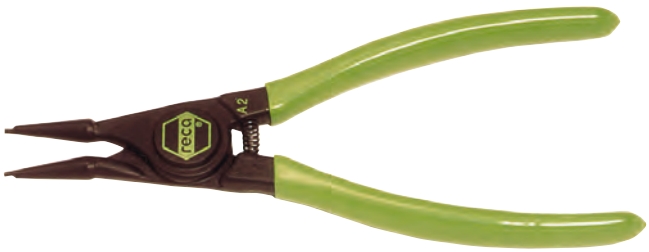


Art. No.	Package size	Packaging unit (VPE)
0695 410 001	1 St/pcs	1 PCS

RECA circlip pliers for outer rings, straight, DIN 5254 A

Product description:
Material: Tool steel, tempered.

Advantages:
- With return spring.
- Reinforced tips.
- Dipped grip protection for an excellent grip.

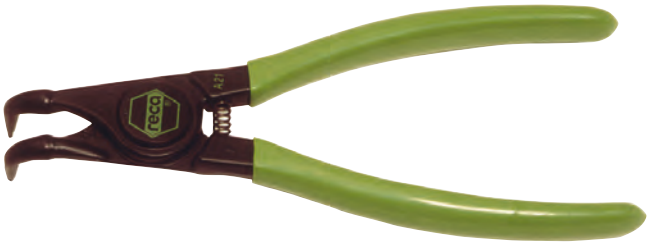


Art. No.	Size	Length	Packaging unit (VPE)
0703 420 140	A 0	140.0 mm	1 PCS
0703 421 140	A 1	140.0 mm	1 PCS
0703 422 175	A 2	175.0 mm	1 PCS
0703 423 225	A 3	225.0 mm	1 PCS
0703 424 310	A 4	310.0 mm	1 PCS

RECA circlip pliers for outer rings, angled 90°, DIN 5254 B

Product description:
Material: Tool steel, tempered.

Advantages:
- With return spring.
- Reinforced tips.
- Dipped grip protection for an excellent grip.



Art. No.	Size	Suitable for min./max. shafts	Length	Packaging unit (VPE)
0703 430 130	A 01	3-10 mm	130.0 mm	1 PCS

Art. No.	Size	Suitable for min./max. shafts	Length	Packaging unit (VPE)
0703 431 130	A 11	10-25 mm	130.0 mm	1 PCS
0703 432 165	A 21	19-60 mm	165.0 mm	1 PCS
0703 433 210	A 31	40-100 mm	210.0 mm	1 PCS
0703 434 310	A 41	85-165 mm	310.0 mm	1 PCS

RECA circlip pliers for inner rings, straight, DIN 5254 C

Product description:
Material: Tool steel, tempered.

Advantages:
- Reinforced tips.
- Dipped grip protection for an excellent grip.



Art. No.	Size	Min./max. hole diameter	Length	Packaging unit (VPE)
0703 401 140	J 1	10-25 mm	140.0 mm	1 PCS
0703 402 180	J 2	19-60 mm	180.0 mm	1 PCS
0703 403 225	J 3	40-100 mm	225.0 mm	1 PCS
0703 404 315	J 4	85-165 mm	315.0 mm	1 PCS

RECA circlip pliers for inner rings, angled 90°, DIN 5254 D

Product description:
Material: Tool steel, tempered.

Advantages:
- Reinforced tips.
- Dipped grip protection for an excellent grip.



Art. No.	Size	Min./max. hole diameter	Length	Packaging unit (VPE)
0703 411 130	J 11	10-25 mm	130.0 mm	1 PCS
0703 412 170	J 21	19-60 mm	170.0 mm	1 PCS
0703 413 210	J 31	40-100 mm	210.0 mm	1 PCS
0703 414 290	J 41	85-165 mm	290.0 mm	1 PCS

Pincers DIN 5241

Product description:
Material: Special tool steel, oil-hardened.
Polished head.
Black atramentised handle.

Advantages:
- For the most demanding requirements.
- Particularly popular with craftspeople due to their precise workmanship, high durability and balanced weight distribution.



Art. No.	Length	Packaging unit (VPE)
0695 400 131	180.0 mm	1 PCS
0695 400 132	210.0 mm	1 PCS
0695 400 134	250.0 mm	1 PCS

Mechanic's nippers (construction worker's pincers or end cutting nippers), painted

Product description:
Material: Special tool steel, oil-hardened.
Polished head.
Black atramentised handle.

Advantages:
- For twisting and cutting binding wire from a reel in one step.
- Long, slim shape for deep insertion into meshwork.



Art. No.	Length	Packaging unit (VPE)
0703 712 230	220.0 mm	1 PCS
0703 713 260	250.0 mm	1 PCS
0703 714 300	280.0 mm	1 PCS

RECA mechanic's nippers (construction worker's pincers or end cutting nippers), dip-insulated

Product description:
Material: Special tool steel, oil-hardened.
Polished head.

Advantages:
- For twisting and cutting binding wire from a reel in one step.
- Long, slim shape for deep insertion into meshwork.
- Dipped grip protection for a secure grip.



Art. No.	Length	Packaging unit (VPE)
0703 712 231	220.0 mm	1 PCS
0703 713 261	250.0 mm	1 PCS
0703 714 301	280.0 mm	1 PCS

Construction worker's pincers, nickel-plated

Product description:
Material: Special tool steel, oil-hardened.
Nickel-plated head and handles.



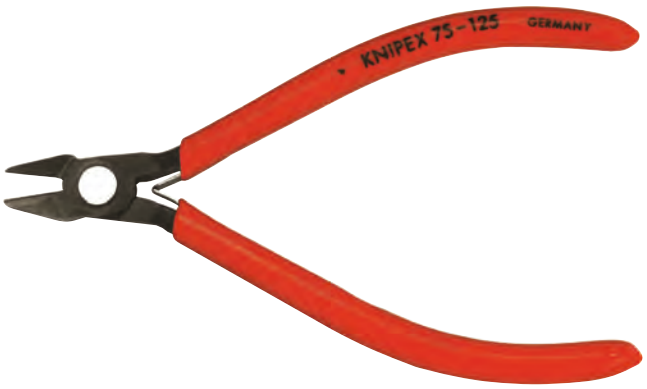
Advantages:
- For twisting and cutting thicker binding wire from a reel in one step.
- Particularly slim shape for binding deep-lying iron rods.
- High cutting power with low application of force thanks to optimum transmission ratio.
- Less force required compared to conventional mechanic's nippers: 30%.

Length: 300.0 mm

Art. No.	Packaging unit (VPE)
0703 719 300	1 PCS

Knipex electronics side cutters

Product description:
Precision pliers for the finest assembly work e.g. in electronics and precision engineering.
With precision blades for soft and hard wires, also suitable for piano wire.
Blades also inductively hardened, blade hardness approx. 64 HRC.
Double spring for smooth, even opening action.
High-grade, special tool steel, fully oil-hardened and annealed.



Length: 125.0 mm
Max. hard wire diameter cutting capacity: 0.6 mm
Max. medium wire diameter cutting capacity: 1.0 mm
Max. piano wire diameter cutting capacity: 0.4 mm
Max. soft wire diameter cutting capacity: 1.3 mm

Art. No.	Packaging unit (VPE)
0695 400 253	1 PCS

Knipex Electronic Super Knips

Product description:
Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.
Precisely shaped tips also cut flush wires from Ø 0.2 mm.
Extremely smooth action for fatigue-free work.
With opening spring and opening limiter.
INOX - stainless steel.
Precision-ground blades without bevel for flush cutting.
Blade hardness approx. 54 HRC.



Length: 125.0 mm

Art. No.	Max. medium wire diameter cutting capacity	Max. soft wire diameter cutting capacity	Version	Packaging unit (VPE)
0695 400 026	0.6 mm	1.0 mm	Offset	1 PCS
0695 400 025	1.0 mm	1.6 mm	Straight	1 PCS



Knipex electronic side, heavy-duty design

Product description:
Precision pliers for extremely fine cutting work e.g. in electronics and precision engineering.
Precision box joint.
Double spring for smooth, even opening action.
Blades also inductively hardened.
Blade hardness approx. 62 HRC.
Special tool steel, oil-hardened and annealed.



Art. No.	Length	Max. hard wire diameter cutting capacity	Max. medium wire diameter cutting capacity	Max. soft wire diameter cutting capacity	Packaging unit (VPE)
0695 400 251	115.0 mm	0.6 mm	1.2 mm	1.6 mm	1 PCS
0695 400 252	130.0 mm	0.8 mm	1.5 mm	2.0 mm	1 PCS

RECA lever bolt cutter with recess

Product description:
Inductively hardened precision blades work on the centre cutting principle.
Blade hardness approx. 64 HRC.
Material: Chromium-vanadium tool steel, hardened.

Article no. 0703 828 202:
A recess near the joint simplifies cutting thicker wires (up to 4 mm). Useful for suspended ceiling systems or welded wire mesh.



Article no. 0703 828 205:
20° angled head with lug on one side for flush cutting.





Advantages:
- The centre cutters cut hard or thick wires with less application of force than side cutters of the same length.
- Cutting force = 20 x manual force.
- Two riveted lugs for high lateral stability.
- Very manageable design with ergonomic handles.
- Low friction loss.
- Lightweight and manageable.

- Dipped grip protection for an excellent grip.

Length: 200.0 mm
Max. hard wire diameter cutting capacity: 4 mm
Max. medium wire diameter cutting capacity: 5.2 mm
Max. piano wire diameter cutting capacity: 3.6 mm
Max. soft wire diameter cutting capacity: 6.0 mm

Art. No.	Type description	Packaging unit (VPE)
0703 828 200	High leverage cutters	1 PCS
0703 828 202	Lever bolt cutter with recess	1 PCS
0703 828 205	Lever bolt cutter, 20° angled	1 PCS

RECA bolt cutters

Product description:
Cutter and casing head in die-forged special steel.

Advantages:
- Reduced cutting force thanks to optimum geometry.
- Limit stop with extra-large buffer zone.
- Precise and simple blade adjustment with eccentric screw.





Art. No.	Length	Max. wire diameter cutting capacity in 19 HRC steel	Max. wire diameter cutting capacity in 40 HRC steel	Packaging unit (VPE)
0703 500 000	460.0 mm	8 mm	6 mm	1 PCS
0703 500 001	610.0 mm	9 mm	8 mm	1 PCS
0703 500 002	760.0 mm	11 mm	9 mm	1 PCS
0703 500 003	910.0 mm	13 mm	10 mm	1 PCS

RECA welded wire mesh cutters

Product description:
Cutter and casing head in die-forged special steel.

Advantages:
- Low cutting force.
- Limit stop with extra-large buffer zone.
- Flush-lying construction steels are easy to grip.
- Adjustable blades.



Length: 950.0 mm
Max. wire diameter cutting capacity in 19 HRC steel: 11 mm
Max. wire diameter cutting capacity in 40 HRC steel: 9 mm
Max. wire diameter cutting capacity in 48 HRC steel: 6 mm



Art. No.	Packaging unit (VPE)
0703 500 004	1 PCS

RECA water pump pliers

Advantages:
- Toothing offset against direction of rotation guarantees safe working.
- Favourable leverage = optimum force transfer.
- Perforated slip joint, extremely robust thanks to double guide.
- Self-locking on workpiece, energy-saving and non-slip.



Art. No.	Length	Max. width across flats	Max. diameter	Number of adjustments	Content remark	Packaging unit (VPE)
0703 800 250	240.0 mm	33 mm	1-1/4 in	7 PCS	1 unit	1 PCS
0703 801	240.0 mm	33 mm	1-1/4 in	7 PCS	Set of 10	1 PCS
0703 800 300	300.0 mm	45 mm	1-3/4 in	11 PCS	1 unit	1 PCS

RECA water pump pliers, alligator

Product description:
Specially hardened teeth on gripping surfaces, teeth hardness approx. 61 HRC: high wear resistance for lasting secure grip.
Perforated joint: highly robust thanks to double guide.
Material: Chromium-vanadium electric steel, hardened.
Dipped grip protection for an excellent grip.



Advantages:
- Self-locking on pipes and nuts: no slippage on workpiece, energy-saving.
- Favourable leverage for optimum force transfer.
- Pinch guard prevents crushing injuries.

Art. No.	Length	Max. width across flats	Max. diameter	Number of adjustments	Packaging unit (VPE)
0703 826 180	180.0 mm	30 mm	1-1/4 in	7 PCS	1 PCS
0703 826 250	250.0 mm	46 mm	2 in	9 PCS	1 PCS
0703 826 300	300.0 mm	60 mm	2-3/4 in	9 PCS	1 PCS
0703 826 400	400.0 mm	90 mm	3-1/2 in	11 PCS	1 PCS

RECA corner pipe wrench 45° DIN 5234, type B

Product description:
Teeth also inductively hardened.
Captive adjustment nut.
Material: Chrome vanadium, tempered.



Advantages:
- Toothing offset against direction of rotation ensures an excellent grip and high strength.

Art. No.	Length	Min./max. grip range	Suitable for max. pipe external diameter	Packaging unit (VPE)
0703 841 100	320.0 mm	0-42 mm	1 in	1 PCS
0703 842 150	430.0 mm	0-60 mm	1-1/2 in	1 PCS
0703 843 200	570.0 mm	0-70 mm	2 in	1 PCS
0703 844 300	690.0 mm	0-105 mm	3 in	1 PCS

RECA corner pipe wrench 90° DIN 5234, type A

Product description:
Teeth also inductively hardened.
Captive adjustment nut.
Material: Chrome vanadium, tempered.



Advantages:
- Toothing offset against direction of rotation ensures an excellent grip and high strength.

Art. No.	Length	Min./max. grip range	Suitable for max. pipe external diameter	Packaging unit (VPE)
0703 831 100	310.0 mm	0-42 mm	1 in	1 PCS
0703 832 150	420.0 mm	0-60 mm	1-1/2 in	1 PCS
0703 833 200	560.0 mm	0-70 mm	2 in	1 PCS
0703 834 300	690.0 mm	0-105 mm	3 in	1 PCS
0703 835 400	820.0 mm	0-130 mm	4 in	1 PCS

RECA pipe wrench S-jaw DIN 5234, type C

Product description:
Teeth also inductively hardened.
Captive adjustment nut.
Material: Chrome vanadium, tempered.



Advantages:
- Toothing offset against direction of rotation ensures an excellent grip and high strength.
- Secure, 3-point grip even on smooth pipes.

Art. No.	Length	Min./max. grip range	Suitable for max. pipe external diameter	Packaging unit (VPE)
0703 850 050	245.0 mm	0-35 mm	1/2 in	1 PCS
0703 851 100	320.0 mm	0-42 mm	1 in	1 PCS
0703 852 150	430.0 mm	0-60 mm	1-1/2 in	1 PCS
0703 853 200	570.0 mm	0-70 mm	2 in	1 PCS
0703 854 300	630.0 mm	10-110 mm	3 in	1 PCS

RECA pipe wrench Cobra

Product description:
Specially hardened teeth on gripping surfaces, teeth hardness approx. 61 HRC: high wear resistance for lasting secure grip.
Material: Chromium-vanadium electric steel, hardened.
Dipped grip protection for an excellent grip.



Advantages:
- Gaspipe and water pump pliers in one tool.

- Self-locking on pipes and nuts: no slippage on workpiece, energy-saving. Rapid, precise adjustment directly on workpiece.
- No accidental readjustment.
- No joint slippage.
- Fine adjustment.
- Optimum leverage.
- Can be used as wrench in many situations.

Art. No.	Length	Max. width across flats	Max. diameter	Number of adjustments	Packaging unit (VPE)
0703 822 125	125.0 mm	27 mm	1 in	13 PCS	1 PCS
0703 822 150	150.0 mm	30 mm	1-1/4 in	11 PCS	1 PCS
0703 822 180	180.0 mm	36 mm	1-1/2 in	18 PCS	1 PCS
0703 823 251	250.0 mm	46 mm	2 in	25	1 PCS
0703 823 250	250.0 mm	46 mm	2 in	25 PCS	1 PCS
0703 824 300	300.0 mm	60 mm	2-3/4 in	30 PCS	1 PCS
0703 825 400	400.0 mm	95 mm	3-1/2 in	27 PCS	1 PCS
0703 825 560	560.0 mm	120 mm	4-1/2 in	20 PCS	1 PCS

RECA pipe wrench Mastergrip

Product description:
Easy and in particular rapid use, easy to apply to pipe with one hand, self-adjusts to pipe diameter.
Can be removed with one hand.
The fixed teeth are applied at differing radii and guarantee optimum grip on any diameter of pipe.
Also provides a ratchet effect function that allows regripping of pipe.



Art. No.	Length	Min./max. width across flats	Min./max. pipe diameter	Packaging unit (VPE)
0703 892 150	254.0 mm	13-40 mm	1/4-1-1/2 in	1 PCS
0703 892 200	356.0 mm	17-50 mm	1/2-2 in	1 PCS





RECA Fix pipe wrench with quick adjustment

Product description:
The RECA fixed pipe wrench - a new generation.
These new pliers make it impossible to accidentally displace the pliers shanks!
Jaw width can be set rapidly and precisely and will not readjust by itself!
The fixed pipe wrench also features a pinch guard to prevent crushing injuries.



Advantages:
- Time-saving, precise and rapid adjustment.

- Adjust jaw width directly on the workpiece.
- No unintentional opening of pliers shanks.
- Self-locking for energy-saving work.
- High wear-resistance thanks to additionally hardened teeth.
- Fully tempered pliers shanks for high force transfer.
- Integrated pinch guard prevents crushing injuries.



Art. No.	Length	Min./max. grip range	Suitable for pipe external diameter	Packaging unit (VPE)
0703 861 100	325 mm	0-42 mm	1 in	1 PCS
0703 862 150	425 mm	0-60 mm	11/2 in	1 PCS

RECA locking pliers with wire cutter

Product description:
Half-round jaws.
Application: round and flat materials.



Art. No.	Length	Max. grip range	Max. grip range in inches	Packaging unit (VPE)
0703 901 180	180.0 mm	35 mm	1-3/8 in	1 PCS
0703 902 250	250.0 mm	50 mm	2 in	1 PCS

RECA ideal locking pliers

Product description:
Combined jaw shape.
Application: flat, round, profiled and angular materials.

Length: 250.0 mm
Max. grip range: 50 mm
Max. grip range in inches: 2 in



Art. No.	Packaging unit (VPE)
0703 912 250	1 PCS

RECA locking pliers, adjustable, 4 positions

Product description:
The all-rounder pliers with a large clamping range.
Application: flat, round, profiled and angular materials.

Length: 250 mm
Max. grip range: 80 mm
Max. grip range in inches: 3 in



Art. No.	Packaging unit (VPE)
0703 992 000	1 PCS

RECA welding locking pliers

Product description:
U-shaped jaws with large opening for easy use and good visibility.

Length: 280.0 mm
Max. grip range: 60 mm
Max. grip range in inches: 2-3/8 in



Art. No.	Packaging unit (VPE)
0703 921 280	1 PCS

RECA pipe welding locking pliers

Product description:
Especially deep, wide, U-shaped clamping jaws. Special shape for optimum grip on pipes.

Length: 280.0 mm
Min./max. grip range: 10-90 mm
Min./max. grip range in inches: 3/4-3-1/2 in



Art. No.	Packaging unit (VPE)
0703 922 280	1 PCS

RECA clamp locking pliers, type C

Product description:
Large span width for clamping parts with non-parallel surfaces.
Movable jaws.

Length: 280.0 mm
Max. grip range: 90 mm
Max. grip range in inches: 3-1/2 in



Art. No.	Packaging unit (VPE)
0703 931 280	1 PCS

RECA wide-jaw locking pliers

Product description:
For all metalworking tasks; for gripping, bending, folding, shaping, riveting and soldering.

Length: 180.0 mm
Max. grip range: 45 mm
Max. grip range in inches: 1-3/4 in
Jaws width: 80.0 mm



Art. No.	Packaging unit (VPE)
0703 941 180	1 PCS

Seaming pliers

Product description:
Made from forged, high-quality steel.
Black powder-coated.

Length: 270.0 mm
Width of jaws (outside): 60 mm







Art. No.	Depth of jaw	Type	Packaging unit (VPE)
0695 400 393	50.0 mm	Angled 45°	1 PCS
0695 400 395	50.0 mm	Angled 90°	1 PCS
0695 400 390	60.0 mm	Straight type	1 PCS

Plumber's flat nose pliers

Product description:
Made from forged, high-quality steel.
PVC-coated handles.
Flat pliers jaws.

Length: 240 mm
Version: Straight



Art. No.	Packaging unit (VPE)
0695 400 370	1 PCS

Plumber's round-nose pliers

Product description:
Made from forged, high-quality steel.
PVC-coated handles.
Round pliers jaws.

Length: 260 mm
Version: Straight



Art. No.	Packaging unit (VPE)
0695 400 375	1 PCS

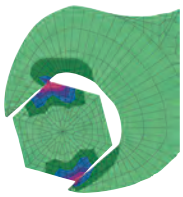
RECA plier wrench

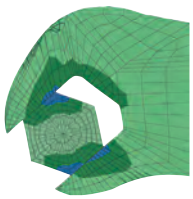
Product description:
Pliers and wrench in one tool.
Material: Chromium-vanadium electric steel, hardened.

Advantages:
- Parallel, smooth gripping jaws = grip workpieces gently.
- Perforated joint = robust sides.
- Push-button adjustment = almost continuous, no accidental shifting.
- Rapid push-button adjustment directly on workpiece.
- Dipped grip protection for an excellent grip.

Field of Application:
Can be used anywhere where it is important that sensitive surfaces are not damaged or scratched (e.g. surfaces and screw connections covered with plastic, stainless steel, brass or chrome).
For carrying out simple presses.







Art. No.	Length	Max. width across flats	Width across flats in inches	Number of adjustments	Packaging unit (VPE)
0703 821 150	150.0 mm	27.0 mm	1 inch	14 PCS	1 PCS
0703 821 180	180.0 mm	35 mm	1 3/8 inch	13 PCS	1 PCS
0703 821 250	250.0 mm	46 mm	1 3/4 inch	14 PCS	1 PCS
0703 821 300	300.0 mm	60 mm	2 3/8 inch	18 PCS	1 PCS
0703 821 400	400 mm	85 mm	3 3/8 inch	25 PCS	1 PCS

RECA slip joint pliers

Product description:
For nuts and screws from 10 - 32 mm (3/8" up to 1 1/4 inch) in size; self-locking from 17 - 32 mm: no slipping on workpiece; energy-saving.
Zero backlash gripping of metric or imperial hex head screws; no stripping of screw heads.
Gripping jaws with pliers action for rapid tightening and loosening of bolted connections using the ratchet principle.
Ideal for tightening locknuts.
Secure and firm grip on stripped, rusty, or thickly painted nuts and screws.
Ergonomic handle design and grips covered in non-slip plastic for comfortable work particularly on large or seized nuts. One-handed fine adjustment directly on workpiece at the push of a button for optimum adaptation to different workpiece sizes and comfortable handle width. Chrome vanadium electric steel, hardened.
Dipped grip protection for an excellent grip.





Length: 250.0 mm
Min./max. width across flats: 10-32 mm
Min./max. width across flats in inches: 3/8-1-1/4 in
Number of adjustments: 15 PCS

Art. No.	Packaging unit (VPE)
0703 820 250	1 PCS

RECA circlip pliers set, 4 pieces, dip-insulated

Product description:
With return spring (only for outer ring).
Reinforced tips.
Material: Tool steel, tempered.
Dipped grip protection for an excellent grip.

Content remark: 1 size 2 for internal and external rings (A2/A21/J2/J21).



Art. No.	Packaging unit (VPE)
0703 492 4	1 PCS

RECA pipe & water pump pliers set, 3 pcs.

Content remark: RECA water pump pliers 240 mm
RECA S-shape pipe wrench, 1 inch
RECA S-shape pipe wrench, 1 1/2 inch



Art. No.	Packaging unit (VPE)
0703 859 0	1 PCS

RECA locking pliers set, 3 pcs.

Content remark: RECA locking pliers with wire cutter 250 mm
RECA welding locking pliers 250 mm
RECA clamping locking pliers, type C 280 mm



Art. No.	Packaging unit (VPE)
0703 991	1 PCS

RECA pliers set mini plier wrench & Cobra

Product description:
The bag is made from tough polyester fabric with a Velcro fastener and practical belt loop. Elastic side compartment for pencil torch, ballpoint pen or similar.
Dimensions (W x H x D): 70 x 170 x 50 mm

Contents:
1 x RECA pliers wrench 150 mm, up to size 27
1 x RECA Cobra pipe wrench 125 mm, up to size 27



Advantages:

- 2 small RECA mini pliers in one set.



RECA 2C pliers set 1, 4 pcs.

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Thick, 2-component plastic shells.
Chrome-plated head.

Content remark: RECA combination pliers, 180 mm
RECA heavy-duty side cutters, 180 mm
RECA snipe nose pliers, straight, 200 mm
RECA Cobra water pump pliers, 250 mm



Art. No.	Packaging unit (VPE)
0703 041	1 PCS

RECA 2C pliers set 2, 4 pcs.

Product description:
Fully oil-hardened and annealed.
Material: Special tool steel.
Thick, 2-component plastic shells.
Chrome-plated head.

Content remark: RECA combination pliers, 180 mm
RECA side cutters, 180 mm
RECA wire stripping pliers, 160 mm
RECA radio pliers, 160 mm



Art. No.	Packaging unit (VPE)
0703 042	1 PCS

RECA 2C pliers set VDE 1, 4 pcs.

Product description:
Individually VDE-tested to 1000 V

Fully oil-hardened and annealed.
Material: Special tool steel.
Thick, 2-component plastic shells.
Chrome-plated head.

Content remark: RECA VDE combination pliers, 180 mm
RECA VDE side cutters, 180 mm
RECA VDE snipe nose pliers, straight, 200 mm
RECA VDE snipe nose pliers, angled 40°, 200 mm



Art. No.	Packaging unit (VPE)
0703 081	1 PCS

RECA 2C pliers set VDE 2, 4 pcs.

Product description:
Individually VDE-tested to 1000 V

Fully oil-hardened and annealed.
Material: Special tool steel.
Thick, 2-component plastic shells.
Chrome-plated head.

Content remark: RECA VDE combination pliers, 180 mm
RECA VDE side cutters, 160 mm
RECA VDE wire stripping pliers, 160 mm
RECA VDE cable cutters, 165 mm



Art. No.	Packaging unit (VPE)
0703 082	1 PCS

RECA Quintus pliers

Product description:
Quintus pliers combine 5 functions in only 1 set of pliers.
Cutting, stripping, squeezing, crimping and clamping

Advantages:
- Serrated gripping surfaces hold objects securely and firmly.
- Easily strip wires or crimp wire end ferrules and insulated flat connectors (wire cross-sections 0.5/1.5/2.5 mm²)
- The blade is inductively hardened for long-lasting, consistent cutting performance.

Length: 180.0 mm



Art. No.	Packaging unit (VPE)
0703 999 011	1 PCS

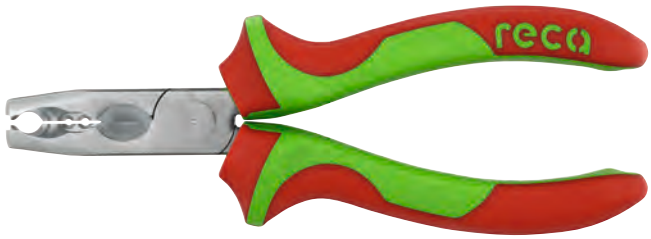






RECA VDE sheath stripping pliers

Product description:
Cutting, sheath stripping, stripping – all in a single tool.
Saves time when stripping and removing insulation from round sheathed cables and damp room cables (e.g. NYM cable).
Easier access, especially with deep-set flush-mounted junction boxes, due to narrow head shape and optimally angled cable sheath blade.
Simple and damage-free sheath stripping due to circular blade with depth stop.
For universal use: Precision stripping holes for conductors 1.5 and 2.5 mm².
With side cutters for cutting conductors, wires, small screws and nails.
Pliers made of vanadium electric steel, die-forged, oil-hardened.



Advantages:

-
- Weight 30% lower than comparable pliers
- All blades also inductively hardened to approx. 61 HRC: for high wear resistance




Advice:
Individually VDE-tested to 1000 V!

Min. wire-stripping cable diameter: 8 mm
Max. wire-stripping cable diameter: 13 mm
Min. stripper cross-section, cable and litz wire: 1.5 mm²
Max. stripper cross-section, cable and litz wire: 2.5 mm²
Max. medium wire diameter cutting capacity: 3.2 mm
Max. hard wire diameter cutting capacity: 2.2 mm
Length: 165 mm
Weight: 206 g

Art. No.	Packaging unit (VPE)
0703 999 015	1 PCS









RECA trapezoidal sheet punch pliers

Product description:
For trapezoidal plates up to max. 1.2 mm thickness.
Depth stop adjustable from 35 - 105 mm.
Tempered punch die with pressed-on ejector spring.
Hole diameter: 10 mm.
Cutting width: 100 mm.
Replaceable punch die.

Length: 700 mm




Art. No.	Packaging unit (VPE)
0703 500 010	1 PCS

Crimping tool for wire end ferrules 250 mm

Product description:
Burnished pliers with non-slip plastic sleeves.
For solderless electrical connections.
Leverage for up to 30% reduction in manual force compared to conventional crimping tools.
Precision inserts and integral lock (can be released) for consistent high crimping quality.
Crimping pressure precisely set (calibrated) at factory, adjustable.
Two-handed operation for easy crimping of large wire cross-sections.
Balanced centre of gravity, angled head and ergonomic handles for good handling.
High-grade, chromium-vanadium electric steel, oil-hardened.
With non-slip plastic sleeves.

Field of Application:
- Insulated + uninsulated wire end ferrules



- 10/16/25 mm²
- Number of crimping positions: 3

Package size:
1 St/pcs

Art. No.	Package size	Packaging unit (VPE)
0695 410 020	1 St/pcs	1 PCS

Crimping tool Preci Force 220 mm for insulated cable lugs and plug-in connectors

Product description:
Burnished pliers with multi-component sleeves.
Precision inserts and integral lock (can be released) for consistent high crimping quality.
Crimping pressure precisely set (calibrated) at factory, adjustable.
Toggle lever boost for fatigue-free working.
Comfortable handle position, light, short design and ergonomic handles for good handling.
High-grade, chromium-vanadium electric steel, oil-hardened.



Field of Application:
- Insulated cable lugs, plug-in connectors + butt connectors
- 0.5 - 6.0 mm²
- Number of crimping positions: 3

Package size:
1 St/pcs

Art. No.	Package size	Packaging unit (VPE)
0695 410 031	1 St/pcs	1 PCS

Crimping tool Preci Force 220 mm for wire end ferrules

Product description:
Burnished pliers with multi-component sleeves.
Precision inserts and integral lock (can be released) for consistent high crimping quality.
Crimping pressure precisely set (calibrated) at factory, adjustable.
Toggle lever boost for fatigue-free working.
Comfortable handle position, light, short design and ergonomic handles for good handling.
High-grade, chromium-vanadium electric steel, oil-hardened.



Field of Application:
- Insulated + uninsulated wire end ferrules
- 0.25 - 6.0 mm²
- Number of crimping positions: 5

Package size:
1 St/pcs

Art. No.	Package size	Packaging unit (VPE)
0695 410 021	1 St/pcs	1 PCS

Self-adjusting crimping tool 180 mm for wire end ferrules, square crimp

Product description:
Burnished pliers with multi-component sleeves.
Square crimping for optimum surface contact in clamped connections.
20% reduced application of force during crimping.
Smaller handle width and improved ergonomics.
For crimping wire end ferrules in line with DIN 46228 parts 1 + 4.
Self-adjustment to required size of wire end ferrules.
Fits all twin wire end ferrules within the capacitance range.
Integral lock (can be released) for consistently high crimping quality.
Crimping pressure precisely set (calibrated) at factory.
Toggle lever boost for fatigue-free working.
Light, manageable design for ease of use.
High-grade, chromium-vanadium electric steel, oil-hardened.
Square crimping now also for wire end ferrules up to 16 mm².



Advantages:
- Small crimping tool for wire end ferrules with two huge advantages for the user: - Automatic self-adjustment to the wire end ferrule in use: This reduces the workload for the technician and allows safe, reliable and rapid crimping. - Extended range of applications

Field of Application:
- Wire end ferrules
- 0.08-10 mm² & 16mm²
- Number of crimping positions: 1

Package size:
1 St/pcs

Art. No.	Package size	Packaging unit (VPE)
0695 410 022	1 St/pcs	1 PCS

Self-adjusting crimping tool 190 mm for wire end ferrules, front insertion

Product description:
Burnished pliers with multi-component sleeves.
For crimping wire end ferrules in line with DIN 46228 parts 1 + 4.
Self-adjustment to the required size of wire end ferrules: no incorrect crimps caused by using wrong die.
Fits all twin wire end ferrules within the capacitance range.
Wire end ferrules inserted into front of tool.
Integral lock (can be released) for consistently high crimping quality.
Crimping pressure precisely set (calibrated) at factory, adjustable.
Toggle lever boost for fatigue-free working.
Light, manageable design for ease of use.
High-grade, chromium-vanadium electric steel, oil-hardened.



Advantages:
- Crimping tool for wire end ferrules with three great advantages for the user: - Automatic self-adjustment to the wire end ferrule in use: This reduces the workload for the technician and allows safe, reliable and rapid crimping. - Application range also for larger cross-sections: Square crimping 0.08 - 10.0/16.0 mm² - front loading: simplifies difficult tasks in confined spaces.

Field of Application:
- Wire end ferrules

- 0.08 - 10 + 16 mm²
- Number of crimping positions: 1

Advice:
- Crimping from 0.08 mm² up to 10.0 mm² and 16.0 mm² in one profile
- Selector lever for setting crimping range from 0.08 - 10 or 16.0 mm²

Art. No.	Packaging unit (VPE)
0695 410 023	1 PCS

Self-adjusting crimping tool 180 mm for wire end ferrules, hexagon crimping

Product description:
Burnished pliers with multi-component sleeves.
Hexagon crimping with extended capacity of up to 10 mm².
Hexagon crimping for confined connection dimensions.
Smaller handle width and improved ergonomics.
For crimping wire end ferrules in line with DIN 46228 parts 1 + 4.
Self-adjustment to required size of wire end ferrules.
Fits all twin wire end ferrules within the capacitance range.
Integral lock (can be released) for consistently high crimping quality.
Crimping pressure precisely set (calibrated) at factory.
Toggle lever boost for fatigue-free working.
Light, manageable design for ease of use.
High-grade, chromium-vanadium electric steel, oil-hardened.



Field of Application:
- Wire end ferrules
- 0.08 - 6 mm²
- Number of crimping positions: 1

Art. No.	Packaging unit (VPE)
0695 410 024	1 PCS

Cable cutters, ratchet design 250 mm VDE

Product description:
For cutting Cu and Al cables, solid and multiple-strand wires.
Not suitable for steel wire and wire cables.
Hardened, precision-ground blades.
Cuts smoothly and cleanly without crushing.
Ratchet principle for one-handed use.
Low power application thanks to very high transmission.
Two-sprocket drive for easy cutting.
Light and compact design for ease of use — can also be used in confined spaces.
Pinch guard prevents crushing injuries.
High-grade, special tool steel, forged and oil-hardened.
VDE-tested.



Field of Application:
For Cu cables up to 32 mm diameter or 240 mm².
VDE-tested.

Art. No.	Packaging unit (VPE)
0695 410 010	1 PCS

Cable cutters, ratchet design 280 mm VDE

Product description:
For cutting Cu and Al cables, solid and multiple-strand wires.
Not suitable for steel wire and wire cables.
Hardened, precision-ground blades.
Cuts smoothly and cleanly without crushing.
Ratchet principle for one-handed use.
Low power application thanks to very high transmission.
Two-sprocket drive for easy cutting.
Light and compact design for ease of use — can also be used in confined spaces.
Pinch guard prevents crushing injuries.
High-grade, special tool steel, forged and oil-hardened.
VDE-tested.



Field of Application:
For Cu cables up to 52 mm diameter or 380 mm².
VDE-tested.

Advice:
Suitable for aluminium sector cable up to 4 x 150 mm²

Art. No.	Packaging unit (VPE)
0695 410 011	1 PCS

RECA ear clamp pliers

Product description:
Ear clamp pliers with side pressing nose.
For the easy and reliable attachment of 1-ear and 2-ear clamps (Oetiker system or similar).
Prevents damage to the pressing points on the ear clamps.
The narrow head enables easy access in tight installation spaces.
Versatile use for clamps on axle boots, cooler and fuel lines, lubricant systems, air pressure systems, compressors.
Durable and robust.
High-grade, special tool steel, forged and oil-hardened.



Length: 220 mm
Weight: 344 g

Art. No.	Packaging unit (VPE)
0703 720 001	1 PCS





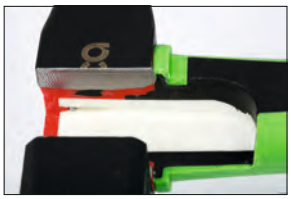


RECA ultra machinist's hammer DIN 1041

Product description:
The RECA ultra machinist's hammer in line with DIN 1041 is produced from grade C45 quality steel in line with DIN 17200. The hammer head is drop-forged and precision-ground.

Advantages:
- Shaft inseparably connected with the hammer body.
- Unbreakable hammer shaft with high-quality fibreglass core.
- Non-slip elastomer handle coating for ergonomic, safe work.
- Polypropylene carrier layer in hammer absorbs vibrations.





Art. No.	Product weight (per item)	Packaging unit (VPE)
0708 000 003	300 g	1 PCS
0708 000 005	500 g	1 PCS
0708 000 008	800 g	1 PCS
0708 000 010	1000 g	1 PCS

RECA machinist's hammer with ash handle DIN 1041

Product description:
The hammer head is electro-inductively hardened for optimum impact hardness, no splintering.
Double curved, painted ash shaft for guaranteed good handling.
Shaft secured by ring wedge sealed with synthetic resin.



Art. No.	Product weight (per item)	Packaging unit (VPE)
0695 500 001	100 g	1 PCS
0695 500 002	200 g	1 PCS
0695 500 003	300 g	1 PCS
0695 500 004	500 g	1 PCS
0695 500 005	800 g	1 PCS
0695 500 006	1000 g	1 PCS
0695 500 007	1500 g	1 PCS
0695 500 008	2000 g	1 PCS

RECA machinist's hammer with hickory handle DIN 1041

Product description:
Electro-inductively hardened for optimum impact hardness, no splintering.
Double curved, painted hickory handle for guaranteed good handling.
Shaft secured by ring wedge sealed with synthetic resin.



Art. No.	Product weight (per item)	Packaging unit (VPE)
0695 500 020	200 g	1 PCS
0695 500 021	300 g	1 PCS
0695 500 022	500 g	1 PCS
0695 500 023	800 g	1 PCS
0695 500 024	1000 g	1 PCS

RECA sledgehammer with ash handle DIN 1042 A

Product description:
Head in special steel, painted, drop-forged. Hardened and tempered.



Art. No.	Product weight (per item)	Packaging unit (VPE)
0695 500 095	3000 g	1 PCS
0695 500 096	4000 g	1 PCS
0695 500 097	5000 g	1 PCS
0695 500 098	6000 g	1 PCS

RECA lump hammer with ash handle DIN 6475

Product description:
Head in special steel, painted black. Drop forged, hardened and tempered. Polished surfaces. Rust protection through powder coating.



Art. No.	Product weight (per item)	Packaging unit (VPE)
0695 500 090	1000 g	1 PCS
0695 500 091	1250 g	1 PCS
0695 500 092	1500 g	1 PCS
0695 500 093	2000 g	1 PCS

RECA LUIS combination hammer

Product description:
2 hammers in one: Hammer and rubber mallet - switched over in an instant!

Advantages:
- Versatile hammer: Folding, flanging, bending, planishing, assembly, rapid laying of parquet flooring, gentle levelling of tiles and cobbles and gentle processing of metals, wood and all visible surfaces.

Product weight (per item): 500 g



Art. No.	Packaging unit (VPE)
0708 100 500	1 PCS

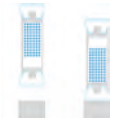


RECA soft-face hammer, recoil-free

Product description:
Non-rebound soft-face hammer with nylon (hard) inserts and hickory handle . Ideal for positioning workpieces in vices, maintenance tasks, repairs, housing assembly, assembling sharp-edged workpieces.

Advantages:
- Housing filling: Steel shot.
- On striking, the steel shot delivers additional impact.
- No force lost to recoil.





Art. No.	Head diameter	Length of head	Length	Product weight (per item)	Packaging unit (VPE)
0708 001 025	25 mm	105.0 mm	305.0 mm	325 g	1 PCS
0708 001 030	30 mm	110.0 mm	330.0 mm	460 g	1 PCS
0708 001 040	40 mm	115.0 mm	360.0 mm	715 g	1 PCS
0708 001 050	50 mm	120.0 mm	370.0 mm	990 g	1 PCS
0708 001 060	60 mm	145.0 mm	370.0 mm	1705 g	1 PCS

Wood hammer

Product description:
Ash wood with pressed-on metal sheath.



Art. No.	Head diameter	Length of head	Product weight (per item)	Packaging unit (VPE)
0695 500 062	60.0 mm	120.0 mm	360 g	1 PCS
0695 500 064	80.0 mm	160.0 mm	800 g	1 PCS

Picard roofer’s hammer with locking pin DIN 7239, TÜV-tested

Product description:
Hammer head painted black, with nail holder.
Steel tube handle with plastic grip.
With head securing device (locking pin) — TÜV-tested.

Product weight (per item): 600 g







Art. No.	Packaging unit (VPE)
0695 500 081	1 PCS

Picard roofer’s hammer, DIN 7239, with magnetic nail holder, TÜV-tested

Product description:
Hammer head painted black, with magnetic nail holder.
Steel tube handle with plastic grip.
With head securing device (locking pin) — TÜV-tested.

Product weight (per item): 600 g







Art. No.	Packaging unit (VPE)
0695 500 082	1 PCS

Rubber-headed mallet

Product description:
With two flat impact surfaces.



Art. No.	Product weight (per item)	Head diameter	Length	Packaging unit (VPE)
0695 500 060	530 g	65 mm	115.0 mm	1 PCS
0695 500 061	1170 g	90 mm	140.0 mm	1 PCS

Picard plasterer's hatchet

Product description:
Steel tube shaft and special grip, rough face.

Product weight (per item): 600 g



Art. No.	Packaging unit (VPE)
0695 500 085	1 PCS

Picard brick hammer

Product description:
Berlin type.
Steel tube shaft and special grip, rough face.

Product weight (per item): 600 g



Art. No.	Packaging unit (VPE)
0695 500 070	1 PCS

Ash handle for machinist's hammer



Art. No.	Suitable for hammer weight	Packaging unit (VPE)
0695 500 502	200 g	6 PCS
0695 500 503	300 g	6 PCS
0695 500 504	500 g	6 PCS
0695 500 505	800 g	6 PCS
0695 500 506	1000 g	6 PCS
0695 500 507	1500 g	6 PCS
0695 500 508	2000 g	6 PCS

Hickory handle for machinist's hammer



Art. No.	Suitable for hammer weight	Packaging unit (VPE)
0695 500 520	200 g	1 PCS
0695 500 521	300 g	1 PCS
0695 500 522	500 g	1 PCS
0695 500 523	800 g	1 PCS
0695 500 524	1000 g	1 PCS

Ash handle for sledgehammer



Art. No.	Suitable for hammer weight	Length	Packaging unit (VPE)
0695 500 535	3000 g	600.0 mm	1 PCS
0695 500 536	4000 g	700.0 mm	1 PCS
0695 500 537	5000 g	800.0 mm	1 PCS
0695 500 538	6000 g	800.0 mm	1 PCS

Ash handle for lump hammer



Art. No.	Suitable for hammer weight	Length	Packaging unit (VPE)
0695 500 530	1000 g	260.0 mm	1 PCS
0695 500 531	1250 g	280.0 mm	1 PCS
0695 500 532	1500 g	280.0 mm	1 PCS
0695 500 533	2000 g	300.0 mm	1 PCS

Ring wedge

Product description:
Steel ring wedges guarantee that wooden shafts are seated firmly and securely in hammer heads from the smallest up to the largest hammer.



Art. No.	Suitable for hammer weight	Packaging unit (VPE)
0695 500 010	100 g	12 PCS
0695 500 011	200 g	12 PCS
0695 500 012	300 g	12 PCS
0695 500 013	500 g	12 PCS
0695 500 014	800 g	12 PCS
0695 500 015	1000 g	12 PCS
0695 500 016	1500 g	12 PCS
0695 500 017	2000 g	12 PCS

Replacement heads for soft-face hammer

Product description:
Nylon (hard), white replacement heads



Art. No.	Diameter	Packaging unit (VPE)
0708 001 026	25 mm	2 PCS
0708 001 031	30 mm	2 PCS
0708 001 041	40 mm	2 PCS
0708 001 051	50 mm	2 PCS
0708 001 061	60 mm	2 PCS

RECA pin punch, octagonal DIN 6450

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Length: 150.0 mm

Art. No.	Tip diameter	Shaft diameter	Product weight (per item)	Packaging unit (VPE)
0704 201 150	2 mm	10 mm	65 g	1 PCS
0704 202 150	2.5 mm	10 mm	65 g	1 PCS
0704 203 150	3 mm	10 mm	70 g	1 PCS
0704 204 150	4 mm	10 mm	70 g	1 PCS
0704 205 150	5 mm	10 mm	75 g	1 PCS
0704 206 150	6 mm	10 mm	80 g	1 PCS
0704 207 150	7 mm	12 mm	110 g	1 PCS
0704 208 150	8 mm	12 mm	115 g	1 PCS
0704 209 150	9 mm	12 mm	120 g	1 PCS
0704 210 150	10 mm	12 mm	125 g	1 PCS

RECA drift punch, octagonal DIN 6458

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

100% safety



- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Length: 120.0 mm

Art. No.	Tip diameter	Shaft diameter	Product weight (per item)	Packaging unit (VPE)
0704 001 120	1 mm	10 mm	85 g	1 PCS
0704 002 120	2 mm	10 mm	85 g	1 PCS
0704 003 120	3 mm	10 mm	90 g	1 PCS
0704 004 120	4 mm	12 mm	90 g	1 PCS
0704 005 120	5 mm	12 mm	95 g	1 PCS

RECA centre punch, octagonal

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Art. No.	Tip diameter	Length	Shaft diameter	Product weight (per item)	Packaging unit (VPE)
0704 103 084	3 mm	100.0 mm	8 mm	30 g	1 PCS
0704 104 120	4 mm	120.0 mm	10 mm	70 g	1 PCS
0704 105 120	5 mm	120.0 mm	12 mm	105 g	1 PCS
0704 108 150	8 mm	150.0 mm	16 mm	130 g	1 PCS

RECA flat chisel, flat-oval DIN 6453

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Art. No.	Width of cutting edge	Shank width x shank height	Length	Product weight (per item)	Packaging unit (VPE)
0704 320 100	15 mm	14 x 9 mm	100.0 mm	90 g	1 PCS
0704 321 125	18 mm	17 x 11 mm	125.0 mm	115 g	1 PCS
0704 322 150	18 mm	17 x 11 mm	150.0 mm	205 g	1 PCS
0704 323 175	21 mm	20 x 12 mm	175.0 mm	280 g	1 PCS
0704 324 200	25 mm	23 x 13 mm	200.0 mm	370 g	1 PCS
0704 325 250	25 mm	23 x 13 mm	250.0 mm	500 g	1 PCS
0704 326 300	25 mm	23 x 13 mm	300.0 mm	600 g	1 PCS
0704 327 400	28 mm	26 x 13 mm	400.0 mm	935 g	1 PCS
0704 328 500	28 mm	26 x 13 mm	500.0 mm	1160 g	1 PCS

RECA cross-cut chisel, flat-oval DIN 6451

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Art. No.	Width of cutting edge	Shank width x shank height	Length	Product weight (per item)	Packaging unit (VPE)
0704 405 125	5 mm	17 x 11 mm	125.0 mm	100 g	1 PCS
0704 406 150	6 mm	17 x 11 mm	150.0 mm	180 g	1 PCS
0704 407 175	7 mm	17 x 11 mm	175.0 mm	210 g	1 PCS
0704 408 200	8 mm	20 x 12 mm	200.0 mm	340 g	1 PCS
0704 409 250	9 mm	23 x 13 mm	250.0 mm	455 g	1 PCS

RECA stone chisel, octagonal DIN 7254 B

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Art. No.	Width of cutting edge	Shaft diameter	Length	Product weight (per item)	Packaging unit (VPE)
0704 504 300	26 mm	18 mm	300.0 mm	650 g	1 PCS
0704 505 400	26 mm	18 mm	400.0 mm	850 g	1 PCS
0704 506 500	30 mm	20 mm	500.0 mm	1350 g	1 PCS

RECA point chisel, octagonal DIN 7256

Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!



Art. No.	Shaft diameter	Length	Product weight (per item)	Packaging unit (VPE)
0704 508 250	16 mm	250.0 mm	450 g	1 PCS
0704 509 300	18 mm	300.0 mm	650 g	1 PCS
0704 510 400	18 mm	400.0 mm	850 g	1 PCS

RECA splitting chisel, flat-oval



Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Width of cutting edge: 28 mm
Shank width x shank height: 28 x 7 mm
Length: 240.0 mm
Product weight (per item): 350 g

Art. No.	Packaging unit (VPE)
0704 503 240	1 PCS

RECA electrician's chisel, octagonal



Advantages:
Extremely long service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Art. No.	Width of cutting edge	Shaft diameter	Length	Product weight (per item)	Packaging unit (VPE)
0704 501 200	8 mm	8 mm	200.0 mm	98 g	1 PCS
0704 502 250	12 mm	10 mm	250.0 mm	190 g	1 PCS

Hand protection for chisel

Product description:
Universal hand protection for RECA chisel (excluding RECA flat oval slitting chisel).



Art. No.	Packaging unit (VPE)
0704 513	1 PCS

Hand protection for RECA flat oval slitting chisel

Product description:
Hand protection for RECA flat oval slitting chisel (27 x 8 mm) with art. no.: 0704 503 240.



Art. No.	Packaging unit (VPE)
0704 514	1 PCS

Automatic impact punch

Product description:
All active parts made from hardened tool steel.
Replaceable punch tip.
Regrindable punch tip.
Impact force regulated by knurled nut.
Impact force determined by spring force.
Tip hardness: 54-58 HRC.



Advantages:

- Pressing the handle causes a mechanism built into the impact punch to trigger a punch action. It is enough to hold the punch vertically and press the top edge. This releases the impact block and allows a marking to be punched precisely in the correct place without any risk of shifting. The further the knurled cap is screwed in, the more distinctly the marking is embossed. The tools with different article numbers only differ in the impact force they produce.

Art. No.	Tip diameter	Length	Packaging unit (VPE)
0695 500 600	11 mm	100.0 mm	1 PCS
0695 500 602	14 mm	125.0 mm	1 PCS
0695 500 604	17 mm	130.0 mm	1 PCS

Replacement tips for automatic impact punch



Art. No.	Suitable for grains	Packaging unit (VPE)
0695 500 603	14 x 125 mm	1 PCS
0695 500 605	17 x 130 mm	1 PCS

RECA striking tool set, 15 pcs.

Product description:
Complete set with centre punch, drift punch, cross-cut chisel, flat chisel and pin punch.
15 tools stored and easily accessible in a space-saving, robust metal box.



Advantages:
Optimum service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Content remark: RECA punch: 4x10x120 mm.
RECA drift punch: 1x10x120 mm/2x10x120 mm/3x10x120 mm/4x12x120 mm/5x12x120 mm.
RECA cross-cut chisel: 5x125 mm.
RECA flat chisel: 18x125 mm/18x150 mm.
RECA pin punch: 2x10x150 mm/3x10x150 mm/4x10x150 mm/5x10x150 mm/6x10x150 mm/8x12x150 mm.

Art. No.	Packaging unit (VPE)
0704 390	1 PCS

RECA striking tool set, 6 pcs.

Product description:
Complete set with centre punch, drift punch, cross-cut chisel, flat chisel and pin punch.
15 tools stored and easily accessible in a space-saving, robust metal box.



Advantages:
Optimum service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

Maximum sharpness
- Exactly and professionally precision-ground chisel cutting edges.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Content remark: RECA punch: 4x10x120 mm.
RECA drift punch: 2x10x120 mm / 3x10x120 mm
RECA cross-cut chisel: 5x125 mm.
RECA flat chisel: 18x125 mm/18x150 mm.

Art. No.	Packaging unit (VPE)
0704 190	1 PCS

RECA drift punch set, 6 pcs.

Product description:
6-piece tool set including a punch and 5 drift punches easily accessible in a space-saving, robust metal box.

Advantages:
Optimum service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Content remark: RECA punch: 4x10x120 mm.
RECA drift punch: 1x10x120 mm/2x10x120 mm/3x10x120 mm/4x12x120 mm/5x12x120 mm.



Art. No.	Packaging unit (VPE)
0704 090	1 PCS

RECA pin punch set, 6 pcs.

Product description:
6-piece tool set featuring the most common pin punches easily accessible in a space-saving, robust metal box.

Advantages:
Optimum service life
- Forged from extremely tough and wear-resistant chromium-vanadium-molybdenum steel. Specially heat-treated tips.

100% safety
- Special impact head tempering prevents splintering and the formation of burrs and so prevents accidents!

Content remark: RECA pin punch: 3x10x150 mm/4x10x150 mm/5x10x150 mm/6x10x150 mm/7x12x150 mm/8x12x150 mm.



Art. No.	Packaging unit (VPE)
0704 290	1 PCS

Screw extractor set

Product description:
For loosening broken screws and stud bolts without damaging the threads.
Hardened chromium-vanadium steel, burnished surface.



Art. No.	Content remark	Packaging unit (VPE)
0695 500 220	1 extractor of each: M3-6/M6-8/M8-11/M11-14/M14-18	1 PCS
0695 500 227	1 extractor of each: M3-6/M6-8/M8-11/M11-14/M14-18/M18-24/M24-33/M33-45	1 PCS

Screw extractor

Product description:
For loosening broken screws and stud bolts without damaging the threads.
Hardened chromium-vanadium steel, burnished surface.



Art. No.	Tip diameter	Shaft diameter	Length	Suitable for screw	Packaging unit (VPE)
0695 500 210	1.75 mm	3.6 mm	50.0 mm	M3 - M6	1 PCS
0695 500 211	2.20 mm	5.0 mm	57.0 mm	M6 - M8	1 PCS
0695 500 212	3.30 mm	6.5 mm	65.0 mm	M8 - M11	1 PCS
0695 500 213	4.75 mm	8.8 mm	70.0 mm	M11 - M14	1 PCS
0695 500 214	6.35 mm	11.0 mm	80.0 mm	M14 - M18	1 PCS

Utility knife

Product description:
Lightweight design.

Width of knife blade: 18 mm



Art. No.	Packaging unit (VPE)
0695 400 437	10 PCS

RECA 2C universal knife in quiver with 5 replacement blades

Product description:
Robust, die cast zinc housing.
Interlocking handle sections for increased stability.
Slightly curved, 2-component handle with rubber inlays for a secure grip.
5 replacement blades (trapezoidal blade) in interior reserve magazine.
Includes high-quality plastic belt holder.





RECA universal & carpet knife with 5 replacement blades

Product description:
Robust, die cast zinc housing.
5 replacement blades (trapezoidal blade) in interior reserve magazine.
Extremely robust.
Comfortable shape and surface.



Blades for universal and carpet knife

Product description:
10 replacement blades per packing unit in practical blade dispenser.







RECA utility knife, 9 mm

Product description:
Ergonomic utility knife with robust handle.
Light design with safety sliding mechanism.

Width of knife blade: 9 mm



Art. No.	Packaging unit (VPE)
0710 410 090	5 PCS

RECA utility knife, replacement blades, 9 mm

Width of knife blade: 9 mm
Content remark: Box of 10



Art. No.	Packaging unit (VPE)
0710 410 091	1 PCS

RECA utility knife, 18 mm

Product description:
Ergonomic utility knife with robust handle.
With safety sliding mechanism and grooved handle for a secure grip.
A replacement blade is integrated into the handle (pull out snap-off blade).

Width of knife blade: 18 mm



Art. No.	Packaging unit (VPE)
0710 410 180	5 PCS









RECA utility knife, replacement blades, 18 mm

Width of knife blade: 18 mm
Content remark: Box of 10



Art. No.	Packaging unit (VPE)
0710 410 181	1 PCS






RECA ultra utility knife, 18 mm with 3 replacement blades

Product description:
Non-slip, secure-grip housing prevents injuries caused by slipping.
Knurled blade-fixing thumb screw for safety.
Robust, 1 mm-thick metal blade guide for safety.
3 replacement blades in interior reserve magazine.
Robust blade, 18 mm wide x 0.6 mm thick.
Special heat treatment for optimum service life and blade sharpness.

Width of knife blade: 18 mm



Art. No.	Packaging unit (VPE)
0710 411 180	1 PCS

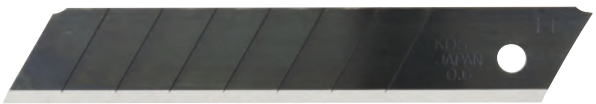




RECA ultra utility knife, replacement blades, 18 mm

Product description:
Non-slip, secure-grip housing prevents injuries caused by slipping.
Knurled blade-fixing thumb screw for safety.
Robust, 1 mm-thick metal blade guide for safety.
3 replacement blades in interior reserve magazine.
Robust blade, 18 mm wide x 0.6 mm thick.
Special heat treatment for optimum service life and blade sharpness.

Width of knife blade: 18 mm
Content remark: Box of 10



Art. No.	Packaging unit (VPE)
0710 411 181	1 PCS





reca ultra utility knife, 25 mm

Product description:
Impact-resistant and non-slip elastomer plastic housing.
Knurled blade-fixing thumb screw for safety.
Robust, 1 mm-thick metal blade guide for safety.
Robust blade, 25 mm wide x 0.7 mm thick.
Special heat treatment for optimum service life and blade sharpness.

Width of knife blade: 25 mm



Art. No.	Packaging unit (VPE)
0710 411 250	1 PCS

reca ultra utility knife, replacement blades, 25 mm

Product description:
Impact-resistant and non-slip elastomer plastic housing.
Knurled blade-fixing thumb screw for safety.
Robust, 1 mm-thick metal blade guide for safety.
Robust blade, 25 mm wide x 0.7 mm thick.
Special heat treatment for optimum service life and blade sharpness.

Width of knife blade: 25 mm
Content remark: Box of 10



Art. No.	Packaging unit (VPE)
0710 411 251	1 PCS

8

Mitre snips

Product description:
For crush-free cutting of plastic, rubber and softwood profiles.
Can cut flat ribbon cable up to 56 mm wide.
Replaceable cutting plate with 45° try square.
Markings for 60°, 75° and 90° cuts.
Replaceable trapezoidal blade.
Opening spring and catch.

Package size:
1



Art. No.	Package size	Packaging unit (VPE)
0695 400 215	1	1 PCS

Sheet metal shears with HSS blade and lever transmission

Product description:
For continuous straight and shaped cuts.
Inlaid HSS blades.
The shear heads are drop-forged and tempered. The HSS blades used guarantee a much longer service life than conventional blades. This is apparent particularly when processing high-strength materials = longer service life!



Advantages:
- Longer service life: The shear heads are drop-forged and tempered. The HSS blades used guarantee a much longer service life than conventional blades. This is apparent particularly when processing high-strength materials.
- Double compound leverage: Double compound leverage results in a noticeable reduction in the amount of force applied. At the same time, cutting performance is significantly increased as a result.
- Ergonomic handle: The soft insert and plastic covering ensure that the ergonomically shaped handle sits perfectly in the hand and does not slip.

Length: 260.0 mm
Hardness of cutting edge: 65 HRC
Max. material thickness for stainless steel: 1.2 mm
Max. material thickness: copper: 1.5 mm
Max. material thickness for steel: 1.5 mm
Cutting edge length: 33.0 mm

Art. No.	Version	Packaging unit (VPE)
0695 400 425	Left	1 PCS
0695 400 415	Right	1 PCS

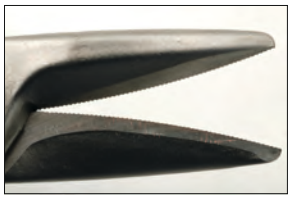
RECA circular sheet metal shears

Product description:
Particularly flexible circular sheet metal shears, for short, straight and shaped cuts. With lever transmission for ideal force transmission and ergonomic 2C plastic handle. The cutting edges (60-62 HRC) with micro-toothing (effective at preventing slipping) are forged from chrome-molybdenum steel for increased strength and a longer service life. Built-in spring for self-opening to enable effortless work.



Length: 260 mm
Hardness of cutting edge: 60 HRC
Max. material thickness for stainless steel: 0.7 mm
Max. material thickness: copper: 1.5 mm
Max. material thickness for steel: 1.2 mm
Cutting edge length: 40.0 mm





Art. No.	Version	Packaging unit (VPE)
0703 400 303	Left-hand cutting	1 PCS
0703 400 302	Right-hand cutting	1 PCS
0703 400 307	Straight cut	1 PCS

RECA vertical sheet metal shears

Product description:
For straight cuts. With lever transmission for ideal force transmission and ergonomic 2C plastic handle. Ideally suited for overhead work and tight spots. The shape keeps hands away from the plate - no risk of injuries. The rectangular cutting edges (60-62 HRC) with micro-toothing (effective at preventing slipping) are forged from chrome-molybdenum steel for increased strength and a longer service life. Built-in spring for self-opening to enable effortless work.

Advantages:
- The shape keeps hands away from the plate - no risk of cutting injuries!



Length: 220 mm
Hardness of cutting edge: 60 HRC
Max. material thickness for stainless steel: 0.7 mm
Max. material thickness: copper: 1.5 mm
Max. material thickness for steel: 1.2 mm
Cutting edge length: 44.0 mm





Art. No.	Version	Packaging unit (VPE)
0703 400 308	Left-hand cutting	1 PCS
0703 400 309	Right-hand cutting	1 PCS

RECA sheet metal shears

Product description:
For continuous straight and shaped cuts. With lever transmission for ideal force transmission and ergonomic 2C plastic handle. Built-in spring for self-opening to enable effortless work. The cutting edges (60-62 HRC) with micro-toothing (effective at preventing slipping) are forged from chrome-molybdenum steel for increased strength and a longer service life.



Length: 260 mm
Hardness of cutting edge: 60 HRC
Max. material thickness for stainless steel: 1.0 mm
Max. material thickness: copper: 1.8 mm
Max. material thickness for steel: 1.5 mm
Cutting edge length: 33.0 mm

Art. No.	Version	Packaging unit (VPE)
0703 400 305	Left-hand cutting	1 PCS
0703 400 306	Right-hand cutting	1 PCS

HSS punch snip

Product description:
For short straight and shaped cuts.
The handles are PVC-dipped.
The shear heads are drop-forged and tempered. The HSS blades used guarantee a much longer service life than conventional blades. This is apparent particularly when processing high-strength materials = longer service life!



Length: 275.0 mm
Hardness of cutting edge: 65 HRC
Max. material thickness for stainless steel: 1.0 mm
Max. material thickness: copper: 1.2 mm
Max. material thickness for steel: 1.0 mm
Cutting edge length: 42.0 mm

Art. No.	Version	Packaging unit (VPE)
0695 400 421	Left-hand cutting	1 PCS
0695 400 411	Right-hand cutting	1 PCS

HSS sheet metal shears

Product description:
For continuous straight and shaped cuts.
The handles are PVC-dipped.
The shear heads are drop-forged and tempered. The HSS blades used guarantee a much longer service life than conventional blades. This is apparent particularly when processing high-strength materials = longer service life!



Length: 280.0 mm
Hardness of cutting edge: 65 HRC
Max. material thickness for stainless steel: 1.0 mm
Max. material thickness: copper: 1.2 mm
Max. material thickness for steel: 1.0 mm
Cutting edge length: 34.0 mm

Art. No.	Version	Packaging unit (VPE)
0695 400 423	Left-hand cutting	1 PCS
0695 400 413	Right-hand cutting	1 PCS

HSS pelican shears

Product description:
For long straight and continuous cuts.
The handles are PVC-dipped.
The shear heads are drop-forged and tempered. The HSS blades used guarantee a much longer service life than conventional blades. This is apparent particularly when processing high-strength materials = longer service life!
Only available in right-hand cutting version.



Length: 300.0 mm
Version: Right-hand cutting
Hardness of cutting edge: 65 HRC
Max. material thickness for stainless steel: 1.0 mm
Max. material thickness: copper: 1.2 mm
Max. material thickness for steel: 1.0 mm
Cutting edge length: 62.0 mm

Art. No.	Packaging unit (VPE)
0695 400 414	1 PCS

RECA sheet metal shears

Product description:
For straight, continuous cuts and shaped cuts. Handles covered with plastic sheaths. Polished cutting heads. Forged cutter 58-61 HRC, induction-hardened for precise and sharp cuts.



Length: 265 mm
Hardness of cutting edge: 58 HRC
Max. material thickness for stainless steel: 0.45 mm
Max. material thickness: copper: 1.0 mm
Max. material thickness for steel: 0.75 mm
Cutting edge length: 34.0 mm

Art. No.	Version	Packaging unit (VPE)
0703 400 336	Left-hand cutting	1 PCS
0703 400 335	Right-hand cutting	1 PCS

RECA pelican sheet metal shears

Product description:
For straight, continuous cuts and shaped cuts, right-hand cutting. Handles covered with plastic sheaths. Polished cutting heads. Forged cutter 58-61 HRC, induction-hardened for precise and sharp cuts.



Length: 300 mm
Version: Right-hand cutting
Hardness of cutting edge: 58 HRC
Max. material thickness for stainless steel: 0.45 mm
Max. material thickness: copper: 1.0 mm
Max. material thickness for steel: 0.75 mm
Cutting edge length: 62.0 mm

Art. No.	Packaging unit (VPE)
0703 400 340	1 PCS

RECA shaped cut punch snip

Product description:
For short straight and shaped cuts with tight curves, right-hand cutting. Handles covered with plastic sheaths. Polished cutting heads. Forged cutter 58-61 HRC,
induction-hardened for precise and sharp cuts.



Length: 260 mm
Hardness of cutting edge: 58 HRC
Max. material thickness for stainless steel: 0.5 mm
Max. material thickness: copper: 1.2 mm
Max. material thickness for steel: 1.0 mm
Cutting edge length: 42.0 mm

Art. No.	Version	Packaging unit (VPE)
0703 400 331	Left-hand cutting	1 PCS
0703 400 330	Right-hand cutting	1 PCS

Heavy-duty shears

Product description:
Rugged design.
Black painted handles.
Long, round finger hole.

Length: 250.0 mm



Art. No.	Packaging unit (VPE)
0695 400 345	1 PCS

Universal cutter

Product description:
Cut paper, cardboard, fabric, fine sheet metal, twine, leather, flowers, plastic, wires, string, carpet and much more.
Stainless steel cutting head.
Manageable, impact-resistant plastic handles.
Self-opening and with practical fastener.

Length: 190.0 mm
Cutting edge length: 42.0 mm



Art. No.	Packaging unit (VPE)
0695 400 350	1 PCS

Bevelled-edge chisel „Kirschen“

Product description:
Short, light bevelled-edge chisel in line with DIN 5139 B.
With flattened hornbeam handle.



Art. No.	Width of knife blade	Packaging unit (VPE)
0695 500 190	4 mm	1 PCS
0695 500 191	6 mm	1 PCS
0695 500 192	8 mm	1 PCS
0695 500 193	10 mm	1 PCS
0695 500 194	12 mm	1 PCS
0695 500 195	16 mm	1 PCS
0695 500 196	18 mm	1 PCS
0695 500 197	20 mm	1 PCS
0695 500 198	26 mm	1 PCS
0695 500 199	30 mm	1 PCS

Bevelled-edge chisel set „Kirschen“, 6 pcs.

Product description:
Short, light bevelled-edge chisel in line with DIN 5139 B.
With flattened hornbeam handle.



Content remark: Bevelled-edge chisel with blade widths, in mm:
6/10/12/16/20/26

Art. No.	Packaging unit (VPE)
0695 500 200	1 PCS

Rapid hammer tacker R19 (type 13)

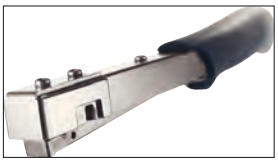
Product description:
Lightweight, easy-to-use hammer tacker for regular, intensive use.
Ideal for attaching labels, plastic films, insulating materials, fabrics, etc.

- For fine wire staples, type 13, 4-6 mm in length
- Loading mechanism with no loose parts
- Easy filling from the bottom
- Full steel structure
- Ergonomic handle with non-slip coating



Field of Application:
Roof and wall work

Length: 285.0 mm
Width: 25.5 mm
Height: 35.0 mm
Handle width (Griffb.): 32.0 mm
Handle height: 38.0 mm
Suitable for min./max. staple length: 4-6 mm
Suitable for clamp type: Type 13
Magazine capacity: 156 PCS
Weight per packaging unit: 390 g



Art. No.	Packaging unit (VPE)
0580 013 019	1 PCS



Rapid tacker R 23 (type 13)

Product description:
Lightweight, easy-to-use hand-held tacker made of metal.
Ideal for demanding professional applications and precision work. Particularly suitable for securing thin webbing, paper and labels, and for upholstering furniture.

- For fine-wire staples type 13 of 4-8 mm in length
- Rebound-free with noise attenuation
- With locking function for easy stowage
- Easy-to-use loading system
- Housing and mechanics completely made of steel
- Simple colour coding system for finding the right staples



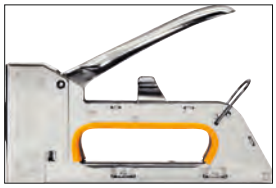
Field of Application:
Lightweight fabrics, paper, thin webbing

Length: 180.0 mm
Width: 24.0 mm
Height: 80.0 mm
Suitable for min./max. staple length: 4-8 mm
Suitable for clamp type: Type 13
Magazine capacity: 156 PCS
Weight per packaging unit: 558 g

Art. No.	Packaging unit (VPE)
0580 013 023	1 PCS

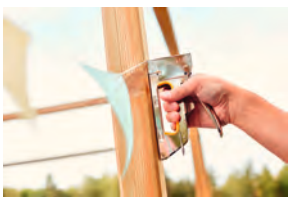














Rapid tacker R 33 (type 13)

Product description:
Powerful, uncompromising hand-held stapler.
Developed for demanding professional tasks and precision work.
For plastic film, securing heavy fabric, carpet and wire mesh.

- For fine wire staples, 6-14 mm in length
- New! With patented 3-stage impact force control! 40% less effort required
- Housing and all internal parts made of steel
- Recoil-free with noise damping
- Handle locking function for easy storage
- Easy colour coding system for finding the right staple

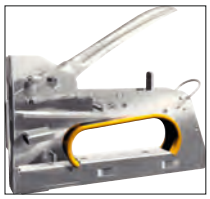


Field of Application:
Plastic film, heavy fabrics, carpet and wire mesh

Length: 180.0 mm
Width: 25.0 mm
Height: 107.0 mm
Suitable for min./max. staple length: 6-14 mm
Suitable for clamp type: Type 13
Magazine capacity: 156 PCS
Weight per packaging unit: 840 g

Art. No.	Packaging unit (VPE)
0580 013 033	1 PCS

















Rapid fine wire staple, type 13



Product description:
These high-quality fine-wire staples are ideal for securing webbing, plastic films, textiles and fabrics.
They are barely visible and only have a minimal effect on the textile fibre. They are also very well suited for affixing labels.
Manufactured from high-quality galvanised steel with precision cut for optimal driving by impact.

Field of Application:
For finer materials.

Advice:
Suitable for the following tackers:
Rapid 19
Rapid 23
Rapid 30
Rapid 33
Rapid 13
Rapid 13E
Rapid 83E
Rapid 213
Esco 19
Esco 19E
Novus J08ABH
Würth ST19
Würth ST19 Ergo
Novus J09ABH
Novus J020H
Novus J021H
Novus J19
Rapid 63E
Rapid 113
Rapid Alu610
Rapid Alu913
Rapid 19E
LUX 195050
Novus J08
Novus J16

Clip type: Type 13
Width: 10.6 mm
Nominal diameter: 0.7 mm
Suitable for hammer tacker and hand tacker: Rapid 19, Rapid 23, Rapid 30, Rapid 33, Rapid 13, Rapid 13E, Rapid 83E, Rapid 213, Esco 19, Esco 19E, Novus J08ABH, Würth ST19, Würth ST19 Ergo, Novus J09ABH, Novus J020H, Novus J021H, Novus J19, Rapid 63E, Rapid 113, Rapid Alu610, Rapid Alu913, Rapid 19E, LUX 195050, Novus J08, Novus J16

Art. No.	Length	Version	Weight per packaging unit	Packaging unit (VPE)
0580 013 004	4.0 mm	Steel galvanised	220 g	1 PCS
0580 013 006	6.0 mm	Steel galvanised	264 g	1 PCS
0580 013 018	8.0 mm	Stainless steel	155 g	1 PCS
0580 013 008	8.0 mm	Steel galvanised	314 g	1 PCS
0580 013 010	10.0 mm	Steel galvanised	382 g	1 PCS
0580 013 014	14.0 mm	Steel galvanised	485 g	1 PCS









Rapid tacker R 53 (type 53)

Product description:
Lightweight, easy-to-use tacker for simpler professional jobs and DIY projects. Ideal for securing wall coverings, posters and leather, as well as upholstering furniture and decorative work with various fabrics.

- For fine-wire staples from 4-10 mm in length
- Noise attenuation
- Internal wear parts made of steel
- Rebound-free operation
- Ergonomic handle with locking function for easy stowage



Field of Application:
Securing of textiles, decoration

Length: 180.0 mm
Width: 30.0 mm
Height: 90.0 mm
Suitable for min./max. staple length: 4-10 mm
Suitable for clamp type: Type 53
Magazine capacity: 156 PCS
Weight per packaging unit: 270 g

Art. No.	Packaging unit (VPE)
0580 053 053	1 PCS









Rapid fine wire staple, type 53

Product description:
These high-quality fine-wire staples are ideal for securing webbing, plastic films, textiles and fabrics.
They are barely visible and only have a minimal effect on the textile fibre. They are also very well suited for affixing labels.
Manufactured from high-quality galvanised steel with precision cut for optimal driving by impact.



Field of Application:
For finer materials.

Advice:
Suitable for the following tackers:
Rapid 53
Rapid 53E
Rapid 153
Rapid 253
Rapid 253E
Rapid 353
Rapid 453E
Rapid 553
Würth HT53
Würth HT53 Ergo
Black & Decker A5751
Black & Decker A5752
Black & Decker A5980
Bosch HT8
Bosch PTK19E
Esco 10
Esco 10E
Esco 20
Esco 20 prof.
Esco 30
Esco 30E
Esco 40
Esco 40 prof.
Esco 50E
Esco 90
Esco 100
Esco HT53055
Rapid Alu610
Rapid Alu753
Rapid Alu853
Rapid Alu953
Rapid 530
Bosch PTK3.6
Bosch PTK3.6Li
Bosch HMT53

Clip type: Type 53
Width: 11.4 mm
Nominal diameter: 0.75 mm

Version: Steel galvanised
Suitable for hammer tacker and hand tacker: Rapid 53, Rapid 53E, Rapid 153, Rapid 253, Rapid 253E, Rapid 353, Rapid 453E, Rapid 553, Würth HT53, Würth HT53 Ergo, Black & Decker A5751, Black & Decker A5752, Black & Decker A5980, Bosch HT8, Bosch PTK19E, Esco 10, Esco 10E, Esco 20, Esco 20 prof., Esco 30, Esco 30E, Esco 40, Esco 40 prof., Esco 50E, Esco 90, Esco 100, Esco HT53055, Rapid Alu610, Rapid Alu753, Rapid Alu853, Rapid Alu953, Rapid 530, Bosch PTK3,6, Bosch PTK3,6Li, Bosch HMT53

Art. No.	Length	Weight per packaging unit	Packaging unit (VPE)
0580 053 006	6.0 mm	310 g	1 PCS
0580 053 008	8.0 mm	349 g	1 PCS
0580 053 010	10.0 mm	381 g	1 PCS









Rapid tacker R 34 (type 140)

Product description:
Powerful, uncompromising hand-held stapler.
Developed for demanding professional applications and precision working.
Ideal for securing thin plates, wood fibre boards, insulating materials and vapour barriers.

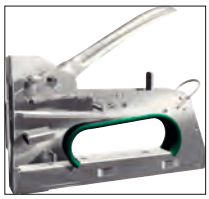
- For flat-wire staples, type 140, 6-14 mm in length
- New! With patented 3-stage impact force control! 40% less effort required
- Housing and all wear parts made of steel
- Recoil-free with noise damping
- Handle locking function for easy storage
- Easy colour coding system for finding the right staple



Field of Application:
Vapour barriers and insulating material, thin plates, wood fibre boards

Length: 180.0 mm
Width: 25.5 mm
Height: 106.0 mm
Suitable for min./max. staple length: 6-14 mm
Suitable for clamp type: Type 140
Magazine capacity: 104 PCS
Weight per packaging unit: 835 g

Art. No.	Packaging unit (VPE)
0580 140 034	1 PCS











Rapid hammer tacker R 311 (type 140)

Product description:
Hammer tacker with outstanding precision and service life.
Ideal for a large number of demanding professional applications.
A newly developed, sophisticated loading system ensures that when filling the clip magazine no parts can fallout. The perfect solution for quick securing of roof and insulating materials, vapour barriers, plastic films and labels.

- For flat-wire staples type 140, 6-12 mm in length
- Fast and easy loading from below without loose parts
- Rotatable clip driver for a long service life
- Large baffle plate to protect the working materials
- Well balanced with non-slip ergonomic handle
- Robust design made completely of steel

Field of Application:
Roof and insulating material, vapour barriers, roof protection films



Length: 336.0 mm
Width: 28.0 mm
Height: 60.0 mm
Handle width (Griffb.): 38.0 mm
Handle height: 43.0 mm
Suitable for min./max. staple length: 6-12 mm
Suitable for clamp type: Type 140
Magazine capacity: 208 PCS
Weight per packaging unit: 1020 g



Art. No.	Packaging unit (VPE)
0580 140 311	1 PCS













Rapid double driver for hammer tacker R 311.

Product description:
Double driver for hammer tacker R 311

Length: 31 mm
Width: 18 mm
Thickness: 1.2 mm
Weight per packaging unit: 8 g



Art. No.	Packaging unit (VPE)
0580 140 312	1 PCS

Rapid holster for hammer tacker R 311

Product description:
High-quality hammer tacker holster specially for the R 311 hammer tacker.
For secure, handy safekeeping. Increases the effectiveness of working time and safety at the workplace.

- Robust seams and water-resistant nylon
- Riveted for long service life
- Reinforced with non-slip material and steel wire webbing



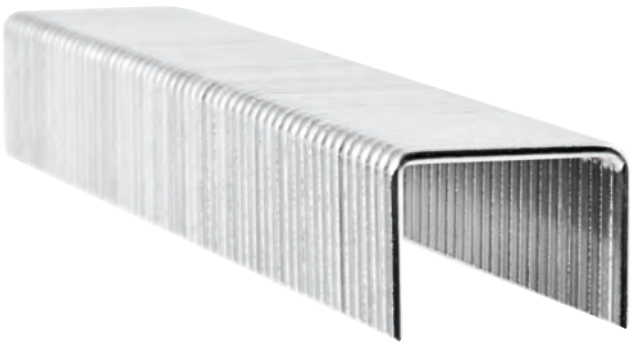


Art. No.	Packaging unit (VPE)
0580 140 313	1 PCS





Rapid flat-wire staple type 140



Product description:
These high-quality flat-wire staples have a wider back and thus a larger contact area on the surface.
This makes them unlikely to be pulled out and therefore ideal for working with insulating materials and thin films, as well as thin cardboard and carpets.
The precise chisel cut optimises the driving by impact process.

Field of Application:
For finishings.

Advice:
Suitable for the following tackers:
„Rapid 11
Rapid 11E
Rapid 14
Rapid 34
Rapid 44
Rapid 44E
Rapid 54
Würth ST11
Würth ST11 Ergo
Würth HT34
Bosch HMT57
Esco 11
Esco 11E
Novus J031G
Novus J08
Novus J19
Rapid ES130
Rapid ESN140
Rapid PS111
Rapid R64
Rapid R211
Rapid R214
Rapid R311
Novus J08ABH
Novus J16“

Clip type: Type 140
Width: 10.6 mm
Nominal diameter: 1.3 mm
Suitable for hammer tacker and hand tacker: Rapid 11, Rapid 11E, Rapid 14, Rapid 34, Rapid 44, Rapid 44E, Rapid 54, Würth ST11, Würth ST11 Ergo, Würth HT34, Bosch HMT57, Esco 11, Esco 11E, Novus J031G, Novus J08, Novus J19, Rapid ES130, Rapid ESN140, Rapid PS111, Rapid R64, Rapid R211, Rapid R214, Rapid R311, Novus J08ABH, Novus J16

Art. No.	Length	Version	Weight per packaging unit	Packaging unit (VPE)
0580 140 006	6 mm	Steel galvanised	527 g	1 PCS
0580 140 008	8 mm	Steel galvanised	625 g	1 PCS
0580 140 028	10 mm	Stainless steel	290 g	1 PCS
0580 140 010	10 mm	Steel galvanised	717 g	1 PCS
0580 140 012	12 mm	Steel galvanised	828 g	1 PCS
0580 140 014	14 mm	Steel galvanised	922 g	1 PCS

Hand deburring tool Edge-Off

Product description:
Aluminium handle. Blade is permanently attached and not replaceable! The hexagon handle is 8 mm thick. Specialist application: The Edge-Off tool is equipped with an S 10 blade and is ideal for deburring steel and aluminium. Total length: 140 mm



Art. No.	Packaging unit (VPE)
0694 701 000	1 PCS

Raid-Burr hand deburring tool

Product description:
Aluminium hexagon handle. 12 mm diameter. Replaceable blade. All S-type blades can be mounted. Ideal for deburring steel and aluminium. The deburring tool is equipped with an S-type blade. Hexagon handle length 130 mm, blade mount 3.2 mm, handle thickness 12 mm.



Art. No.	Packaging unit (VPE)
0694 701 001	1 PCS

Hand deburring tool Noga-Burr

Product description:
Handle with 5 different blades. S 10 for steel and aluminium; S 20 for brass and cast iron; S 35 especially for straight steel and aluminium edges; S 101 with fine tip for steel and aluminium; S 202 with extra fine tip for brass and cast iron



Art. No.	Packaging unit (VPE)
0694 701 119	1 PCS

Hand deburring tool Liza-Burr

Product description:
Plastic handle with pull-out blade holder. Accepts N-type and S-type blades. Standard model with N1 and N2 blades.
Total length 170 mm when retracted, 255 mm with extended holder

Advantages:
- Different mounts enable multiple blades to be employed for different applications



Art. No.	Packaging unit (VPE)
0694 701 006	1 PCS

Hand deburring tool with countersink

Product description:
The manual deburring tool features a plastic handle with extendable holder. The holder can be fixed at the required length. Specialist application: deburring deeply recessed drill holes. Includes HSS countersink, 20 mm Ø. Total length 165 mm with holder retracted, 250 mm with holder extended.



Art. No.	Packaging unit (VPE)
0694 701 121	1 PCS

Hand deburring tool Double-Burr

Product description:
HSS cutting discs. Plastic handle with hand guard. Cutting discs can be rotated. Adjustable up to 10 mm material thickness



Art. No.	Packaging unit (VPE)
0694 701 003	1 PCS



S 100 spare blades

Product description:
HSS blade

Application area:
Rapid-Burr and Noga-Burr

Field of Application:
Deburring stainless steel, steel and aluminium

Advice:
Thick replacement blade, Ø 3.2 mm



Art. No.	Packaging unit (VPE)
0694 701 100	10 PCS

Replacement S 10 TIN blades

Product description:
HSS blade

Advantages:
- TiN-coated

Application area:
Rapid-Burr and Noga-Burr

Field of Application:
Deburring steel, copper-aluminium, plastic

Advice:
Thick replacement blade, Ø 3.2 mm



Art. No.	Packaging unit (VPE)
0694 701 099	10 PCS

S 20 spare blades

Product description:
HSS blade

Advantages:
- Can be used left-handed or right-handed

Application area:
Rapid-Burr and Noga-Burr

Field of Application:
Deburring brass, plastic and cast iron

Advice:
Thick replacement blade, Ø 3.2 mm



Art. No.	Packaging unit (VPE)
0694 701 102	10 PCS

S 30 spare blades

Product description:
HSS blade

Application area:
Rapid-Burr and Noga-Burr

Field of Application:
Deburring brass, plastic and cast iron. Inner and outer deburring of drill holes in pipes and sheet metal.

Advice:
Thick replacement blade, Ø 3.2 mm



Art. No.	Packaging unit (VPE)
0694 701 108	10 PCS

S 35 spare blades

Product description:
HSS blade

Application area:
Rapid-Burr and Noga-Burr

Field of Application:
Deburring straight edges

Advice:
Thick replacement blade, Ø 3.2 mm



Art. No.	Packaging unit (VPE)
0694 701 103	10 PCS

N 1 spare blades

Product description:
HSS blade

Application area:
Liza-Burr

Field of Application:
Light deburring tasks on steel, copper and aluminium

Advice:
Thin replacement blade Ø 2.6 mm



Art. No.	Packaging unit (VPE)
0694 701 106	10 PCS

Replacement blades N 1 TiN

Product description:
HSS blade

Advantages:
- TiN-coated

Application area:
Liza-Burr

Field of Application:
Especially for plastic

Advice:
Thin replacement blade Ø 2.6 mm



Art. No.	Packaging unit (VPE)
0694 701 109	10 PCS

N 3 spare blades

Product description:
HSS blade

Application area:
Liza-Burr

Field of Application:
For deburring drill holes and pipes

Advice:
Thin replacement blade Ø 2.6 mm



Art. No.	Packaging unit (VPE)
0694 701 110	10 PCS

Replacement cutting edges for Double-Burr

Product description:
HSS cutting discs

Application area:
Double-Burr

Field of Application:
Replacement cutting discs for Double-Burr



Art. No.	Packaging unit (VPE)
0694 701 104	10 PCS

RECA scriber, carbide tip, pen design

Product description:
For professional applications requiring precise and sharply defined scribing on metals and other materials (e.g. tool, mould and fixture construction).
The regrindable tips can be changed quickly and easily. Suitable for materials up to 60 HRC.



Art. No.	Length	Type	Packaging unit (VPE)
0705 651 151	30.0 mm	Replacement tips for scriber	5 PCS
0705 651 150	150.0 mm	Scriber, pen design	1 PCS

CV steel scriber

Product description:
Knurled handle and screwed-on steel tip. Chromium-vanadium steel, tempered.

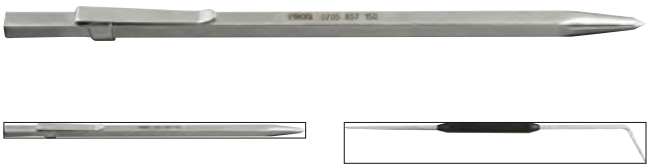


Art. No.	Version	Length	Packaging unit (VPE)
0705 654 250	Curved	250.0 mm	1 PCS
0705 652 175	Straight	175.0 mm	1 PCS

Cemented carbide scriber

Product description:
Ideal for scribing on extremely hard materials.

The straight version includes a metal pocket clip and protective cap.



Art. No.	Version	Length	Packaging unit (VPE)
0705 658 250	Curved	250.0 mm	1 PCS
0705 657 150	Straight	150.0 mm	1 PCS

Drill hole marker

Product description:
For marking drill holes and hard-to-reach areas.
The stainless steel tip is 2.5 mm wide and 25 mm long. This makes the marker ideal for assembly work.
A special head tip prevents slipping in if pressing on too hard.
Water-resistant on almost all surfaces.



Field of Application:
Metal, installation, industry

Line thickness: 2.5 mm
Shape of tip: Round tip
Colour: Black
Version: Permanently waterproof
Length of pin: 145 mm
Stud diameter: 12 mm

Art. No.	Packaging unit (VPE)
0695 900 305	5 PCS



Cable marker

Product description:
For permanent marking of electrical cables, cable ties, small components, labels and precision components.
Light-resistant and quick-drying.
For marking on smooth surfaces such as plastic, metal, rubber and paper.



Field of Application:
Metal, installation, industry

Line thickness: 0.75 mm
Shape of tip: Round tip
Colour: Black
Version: Permanently waterproof
Length of pin: 145 mm
Stud diameter: 12 mm

Art. No.	Packaging unit (VPE)
0695 900 301	5 PCS



Permanent marker

Product description:
Permanent marker filled with ink. For permanently labelling and marking light surfaces.
Light-resistant and quick drying.
For marking on smooth surfaces such as plastic, metal, glass, rubber, wood, paper and cardboard



Field of Application:
Metal, installation, industry, construction, timber construction

Min./max. line thickness: 1.5-3 mm
Shape of tip: Round tip
Version: Permanently waterproof
Length of pin: 140 mm
Stud diameter: 15 mm

Art. No.	Colour	Packaging unit (VPE)
0695 900 310	Black	5 PCS
0695 900 312	Blue	5 PCS
0695 900 311	Red	5 PCS



Paint marker

Product description:
Highly opaque paint marker with a felt tip, ideal for dark surfaces and workpieces.
The felt tip can be turned around when worn.
For long-lasting marking of metal, glass, plastic, tiles, rubber, wood, stone etc. (UV-resistant up to approx. 12 months)
Water-resistant, quick-drying paint marking fluid.



Field of Application:
Construction, metal, installation, industry

Advice:
Before use, shake the marker and gently press the tip onto the workpiece several times to allow the paint marking fluid to flow into the felt tip.

Line thickness: 4 mm
Shape of tip: Round tip
Version: Permanently waterproof
Length of pin: 140 mm
Stud diameter: 15 mm

Art. No.	Colour	Packaging unit (VPE)
0695 900 320	Black	5 PCS
0695 900 321	White	5 PCS
0695 900 322	Yellow	5 PCS



Duo marker

Product description:
Red/blue lead for identifying different measuring points and hot and cold water pipes, as well as for corrections.
Made from high-quality limewood. This soft hardwood is very well suited to



sharpening, and offers an optimal combination of stability and flexibility.

Field of Application:
Installation, timber construction

Advice:
Wax particles in the lead mean that the marker also writes very well on metals.

Shape of tip: Round tip
Colour: Blue/red
Length of pin: 175 mm
Stud diameter: 10 mm

Art. No.	Packaging unit (VPE)
0695 900 240	12 PCS



Marking chalk

Product description:
For marking dry and wet wood, metal, stone, concrete, brick, paper, cardboard, plastics and asphalt.
Ideal for position markings.
Weather-resistant, light-fast labelling.
Unpapered.



Field of Application:
Construction, metal, installation, wood

Form: Hexagonal
Length of pin: 120 mm
Stud diameter: 12 mm

Art. No.	Colour	Packaging unit (VPE)
0695 900 254	Blue	12 PCS
0695 900 253	Red	12 PCS
0695 900 251	White	12 PCS
0695 900 252	Yellow	12 PCS



Holder for marking chalks

Product description:
Chalk holder for marking chalk.
Sturdy construction - made entirely of aluminium with a practical clip.
Suitable for round and hexagonal chalks with a diameter of 1-12 mm.
Protects hands and clothing against contamination, and chalk against breakage.



Field of Application:
Construction, metal, installation, wood

Form: Round
Length of pin: 115 mm
Stud diameter: 21 mm

Art. No.	Packaging unit (VPE)
0695 900 250	1 PCS



Professional carpenters' pencil

Product description:
Very robust design for professionals with a thick wooden casing and a wide graphite lead.
Lead hardness HB (= medium-hard) for slightly rough to rough surfaces. For marking wood, concrete, cardboard and paper.
Made from high-quality limewood. This soft hardwood is very well suited to sharpening, and offers an optimal combination of stability and flexibility.



Width: 13 mm
Height: 8.5 mm
Version: Oval
Length of pin: 240 mm

Art. No.	Packaging unit (VPE)
0695 900 215	12 PCS



Professional mason's pencil

Product description:
Very robust design for professionals with a thick wooden casing and a wide graphite lead.
Lead hardness 10 H (= extremely hard) for less abrasion on rough surfaces. For marking hard surfaces such as stone, brick, and concrete.
Made from high-quality limewood. This soft hardwood is very well suited to sharpening, and offers an optimal combination of stability and flexibility.



Field of Application:
Construction, installation

Width: 13 mm
Height: 8.5 mm
Version: Oval
Length of pin: 240 mm

Art. No.	Packaging unit (VPE)
0695 900 216	12 PCS



Multigraph

Product description:
Ergonomic, triangular-shaped.
Lead hardness 7B (= very soft lead) for thick, dark lines. For marking on smooth surfaces such as metal sheets, metal, tiles, glass, dry and wet wood as well as cardboard and paper.
Made from high-quality limewood. This soft hardwood is very well suited to sharpening, and offers an optimal combination of stability and flexibility.





Field of Application:
Metal, installation

Advice:
This pencil produces excellent marking results on sheet copper, titanium-zinc, stainless steel and other sheet metals.
The triangular shaped pencil is well-known to panel-beaters, plumbers, tinsmiths and roofers as the „soft-lead pencil".

Width: 12 mm
Height: 12 mm
Version: Triangle
Length of pin: 240 mm

Art. No.	Packaging unit (VPE)
0695 900 214	9 PCS



Soapstone chalk

Product description:
Durable, white, fire-resistant coating, easily visible thanks to welder's safety glasses.
For marking metal and steel when welding and cutting up to 2000°C.



Field of Application:
Metal, installation

Width: 10 mm
Height: 10 mm
Length of pin: 100 mm

Art. No.	Packaging unit (VPE)
0695 900 270	50 PCS



Deep-hole marker set

Product description:
Consisting of six graphite refills and one deep-hole marker with automatic lead feed (2 mm). Highly durable design — tip, housing and clip made of metal. Ideal for drilling and assembly work. The leads (diameter 2.8 mm) can be sharpened using a sharpener integrated in the cap.
For marking on wood, concrete, brick, plaster, metal, glass, plastic, tiles, rubber etc.



Field of Application:
Construction, metal, installation, wood and industry

Advice:
With automatic lead feed (2 mm)

Length of pin: 155 mm
Stud diameter: 14 mm

Stud diameter 2: 6 mm
Content remark: One deep-hole marker with graphite lead, six graphite refills















Art. No.	Packaging unit (VPE)
0695 900 281	1 PCS

Deep-hole marker

Product description:
Deep-hole marker with automatic lead feed (2 mm). Highly durable design — tip, housing and clip made of metal.
Ideal for drilling and assembly work. The leads (diameter 2.8 mm) can be sharpened using a sharpener integrated in the cap.
For marking on wood, concrete, brick, plaster, metal, glass, plastic, tiles, rubber



etc.

Field of Application:
Construction, metal, installation, timber construction and industry

Advice:
With automatic lead feed (2 mm)

Length of pin: 155 mm
Stud diameter: 14 mm
Stud diameter 2: 6 mm







Art. No.	Packaging unit (VPE)
0695 900 280	1 PCS

8

Lead refills for deep-hole markers

Product description:
Lead refills suitable for RECA deep-hole markers (art. no.: 0695 900 280 / 0695 900 281).

Field of Application:
Construction, metal, installation, wood and industry

Advice:
Protect leads against excessively high temperatures (> 40°C).

Length: 120 mm
Diameter: 2.8 mm



Art. No.	Colour	Packaging unit (VPE)
0695 900 285	Graphite	6 PCS
0695 900 286	Red	6 PCS
0695 900 287	Yellow	6 PCS

Professional marker set

Product description:
The professional marker is used for marking on somewhat coarser materials (e.g. on construction sites). The leads have a diameter of 5.6 mm.
It is an all-purpose clutch pencil for smooth and dark surfaces such as concrete, brick, glass, tile, plastic, rubber, wood, metal, cardboard, etc.
Highly durable design made completely of metal. A sharpener is integrated in the cap.
With a practical clip - so the pen is always ready to hand.

Field of Application:
Construction, metal, installation, timber construction



Length of pin: 142 mm
Stud diameter: 11.5 mm
Colour: Graphite, Yellow, Red
Content remark: 2 professional markers with graphite or red lead, 5 graphite, red & yellow refills
Number of pieces in assortment/set: 19 PCS

Art. No.	Packaging unit (VPE)
0695 900 230	1 PCS





Lead refills for professional markers

Product description:
Lead refills suitable for RECA professional markers (art no.: 0695 900 230).

Field of Application:
Construction, metal, installation, wood



Length: 120 mm
Diameter: 5.6 mm

Art. No.	Colour	Packaging unit (VPE)
0695 900 231	Graphite	5 PCS
0695 900 232	Red	5 PCS
0695 900 233	Yellow	5 PCS

RECA encased tape measure

Product description:
High-quality, impact-resistant 2-component plastic housing.
mm divisions on one side.
Yellow-painted tape measure.
EC precision class II.

Width: 13.0 mm





Art. No.	Length	Packaging unit (VPE)
0705 260 10	10.0 m	1 PCS
0705 260 20	20.0 m	1 PCS
0705 260 30	30.0 m	1 PCS
0705 260 50	50.0 m	1 PCS

RECA framed tape measure

Product description:
Novel, closed frame design, which offers high bending strength and breaking resistance.
Large handle piece for a good grip and secure handling.
Stable crank arm can easily be modified for left-handed people.
Genuine plain bearings for long durability and smooth running of the entire crank mechanism.
Wound tape is perfectly protected in the frame from mechanical stresses.
Tape ring can be fixed to the frame and protects the tape from breakage.
Stable, precise folding hook for single-person use.
Tape measure: accuracy class EC II.



Advantages:
- Suitable for right-handed and left-handed people. Crank can be modified.

Advice:
mm divisions on one side!

Width: 13.0 mm
Accuracy class: II

Art. No.	Type	Length	Packaging unit (VPE)
0705 272 30	Stainless steel tape measure	30 m	1 PCS
0705 272 50	Stainless steel tape measure	50 m	1 PCS

Art. No.	Type	Length	Packaging unit (VPE)
0705 271 30	Steel tape measure	30 m	1 PCS
0705 271 50	Steel tape measure	50 m	1 PCS

Steel ruler

Product description:
Stainless steel with electrolytically etched, indelible mm divisions and ground edges.



Thickness: 0.5 mm

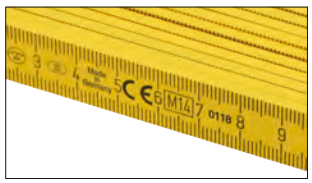
Art. No.	Length	Width	Packaging unit (VPE)
0705 100 150	150.0 mm	13.0 mm	1 PCS
0705 100 300	300.0 mm	13.0 mm	1 PCS
0705 100 500	500.0 mm	18.0 mm	1 PCS
0705 101 000	1000.0 mm	18.0 mm	1 PCS

Wooden folding rule

Product description:
Quality hinges.
Angles stamped on 2nd segment.
Pale yellow.
Number of segments: 10.
EC precision class III.

Length: 2.0 m
Width: 15.0 mm







Art. No.	Packaging unit (VPE)
0695 900 050	10 PCS

RECA Messfix compact

Product description:
Short when retracted.
Robust display housing with integrated, combination horizontal/vertical spirit level.
mm divisions on accurate metal tape measure.



Round telescopic tube for comfortable handling.
Includes textile pouch.



Art. No.	Length (pushed together)	Max. length measuring range	Min. length measuring range	Min./max. length measuring range	Packaging unit (VPE)
0705 404 003	0.6 m	3.0 m	0.6 m	0.6-3.0 m	1 PCS
0705 404 005	0.9 m	5.0 m	0.9 m	0.9-5.0 m	1 PCS

RECA tape measure EG 1

Product description:
High-quality, impact-resistant 2-component housing (plastic/stainless steel).
Automatic tape retraction with lock button.
With belt clip.
Yellow-painted tape measure with nylon coating.
Stop button (index finger operation) for quick, easy measurements.
EC precision class I.

Length: 3.0 m
Width: 19.0 mm





Art. No.	Packaging unit (VPE)
0705 213 003	1 PCS

RECA 2C tape measure

Product description:
High-quality, impact-resistant 2-component plastic housing.
Front side of tape measure: horizontal scale, painted yellow, matt.
Rear side of tape measure: vertical scale, painted white, matt.
Nylon-coated tape measure
Automatic tape retract with toggle switch.
All models with belt clip.
EC precision class II.





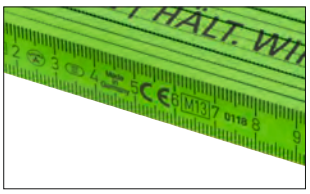
Art. No.	Length	Width	Packaging unit (VPE)
0705 240 3	3.0 m	15.9 mm	1 PCS
0705 240 5	5.0 m	17.4 mm	1 PCS
0705 240 8	8.0 m	22.0 mm	1 PCS

RECA wooden folding rule

Product description:
Quality hinges.
Angles stamped on 2nd segment.
Number of segments: 10.
EC precision class III.

Length (Länge): 2.0 m
Width (Breite): 15.0 mm







Art. No.	Packaging unit (VPE)
0705 100 100	10 PCS

RECA Inox tape measure, triple function

Product description:
Absolutely rust-free chrome-nickel steel construction, does not deposit rust film when working on stainless steel.
Innovative mechanism for silky smooth running.
Automatic tape return with stop button.
EC precision class II.

Application area:
The tape measure with three functions:
1. Length measurements.
2. Inside measurements.
3. Compass function.
The tape measure is the right way up in the viewing window - incorrect readings are a thing of the past.

Length: 3.0 m
Width: 16.0 mm



Art. No.	Packaging unit (VPE)
0705 213 3	1 PCS





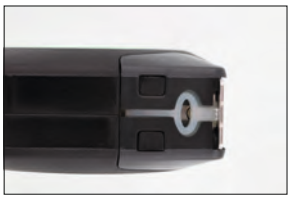
RECA tape measure with stainless steel tape

Product description:
An especially lightweight and handy tape rule, specifically designed for professional use. The fibre glass-reinforced polyamide housing encases innovative inner workings that redefine the category of „pocket tape measure". Stainless steel tape design for special applications. The tape, retraction spring and end hook are all completely rust-free. Stainless steel with black markings. Tape in EC precision class II.











Art. No.	Length	Width	Packaging unit (VPE)
0705 243	3.0 m	13.0 mm	1 PCS
0705 245	5.0 m	16.0 mm	1 PCS

RECA tape measure with magnet

Product description:
High-quality, impact-resistant plastic housing.
White painted tape measure.
Automatic tape retraction with lock button.

Length: 5.0 m
Width: 25.0 mm



Art. No.	Packaging unit (VPE)
0705 235 1	1 PCS



RECA tape measure BIG MAGNET

Product description:
Automatic tape extender pushes the tape measure out by up to 2 m without assistance.
Yellow-painted tape measure.
High-quality 2C plastic housing.

Length: 15.0 m
Width: 25.0 mm





Art. No.	Packaging unit (VPE)
0705 235 15	1 PCS

RECA vernier calipers, digital

Product description:
Stainless steel, hardened, with finely ground measuring faces.
With cross jaws and locking screw.
Display precision 0.03 mm.
Switchover between mm/inch.
Reset to zero possible from anywhere in measuring range.
Includes robust plastic case with foam inlay.

Max. length measuring range: 150 mm
Limb length: 40.0 mm



Art. No.	Packaging unit (VPE)
0705 725 150	1 PCS



RECA precision vernier calipers

Product description:
Stainless steel, fully hardened.
Scale and vernier matt chrome-plated.
Precise reading thanks to parallax-free design.
Recessed scale.
Ground measuring faces.
With depth gauge and cross tips.
Includes leather case.



Max. length measuring range: 150 mm
Limb length: 40.0 mm
Vernier scale: 1/20 mm

Art. No.	Version	Packaging unit (VPE)
2680 101 5	With locking screw	1 PCS
2680 101 51	With moment locking	1 PCS

RECA vernier calipers

Product description:
Stainless steel, fully hardened.
Scale and vernier matt chrome-plated.
Recessed scale.
Ground measuring faces.
With depth gauge and cross tips.
Includes leather case.



Max. length measuring range: 150 mm
Vernier scale: 1/20 mm

Art. No.	Packaging unit (VPE)
0695 900 080	1 PCS

RECA indicator and goniometer „Winkeltronic“

Product description:
Horizontal and vertical spirit levels for application in any position.
Large display for easy reading.
Resolution: 0.1°.
Display can be reset in any position or with the legs at any angle.
Power save function switches device off automatically after 3 min. of non-use.
Power supply: 2 x 1.5 V type AA (included).
Weight: 0.65 kg.



Max. degree measuring range: 200 Degree
Degrees measuring accuracy: +/- 0.2 degree



Art. No.	Limb length	Packaging unit (VPE)
0705 200 450	40.0 cm	1 PCS
0705 200 600	60.0 cm	1 PCS

RECA indicator and goniometer „Winkelfix"

Product description:
Measure angles quickly and precisely.
Simply place the Winkelfix to read off the degrees quickly and reliably from the analogue display.
Integrated spirit levels allow the device to be held perpendicular.
All Winkelfix devices are strong and robust and can withstand extreme loads.



Advice:
Winkelfix, 43 cm
- Weight: 1.04 kg.
- Users: Glazers, interior fitters and metalworkers.

Winkelfix, 60 cm
- With circular tip
- Weight: 1.40 kg.
- Users: Carpenters, glazers, metalworkers and canopy fitters.





Max. degree measuring range: 180 Degree

Art. No.	Limb length	Packaging unit (VPE)
0705 210 430	43.0 cm	1 PCS
0705 210 600	60.0 cm	1 PCS

RECA try square DIN 875

Product description:
Made from standard, chrome-plated steel.

Advice:
Accuracy class I (very low rectangularity tolerance):
Precision-ground measuring surfaces and lateral surfaces.
Suitable for monitoring tasks and for precision work.

Accuracy class II (low rectangularity tolerance):
Ground measuring surfaces and lateral surfaces.
Suitable for general mechanical engineering work.



Art. No.	Limb length (Schenkel-länge)	Limb length 2 (Schenkel-länge 2)	Accuracy class	Weight	Packaging unit (VPE)
0705 521 100	100.0 mm	70.0 mm	I	190 g	1 PCS

Art. No.	Limb length (Schenkel-länge)	Limb length 2 (Schenkel-länge 2)	Accuracy class	Weight	Packaging unit (VPE)
0705 522 100	100.0 mm	70.0 mm	II	165 g	1 PCS
0705 521 150	150.0 mm	100.0 mm	I	320 g	1 PCS
0705 522 150	150.0 mm	100.0 mm	II	300 g	1 PCS
0705 521 200	200.0 mm	130.0 mm	I	580 g	1 PCS
0705 522 200	200.0 mm	130.0 mm	II	635 g	1 PCS
0705 521 250	250.0 mm	165.0 mm	I	990 g	1 PCS
0705 522 250	250.0 mm	165.0 mm	II	990 g	1 PCS
0705 522 300	300.0 mm	175.0 mm	II	1160 g	1 PCS
0705 521 300	300.0 mm	200.0 mm	I	1625 g	1 PCS
0705 522 400	400.0 mm	200.0 mm	II	2230 g	1 PCS
0705 522 500	500.0 mm	250.0 mm	II	1775 g	1 PCS
0705 521 500	500.0 mm	330.0 mm	I	3895 g	1 PCS
0705 522 600	600.0 mm	300.0 mm	II	2910 g	1 PCS
0705 522 750	750.0 mm	375.0 mm	II	4920 g	1 PCS
0705 522 000	1000.0 mm	500.0 mm	II	7920 g	1 PCS

RECA flat square DIN 875

Product description:
Made from standard, chrome-plated steel.

Advice:
Accuracy class I (very low rectangularity tolerance):
Precision-ground measuring surfaces and lateral surfaces.
Suitable for monitoring tasks and for precision work.

Accuracy class II (low rectangularity tolerance):
Ground measuring surfaces and lateral surfaces.
Suitable for general mechanical engineering work.



Art. No.	Limb length (Schenkel-länge)	Limb length 2 (Schenkel-länge 2)	Accuracy class	Weight	Packaging unit (VPE)
0705 511 100	100.0 mm	70.0 mm	I	115 g	1 PCS
0705 512 100	100.0 mm	70.0 mm	II	105 g	1 PCS
0705 511 150	150.0 mm	100.0 mm	I	200 g	1 PCS
0705 512 150	150.0 mm	100.0 mm	II	210 g	1 PCS
0705 511 200	200.0 mm	130.0 mm	I	390 g	1 PCS
0705 512 200	200.0 mm	130.0 mm	II	490 g	1 PCS
0705 511 250	250.0 mm	165.0 mm	I	715 g	1 PCS
0705 512 250	250.0 mm	165.0 mm	II	700 g	1 PCS
0705 512 300	300.0 mm	175.0 mm	II	750 g	1 PCS
0705 511 300	300.0 mm	200.0 mm	I	990 g	1 PCS
0705 512 400	400.0 mm	200.0 mm	II	1130 g	1 PCS
0705 512 500	500.0 mm	250.0 mm	II	1390 g	1 PCS
0705 511 500	500.0 mm	330.0 mm	I	2330 g	1 PCS
0705 512 600	600.0 mm	300.0 mm	II	2190 g	1 PCS
0705 512 750	750.0 mm	375.0 mm	II	3540 g	1 PCS
0705 512 000	1000.0 mm	500.0 mm	II	5220 g	1 PCS

Mitre square 135°

Product description:
Polished steel with stop.

Limb length: 200.0 mm
Limb length 2: 130.0 mm



Art. No.	Packaging unit (VPE)
0705 542 200	1 PCS

Indicator and goniometer 0 - 180°

Product description:
Protractor 0° - 180° with locking screw. Ground special steel with precise degree divisions.



Art. No.	Diameter	Rail length	Packaging unit (VPE)
0705 530 080	80.0 mm	120.0 mm	1 PCS
0705 530 120	120.0 mm	150.0 mm	1 PCS
0705 530 150	150.0 mm	200.0 mm	1 PCS
0705 530 200	200.0 mm	300.0 mm	1 PCS

Indicator and goniometer 10 - 170°

Product description:
Protractor 10° - 170°. Sliding rail can be adjusted lengthwise and locked in position. Ground special steel with precise degree divisions.



Art. No.	Diameter	Rail length	Packaging unit (VPE)
0705 531 100	100.0 mm	150.0 mm	1 PCS
0705 531 150	150.0 mm	300.0 mm	1 PCS
0705 531 200	200.0 mm	400.0 mm	1 PCS

Miter rule

Product description:
Polished steel, adjustable.

Length: 300.0 mm



Art. No.	Packaging unit (VPE)
0705 543 300	1 PCS

Marking gauge

Product description:
Flat design, stainless steel.
mm divisions with hardened scribing edges.



Art. No.	Max. length measuring range	Packaging unit (VPE)
0705 534 200	200.0 mm	1 PCS
0705 534 250	250.0 mm	1 PCS
0705 534 300	300.0 mm	1 PCS

BMI goniometer

Product description:
Plastic goniometer. Angles in degrees.

Length: 90.0 mm
Width: 90.0 mm



Art. No.	Packaging unit (VPE)
0695 900 025	1 PCS

Marking gauge and replacement tip

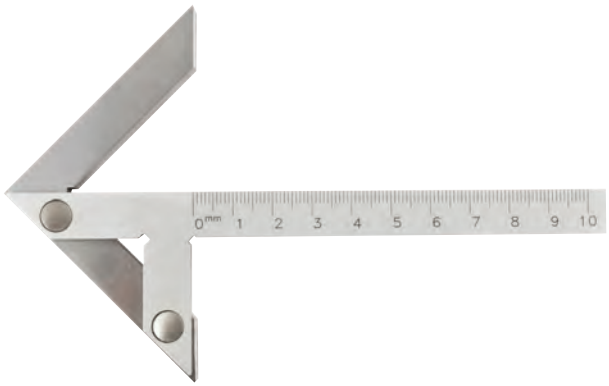
Advantages:
- Stainless steel.
- Error margins in line with DIN 862.
- Locking screw.
- Matt chrome-plated indicator parts.
- Hardened scribing tip.



Art. No.	Max. length measuring range	Vernier scale	Type	Packaging unit (VPE)
0705 710 201			Replacement tips	5 PCS
0705 710 200	200.0 mm	1/20 mm	Marking gauge	1 PCS

Centring angle

Product description:
For marking the centres on front faces of shafts and discs.



Art. No.	Limb length	Limb length 2	Max. diameter	Packaging unit (VPE)
0705 532 150	150 mm	130 mm	190.0 mm	1 PCS
0705 532 200	200 mm	150 mm	220.0 mm	1 PCS

RECA engineer's try square DIN ISO 2768

Product description:
Manufactured according to DIN ISO 2768m (previously DIN 768m).
m = medium (mechanical engineering standard).
Made from standard steel, galvanised.



Art. No.	Limb length	Limb length 2	Packaging unit (VPE)
0705 523 150	150 mm	100 mm	1 PCS
0705 523 300	300 mm	180 mm	1 PCS

Art. No.	Limb length	Limb length 2	Packaging unit (VPE)
0705 523 500	500 mm	280 mm	1 PCS
0705 523 000	1000 mm	500 mm	1 PCS



RECA engineer's flat square DIN ISO 2768

Product description:
Manufactured according to DIN ISO 2768m (previously DIN 768m).
m = medium (mechanical engineering standard).
Made from standard steel, galvanised.



Art. No.	Limb length	Limb length 2	Weight	Packaging unit (VPE)
0705 513 150	150 mm	100 mm	180 g	1 PCS
0705 513 300	300 mm	180 mm	420 g	1 PCS
0705 513 500	500 mm	280 mm	840 g	1 PCS
0705 513 000	1000 mm	500 mm	1720 g	1 PCS



RECA spirit level Premiumlevel

Product description:
Extra robust rectangular profile with reinforced top and bottom and profiled sides (height: 50 mm, width: 24 mm).
New shape and ribbing on spirit level profile for particularly high torsional stiffness.



High-quality powder coating for long-lasting protection of surfaces and easy cleaning.
One milled measuring surface up to 120 cm. Thereafter fully powder-coated.



The fluorescent spirit level fluid is highly UV-resistant.
High-precision, CNC-machined, acrylic glass spirit level block for perfect readability and ultra-high break resistance.
Permanently cast spirit level installation system ensures spirit levels are firmly seated and eliminates need for adjustment.

Measuring accuracy:
0.029° = 0.5 mm/m in normal position.
0.043° = 0.75 mm/m for overhead measurements.

Measuring accuracy (per length): 0.5 mm/m

Art. No.	Length	Packaging unit (VPE)
0705 407 030	30.0 cm	1 PCS
0705 407 040	40.0 cm	1 PCS
0705 407 050	50.0 cm	1 PCS
0705 407 060	60.0 cm	1 PCS
0705 407 080	80.0 cm	1 PCS
0705 407 100	100.0 cm	1 PCS
0705 407 120	120.0 cm	1 PCS
0705 407 150	150.0 cm	1 PCS
0705 407 180	180.0 cm	1 PCS
0705 407 200	200.0 cm	1 PCS

RECA spirit level Magnetlevel

Product description:
Extra robust rectangular profile with reinforced top and bottom and profiled sides (height: 50 mm, width: 24 mm).
New shape and ribbing on spirit level profile for particularly high torsional stiffness.
High-quality powder coating for long-lasting protection of surfaces and easy cleaning.
One milled measuring surface up to 100 cm. Thereafter fully powder-coated.







Ultra-strong rare-earth magnets embedded in the base (in pairs) ensure optimum adhesion for steel construction tasks.
The magnets are up to five times stronger than conventional ferrite magnets.

The fluorescent spirit level fluid is highly UV-resistant.
High-precision, CNC-machined, acrylic glass spirit level block for perfect readability and ultra-high break resistance.
Permanently cast spirit level installation system ensures spirit levels are firmly seated and eliminates need for adjustment.

Measuring accuracy:
0.029° = 0.5 mm/m in normal position.
0.043° = 0.75 mm/m for overhead measurements.

Measuring accuracy (per length): 0.5 mm/m

Art. No.	Length	Number of magnets	Packaging unit (VPE)
0705 408 030	30.0 cm	1 PCS	1 PCS
0705 408 040	40.0 cm	2 PCS	1 PCS
0705 408 050	50.0 cm	2 PCS	1 PCS
0705 408 060	60.0 cm	2 PCS	1 PCS
0705 408 080	80.0 cm	2 PCS	1 PCS

Art. No.	Length	Number of magnets	Packaging unit (VPE)
0705 408 100	100.0 cm	2 PCS	1 PCS
0705 408 180	180.0 cm	4 PCS	1 PCS

RECA spirit level Electroniclevel

Product description:
Electronic module, dust and water-proof in line with IP 65.
Two milled measuring faces, two vertical spirit levels (except RECA article no. 0705 409 061, which only has 1 spirit level) and one horizontal spirit level.
2-component end caps provide increased damping and feature patented non-slip stoppers.
Acoustic targeting (switchable) in horizontal and vertical position, continuous tone at 0.00 degrees and at an individually set reference value.
Hold and automatic power off function (standby).

High-precision, CNC-machined acrylic glass spirit level block for perfect readability and ultra-high breaking resistance.













Art. No.	Length	Number of magnets	Packaging unit (VPE)
0705 409 060	61.0 cm	0 PCS	1 PCS
0705 409 061	61.0 cm	2 PCS	1 PCS
0705 409 080	81.0 cm	0 PCS	1 PCS
0705 409 120	122.0 cm	0 PCS	1 PCS

RECA spirit level Basiclevel

Product description:
Standard spirit level with an accuracy of 1.0 mm/m = 0,057° in normal position.



Art. No.	Length	Packaging unit (VPE)
0705 402 040	40.0 cm	1 PCS
0705 402 060	60.0 cm	1 PCS
0705 402 080	80.0 cm	1 PCS
0705 402 100	100.0 cm	1 PCS
0705 402 120	120.0 cm	1 PCS

Art. No.	Length	Packaging unit (VPE)
0705 402 150	150.0 cm	1 PCS
0705 402 180	180.0 cm	1 PCS
0705 402 200	200.0 cm	1 PCS

RECA spirit level Torpedo

Product description:
Equipped with 2 high-visibility round spirit levels. In fibreglass-reinforced ABS plastic.

Length: 25.0 cm
Number of magnets: 2 PCS





Art. No.	Packaging unit (VPE)
0705 400 025	1 PCS

RECA spirit level Sanilevel

Product description:
Powder-coated rectangular profile with milled markings.
Spirit levels: 1 horizontal six-line level for gradients and 1 vertical level.
Two pairs of embedded rare-earth magnets ensure strong adhesion.
End caps: patented sliding stoppers on both ends for a secure grip when marking and to prevent scratching tiles.
Measuring accuracy: 0.029° = 0.5 mm/m in normal position, 0.043° = 0.075 mm/m for overhead measurements.

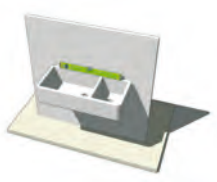
Measuring accuracy (per length): 0.5 mm/m
Number of magnets: 4 PCS

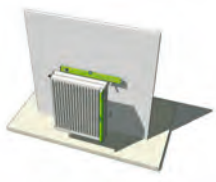






Art. No.	Length	Packaging unit (VPE)
0705 403 003	60.0 cm	1 PCS
0705 403 004	100.0 cm	1 PCS







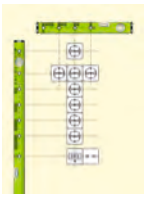
RECA spirit level Electrolevel

Product description:
Powder-coated rectangular profile with marking holes.
Spirit level: 1 x horizontal and 1 x vertical.
End caps: sliding stoppers on both ends for a secure grip when working.



Measuring accuracy: 0.029° = 0.5 mm/m in normal position.
Integrated metal sleeves for drawing drill holes for multiple sockets and signal connectors in both horizontal and vertical directions.

Measuring accuracy (per length): 0.5 mm/m





Art. No.	Length	Packaging unit (VPE)
0705 403 001	43.0 cm	1 PCS
0705 403 002	120.0 cm	1 PCS

RECA spirit level Minilevel

Product description:
Straight switches and sockets at last (no need for double alignment).
Time-saving, accurate installation of plug sockets and switches.
With recess for screwdriver guide
Suitable for all standard UP switch ranges.
Ultra-strong rare-earth magnet aligns the spirit level on the socket almost automatically!
Permanently cast spirit level.
Sturdy plastic housing for daily use on construction sites.
Measuring accuracy: 0.057° = 1 mm/m in normal position.

Length: 7.0 cm
Width: 2.0 cm
Height: 4.0 cm



Art. No.	Packaging unit (VPE)
0705 400 011	1 PCS

RECA Minilevel Magnetic spirit level

Product description:
The spirit level for vertical measurements
Robust aluminium core housing. Rectangular aluminium frame with two precision-milled measuring faces: On the side and base.
Additional cleanly cut V-shaped groove. This enables measurements to be taken on flat and curved surfaces.
Ultra-strong rare-earth magnet on side and base. Hands-free alignment of metal objects.
Permanently cast spirit level.
The vertical measuring face is at 90° to the horizontal measuring face.

Length: 7.0 cm
Width: 2.0 cm
Height: 4.0 cm

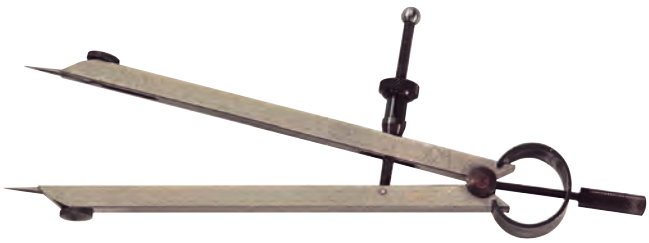


Art. No.	Packaging unit (VPE)
0705 400 012	1 PCS



Spring divider

Product description:
Precision spring dividers in special tool steel, with replaceable steel tips.
Hardened tips and measurement ends with quick-clamping nut and particularly strong legs.
The legs are securely guided by a strong annular spring in connection with the hardened pivot pin.



Art. No.	Length	Tip diameter	Packaging unit (VPE)
0705 631 150	150.0 mm	120.0 mm	1 PCS
0705 631 200	200.0 mm	160.0 mm	1 PCS
0705 631 250	250.0 mm	200.0 mm	1 PCS

Bow compass

Product description:
In forged steel with angular legs and hardened tips.



Art. No.	Length	Packaging unit (VPE)
0705 632 150	150.0 mm	1 PCS
0705 632 200	200.0 mm	1 PCS
0705 632 250	250.0 mm	1 PCS
0705 632 300	300.0 mm	1 PCS

Radius gauges

Product description:
Milled in normal steel, concave and convex with lock nut, can be clamped in sheath. For checking concave and convex curves.



Art. No.	Number of templates	Min. length measuring range	Max. length measuring range	Min./max. length measuring range	Packaging unit (VPE)
0705 810 25	15 PCS	15.5 mm	25 mm	15.5-25 mm	1 PCS
0705 810 15	16 PCS	7.5 mm	15 mm	7.5-15 mm	1 PCS
0705 810 07	17 PCS	1.0 mm	7 mm	1.0-7 mm	1 PCS

Thread pitch gauge for metric and Whitworth threads

Product description:
For outer and inner measurements. Combined for metric and Whitworth threads.

Number of templates: 52 PCS
Min. screwing thread measuring range: 4 in
Max. screwing thread measuring range: 62 in
Min./max. screwing thread measuring range: 4-62 in
Pitch: 0.25 mm



Art. No.	Packaging unit (VPE)
0705 820 52	1 PCS

Feeler gauge, conical

Product description:
Conical blades can be clamped in sheath using locking screw. Blade length 100 mm, width 13 mm.

Number of sheets: 20 PCS



Art. No.	Thickness	Content remark	Packaging unit (VPE)
0705 830 21	0.05 mm	in 0.05-mm increments	1 PCS
0705 831 22	0.10 mm	in 0.10-mm increments	1 PCS

Feeler gauge, cylindrical

Product description:
Set of feeler gauges on ring, long design. Cylindrical blades. Blade length 200 mm, width 13 mm.

Number of sheets: 20 PCS
Thickness: 0.05 mm
Content remark: in 0.05-mm increments



Art. No.	Packaging unit (VPE)
0705 833 21	1 PCS

Red plumb line

Product description:
UV-stabilised.
Flame-retardant.
Dirt- and moisture-resistant.



RECA chalk line with quick-retract function and belt clip

Product description:
Die cast magnesium body (very light and sturdy)
PUSH system: Pressing the axle allows the line to be drawn out without the handle turning.
Line length 30 m
Quick retract with 5:1 transmission ratio
Large interior chalk powder capacity.
Steel eyelet at line outlet.
Storage space for hook integrated in body.
Hardened hook with curved spikes (can be nailed onto edges).









Art. No.	Packaging unit (VPE)
0705 310 30	1 PCS

Dye for chalk line

Content remark: Dye powder 250 g



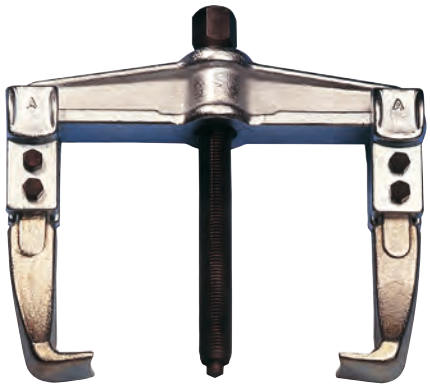


Art. No.	Colour	Packaging unit (VPE)
0705 311 250	Blue	1 PCS
0705 312 250	Red	1 PCS

2-arm puller

Product description:
For secure and rapid extraction of discs, gears, ball bearings etc.

Advantages:
- Strong, drop-forged design.
- Use as external or internal puller by switching the hooks.



Art. No.	External clamping width	Clamping depth	Max. extraction weight	Packaging unit (VPE)
0695 500 240	90 mm	100.0 mm	3000 kg	1 PCS
0695 500 241	130 mm	100.0 mm	3000 kg	1 PCS
0695 500 242	160 mm	150.0 mm	5000 kg	1 PCS
0695 500 243	200 mm	150.0 mm	5000 kg	1 PCS

Small parts puller, 2-arm

Product description:
Ideal for extracting small parts such as battery terminals, discs, gears, ball bearings etc.

Advantages:
- Self-clamping hooks.

External clamping width: 60 mm
Max. extraction weight: 500 kg
Number of arms: 2 PCS



Art. No.	Clamping depth	Packaging unit (VPE)
0695 500 253	40.0 mm	1 PCS

Art. No.	Clamping depth	Packaging unit (VPE)
0695 500 254	60.0 mm	1 PCS

Ball joint extractor

Product description:
Manageable, strong design for extracting discs, gears, ball bearings etc.

Advantages:
- Self-clamping hooks.





Art. No.	External clamping width	Clamping depth	Max. extraction weight	Number of arms	Packaging unit (VPE)
0695 500 250	70 mm	80.0 mm	1000 kg	2 PCS	1 PCS
0695 500 266	70 mm	80.0 mm	2000 kg	3 PCS	1 PCS
0695 500 267	90 mm	120.0 mm	3000 kg	3 PCS	1 PCS
0695 500 268	130 mm	160.0 mm	7500 kg	3 PCS	1 PCS

Nut splitter

Product description:
For splitting seized or stripped nuts without damaging the stud bolt.
Suitable for nuts up to strength class 6.



Art. No.	Suitable for	Packaging unit (VPE)
0695 500 260	Nuts up to M10	1 PCS
0695 500 261	Nuts up to M16	1 PCS

Vice

Product description:
Die-forged front and rear jaws.
Large anvil.
Rotary plate not included.

Advantages:
Pipe clamping jaws welded on as standard.
Central, well-protected spindle for high clamping force.
Dual prism guide for high precision.

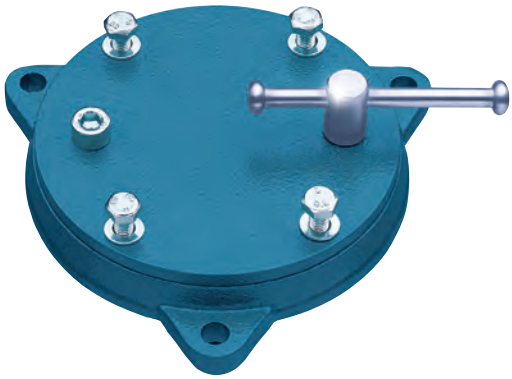


Art. No.	Jaws width	Length	Suitable for min./ max. pipe outer diameter	Suitable for pipe external diameter	Product weight (per item)	Packaging unit (VPE)
0707 610 120	120 mm	370.0 mm	16-55 mm	150 mm	9.0 kg	1 PCS
0707 610 140	140 mm	475.0 mm	27-70 mm	200 mm	16.0 kg	1 PCS
0707 610 160	160 mm	535.0 mm	27-100 mm	225 mm	27.0 kg	1 PCS

Rotary table for vice

Product description:
Can swivel vice by 360°, ensuring that the workpiece is always in the correct position.

Advantages:
Can be locked in any position quickly and securely using the spindle key.
Closed mounting plate prevents penetration of chips and dirt.



Art. No.	Jaws width	Product weight (per item)	Packaging unit (VPE)
0707 630 120	120 mm	2.5 kg	1 PCS
0707 630 140	140 mm	5.0 kg	1 PCS
0707 630 160	160 mm	7.5 kg	1 PCS

Protective jaws for vice, aluminium

Product description:
For clamping workpieces with coarse to medium-fine machined finishes.
The jaws are made of aluminium of a hardness between copper and lead.
Supplied in pairs.

Advantages:
6 grooves hold the workpiece securely.
One deeper groove is used to clamp thin shafts, pins etc. securely.
Integrated special magnets hold the protective jaws securely to the vice. Despite the strong magnetic force, the magnetism does not permeate through to the clamping faces and so does not attract chips or magnetise the workpiece.

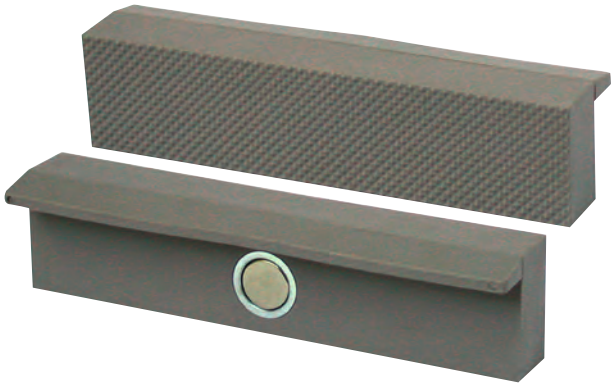


Art. No.	Width	Packaging unit (VPE)
0707 670 120	120 mm	1 PCS
0707 670 140	140 mm	1 PCS
0707 670 160	160 mm	1 PCS

Protective jaws for vice, polyurethane

Product description:
Clamping sensitive workpieces of all types.
Delivered in pairs.

Advantages:
The ribbing grips the surface of clamps parts without damaging them.
The highly elastic, durable and ageing-resistant material (PP) returns to its original shape after deformation caused by pressure.
Integrated special magnets hold the protective jaws securely to the vice. Despite the strong magnetic force, the magnetism does not permeate through to the clamping faces and so does not attract chips or magnetise the workpiece.

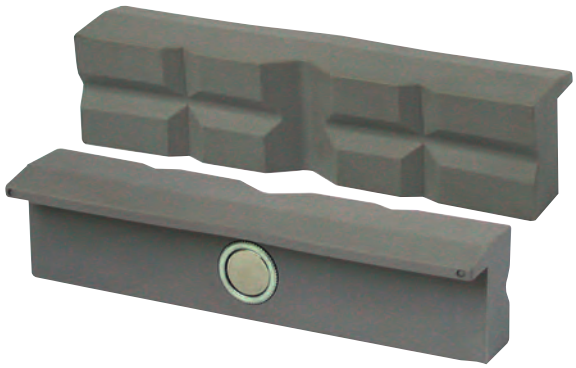


Art. No.	Width	Packaging unit (VPE)
0707 671 120	120.0 mm	1 PCS
0707 671 140	140.0 mm	1 PCS
0707 671 160	160.0 mm	1 PCS

Protective jaws for vice, polyurethane

Product description:
For clamping sensitive, round and oval workpieces.
Supplied in pairs.

Advantages:
Integrated prisms of different sizes hold workpieces securely.
The highly elastic, durable and ageing-resistant material (PP) returns to its original shape after deformation caused by pressure.
Integrated special magnets hold the protective jaws securely to the vice. Despite the strong magnetic force, the magnetism does not permeate through to the clamping faces and so does not attract chips or magnetise the workpiece.



Art. No.	Width	Packaging unit (VPE)
0707 672 120	120 mm	1 PCS
0707 672 140	140 mm	1 PCS
0707 672 160	160 mm	1 PCS

Machine vice

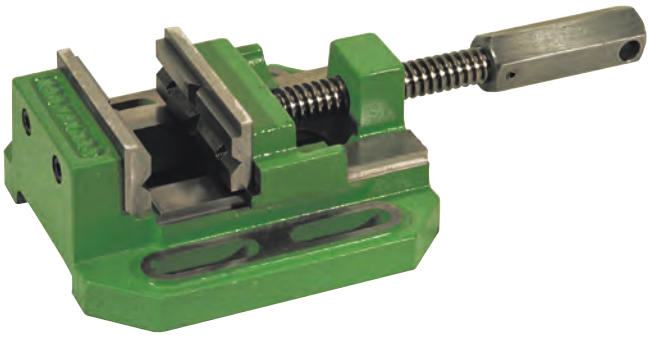
Advantages:
- Secure clamping and fixing of workpieces on drills and measuring machines.



Art. No.	Jaws width	Jaws height	Height	Max. grip range	Product weight (per item)	Packaging unit (VPE)
3653 732 085	80 mm	30 mm	60.0 mm	70 mm	3.6 kg	1 PCS
3653 732 100	100 mm	30 mm	63.5 mm	92 mm	4.3 kg	1 PCS
3653 732 120	120 mm	30 mm	63.5 mm	110 mm	6.3 kg	1 PCS
3653 732 140	140 mm	40 mm	85.0 mm	150 mm	12.5 kg	1 PCS

Precision machine vice with V-block

Advantages:
Precision milled and ground
Accuracy within 0.1 mm
Strong construction, made from a special casting
Optimum clamping options with two offset prismatic jaws
To DIN 6370
Long guide in the full clamping range



Art. No.	Jaws width	Jaws height	Height	Max. grip range	Product weight (per item)	Width	Length	Packaging unit (VPE)
3653 733 080	80 mm	30 mm	62.0 mm	70 mm	4.0 kg	140.0 mm	150.0 mm	1 PCS
3653 733 100	100 mm	35 mm	74.0 mm	110 mm	9.0 kg	180.0 mm	280.0 mm	1 PCS
3653 733 120	125 mm	40 mm	85.0 mm	130 mm	15.0 kg	205.0 mm	350.0 mm	1 PCS
3653 733 150	160 mm	50 mm	102.0 mm	225 mm	29.0 kg	255.0 mm	460.0 mm	1 PCS

One-handed clamp

Product description:
Rail, fixed arm and pressure plate made in one piece from cold-drawn profile steel.
The protective caps (removable) for gentle clamping have smooth surfaces yet good adhesive properties.
Secure handling thanks to pump lever running parallel to the rail.
Rapid move button enables the sliding arm to be moved quickly and easily.

Max. tension force: 5.000 N
Profile width x profile thickness: 19.5 x 9.5 mm
Overhang: 100.0 mm



Art. No.	Type description	Max. clamping width	Product weight (per item)	Packaging unit (VPE)
0695 700 300	EHZ30	300.0 mm	1250 g	1 PCS
0695 700 600	EHZ60	600.0 mm	1700 g	1 PCS

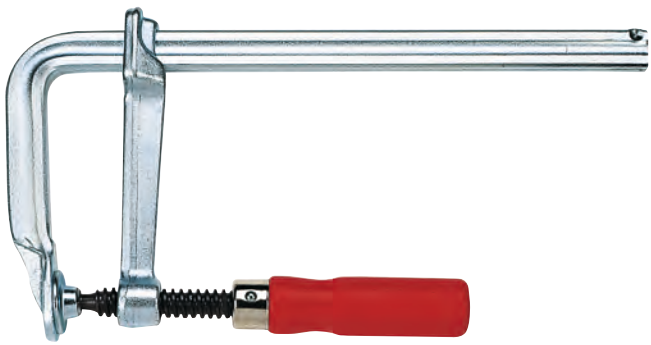





All-Steel Screw Clamp

Product description:
Tempered sliding and fixed arms for resilient and elastic clamping.
Spindle with wooden handle and movable spherical pressure plate.

Max. tension force: 5.000 N



Art. No.	Type description	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
0695 700 020	G16Z	160.0 mm	16.0 x 7.5 mm	80.0 mm	500 g	1 PCS
0695 700 021	G20Z	200.0 mm	19.5 x 9.5 mm	100.0 mm	850 g	1 PCS
0695 700 022	G25Z	250.0 mm	22 x 10.5 mm	120.0 mm	1250 g	1 PCS

Art. No.	Type description	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
0695 700 023	G30Z	300.0 mm	25.0 x 12.0 mm	140.0 mm	1850 g	1 PCS
0695 700 024	G40Z	400.0 mm	25.0 x 12.0 mm	120.0 mm	2000 g	1 PCS
0695 700 025	G50Z	500.0 mm	25.0 x 12.0 mm	120.0 mm	2200 g	1 PCS
0695 700 026	G60Z	600.0 mm	25.0 x 12.0 mm	120.0 mm	2400 g	1 PCS
0695 700 027	G80Z	800.0 mm	27.0 x 13.0 mm	120.0 mm	3200 g	1 PCS
0695 700 028	G100Z	1000.0 mm	27.0 x 13.0 mm	120.0 mm	3650 g	1 PCS
0695 700 029	G125Z	1250.0 mm	27.0 x 13.0 mm	120.0 mm	4270 g	1 PCS

All-steel lever clamp

Advantages:
- Quick, efficient and secure clamping.
- Clamps up to five times faster than conventional clamps.
- A great advantage if multiple clamps have to be attached and removed quickly.
- High clamping power with low application of force!

Max. tension force: 8.000 N



Art. No.	Type description	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
0695 700 220	G20H	200.0 mm	19.5 x 9.5 mm	100.0 mm	1100 g	1 PCS
0695 700 225	G25H	250.0 mm	22 x 10.5 mm	120.0 mm	1450 g	1 PCS
0695 700 230	G30S12H	300.0 mm	22 x 10.5 mm	120.0 mm	1600 g	1 PCS

U-shaped clamp, steel

Advantages:
- U-shaped fixed arm with pressure plate for all-round clamping.
- No underlay or additional structures required.
- 60 mm extra clamping depth in bow.

Type description: GU25-12-6H
Max. clamping width: 250.0 mm
Max. tension force: 3.800 N
Profile width x profile thickness: 22.0 x 10.5 mm
Overhang: 120.0 mm
Product weight (per item): 1700 g
Version: Lever handle



Art. No.	Packaging unit (VPE)
0695 700 243	1 PCS

Magnesium clamp

Advantages:

- Lightweight - only 290 g with 160 mm span (by way of comparison: a malleable iron clamp of the same size weighs 700 g - more than twice as much).
- Easy to tension - clamping force of up to 120 kg - spring clamps only achieve 7.5 kg.
- Easy to control - multi-stage catch mechanism for vibration-proof clamping, vibrations do not cause it to loosen independently.
- Robust fixed and sliding arms in light magnesium.



Max. tension force: 1.200 N
Profile width x profile thickness: 20.0 x 5.0 mm
Overhang: 80.0 mm

Art. No.	Type description	Max. clamping width	Product weight (per item)	Packaging unit (VPE)
0695 700 112	Kli12	120.0 mm	260 g	1 PCS
0695 700 116	Kli16	160.0 mm	290 g	1 PCS
0695 700 120	Kli20	200.0 mm	320 g	1 PCS
0695 700 125	Kli25	250.0 mm	355 g	1 PCS

Malleable iron screw clamp

Advantages:

- Integrated anti-slip system for increased safety when clamping.
- Malleable iron arm reinforced by corrugated profile.
- Spindle with wooden handle and movable spherical pressure plate.



Max. tension force: 7.000 N
Profile width x profile thickness: 35.0 x 11.0 mm
Overhang: 120.0 mm

Art. No.	Type description	Max. clamping width	Product weight (per item)	Packaging unit (VPE)
0695 700 011	TGK50	500.0 mm	2700 g	1 PCS
0695 700 012	TGK60	600.0 mm	3000 g	1 PCS
0695 700 013	TGK80	800.0 mm	3550 g	1 PCS
0695 700 014	TGK100	1000.0 mm	4000 g	1 PCS
0695 700 015	TGK125	1250.0 mm	4700 g	1 PCS

Malleable iron screw clamp with protective caps

Advantages:

- Integrated anti-slip system for increased safety when clamping from a throat depth of 80 mm upwards.
- Malleable iron arm reinforced by corrugated profile.
- Spindle with wooden handle and movable spherical pressure plate.



Max. tension force: 6.000 N

Art. No.	Type description	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
0695 700 000	TG10	100.0 mm	15.0 x 5.0 mm	50.0 mm	260 g	1 PCS
0695 700 001	TG12	120.0 mm	20.0 x 5.0 mm	60.0 mm	450 g	1 PCS
0695 700 002	TG16	160.0 mm	25.0 x 6.0 mm	80.0 mm	660 g	1 PCS
0695 700 003	TG20	200.0 mm	27.0 x 7.0 mm	100.0 mm	1100 g	1 PCS
0695 700 004	TG25	250.0 mm	29.0 x 9.0 mm	120.0 mm	1600 g	1 PCS
0695 700 005	TG30	300.0 mm	32.0 x 10.0 mm	140.0 mm	2200 g	1 PCS
0695 700 006	TG40	400.0 mm	32.0 x 10.0 mm	175.0 mm	2700 g	1 PCS

Deep throat screw clamp

Advantages:
- Large, robust solid profile rail with ribbing.
- Spindle with wooden handle and movable spherical pressure plate.

Max. tension force: 7.000 N



Art. No.	Type description	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
3654 940 20	TGN40T20	400.0 mm	35.0 x 11.0 mm	200.0 mm	3450 g	1 PCS
3654 940 30	TGN40T30	400.0 mm	45.0 x 12.0 mm	300.0 mm	5600 g	1 PCS
3654 960 20	TGN60T20	600.0 mm	35.0 x 11.0 mm	200.0 mm	3970 g	1 PCS
3654 960 30	TGN60T30	600.0 mm	45.0 x 12.0 mm	300.0 mm	6450 g	1 PCS
3654 960 40	TGN60T40	600.0 mm	45.0 x 12.0 mm	400.0 mm	7700 g	1 PCS

Screw clamp

Advantages:
- 20% more clamping force per spindle revolution thanks to optimised rail profile.
- Straight force transfer to sliding arm for high safety.
- Tightening torque of 40 Nm.
- Spindle with knob handle and movable high-performance pressure plate.

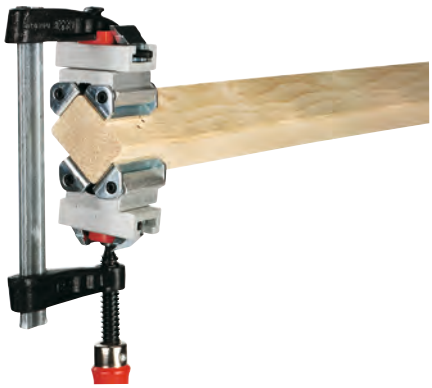
Max. tension force: 12.000 N
Profile width x profile thickness: 34.0 x 13.0 mm
Overhang: 140.0 mm



Art. No.	Type description	Max. clamping width	Product weight (per item)	Packaging unit (VPE)
0695 700 031	SG25M	250.0 mm	2600 g	1 PCS
0695 700 032	SG30M	300.0 mm	3000 g	1 PCS
0695 700 033	SG50M	500.0 mm	3400 g	1 PCS

Vario Clamping Fixture

Type description: VAD
Length of clamping surface: 45 mm
Product weight (per item): 480 g



Art. No.	Packaging unit (VPE)
0695 700 038	1 PCS

RECA OMEGA screw clamp

Product description:
The OMEGA bow reduces deflection loads and optimises seating, clamping and tension forces.
Profiling and optimised force characteristics under tension increase the lengthwise stability of the steel rail.
Full clamping faces allow objects to be clamped edge to edge and even corners can be clamped much more easily.

Max. tension force: 5.000 N



Art. No.	Max. clamping width	Profile width x profile thickness	Overhang	Product weight (per item)	Packaging unit (VPE)
0709 020 100	200.0 mm	19.5 x 9.5 mm	100.0 mm	900 g	1 PCS
0709 025 120	250.0 mm	22.0 x 10.5 mm	120.0 mm	1400 g	1 PCS
0709 030 140	300.0 mm	25.0 x 12.0 mm	140.0 mm	2050 g	1 PCS
0709 040 120	400.0 mm	25.0 x 12.0 mm	120.0 mm	2200 g	1 PCS
0709 050 120	500.0 mm	25.0 x 12.0 mm	120.0 mm	2400 g	1 PCS



RECA OMEGA screw clamp set

Product description:
The OMEGA bow reduces deflection loads and optimises seating, clamping and tension forces.
Profiling and optimised force characteristics under tension increase the lengthwise stability of the steel rail.
Full clamping faces allow objects to be clamped edge to edge and even corners can be clamped much more easily.

Content remark: 2x reca OMEGA screw clamps with clamping width 200 mm/300 mm and 1x clamping width 400 mm.



Art. No.	Packaging unit (VPE)
0709 000 001	1 PCS



RECA Lift assembly cushion

Product description:
The RECA „Lift" assembly cushion is used to ensure rapid fixing and the correct spacing when installing windows. It can also be used when adjusting heavy doors, and when aligning cabinets and washing machines.
Made from fibre-reinforced plastic.
Load-bearing capacity: 135 kg per cushion.
Joint width: 3–50 mm.
Simple and precise adjustment of windows, cabinets, doors and heavy devices such as washing machines.
Prevents marks and scratches on doors and casings by providing a soft air cushion.
No wedges required — the cushions can be used again and again!
Clear joints — joints can be immediately filled with the tape and joint compound; no need for irritating wedges.

Load-carrying capacity: 100 kg
Length x width: 160 x 150 mm
Min./max. joint width: 3 x 50 mm
Weight: 70 g



Art. No.	Packaging unit (VPE)
0695 700 999	1 PCS














Keyed drill chuck

Product description:
Drill chuck with spanner



Art. No.	Min./max. drill chuck span width	Size	Outer diameter	Drill chuck holder	Packaging unit (VPE)
3651 411 316	1.5-13.0 mm	Drill chuck key S2	46.0 mm	B 16	1 PCS
3651 411 312	1.5-13.0 mm	S1	46.0 mm	1/2 inch x 20 UNF	1 PCS
3651 431 616	3.0-16.0 mm	Drill chuck key S3	52.0 mm	B 16	1 PCS
3651 431 618	3.0-16.0 mm	Drill chuck key S3	56.5 mm	B 18	1 PCS

Quick-action drill chuck



Art. No.	Min./max. drill chuck span width	Drill chuck holder	Outer diameter	Type	Packaging unit (VPE)
3651 111 312	1.0-13.0 mm	1/2 inch x 20 UNF	40.0 mm	Female thread	1 PCS
3651 013 112	1.0-13.0 mm	1/2 inch x 20 UNF	40.5 mm	Suitable for impact drills	1 PCS
3651 111 311	1.0-13.0 mm	B 12	40.0 mm	Internal taper DIN 238	1 PCS
3651 111 316	1.0-13.0 mm	B 16	40.0 mm	Internal taper DIN 238	1 PCS
3651 110 112	1.0-10.0 mm	1/2 inch x 20 UNF	35.0 mm	Female thread	1 PCS
3651 011 112	1.5-13.0 mm	1/2 inch x 20 UNF	43.0 mm	Clockwise/anti-clockwise	1 PCS
3651 131 612	3.0-16.0 mm	1/2 inch x 20 UNF	46.0 mm	Female thread	1 PCS
3651 131 616	3.0-16.0 mm	B 16	46.0 mm	Internal taper DIN 238	1 PCS
3651 131 618	3.0-16.0 mm	B 18	46.0 mm	Internal taper DIN 238	1 PCS

Drill accessories

8

Product description:
Accessories for Bosch drills „Made in Germany“







Art. No.	Type description	Size	Length	Height	Diameter	Packaging unit (VPE)
0696 111 211	Adapter for drill chuck SDSplus to 1/2“					1 PCS
0696 114 09	Drill chuck key S 1	S1	110 mm	30 mm	4 mm	1 PCS

Art. No.	Type description	Size	Length	Height	Diameter	Packaging unit (VPE)
0696 114 08	Drill chuck key S 2	S2	110 mm	40 mm	6 mm	1 PCS
0696 111 00	Drill chuck key S 3	S3	110 mm	50 mm	8 mm	1 PCS
0696 571 014	Keyed drill chuck 2.5-13 mm with SDSplus drive arbor					1 PCS
0696 336 932	Replacement chuck for SDSplus hammer drill bit					1 PCS

Accessories for angle grinders and hand-held circular saws



Art. No.	Type description	Packaging unit (VPE)
0696 755 948		1 PCS
0696 114 10	Face wrench for angle grinder	1 PCS
0696 603 350	SDS-Clic quick-action drill chuck M 14 for angle grinder	1 PCS

Bosch dust extractor bag for GAS

Product description:
Genuine Bosch accessories: the right dust extractor bag for each machine

Advice:
1 VPE = 5 dust extractor bags



Art. No.	Packaging unit (VPE)
0696 411 163	1 PCS
0696 411 167	1 PCS
0696 617 161	1 PCS
0696 713 580	1 PCS
0696 713 597	1 PCS

Art. No.	Packaging unit (VPE)
0696 713 603	1 PCS
0696 713 610	1 PCS

Metaclean 1120 cleaning device

Product description:
Cleaning device with high frequency technology for efficient cleaning of WIG/TIG stainless steel welding seams

Advantages:
- Clean with the brush
- Very simple operation
- Tools quick to change using bayonet mount
- Cleans WIG/TIG welding seams efficiently in excellent quality

Field of Application:
Cleaning of stainless steel welding seams

Advice:
The stamp may become too warm when used for long periods. Cool the stamp in a water bath or similar device, or use a second stamp. If the device overheats, the thermal overheating protection function will switch the device off.



Power rating: 800 VA
IP protection class: IP 20
Width: 145 mm

Art. No.	Packaging unit (VPE)
0980 100 002	1 PCS

Metaclean cleaning, polishing and marking device 1130

Product description:
Cleaning and polishing device with high frequency technology for efficient cleaning of MIG/MAG and WIG/TIG stainless steel welding seams

Advantages:
- 4 different programs in one device
- Large, multilingual colour display
- Menu guidance with specification of voltage and appropriate electrolyte
- Tools quick to change using bayonet mount
- Tools completely in stainless steel

Field of Application:
Cleaning, polishing, light and dark marking on stainless steel

Advice:
The stamp may become too warm when used for long periods. Cool the stamp in a water bath or similar device, or use a second stamp. If the device overheats, the thermal overheating protection function will switch the device off.



Power rating: 800 VA
IP protection class: IP 20
Width: 180 mm

Art. No.	Packaging unit (VPE)
0980 100 001	1 PCS

Durable templates

Product description:
Durable templates are made according to your specific requirements
Durable templates are made to your specifications using your graphics, trade-marks, rating plates, device numbers, ID numbers, scales, fonts and logos.
Durable templates have very long service lives (up to 5000 uses possible)

Field of Application:
For generating permanently visible markings on stainless steel



Art. No.	Type description	Length x width	Packaging unit (VPE)
0980 004 001	Long-life template with frame	25 x 15 mm	1 PCS
0980 004 003	Long-life template with frame	54 x 16 mm	1 PCS
0980 004 002	Long-life template with frame	54 x 32 mm	1 PCS
0980 004 005	Long-life template with frame	85 x 27 mm	1 PCS
0980 004 004	Long-life template with frame	85 x 54 mm	1 PCS
0980 004 007	Long-life template with frame	128 x 42.5 mm	1 PCS
0980 004 006	Long-life template with frame	128 x 85 mm	1 PCS
0980 004 009	Long-life template with frame	170 x 54 mm	1 PCS
0980 004 008	Long-life template with frame	170 x 108 mm	1 PCS
0980 004 011	Long-life template with frame	257 x 85 mm	1 PCS
0980 004 010	Long-life template with frame	257 x 170 mm	1 PCS
0980 004 999	Typesetting costs for long-life templates		1 PCS

Accessory set for electrolysis (Metaclean)

Product description:
Starter set for working with Metaclean devices

Advice:
The starter set contains the following products:

- 1 carbon punch anode 60°
- 1 litre electrolyte for cleaning bright steels
- 500 ml electrolyte for electrochemical polishing
- 100 ml electrolyte for marking VA-1.4301
- 20 cleaning and marking felts
- 20 polishing felts
- 1 logging cable, red, 2 m
- 1 logging cable, black, 2 m
- 1 alligator clip, red
- 2 empty containers, 500 ml with closing lid (for electrolyte solutions)



Type description: Starter set for Metaclean devices

Art. No.	Packaging unit (VPE)
0980 000 003	1 PCS

Metaclean cleaning brush



Art. No.	Type description	Packaging unit (VPE)
0980 001 004	Brass extension for cleaning brush	1 PCS
0980 001 003	Cleaning brush (long version) with handle	1 PCS
0980 001 002	Cleaning brush with handle	1 PCS
0980 001 001	Metaclean cleaning brush	1 PCS

Metaclean accessories case

Product description:
Accessories case for working with Metaclean devices

Advice:
The Metaclean accessories case contains the following products:

- 1 premium brush, 10 mm, complete with handle and adjusting sleeve, art. no. 0980 300 010
- 1 connection cable, red, 3 m, with bayonet mount and earthing terminal, art. 0980 500 001
- 1 connection cable, black, 3 m, with bayonet mount, art. 0980 500 002
- 1 litre of electrolyte C for polishing, art. 0895 002 001
- 1 empty container for electrolyte solutions

Width: 125 mm



Art. No.	Packaging unit (VPE)
0980 200 001	1 PCS

Metaclean brush



Art. No.	Type description	Width	Packaging unit (VPE)
0980 300 080	Complete Metaclean brush	8 mm	1 PCS
0980 300 010	Complete Metaclean brush	10 mm	1 PCS
0980 300 081	Metaclean brush with sleeve	8 mm	1 PCS
0980 300 083	Metaclean sleeve	8 mm	1 PCS
0980 300 013	Metaclean sleeve	10 mm	1 PCS
0980 300 012	Metaclean spare brush		1 PCS
0980 300 082	Metaclean spare brush		1 PCS
0980 300 011	Metaclean spare brush with sleeve	10 mm	1 PCS

Metaclean stamp

Advice:
For marking stainless steel, the RECA marking felts must be attached to the stamp. Suitable O-rings for attachment are available with art. no. 0468 028 30.



Art. No.	Type description	Packaging unit (VPE)
0980 400 090	Complete marking stamp with anode	1 PCS
0980 400 091	Spare carbon anode	1 PCS

Metaclean handle for stamp and brush



Art. No.	Packaging unit (VPE)
0980 400 092	1 PCS

Metaclean marking felt

Product description:
Marking felt pads for Metaclean stamp

Field of Application:
For marking stainless steel using the Metaclean 1130 and marking stamp

Advice:
The marking felts are fastened to the Metaclean stamp with O-rings:
- Suitable O-rings are available with art. no. 0468 028 30



Art. No.	Packaging unit (VPE)
0980 400 100	100 PCS

Metaclean connection cable



Art. No.	Packaging unit (VPE)
0980 500 001	1 PCS
0980 500 002	1 PCS

Metaclean marking templates

Product description:
Durable templates are made according to your specific requirements
Durable templates are made to your specifications using your graphics, trade-marks, rating plates, device numbers, ID numbers, scales, fonts and logos.
Durable templates have very long service lives (up to 5000 uses possible)

Field of Application:
For generating permanently visible markings on stainless steel

Advice:
After using the templates, wash with water to considerably increase the service life



Cleaning and marking felt, pads

Product description:
Felt pads for cleaning and/or marking with Metaclean devices

Advantages:
Ready-cut to matching size of 38 x 60 mm.
Thickness: 2.6 mm

Type description: Cleaning and marking felt pads



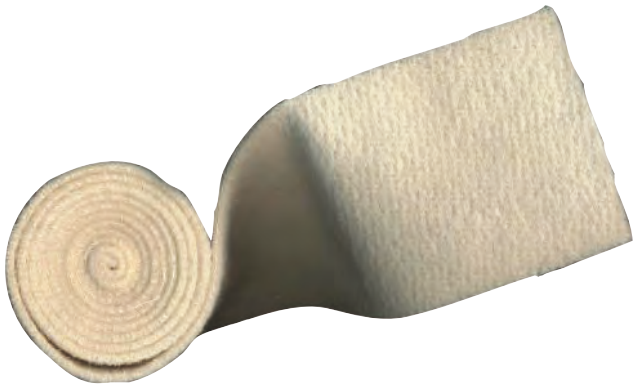
Art. No.	Packaging unit (VPE)
0980 001 100	100 PCS

Cleaning and marking felt, roll

Product description:
Cleaning and marking felt roll for use with Metaclean devices

Advantages:
Can be cut to size as required.
Roll length: 1 m; width: 60 mm

Type description: Cleaning and marking felt roll



Art. No.	Packaging unit (VPE)
0980 001 101	1 PCS

Polishing felt, pads

Product description:
Pads for polishing using Metaclean devices

Advantages:
- Textile reinforced with aramid fibres for extreme strength

Type description: Polishing felt pads



Art. No.	Packaging unit (VPE)
0980 002 100	100 PCS

Polishing felt, roll

Product description:
Polishing felt roll for use with Metaclean devices

Advantages:
Can be cut to size as required
Length of roll: 5 m; width: 40 mm

Type description: Polishing felt roll



Art. No.	Packaging unit (VPE)
0980 002 101	1 PCS

Electrolyte for polishing

Product description:
Electrolyte solution for polishing stainless steel using Metaclean devices

Advice:
Rinse with water after using polishing solution, otherwise spots may form.



Electrolyte for dark marking

Product description:
Electrolyte solution for black marking on stainless steel

Advantages:
- Exempt from mandatory warning symbols

Advice:
Rinse with water after using electrolyte solution, otherwise spots may form.



Electrolyte for light marking

Product description:
Electrolyte solution for white marking of conductive materials;
suitable for Metaclean MS 1030

Advantages:
- Exempt from mandatory warning symbols

Advice:
Rinse with water after using electrolyte solution, otherwise spots may form.



Electrolyte for cleaning

Product description:
Electrolyte solution for cleaning stainless steel

Advantages:
- Exempt from mandatory warning symbols

Advice:
Rinse with water after using cleaning solution, otherwise spots may form.



Electrolyte solutions

Advice:
After working with electrolyte solutions, tools must be rinsed with plenty of water

Colour: Colourless
Smell/fragrance: Characteristic
Max. storage temperature: 25 °C
Min. storage temperature: 5 °C
Silicone-free: Yes
Resin-free: Yes
Shelf life from production: 12 Month



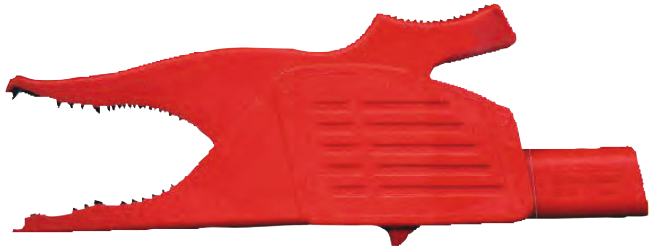
Art. No.	Type description	Acid-free	Packaging unit (VPE)
0895 001 001	Electrolyte solution AH for cleaning	No	1 PCS
0895 002 002	Electrolyte solution C+ for polishing	No	1 PCS
0895 002 001	Electrolyte solution C for polishing	No	1 PCS
0895 004 001	Electrolyte solution EN for light marking	Yes	1 PCS
0895 003 002	Electrolyte solution ET for dark marking	Yes	1 PCS
0895 001 002	Electrolyte solution LF for cleaning	No	1 PCS

Terminal connection

Product description:
Red alligator clip for connectors with 4 mm diameter

Field of Application:
For connecting Metaclean devices 0980 000 001, 004 and 005

Type description: Alligator clip



Art. No.	Packaging unit (VPE)
0980 009 003	1 PCS

Connecting cable

Product description:
5 m logging cable with Ø 4 mm connector

Field of Application:
For connecting Metaclean devices 0980 000 001, 004 and 005

Type description: Logging cable, black



Art. No.	Packaging unit (VPE)
0980 009 002	1 PCS

Connecting cable

Product description:
5 m logging cable with Ø 4 mm connector

Field of Application:
For connecting Metaclean devices 0980 000 001, 004 and 005

Type description: Logging cable, red



Art. No.	Packaging unit (VPE)
0980 009 001	1 PCS

Carbon punch anode

Product description:
Carbon punch with 30° tip for use with Metaclean devices; mainly for cleaning mode

Advantages:
- Carbon can be mechanically processed and ground to the desired angle. Carbon inserts can be replaced thanks to the M10 adapter thread

Type description: Stamp complete with carbon, 30°

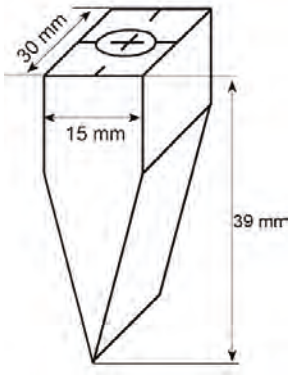


Art. No.	Packaging unit (VPE)
0980 001 030	1 PCS

Spare carbon anode

Product description:
Replacement carbon anode, 30°

Type description: Replacement carbon, 30°, vertical



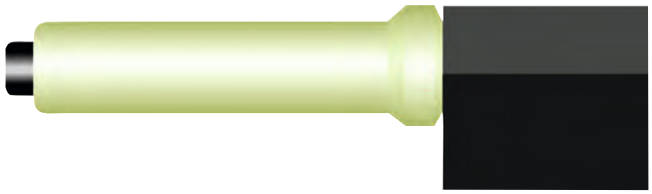
Art. No.	Packaging unit (VPE)
0980 001 031	1 PCS

Carbon punch anode

Product description:
Carbon punch with 30° tip for use with Metaclean devices; mainly for cleaning mode

Advantages:
- Carbon can be mechanically processed and ground to the desired angle. Carbon inserts can be replaced thanks to the M10 adapter thread

Type description: Stamp complete with carbon, 30°, horizontal

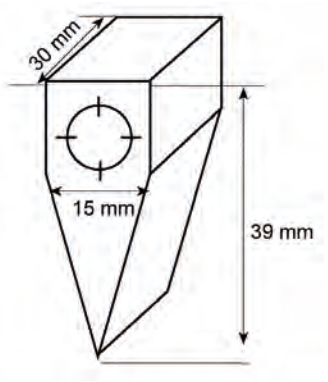


Art. No.	Packaging unit (VPE)
0980 001 032	1 PCS

Spare carbon anode

Product description:
Replacement carbon anode, 30°

Type description: Replacement carbon 30°, horizontal



Art. No.	Packaging unit (VPE)
0980 001 033	1 PCS

Carbon punch anode

Product description:
Carbon punch with 60° tip for use with Metaclean devices; mainly for cleaning mode

Advantages:
- Carbon can be mechanically processed and ground to the desired angle. Carbon inserts can be replaced thanks to the M10 adapter thread



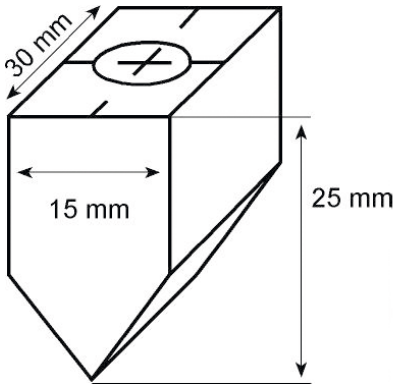
Type description: Stamp complete with carbon, 60°

Art. No.	Packaging unit (VPE)
0980 001 060	1 PCS

Spare carbon anode

Product description:
Replacement carbon anode, 60°

Type description: Replacement carbon, 60°



Art. No.	Packaging unit (VPE)
0980 001 061	1 PCS

Carbon punch anode

Product description:
Carbon punch with 90° tip for use with Metaclean devices; mainly for marking mode

Advantages:
- Carbon can be mechanically processed and ground to the desired angle. Carbon inserts can be replaced thanks to the M10 adapter thread



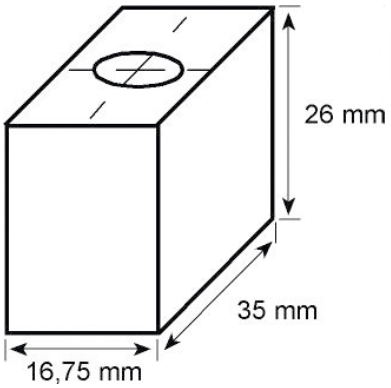
Type description: Stamp complete with carbon, 90°

Art. No.	Packaging unit (VPE)
0980 001 090	1 PCS

Spare carbon anode

Product description:
Replacement carbon anode, 90°

Type description: Replacement carbon, 90°



Art. No.	Packaging unit (VPE)
0980 001 091	1 PCS

Carbon punch anode

Product description:
Carbon punch with 60° tip for use with Metaclean devices; mainly for polishing mode



Advantages:
Carbon can be mechanically processed and ground to the desired angle.
Carbon inserts can be replaced thanks to the M10 adapter thread.

The long design allows any resulting heat to be easily dissipated

Type description: Stamp complete, long version, 60°

Art. No.	Packaging unit (VPE)
0980 002 060	1 PCS

Vehicle cable, single cable

Product description:
Core: TI 1 according to HD 21.1
Sheath: TM 2 DIN/VDE 0207/5

Advice:
On a plastic reel.
Please note: VPE values are in metres!







Art. No.	Type	Cable cross section	Colour	Packaging unit (VPE)
0770 010 0	FLY	1.5 mm²	Black	100 PCS
0770 010 40	FLY	1.5 mm²	Brown	100 PCS
0770 010 1	FLY	1.5 mm²	Red	100 PCS
0770 010 5	FLY	2.5 mm²	Black	50 PCS
0770 010 6	FLY	2.5 mm²	Red	50 PCS

Vehicle cable, twin cable

Product description:
Core: TI 1 according to HD 21.1
Sheath: TM 2 DIN/VDE 0207/5

Advice:
On a plastic reel.
Please note: VPE values are in metres!





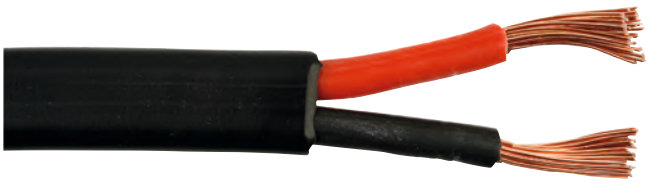
Art. No.	Type	Number of wires	Cable cross section	Colour	Packaging unit (VPE)
0770 030 0	XYFAZ	2 PCS	0.75 mm²	Brown, Brown/red	50 PCS

Vehicle cable, double insulated

Product description:
Core: TI 1 according to HD 21.1
Sheath: TM 2 DIN/VDE 0207/5

Advice:
On a plastic reel.
Please note: VPE values are in metres!

Package size:



1



Art. No.	Type	Number of wires	Cable cross section	Colour	Form	Package size	Packaging unit (VPE)
0770 020 2	FLRYY	2 PCS	1.5 mm²	Black, Red	Flat	1	25 PCS
0770 020 3	FLRYY	2 PCS	2.5 mm²	Black, Red	Flat	1	15 PCS

Multicore cable, black sheathing

Product description:
Core: TI 1 according to HD 21.1
Sheath: TM 2 DIN/VDE 0207/5

Advice:
On a coil.
Please note: VPE values are in metres!





Art. No.	Type	Cable cross section	Colour	Form	Packaging unit (VPE)
0770 118	FLRYY	1.5 mm²	Black, Red, Blue, Yellow, Green, White, Brown	Round	50 PCS
0770 120	FLRYY	1.5 mm²	Black, White	Round	50 PCS
0770 116	FLRYY	1.5 mm²	Black, White, Brown	Round	50 PCS

Cable ties with plastic latch, natural

Product description:
Cable ties enable quick and easy bundling of cables, cable harnesses, hoses and various other materials. The ties cannot be opened without being damaged.

Field of Application:
Suitable for indoor use only.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.



Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 125 100	2.5 mm	100.0 mm	24.0 mm	90 N	100 PCS

Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 125 200	2.5 mm	200.0 mm	55.0 mm	90 N	100 PCS
0502 135 140	3.5 mm	140.0 mm	36.0 mm	180 N	100 PCS
0502 135 200	3.5 mm	200.0 mm	55.0 mm	180 N	100 PCS
0502 135 280	3.5 mm	280.0 mm	80.0 mm	180 N	100 PCS
0502 145 200	4.5 mm	200.0 mm	51.0 mm	220 N	100 PCS
0502 145 280	4.5 mm	280.0 mm	76.0 mm	220 N	100 PCS
0502 145 360	4.5 mm	360.0 mm	101.0 mm	220 N	100 PCS
0502 175 200	7.5 mm	200.0 mm	48.0 mm	540 N	100 PCS
0502 175 360	7.5 mm	360.0 mm	101.0 mm	540 N	100 PCS
0502 175 540	7.5 mm	540.0 mm	160.0 mm	540 N	100 PCS

Cable ties with plastic latch, black

Product description:
Cable ties enable quick and easy bundling of cables, cable harnesses, hoses and various other materials. The ties cannot be opened without being damaged.

Field of Application:
Primarily for indoor use; also suitable for outdoor use in some applications.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.



Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 225 100	2.5 mm	100.0 mm	24.0 mm	90 N	100 PCS
0502 225 200	2.5 mm	200.0 mm	55.0 mm	90 N	100 PCS
0502 235 140	3.5 mm	140.0 mm	36.0 mm	180 N	100 PCS
0502 235 200	3.5 mm	200.0 mm	55.0 mm	180 N	100 PCS
0502 235 280	3.5 mm	280.0 mm	80.0 mm	180 N	100 PCS
0502 245 200	4.5 mm	200.0 mm	51.0 mm	220 N	100 PCS
0502 245 280	4.5 mm	280.0 mm	76.0 mm	220 N	100 PCS
0502 245 360	4.5 mm	360.0 mm	101.0 mm	220 N	100 PCS
0502 275 200	7.5 mm	200.0 mm	48.0 mm	540 N	100 PCS
0502 275 360	7.5 mm	360.0 mm	101.0 mm	540 N	100 PCS
0502 275 540	7.5 mm	540.0 mm	160.0 mm	540 N	100 PCS

Cable ties with plastic latch, black, UV-stabilised

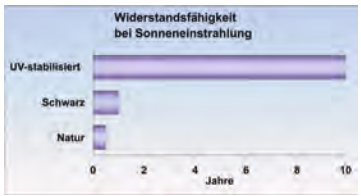
Product description:
Cable ties enable quick and easy bundling of cables, cable harnesses, hoses and various other materials. The ties cannot be opened without being damaged.

Advantages:
- Excellent UV radiation resistance
- Ideally suited for extended periods of use in outdoor applications
- Good durability even at low temperatures

Field of Application:
Ideal for outdoor use and suitable for low temperatures.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.





Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 335 140	3.5 mm	140.0 mm	36.0 mm	180 N	100 PCS
0502 345 200	4.5 mm	200.0 mm	51.0 mm	220 N	100 PCS
0502 345 280	4.5 mm	280.0 mm	76.0 mm	220 N	100 PCS
0502 345 360	4.5 mm	360.0 mm	101.0 mm	220 N	100 PCS
0502 375 360	7.5 mm	360.0 mm	101.0 mm	540 N	100 PCS

Cable ties with plastic latch and labelling surface, natural

Application area:
Cable ties with title blocks allow you to mark different cables/hoses etc. for identification purposes.

Field of Application:
Suitable for indoor use only.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.



Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Length of labelling area	Width of the labelling area	Packaging unit (VPE)
0502 625 100	2.5 mm	100.0 mm	25.0 mm	90 N	25 mm	8 mm	100 PCS
0502 625 200	2.5 mm	200.0 mm	50.0 mm	90 N	25 mm	8 mm	100 PCS



Detachable cable ties with plastic latch, natural

Product description:
These cable ties feature a „release mechanism" which lets you re-use the ties multiple times.

Advantages:
- Detachable
- Reusable

Application area:
The cable ties are especially ideal for cabling and fastenings that need to be re-opened.

Field of Application:
Suitable for indoor use only.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.



Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 775 200	7.5 mm	200.0 mm	50.0 mm	360 N	100 PCS
0502 775 360	7.5 mm	360.0 mm	100.0 mm	360 N	100 PCS







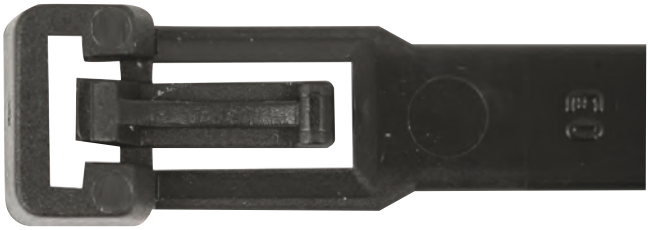
Detachable cable ties with plastic latch, black

Product description:
These cable ties feature a „release mechanism" which lets you re-use the ties multiple times.

Advantages:
- Detachable
- Reusable

Application area:
The cable ties are especially ideal for cabling and fastenings that need to be re-opened.

Field of Application:
Primarily for indoor use; also suitable for outdoor use in some applications.



Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.

Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 875 200	7.5 mm	200.0 mm	50.0 mm	360 N	100 PCS
0502 875 360	7.5 mm	360.0 mm	100.0 mm	360 N	100 PCS









Cable ties with metal latch, natural

Product description:
Cable ties enable quick and easy bundling of cables, cable harnesses, hoses and various other materials. The ties cannot be opened without being damaged.



Advantages:
- Greater load-bearing capacity compared to standard cable ties
- Enhanced durability in cold temperatures thanks to break-proof metal tongue and improved tie flexibility
- Stainless steel metal tongue

Field of Application:
Suitable for indoor use only.

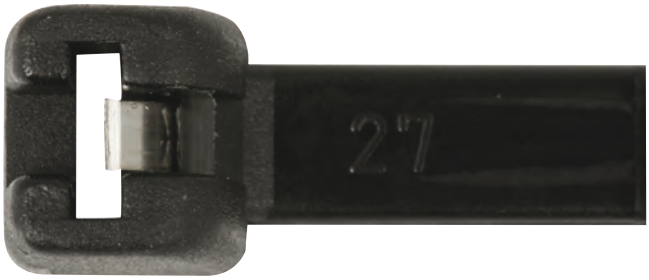
Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.

Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 425 100	2.5 mm	100.0 mm	24.0 mm	135 N	100 PCS
0502 435 140	3.5 mm	140.0 mm	36.0 mm	200 N	100 PCS
0502 445 186	4.5 mm	186.0 mm	51.0 mm	350 N	100 PCS
0502 445 360	4.5 mm	360.0 mm	101.0 mm	350 N	100 PCS



Cable ties with metal latch, black

Product description:
Cable ties enable quick and easy bundling of cables, cable harnesses, hoses and various other materials. The ties cannot be opened without being damaged.



Advantages:
- Greater load-bearing capacity compared to standard cable ties
- Enhanced durability in cold temperatures thanks to break-proof metal tongue and improved tie flexibility
- Stainless steel metal tongue

Field of Application:
Primarily for indoor use; also suitable for outdoor use in some applications.

Advice:
Self-extinguishing in 30 seconds; in accordance with U.L.94V2
Temperature range: -40°C to +85°C
Halogen and silicone-free.

Art. No.	Width	Length	Max. bundle diameter (Bündel-Ø max.)	Opening force	Packaging unit (VPE)
0502 525 100	2.5 mm	100.0 mm	24.0 mm	135 N	100 PCS
0502 535 140	3.5 mm	140.0 mm	36.0 mm	200 N	100 PCS
0502 545 186	4.5 mm	186.0 mm	51.0 mm	350 N	100 PCS
0502 545 360	4.5 mm	360.0 mm	101.0 mm	350 N	100 PCS
0502 575 360	7.5 mm	360.0 mm	101.0 mm	650 N	50 PCS

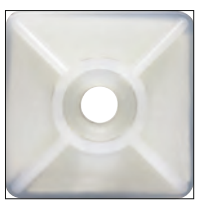
Self-adhesive bases

Product description:
For securing cable ties to any dust and grease-free surfaces. The holder can be secured with either a blind rivet or countersunk head screw through the screw hole in the centre of the base plate.



Field of Application:
Suitable for indoor use only.

Advice:
Temperature range: +5°C up to +50°C



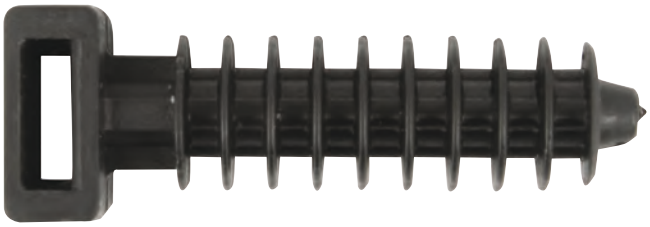
Art. No.	Suitable for cable ties	Diameter of hole	Packaging unit (VPE)
0502 625	2.5 mm	4.2 mm	50 PCS
0502 636	3.6 mm	4.8 mm	50 PCS
0502 648	4.8 mm	4.8 mm	50 PCS
0502 665	7.8 mm	4.2 mm	50 PCS

Cable tie anchors

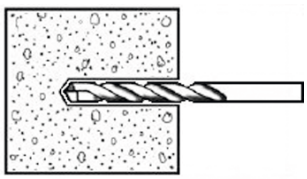
Application area:
Enables cable ties to be secured quickly in concrete and solid masonry.

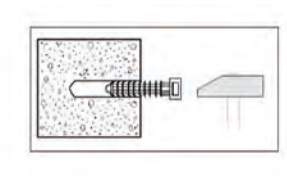
Field of Application:
Primarily for indoor use; also suitable for outdoor use in some applications.

Advice:
Temperature range: -40°C up to +65°C



Art. No.	Suitable for cable ties	Diameter	Length	Drill hole diameter x drill hole depth	Packaging unit (VPE)
0902 502 9	9 mm	10.0 mm	43.0 mm	8 x 40 mm	100 PCS







Cable tie anchors in dispenser box

Product description:
For securing cable ties to any dust and grease-free surfaces. The holder can be secured with either a blind rivet or countersunk head screw through the screw hole in the centre of the base plate.

Field of Application:
Suitable for indoor use only.

Advice:
Temperature range: +5°C up to +50°C



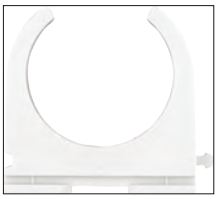
Art. No.	Diameter (Durchmesser)	Length (Länge)	Drill hole diameter x drill hole depth (Bohr-loch)	Content remark (Inhalt)	Packaging unit (VPE)
0902 502 901	10.0 mm	43.0 mm	8 x 40 mm	1000 pieces = 10 individual packs	1 PCS

cablefix RKS pipe clamps

Advantages:
- For universal fastening with Ø 6-mm nail anchor or Ø 4–5-mm screws
- Longitudinal hole for lateral fastening adjustment
- Can be slid into profile rails with an 11-mm slot width (up to M 40)
- Can be stacked on most pipe clamps (up to M 40)
- Halogen and silicone-free
- High clamping force thanks to the quality of material selected
- Temperature resistant from -40°C to +80°C

Application area:
For the fastening of all metric steel-armoured pipes as well as light-duty and heavy-duty metric insulating pipes.







Art. No.	Type description	Size	With connection mechanism (vertical)	Packaging unit (VPE)
0832 001 16	RKS 16	IEC - M16	Yes	100 PCS
0832 001 20	RKS 20	IEC - M20	Yes	100 PCS
0832 001 25	RKS 25	IEC - M25	Yes	50 PCS
0832 001 32	RKS 32	IEC - M32	Yes	50 PCS
0832 001 40	RKS 40	IEC - M40	Yes	50 PCS

cablefix KKS multiple cable holder

Advantages:
- Replaces cable ducts
- With captive fastening base
- Direct access to the fastening element
- The fastening base enables quick mounting with a nail anchor without the need for an additional setting tool
- Wall and ceiling installation possible with base
- Smooth locking mechanism
- Halogen and silicone-free
- Can be mounted at a room temperature of -10°C upwards
- Permanently resistant to temperatures from -40°C up to +80°C (or +130°C for short periods of time)
- Supplied in RECA dispenser box

Application area:
For quick laying of cables in intermediate walls and ceilings.





Art. No.	Type description	Capacity, cable	Packaging unit (VPE)
0834 001 15	KKS 15	Max. 15 cable NYM 3 x 1.5 mm²	50 PCS
0834 001 30	KKS 30	Max. 30 cable NYM 3 x 1.5 mm²	25 PCS










cablefix KKS-W multiple cable holder

Advantages:

- Replaces cable ducts
- Screw mounting using a long drill bit or with a nail anchor and insertion device
- Wall and ceiling installation possible
- Smooth locking mechanism
- High holding capacity
- Halogen and silicone-free
- Can be mounted at a room temperature of -10°C upwards
- Permanently resistant to temperatures from -40°C up to +80°C (or +130°C for short periods of time)
- Flame-retardant in accordance with VDE 0471/IEC 695 Part 2-1, test temperature 750°C
- Supplied in RECA dispenser box



Application area:
For quick laying of cables in intermediate walls and ceilings.



cablefix KKB clamp

Advantages:

- Replaces cable ducts
- High level of safety thanks to impact-resistant nylon
- Ideal for quick mounting with nail anchor and without an additional setting tool thanks to flush mounting point
- Wall and ceiling installation possible
- Halogen and silicone-free
- Can be mounted at a room temperature of -10°C upwards
- Permanently resistant to temperatures from -40°C up to +80°C (or +130°C for short periods of time)





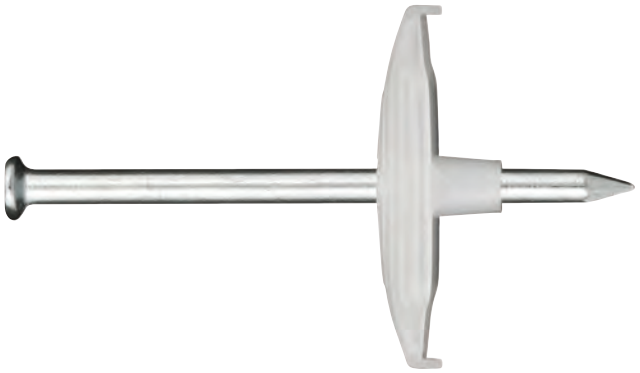
Application area:
For visible laying of cables on walls and ceilings.

Art. No.	Type description	Capacity, cable	Number of cantilevers	Packaging unit (VPE)
0834 010 08	KKB 8	Max. 8 cable NYM 3 x 1.5 mm²	1 PCS	50 PCS
0834 010 16	KKB 16	Max. 16 cable NYM 3 x 1.5 mm²	2 PCS	20 PCS

cablefix NLS nail washers

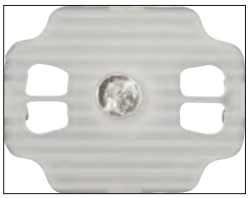
Advantages:

- Due to the square shape, only one version for 27 mm and 34 mm slot width
- Flexible retaining plate for flat mounting with reduced slot depth
- Retaining lug prevents the lines slipping away
- Long needle guide for high mounting stability and to protect cables from damage
- Fluted surface and plaster openings retains the plaster securely
- Deep counter-sunk needle prevents pushing through in the plaster



Application area:
For mounting several cables and pipes in wall slits or on masonry.

Field of Application:
Can be used on mortar joints, hollow bricks, lightweight concrete, aerated concrete, gypsum etc.



Art. No.	Type description	Length of plate x width of plate	Diameter of nail	Length of nail	Packaging unit (VPE)
0836 020 40	NLS 2/40	34 x 27 mm	2.0 mm	40.0 mm	200 PCS
0836 020 50	NLS 2/50	34 x 27 mm	2.0 mm	50.0 mm	150 PCS
0836 025 70	NLS 2.5/70	34 x 27 mm	2.5 mm	70.0 mm	100 PCS
0836 033 40	NLS 3.3/40	34 x 27 mm	3.3 mm	40.0 mm	100 PCS
0836 033 50	NLS 3.3/50	34 x 27 mm	3.3 mm	50.0 mm	100 PCS
0836 033 60	NLS 3.3/60	34 x 27 mm	3.3 mm	60.0 mm	100 PCS

cablefix MBS multi-use nail clamps

Advantages:
- Multi-use clamps = one size for a range of cable diameters
- Specially hardened steel nail and high-strength polypropylene for excellent reliability
- Nail is guided for a high level of mounting stability
- Design ensures good clamping properties on cabling, enabling cables to be pre-assembled
- UV-resistant, halogen and silicone-free
- Permanently resistant to temperatures up to +80°C
- Packaged in small quantities in plastic bags for use on construction sites
- Supplied in RECA dispenser box

Application area:
For easy laying of cables on concrete, masonry and wood.





Art. No.	Type description	Min./max. cable diameter	Diameter of nail	Length of nail	Number of packets	Packaging unit (VPE)
0836 507 251	MBS 4-7/25	4-7 mm	2.0 mm	25.0 mm	20 PCS	4000 PCS
0836 512 351	MBS 7-12/35	7-12 mm	2.0 mm	35.0 mm	14 PCS	2100 PCS
0836 514 401	MBS 10-14/40	10-14 mm	2.0 mm	40.0 mm	10 PCS	1000 PCS

Self-adhesive cable clips

Advantages:
- The special profile of the cable clip enables quick mounting and removal of one or more cables without damaging the insulation

Application area:
For securing cables, hoses and pipes on any dust and grease-free surfaces.

Field of Application:
Suitable for indoor use only.

Advice:
Temperature range: +5°C up to +50°C



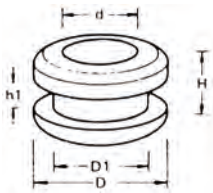
Art. No.	Max. cable diameter	Width (support)	Base plate width	Base plate height	Packaging unit (VPE)
0502 71	5.0 mm	10.0 mm	19 mm	19 mm	25 PCS
0502 72	10.0 mm	13.0 mm	27 mm	27 mm	25 PCS

Cable grommets

Application area:
To protect cables from sharp edges and other items that could cause damage.

Advice:
Resistant to weathering, ageing, ozone, oil and splashes of fuel and solvents.



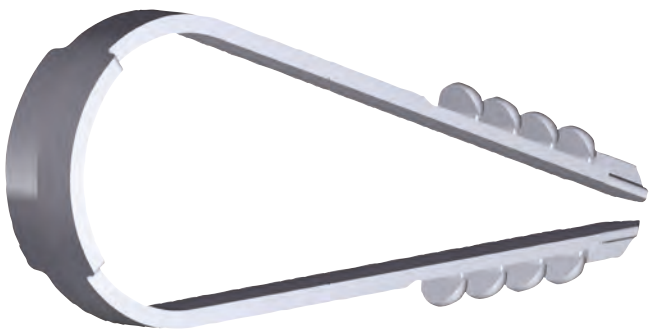


Art. No.	Internal diameter (d)	Drill hole (D1)	Outer diameter (D)	External height (H)	Interior height (h1)	Packaging unit (VPE)
0561 663 4	4 mm	6 mm	9 mm	6 mm	1 mm	100 PCS
0561 664 6	6 mm	10 mm	13 mm	8 mm	2 mm	100 PCS
0561 664 8	9 mm	11 mm	16 mm	6 mm	1 mm	100 PCS
0561 665 0	10 mm	12 mm	18 mm	11 mm	1 mm	100 PCS
0561 665 2	12 mm	20 mm	24 mm	10 mm	4 mm	100 PCS
0561 666 2	13 mm	21 mm	26 mm	9 mm	2 mm	100 PCS
0561 666 3	16 mm	24 mm	30 mm	11 mm	3 mm	100 PCS
0561 666 5	21 mm	31 mm	38 mm	11 mm	1.5 mm	100 PCS

DKS anchor clamps

Product description:
The cablefix plug-in system with patented eccentric toothing offers reliable mounting on a variety of surfaces without the need for anchors. The various designs available mean that the system is suitable for a wide range of applications.

Advantages:
- One-handed mounting
- Simple laying process: Just drill and insert
- Just one drill diameter (Ø 6 mm) for all elements of the plug-in system
- High pull-out force (up to 0.4 kN)
- Suitable for use in temperatures down to -10°C in winter construction projects
- UV-stabilised and halogen-free
- Tested by the Institut für Kunststofftechnik (German Institute for Plastics Technology)
- Temperature resistant from -10°C to +85°C



Application area:
For single cables, cable bundles and flexible pipes.

Art. No.	Type description	Min./max. grip range	Packaging unit (VPE)
0830 003 13	DKS 3/13	3-13 mm	200 PCS
0830 006 20	DKS 6/20	6-20 mm	200 PCS
0830 008 28	DKS 8/28	8-28 mm	200 PCS
0830 020 40	DKS 20/40	20-40 mm	200 PCS

ESS single push-in clamps

Product description:
The cablefix plug-in system with patented eccentric toothing offers reliable mounting on a variety of surfaces without the need for anchors. The various designs available mean that the system is suitable for a wide range of applications.



Advantages:
- One-handed mounting
- Simple laying process: Just drill and insert
- Just one drill diameter (Ø 6 mm) for all elements of the plug-in system
- High pull-out force (up to 0.4 kN)
- Suitable for use in temperatures down to -10°C in winter construction projects
- UV-stabilised and halogen-free
- Tested by the Institut für Kunststofftechnik (German Institute for Plastics Technology)
- Temperature resistant from -10°C to +85°C

Application area:
For single, flexible or rigid pipes.

Art. No.	Type description	Min./max. grip range	Packaging unit (VPE)
0830 116 20	ESS 18	16-20 mm	200 PCS

DSS double push-in clamps

Product description:
The cablefix plug-in system with patented eccentric toothing offers reliable mounting on a variety of surfaces without the need for anchors. The various designs available mean that the system is suitable for a wide range of applications.



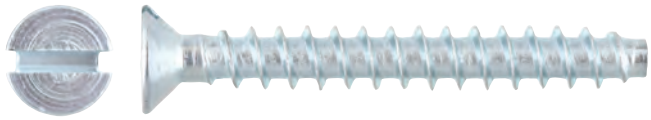
Advantages:
- One-handed mounting
- Simple laying process: Just drill and insert
- Just one drill diameter (Ø 6 mm) for all elements of the plug-in system
- High pull-out force (up to 0.4 kN)
- Suitable for use in temperatures down to -10°C in winter construction projects
- UV-stabilised and halogen-free
- Tested by the Institut für Kunststofftechnik (German Institute for Plastics Technology)
- Temperature resistant from -10°C to +85°C

Application area:
DSS 10: For two parallel single cables.
DSS 21: For two parallel, flexible and rigid pipes.

Art. No.	Type description	Min./max. grip range	Packaging unit (VPE)
0830 204 12	DSS 10	4-12 mm	200 PCS

Device Screws

Field of Application:
For securing plaster compensation rings when sockets are too deep, as well as built-in elements such as switches, socket outlets, dimmer switches etc.



Art. No.	Thread diameter	Length	Packaging unit (VPE)
0130 032 16	3.2 mm	16.0 mm	100 PCS
0130 032 25	3.2 mm	25.0 mm	100 PCS
0130 032 40	3.2 mm	40.0 mm	100 PCS

Plastic-coated wire end ferrules

Product description:
Wire end ferrules are pushed onto stripped cable ends and then soldered or crimped. The fine wires do not splay, resulting in an improved connection.

Advantages:
- Two different colour systems
- Polyamide funnel entry
- Halogen-free
- Heat-resistant up to +110°C

Field of Application:
For 0.5 mm^2–16 mm^2 conductors.



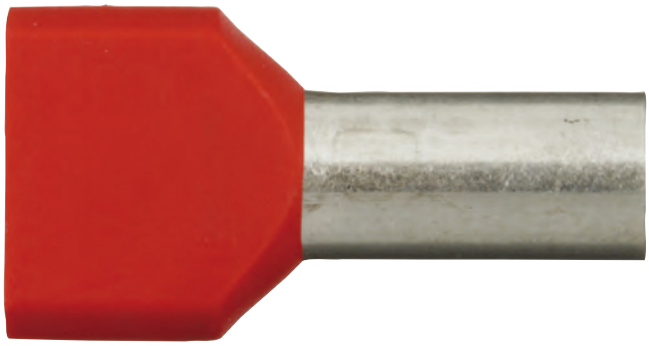
Art. No.	Cable cross section	Colour code conditions with wire end ferrule	Length	Colour	DIN	Surface	Material	Material of the sleeve	Packaging unit (VPE)
0557 000 50	0.5 mm^2	A	14.0 mm	Orange	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 000 501	0.5 mm^2	DIN 46228	14.0 mm	White	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 000 75	0.75 mm^2	A	14.0 mm	White	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 000 751	0.75 mm^2	DIN 46228	14.0 mm	Grey	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 001 00	1.0 mm^2	A	14.0 mm	Yellow	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 001 001	1.0 mm^2	DIN 46228	14.0 mm	Red	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 001 50	1.5 mm^2	A	14.0 mm	Red	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 001 501	1.5 mm^2	DIN 46228	14.0 mm	Black	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 002 50	2.5 mm^2	A	15.0 mm	Blue	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 002 501	2.5 mm^2	DIN 46228	15.0 mm	Blue	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 004 00	4.0 mm^2	A/DIN 46228	17.0 mm	Grey	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 006 00	6.0 mm^2	A	20.0 mm	Black	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 006 001	6.0 mm^2	DIN 46228	20.0 mm	Yellow	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 010 00	10.0 mm^2	A	21.0 mm	Ivory	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 010 001	10.0 mm^2	DIN 46228	21.0 mm	Red	46228-4	Tin-plated	Copper	Polyamide	100 PCS
0557 016 00	16.0 mm^2	A	23.0 mm	Green	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 016 001	16.0 mm^2	DIN 46228	23.0 mm	Blue	46228-4	Tin-plated	Copper	Polyamide	100 PCS

Plastic-coated duo wire end ferrules

Product description:
Wire end ferrules are pushed onto stripped cable ends and then soldered or crimped. The fine wires do not splay, resulting in an improved connection.

Advantages:
- Polyamide funnel entry for two cables
- Halogen-free
- Heat-resistant up to +110°C

Field of Application:
For 0.5 mm²–16 mm² conductors.



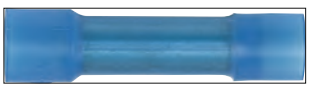
Art. No.	Cable cross section	Colour code conditions with wire end ferrule	Length	Colour	Number of wires	DIN	Surface	Material	Material of the sleeve	Packaging unit (VPE)
0557 200 751	0.75 mm²	DIN 46228	15.0 mm	Grey	2 PCS	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 201 001	1.0 mm²	DIN 46228	15.0 mm	Red	2 PCS	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 201 501	1.5 mm²	DIN 46228	16.0 mm	Black	2 PCS	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 202 501	2.5 mm²	DIN 46228	18.5 mm	Blue	2 PCS	46228-4	Tin-plated	Copper	Polyamide	500 PCS
0557 204 001	4.0 mm²	DIN 46228	23.0 mm	Grey	2 PCS	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 206 001	6.0 mm²	DIN 46228	25.0 mm	Yellow	2 PCS	46228-4	Tin-plated	Copper	Polyamide	200 PCS
0557 210 001	10.0 mm²	DIN 46228	26.0 mm	Red	2 PCS	46228-4	Tin-plated	Copper	Polyamide	100 PCS

Insulated butt connector

Field of Application:
Temperature range: -150°C up to +125°C

Advice:
With widened insulating sleeve suitable for harmonised cables.





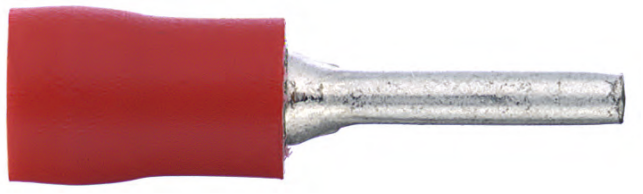


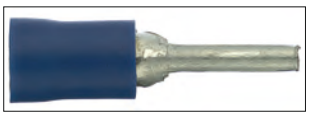
Art. No.	Min./max. cable cross section	Length	Colour	Sleeve length	Material of the sleeve	Packaging unit (VPE)
0558 925 1	0.5-1.5 mm²	15.0 mm	Red	26.0 mm	Polycarbonate	100 PCS
0558 926 2	1-2.5 mm²	15.0 mm	Blue	26.0 mm	Polycarbonate	100 PCS
0558 927 4	2.5-6 mm²	15.0 mm	Yellow	28.0 mm	Polycarbonate	100 PCS

Insulated pin terminal

Field of Application:
Temperature range: -150°C up to +125°C

Advice:
With widened insulating sleeve suitable for harmonised cables.





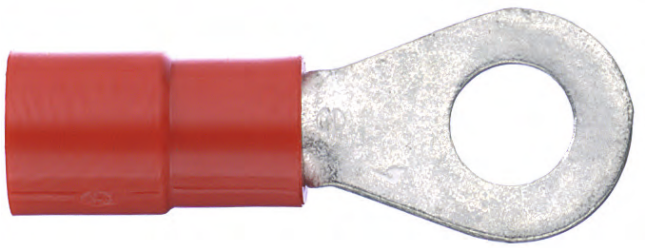


Art. No.	Min./max. cable cross section	Stud diameter	Colour	Length of pin	DIN	Material of the sleeve	Packaging unit (VPE)
0558 950 1	0.5-1.5 mm²	1.9 mm	Red	12.0 mm	46231	Polycarbonate	100 PCS
0558 951 2	1-2.5 mm²	1.9 mm	Blue	12.0 mm	46231	Polycarbonate	100 PCS
0558 952 4	2.5-6 mm²	2.7 mm	Yellow	16.0 mm	46231	Polycarbonate	100 PCS

Crimp terminal, ring type

Field of Application:
Temperature range: -150°C up to +125°C

Advice:
With widened insulating sleeve suitable for harmonised cables.







Art. No.	Min./max. cable cross section	Suitable for screw thread	Colour	Material thickness	DIN	Packaging unit (VPE)
0558 901 1	0.5-1.5 mm²	M4	Red	0.8 mm	46237	100 PCS
0558 902 1	0.5-1.5 mm²	M5	Red	0.8 mm	46237	100 PCS
0558 903 1	0.5-1.5 mm²	M6	Red	0.8 mm	46237	100 PCS
0558 908 2	1-1.5 mm²	M4	Blue	0.8 mm	46237	100 PCS
0558 909 2	1-1.5 mm²	M5	Blue	0.8 mm	46237	100 PCS
0558 910 2	1-1.5 mm²	M6	Blue	0.8 mm	46237	100 PCS
0558 911 2	1-1.5 mm²	M8	Blue	0.8 mm	46237	100 PCS
0558 912 2	1-1.5 mm²	M10	Blue	0.8 mm	46237	100 PCS
0558 915 4	2.5-6 mm²	M5	Yellow	1.0 mm	46237	100 PCS
0558 916 4	2.5-6 mm²	M6	Yellow	1.0 mm	46237	100 PCS

Art. No.	Min./max. cable cross section	Suitable for screw thread	Colour	Material thickness	DIN	Packaging unit (VPE)
0558 917 4	2.5-6 mm²	M8	Yellow	1.0 mm	46237	100 PCS
0558 918 4	2.5-6 mm²	M10	Yellow	1.0 mm	46237	100 PCS

Crimp terminal, fork type

Field of Application:
Temperature range: -150°C up to +125°C

Advice:
With widened insulating sleeve suitable for harmonised cables.



Art. No.	Min./max. cable cross section	Suitable for screw thread	Colour	Material thickness	Packaging unit (VPE)
0558 955 1	0.5-1.5 mm²	M4	Red	0.8 mm	100 PCS

Round connector sleeves

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
Tight connection, with metal insulation support.



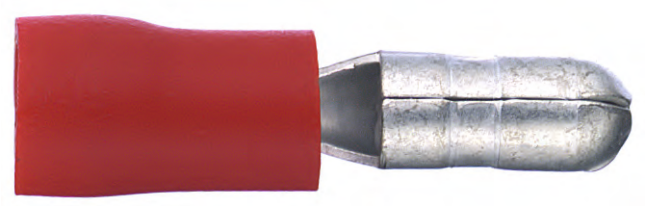


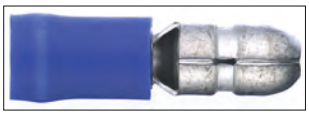
Art. No.	Min./max. cable cross section	Sleeve diameter	Colour	Packaging unit (VPE)
0558 947 1	0.5-1.5 mm²	4.0 mm	Red	100 PCS
0558 949 2	1-2.5 mm²	5.0 mm	Blue	100 PCS

Round connectors

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
Tight connection, with metal insulation support.





Art. No.	Min./max. cable cross section	Diameter	Colour	Packaging unit (VPE)
0558 946 1	0.5-1.5 mm²	4.0 mm	Red	100 PCS
0558 948 2	1-2.5 mm²	5.0 mm	Blue	100 PCS

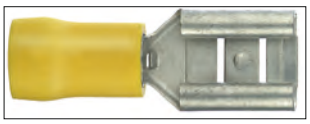
Insulated push connectors

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
With metal insulation support.







Art. No.	Min./max. cable cross section	Plug width	Colour	Plug thickness	Packaging unit (VPE)
0558 960	0.5-1.5 mm²	2.8 mm	Red	0.8 mm	100 PCS
0558 976 1	0.5-1.5 mm²	4.8 mm	Red	0.8 mm	100 PCS
0558 905 1	0.5-1.5 mm²	6.3 mm	Red	0.8 mm	100 PCS
0558 976 2	1-2.5 mm²	4.8 mm	Blue	0.8 mm	100 PCS
0558 905 2	1-2.5 mm²	6.3 mm	Blue	0.8 mm	100 PCS
0558 905 4	2.5-6 mm²	6.3 mm	Yellow	0.8 mm	100 PCS
0558 941 4	2.5-6 mm²	9.5 mm	Yellow	1.2 mm	100 PCS

Fully insulated push connectors

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
With metal insulation support.





Art. No.	Min./max. cable cross section	Plug width	Colour	Plug thickness	Packaging unit (VPE)
0558 905 11	0.5-1.5 mm²	6.3 mm	Red	0.8 mm	100 PCS
0558 905 22	1-2.5 mm²	6.3 mm	Blue	0.8 mm	100 PCS

Push connector

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
With metal insulation support.



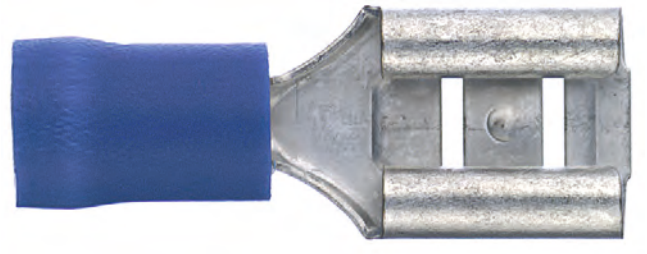


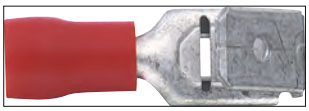
Art. No.	Min./max. cable cross section	Plug width	Colour	Plug thickness	Packaging unit (VPE)
0558 975 1	0.5-1.5 mm²	2.8 mm	Red	0.8 mm	100 PCS
0558 944 1	0.5-1.5 mm²	6.3 mm	Red	0.8 mm	100 PCS
0558 945 2	1-2.5 mm²	6.3 mm	Blue	0.8 mm	100 PCS

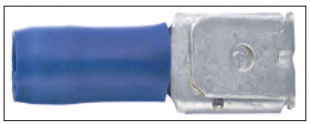
Push connectors with branch

Field of Application:
Temperature range: -10°C up to +75°C

Advice:
With metal insulation support.







Art. No.	Min./max. cable cross section	Plug width	Colour	Plug thickness	Nominal size of junction	Packaging unit (VPE)
0558 942 1	0.5-1.5 mm²	6.3 mm	Red	0.8 mm	6.3 x 0.8 mm	100 PCS
0558 943 2	1-2.5 mm²	6.3 mm	Blue	0.8 mm	6.3 x 0.8 mm	100 PCS
0558 940 2	1-2.5 mm²	7.7 mm	Blue	0.8 mm	2.8 x 0.8 mm	100 PCS

Quick-branching connector

Application area:
For branch connections in any position.
For mechanically secure, vibration-proof, long-lasting connections with absolutely no electrical faults.
Could not be easier to use as no special tools are required.

Field of Application:
Vehicle electrics, switchgear construction, control, measuring and regulation technology.

Advice:
1.) Lay cables in snap-lock cable connector. Caution: Do not strip insulation from the cables!
2.) Establish a connection using conventional combination pliers.
3.) Close securing tab. And you're done!





Art. No.	Min./max. cable cross section	Colour	Packaging unit (VPE)
0555 557	0.5-1.5 mm²	Red	50 PCS
0555 564	1-2.5 mm²	Blue	50 PCS

Fuse holder for plug-in fuses

Application area:
For direct cable clamping



Art. No.	Min./max. cable cross section	Max. current	Packaging unit (VPE)
0555 972	0.75-2.0 mm²	20 A	25 PCS

WAGO compact connection terminal, 2273 series

For conductor cross-sections of 0.5–2.5 mm²

Product description:
COMPACT push-wire connector for single-wire conductors. Transparent housing.

Advantages:
- Convenient cabling thanks to the most compact design possible. Cross-sectional area of 0.5 to 2.5 mm². Cross-sections can be combined as required. Visually check the conductor stop on the housing and the correct stripping length in the coloured cover viewing window. With test opening on the side opposite the terminal.

Advice:
Stripping length: Strip 5–6 mm of insulation from the single-wire conductor.









Art. No.	Number of wires	Packaging unit (VPE)
0556 273 202	2	100 PCS
0556 273 203	3	100 PCS
0556 273 205	5	100 PCS
0556 273 208	8	50 PCS

WAGO micro connection terminal, 243 series

For conductor cross-sections of 0.6–0.8 mm²

Product description:
MICRO push-wire connector for single-wire conductors.

Advantages:
- MICRO push-wire connectors for low-voltage installations. Push in rather than twist up to eight single-wire conductors. Cross-sectional area: 0.6 to 0.8 mm diameter.

Advice:
Strip insulation: Strip 11 mm of insulation from single-wire conductors (strip length printed on connector).





Art. No.	Number of wires	Packaging unit (VPE)
0556 243 204	4	100 PCS
0556 243 208	8	50 PCS

Wago connection terminal, 221 series

Wire cross-section 0.14-4.0 mm²

Product description:
Connection terminals that greatly facilitate work in practice



Owing to their extremely small dimensions, COMPACT connection terminals from WAGO are ideal for tight spaces.
Similarly impressive: The transparent housing: You can now see right away whether or not electrical contact is correctly applied to the conductors, and even whether the stripped lengths are suitable. Two easily accessible test openings, one in the direction of the conductor connection and one on the opposite side, ensure convenient test conditions even in the installed state.

The connection terminals also demonstrate impressively simplified operation: The actuation levers can now be opened and closed with noticeably less application force. Thanks to the side recessed handles, the 221 can be securely handled in any situation.

One connection terminal – all conductor types
The 2, 3 and 5-conductor terminals connect fine-wire conductors from 0.14-4 mm² and single and multi-wire conductors from 0.2-4 mm².
The terminals are therefore ideal for connecting different conductor types and cross-sections together. Tin-plated bus bars ensure permanently gas-tight and secure contacting of the conductors.
Designed for up to 32 A/450 V and for high continuous usage temperatures up to 105°C, the connection terminals facilitate operation in ambient temperatures of up to 85°C (T85) for small and large consumers. The 221 series can also be used worldwide owing to approvals including ENEC and UL.

Advantages:
- Up to 40% less space requirement than predecessor series WAGO 222.
- Transparent housing for visual control of correct conductor position and correct stripped length.
- Convenient connection owing to reduced actuation forces.
- Custom mixable conductor types and connection cross-sections from 0.14 -4 mm².
- Two test openings for all common test tips.

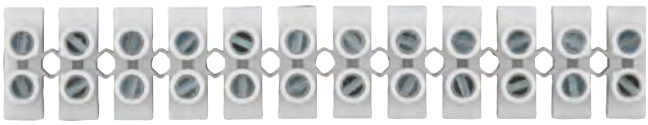
Art. No.	Number of wires	Min./ max. wire cross section	Wire-stripping length	Nominal current	Flammability	Width	Depth	Height	Max. ambient temperature	Max. continuous operating temperature	Packaging unit (VPE)
0556 221 412	2	0.14-0.4 mm²	11 mm	32 A	Self-extinguishing in	13.1 mm	18.6 mm	8.3 mm	+85 °C	+105 °C	100 PCS
0556 221 413	3	1.4-4.0 mm²	11 mm	32 A	Self-extinguishing in	18.7 mm	18.6 mm	8.3 mm	+85 °C	+105 °C	50 PCS
0556 221 415	5	0.14-0.4 mm²	11 mm	32 A	Self-extinguishing in	29.9 mm	18.6 mm	8.3 mm	+105 °C	+85 °C	25 PCS

Transparent terminal blocks

(in accordance with the Low Voltage Directive 73/23/EEC)

Advantages:

- Polypropylene terminal housing
- Halogen and silicone-free
- Nominal voltage: 450 V
- Maximum ambient temperature in accordance with EN 60998: T80
- Flame-retardant and self-extinguishing



Art. No.	Wire cross section	Min./max. cable cross section	Max. test current	Number of electrical poles	Colour	Packaging unit (VPE)
0556 1	2.5 mm²	1.0-4.0 mm²	32 A	12 PCS	Transparent	10 PCS
0556 2	4.0 mm²	1.5-6.0 mm²	41 A	12 PCS	Transparent	10 PCS
0556 3	6.0 mm²	2.5-10 mm²	57 A	12 PCS	Transparent	10 PCS
0556 4	16 mm²	6.0-16 mm²	76 A	12 PCS	Transparent	10 PCS

Black terminal blocks

(in accordance with the Low Voltage Directive 73/23/EEC)

Advantages:

- Polypropylene terminal housing
- Halogen and silicone-free
- Nominal voltage: 450 V
- Maximum ambient temperature in accordance with EN 60998: T80
- Flame-retardant and self-extinguishing



Art. No.	Wire cross section	Min./max. cable cross section	Max. test current	Number of connections	Colour	Packaging unit (VPE)
0556 11	2.5 mm²	1.0-4.0 mm²	32 A	12 PCS	Black	10 PCS
0556 21	4.0 mm²	1.5-6.0 mm²	41 A	12 PCS	Black	10 PCS
0556 31	6.0 mm²	2.5-10 mm²	57 A	12 PCS	Black	10 PCS
0556 41	16 mm²	6-16 mm²	76 A	12 PCS	Black	10 PCS

Cross-linked heat shrink hose

No internal adhesive

Product description:
The essential aid for all electrical applications. Can be cut to length in the practical, environmentally friendly dispenser box.

Application area:
For electrical insulation, mechanical protection, labelling, bundling, strain relief and corrosion protection.

Advice:
Please note: VPE values are in metres!



Art. No.	Internal diameter	Internal diameter (shrunk)	Sleeve-wall thickness when shrunk	Packaging unit (VPE)
0771 000 024	2.4 mm	1.2 mm	0.5 mm	10 PCS

Art. No.	Internal diameter	Internal diameter (shrunk)	Sleeve-wall thickness when shrunk	Packaging unit (VPE)
0771 000 032	3.2 mm	1.6 mm	0.5 mm	10 PCS
0771 000 048	4.8 mm	2.4 mm	0.5 mm	10 PCS
0771 000 064	6.4 mm	3.2 mm	0.6 mm	5 PCS
0771 000 095	9.5 mm	4.8 mm	0.6 mm	5 PCS
0771 000 127	12.7 mm	6.4 mm	0.6 mm	5 PCS
0771 000 190	19.0 mm	9.5 mm	0.8 mm	5 PCS
0771 000 254	25.4 mm	12.7 mm	0.9 mm	5 PCS





Cross-linked heat shrink hose

With hot-melt adhesive coating on the inner for moisture-proof insulation

Product description:
The essential aid for all electrical applications. Can be cut to length in the practical, environmentally friendly dispenser box.

Application area:
For electrical insulation, mechanical protection, labelling, bundling, strain relief and corrosion protection.

Field of Application:
For outdoor applications, damp locations, areas where condensation has formed etc.

Advice:
Please note: VPE values are in metres!



Art. No.	Internal diameter	Internal diameter (shrunk)	Sleeve-wall thickness when shrunk	Packaging unit (VPE)
0771 001 03	3 mm	1 mm	1.0 mm	5 PCS
0771 001 06	6 mm	3 mm	1.2 mm	4 PCS
0771 001 12	12 mm	4 mm	1.7 mm	3 PCS





Benning Duspol voltage tester

Advantages:

- Tested and authorised in accordance with the internationally applicable standard IEC/EN 61243-3 (DIN VDE 0682-401), voltage class B
- Display of direct and alternating voltages: LED/plunger coil
- Display level: 12, 24, 50, 120, 230, 400, 500, 750 V
- Direction of revolving field/phase testing: LCD, polarity testing: LED
- Load connection via push button: Is < 50 mA
- Impact and break-proof housing (degree of protection: IP 64)
- Suitable for indoor and outdoor use
- The low-ohmic measuring range prevents reactive voltages from being displayed



Art. No.	Packaging unit (VPE)
0695 300 196	1 PCS

Benning Dutest pro continuity and circuit tester

Product description:

Reliable detection of incorrect wiring, contact faults and cable interruptions.
Rapid detection of faulty fuses, lamps, wires and short circuits.
Continuity and semiconductor testing via LEDs and testing buzzer.
Display via three yellow LEDs: 0–100 Ω/1 kΩ/10 kΩ.
Acoustic display via testing buzzer to test low-ohmic resistances up to approx. 100 Ω.
Polarity testing.
Single-pole external conductor testing (phase) via 4-mm measuring tip (red flashing phase LED).
Non-contact phasing tester/cable break detector (red flashing phase LED).
Integrated self-test for LEDs, LED torch and buzzer.
Battery low voltage display.
Measuring category: CAT III 300 V.
Impact and break-proof housing.



Advantages:

- Acoustic and optical continuity testing (3-stage)
- With loud testing buzzer (4-stage adjustment).
- Phase voltage and external voltage display from 6–400 V.
- High-performance LED torch (4-stage adjustment).
- Non-contact cable breakage detector.
- Magnet holder and belt clip on back of housing.

Advice:

Battery set required: 3 x 1.5 V AA.

Art. No.	Packaging unit (VPE)
0695 300 199	1 PCS

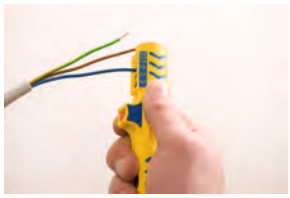
Jokari Super Stripper 15

Product description:
For stripping and de-insulating all conventional round cables, e.g. NYM 3x1.5 up to 5x2.5 mm² and diameters of 8 to 13 mm. No need to set the cutting depth. With longitudinal blade and stripper. Slip-proof grip zone for enhanced grip. The fastening clip allows you to securely attach the stripper to your work clothes.



Art. No.	Min./max. cable diameter	Min./max. cable cross section	Packaging unit (VPE)
0695 400 363	8-13 mm	0.2-4.0 mm²	1 PCS






Telephone and cable cutters

Product description:
Nickel-coated and serrated blades.
With wire cutter.



Art. No.	Length	Packaging unit (VPE)
0695 400 355	125.0 mm	1 PCS

Cable knife

Product description:
Rust-proof blade with cable notch.
Stable plastic handle with a leather texture.



Art. No.	Length	Blade length	Packaging unit (VPE)
0695 400 360	110.0 mm	85.0 mm	1 PCS

Wire crimper for wire end ferrules

Product description:
For reliable crimping of 0.5–16.0-mm² wire end ferrules.
Trapezoidal cross-section compression.
Tool steel, die-forged.



Art. No.	Min./max. cable cross section	Packaging unit (VPE)
0557 10	0.5-16.0 mm²	1 PCS

Wire crimper for cable connector

Product description:
For solderless electrical connections in accordance with DIN.
To strip insulation from and cut wires.
Crimping jaws to crimp insulated and non-insulated terminals.



Art. No.	Min./max. cable cross section	Packaging unit (VPE)
0558 10	1.5-6.0 mm²	1 PCS

RECA Multi Strip

Product description:
Fast and precise sheath stripping and stripping of all standard round and damp room cables (e.g. NYM cable from 3 x 1.5 mm² to 5 x 2.5 mm²), data cables (e.g. twisted pair) and coaxial cables.
New, ergonomic pistol grip for easy cutting, pulling and longitudinal cutting of the sheath.
Conically streamlined tool ends for better access in tight installation spaces.
Stripping device for cross sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4 mm².
Simplified insertion of single conductors for stripping due to positioning bars.

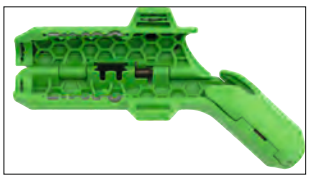


With opening spring and transport lock.
Convenient insertion of coaxial and data cables thanks to opening guide.
Multi-component design with soft plastic zone for convenient handling and secure hold.
Housing made from rigid glass-fibre reinforced plastic.

Field of Application:
Stripping values:
Round cable: Diameter: 8-13 mm
Conductors and wires: 0.2-4.0 mm²
Data cables: CAT 5 - 7, twisted pair (UTP/STP)
Coaxial cable: Diameter: 4.8-7.5 mm









Art. No.	Min./max. wire-stripping cable diameter	Min./max. stripper cross-section, cable and litz wire	Min./max. wire-stripping coaxial cable diameter	Stripper value data cable	Length	Weight	Packaging unit (VPE)
0695 300 300	8-13 mm	0.2-4.0 mm²	4.8-7.5 mm	CAT 5-7 Twisted Pair (UTP/STP)	135 mm	93 g	1 PCS









Jokari cable knife 28 H

Product description:
The cutting depth can be adjusted manually via the knurled screw on the end of the handle. This feature means that it is impossible to damage the inside of the conductor. The handle sections of the cable knife are made from high-quality, wear-resistant polyamide. The cable knife also features a rotatable inner blade that automatically adjusts to the longitudinal cut after the circular cut. A replacement inner blade is stored in the handle.



Art. No.	Min./max. cable diameter	Packaging unit (VPE)
0695 400 361	4-50 mm	1 PCS

Jokari replacement blade

Product description:
Replacement blade for Jokari cable knife 28 H





Art. No.	Packaging unit (VPE)
0695 400 362	1 PCS

recamo mounting rails

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories. A fire test report can also be presented for the recamo 38/40, 40/60 and ZS 41x41x2.5 ranges.



Advantages:
galvanised
optimised cross-sections for high bend and tear resistance
extensive range of system accessories
the right rail is available for every load condition

Field of Application:
recamo rails are ideal for building secure, suspensions and attachments, traverses, wall brackets, stands and support frames with vertical and lateral adjustment

Advice:
Rails and double rails with 6 m length are sent separately as individual packed items. Please contact our internal sales team for information on applicable freight charges.

Art. No.	Type	Length	Material thickness	Weight per metre	Packaging unit (VPE)
0859 102 718	27/18	2000.0 mm	1.25 mm	650	12 PCS
0859 102 730	28/30	2000.0 mm	1.75 mm	980	12 PCS
0859 102 747	38/40	6 m	2.0 mm	1900	48 PCS
0859 102 748	38/40	6 m	2.0 mm	1900	72 PCS
0859 102 740	38/40	2000.0 mm	2.0 mm	1900	12 PCS
0859 102 743	38/40	3000.0 mm	2.0 mm	1900	24 PCS
0859 102 746	38/40	6000.0 mm	2.0 mm	1900	24 PCS
0859 102 767	40/60	6 m	3.0 mm	3800	48 PCS
0859 102 768	40/60	6 m	3.0 mm	3800	72 PCS
0859 102 762	40/60	2000.0 mm	3.0 mm	3800	4 PCS
0859 102 763	40/60	3000.0 mm	3.0 mm	3800	12 PCS
0859 102 766	40/60	6000.0 mm	3.0 mm	3800	24 PCS

Hexagon socket screw

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories. A fire test report can also be presented for the recamo 38/40, 40/60 and ZS 41x41x2.5 ranges.



Application area:
Ideal for securing recamo rails (item no. 0859 102...).
Compatible items: DIN 9021 washers (item no. 0416 6)

Art. No.	Nominal diameter	Length	Width across flats	Packaging unit (VPE)
0860 6 40	6 mm	40 mm	6 mm	200 PCS

Fish bolts, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories. A fire test report can also be presented for the recamo 38/40, 40/60 and ZS 41x41x2.5 ranges.



Advantages:
Can be used without a washer thanks to the pressed-on collar.
Additional Torx drive for screw connection to rails using long bits.

Application area:
For securing recamo rails, brackets, etc. from item group 0859

Art. No.	Nominal diameter	Length	Size	Width across flats	Min./max. washer diameter	Packaging unit (VPE)
0860 16 60	6 mm	60 mm	TX25	10 mm	12.7-13.5 mm	100 PCS
0860 16 75	6 mm	75 mm	TX25	10 mm	12.7-13.5 mm	100 PCS
0860 18 50	8 mm	50 mm	TX30	13 mm	15.7-17.0 mm	100 PCS
0860 18 60	8 mm	60 mm	TX30	13 mm	15.7-17.0 mm	100 PCS
0860 18 80	8 mm	80 mm	TX30	13 mm	15.7-17.0 mm	100 PCS
0860 18 100	8 mm	100 mm	TX30	13 mm	15.7-17.0 mm	100 PCS

recamo wall brackets, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
Galvanised
Robot-welded base plate
Optimised hole pattern (slot/cross hole on type 27 and 28)

Application area:
recamo wall brackets are ready-to-fit cantilever brackets.
They serve primarily as a means of attaching pipes to walls.
Other possible uses include attachment to ceilings and floor areas.
In connection with reca mounting rails and other components from the reca program, every conceivable attachment scenario can be catered for.

Art. No.	Type	Length	Base plate height	Base plate width	Base plate thickness	Packaging unit (VPE)
0859 118 180	27/18	200.0 mm	120 mm	40 mm	4 mm	1 PCS
0859 118 300	27/18	300.0 mm	120 mm	40 mm	4 mm	1 PCS
0859 130 240	28/30	240.0 mm	120 mm	40 mm	5 mm	1 PCS
0859 130 300	28/30	320.0 mm	120 mm	40 mm	5 mm	1 PCS
0859 130 420	28/30	400.0 mm	120 mm	40 mm	5 mm	1 PCS
0859 130 540	28/30	480.0 mm	120 mm	40 mm	5 mm	1 PCS
0859 140 200	38/40	200.0 mm	125 mm	50 mm	8 mm	1 PCS
0859 140 360	38/40	360.0 mm	125 mm	50 mm	8 mm	1 PCS
0859 140 440	38/40	440.0 mm	125 mm	50 mm	8 mm	1 PCS

Art. No.	Type	Length	Base plate height	Base plate width	Base plate thick-ness	Packaging unit (VPE)
0859 140 600	38/40	600.0 mm	125 mm	50 mm	8 mm	1 PCS
0859 141 000	38/40	1000.0 mm	125 mm	50 mm	8 mm	1 PCS
0859 141 060	40/60	600.0 mm	165 mm	60 mm	8 mm	1 PCS
0859 141 080	40/60	800.0 mm	165 mm	60 mm	8 mm	1 PCS
0859 141 100	40/60	1000.0 mm	165 mm	60 mm	8 mm	1 PCS

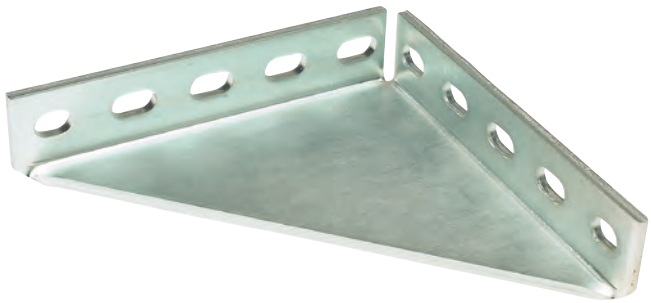




recamo angle bracket, type 38/40 galvanised

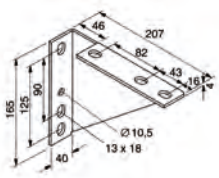
Product description:

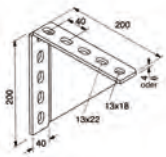
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



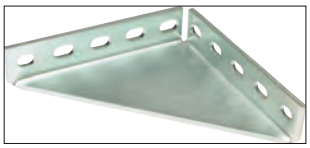
Advantages:
Galvanised
Light-duty and heavy-duty design
Versatile applications

Field of Application:
recamo angle brackets are ready-to-fit and versatile structural elements for attachment to walls or ceilings, in shafts or directly on the mounting rail. They can be use as pipe supports, attachment points for cross beams, as supporting brackets for rails, base supports or connection elements. When screwed together, load and bend values are considerably higher.





Art. No.	Type	Length	Height	Width	Thickness	Packaging unit (VPE)
0859 141 204	38/40	200.0 mm	200.0 mm	40.0 mm	4 mm	5 PCS
0859 141 206	38/40	200.0 mm	200.0 mm	40.0 mm	6 mm	5 PCS
0859 141 164	38/40	207.0 mm	165.0 mm	40.0 mm	4 mm	5 PCS



recamo wall bracket support 28/30 and 38/40 galvanised



Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
The bracket supports are ready-to-fit and easy to install. They are hooked into the bracket at one end and secured to the wall at the other. The supports are suitable for both systems, 28/30 and 38/40

Advice:
Bracket supports increase the load capacity many times over; the 28/30 system triples the load capacity and the 38/40 system doubles it.

Art. No.	Length	Packaging unit (VPE)
0859 149 285	285 mm	1 PCS
0859 149 485	485 mm	1 PCS

recamo bracket set 560 mm for air conditioners, galvanised, with soundproofing elements



Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Art. No.	Type description	Packaging unit (VPE)
0859 150 560	Bracket set	1 PCS
0859 150 564	Noise-damping elements (4 pc.) with through-hole for threaded rods up to M10	4 PCS

recamo angle brackets, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
galvanised
tailored dimension in lightweight and heavy-duty design
versatile

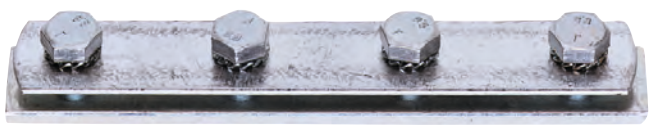
Field of Application:
recamo angle brackets are used to reinforce rail structures.
They are also suitable for attaching rails or as structural elements for booms.
RECA mounting brackets are indispensable for assembling structures without welding.
recamo 135° angle brackets for rails of type 38 are supplied preassembled with two M10 x 20 hexagonal bolts and a large washer.
The recamo angle brackets with the item number 0859 239 et seq. are supplied preassembled with bolts and counter-washers.

Art. No.	Type	Angle	Limb length	Limb length 2	Packaging unit (VPE)
0859 219 045	27 + 28	90 Degree	45.0 mm	45.0 mm	25 PCS
0859 219 090	27 + 28	90 Degree	90.0 mm	90.0 mm	25 PCS
0859 213 545	27 + 28	135 Degree	45.0 mm	45.0 mm	25 PCS
0859 213 590	27 + 28	135 Degree	90.0 mm	90.0 mm	25 PCS
0859 229 590	38 + 40	90 Degree	105 mm	85 mm	25 PCS

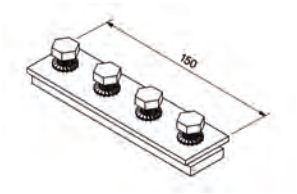
recamo rail connector, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Field of Application:
recamo rail connectors are used to extend reca mounting rails with friction-locking connections.
Simply push the rail ends onto the extension and screw in place.



Art. No.	Type	Length	Packaging unit (VPE)
0859 102 827	27 + 28	150.0 mm	10 PCS
0859 102 838	38/40	150.0 mm	10 PCS



recamo rail end caps, black

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Field of Application:
recamo rail end caps not only create a clean finish on rails and brackets, they also protect against injury

Art. No.	Type	Packaging unit (VPE)
0859 102 218	27/18	100 PCS
0859 102 227	28/30	100 PCS
0859 102 238	38/40	100 PCS
0859 102 240	40/60	25 PCS

recamo angle brackets, galvanised, premounted

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Field of Application:
recamo angle brackets are used to reinforce rail structures.
They are also suitable for attaching rails or as structural elements for booms.
reca mounting brackets are indispensable for assembling structures without welding.
recamo 135° angle brackets for rails of type 38 are supplied preassembled with two M10 x 20 hexagonal bolts and a large washer.
The recamo angle brackets with the item number 0859 239 et seq. are supplied preassembled with bolts and counter-washers.

Art. No.	Type	Angle	Limb length	Limb length 2	Packaging unit (VPE)
0859 239 290	27 + 28	90 Degree	80.0 mm	80.0 mm	25 PCS
0859 239 245	27 + 28	135 Degree	100.0 mm	70.0 mm	25 PCS
0859 239 390	38 + 40	90 Degree	80.0 mm	80.0 mm	15 PCS
0859 229 545	38 + 40	135 Degree	75.0 mm	105.0 mm	25 PCS
0859 239 345	38 + 40	135 Degree	90.0 mm	90.0 mm	15 PCS

recamo rail holder, lengthwise, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
Galvanised
Adjustable
Preassembled

Field of Application:
recamo rail holders are ideal for creating sturdy traverses
in tight installation spaces (shafts). They can be used as fixing points for custom-made
brackets and as wall attachments for vertical mounting rails. Slot in flange base plate for height adjustment and lateral adjustment.
recamo rail holders are supplied preassembled (hexagon bolt M 10 x 16 with large washer).

Art. No.	Type	Packaging unit (VPE)
0859 102 947	27 + 28 L	10 PCS
0859 102 948	38/40 L	10 PCS

recamo rail holder, upright, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
Galvanised
Adjustable
Preassembled

Field of Application:
recamo rail holders are ideal for creating sturdy traverses
in tight installation spaces (shafts). They can be used as fixing points for custom-made
brackets and as wall attachments for vertical mounting rails. Slot in flange base plate for height adjustment and lateral adjustment.
recamo rail holders are supplied preassembled (hexagon bolt M 10 x 16 with large washer).

Art. No.	Type	Packaging unit (VPE)
0859 102 927	27 + 28 H	10 PCS
0859 102 928	38/40 H	10 PCS



recamo rail lug, lengthwise, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
Galvanised
Adjustable
Fast, secure fixture

Field of Application:
recamo rail support saddles are ideal for creating sturdy traverses in tight installation conditions (shafts). They can be used as fixing points for custom-made brackets and as a wall attachment for vertical and horizontal mounting rails. Slot in flange base plate for height adjustment and lateral adjustment. To install, the rail is placed in the saddle and screwed in place. The two sizes from the 38/40 system are also suitable for the toothed mounting rail system.

Art. No.	Type	Packaging unit (VPE)
0859 102 957	27 + 28 L	10 PCS
0859 102 958	38/40 L	10 PCS

recamo rail lug, upright, galvanised

Product description:

The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Advantages:
Galvanised
Adjustable
Fast, secure fixture

Field of Application:
recamo rail support saddles are ideal for creating sturdy traverses in tight ins-

tallation conditions (shafts). They can be used as fixing points for custom-made brackets and as a wall attachment for vertical and horizontal mounting rails. Slot in flange base plate for height adjustment and lateral adjustment. To install, the rail is placed in the saddle and screwed in place. The two sizes from the 38/40 system are also suitable for the toothed mounting rail system.

Art. No.	Type	Packaging unit (VPE)
0859 102 937	27 + 28 H	10 PCS
0859 102 938	38/40 H	10 PCS

recamo quick-attachment base plate for rail size 27/28

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
Galvanised
Secure hold, easy to adjust
Quick installation

Field of Application:
The innovative replacement for hammer head bolts and channel nuts in suspension systems using threaded rods or elements.
Version A: Twistfix without set screw



Art. No.	Type	Thread type x nominal diameter	Packaging unit (VPE)
0859 102 008	27/18 + 28/30	M8	50 PCS
0859 102 010	27/18 + 28/30	M10	50 PCS



recamo quick-attachment Twistfix compl. for rail size 27/28

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
Galvanised
Secure hold, easy to adjust
Quick installation

Field of Application:
The innovative replacement for hammer head bolts and channel nuts.
The version installed can either have an M8 or M10 threaded rod.
recamo Twistfix is suitable for rail types 27 and 28.



Art. No.	Type	Thread type x nominal diameter	Length	Packaging unit (VPE)
0859 102 081	27/18 + 28/30	M8	80.0 mm	50 PCS
0859 102 101	27/18 + 28/30	M10	100.0 mm	50 PCS

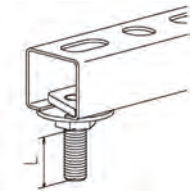
recamo hammer head bolts, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
galvanised
secure grip
easy fitting

Field of Application:
Hammer-head fasteners are the connection element between rails/brackets and the pipe clamp. To install, the base plate is inserted into the rail and secured using the pre-installed nut and washer.





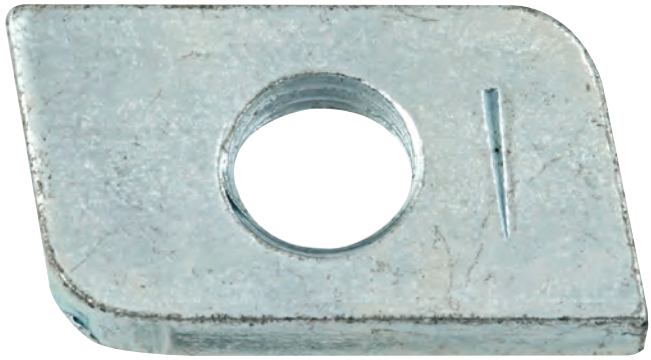
Art. No.	Type	Thread type x nominal diameter	Length	Usable length	Packaging unit (VPE)
0859 208 025	27/18 + 28/30	M8	25.0 mm	11.0 mm	100 PCS
0859 208 030	27/18 + 28/30	M8	30.0 mm	15.0 mm	100 PCS
0859 208 040	27/18 + 28/30	M8	40.0 mm	25.0 mm	100 PCS
0859 208 050	27/18 + 28/30	M8	50.0 mm	35.0 mm	100 PCS
0859 208 060	27/18 + 28/30	M8	60.0 mm	45.0 mm	100 PCS
0859 208 080	27/18 + 28/30	M8	80.0 mm	65.0 mm	100 PCS
0859 208 100	27/18 + 28/30	M8	100.0 mm	85.0 mm	50 PCS
0859 208 825	38/40	M8	25.0 mm	11.0 mm	50 PCS
0859 208 830	38/40	M8	30.0 mm	12.0 mm	50 PCS
0859 208 835	38/40	M8	35.0 mm	17.0 mm	50 PCS
0859 208 840	38/40	M8	40.0 mm	22.0 mm	50 PCS
0859 208 850	38/40	M8	50.0 mm	35.0 mm	50 PCS
0859 208 860	38/40	M8	60.0 mm	42.0 mm	50 PCS
0859 208 130	38/40	M10	30.0 mm	12.0 mm	50 PCS
0859 208 140	38/40	M10	40.0 mm	22.0 mm	50 PCS
0859 208 160	38/40	M10	60.0 mm	42.0 mm	50 PCS
0859 208 180	38/40	M10	80.0 mm	62.0 mm	50 PCS
0859 208 200	38/40	M10	100.0 mm	82.0 mm	25 PCS

recamo channel nut, M10, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
Galvanised
Secure hold
Simple installation

Field of Application:
Channel nuts are connection elements between rails/brackets and the pipe clamp. To install, the nut is inserted into the rail and screwed in place by means of a threaded rod and washer.
Channel nuts are used in places where long threaded rods are needed for suspension.



Art. No.	Type	Thread type x nominal diameter	Length	Width	Thickness	Packaging unit (VPE)
0859 202 708	27/18 + 28/30	M8	22 mm	13 mm	4 mm	100 PCS
0859 202 710	27/18 + 28/30	M10	22 mm	13 mm	4 mm	100 PCS
0859 202 808	38/40	M8	30 mm	18 mm	6 mm	100 PCS
0859 202 810	38/40	M10	30 mm	18 mm	6 mm	100 PCS
0859 202 812	38/40	M12	30 mm	18 mm	6 mm	100 PCS

recamo universal channel nut, steel, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Field of Application:
Universal channel nuts can be used on rails and brackets of different sizes and from different manufacturers. The single version with different connecting threads fits onto any recamo mounting rail.



Art. No.	Thread type x nominal diameter	Length	Width	Height	Packaging unit (VPE)
0859 202 906	M6	33 mm	23 mm	6 mm	100 PCS
0859 202 908	M8	33 mm	23 mm	6 mm	100 PCS
0859 202 910	M10	33 mm	23 mm	6 mm	100 PCS
0859 202 912	M12	33 mm	23 mm	6 mm	100 PCS





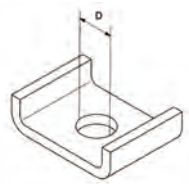
recamo securing clip, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly heavy-duty domestic engineering type 40

Advantages:
galvanised
extremely safe
precise design

Field of Application:
recamo securing clips prevent rails from bending under large loads. Suitable for M8, M10 or M12 threaded connections.





Art. No.	Type	Bore diameter	Material thickness	Packaging unit (VPE)
0859 210 208	27/18 + 28/30	8.5 mm	3 mm	100 PCS
0859 210 210	27/18 + 28/30	10.5 mm	3 mm	100 PCS
0859 210 408	38/40	8.5 mm	3 mm	100 PCS
0859 210 410	38/40	10.5 mm	3 mm	100 PCS
0859 210 608	40/60	8.5 mm	3 mm	100 PCS
0859 210 610	40/60	10.5 mm	3 mm	100 PCS
0859 210 612	40/60	12.5 mm	3 mm	100 PCS



recamo parallel connector, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
easy fitting
secure grip
cost-effective adjusting device

Field of Application:
Fast, easy height adjustment of threaded rods.

Hold the ends of the threads together, push on the connector and adjust. The thread pitches pressing against one other guarantee a secure hold.





Art. No.	Thread type x nominal diameter	Max. load force	Packaging unit (VPE)
0859 300 208	M8	600 N	100 PCS
0859 300 210	M10	2000 N	100 PCS

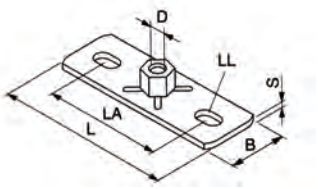
recamo base plate, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
galvanised
longitudinal holes enable adjustment
versatile structural components

Field of Application:
Base plates are used for direct attachment to walls and ceilings. recamo base plates can be used for light-duty and medium-duty suspensions.





Art. No.	Type	Connection thread	Length x width x thickness	Elongated hole length/ elongated hole width	Hole distance	Packaging unit (VPE)
0859 317 012	Light	1/2 inch	80.0 x 30.0 x 3 mm	9 x 18 mm	54 mm	25 PCS
0859 317 08	Light	M8	80.0 x 30.0 x 3 mm	9 x 18 mm	54 mm	25 PCS
0859 317 810	Light	M8 x M10	80.0 x 30.0 x 3 mm	9 x 18 mm	54 mm	25 PCS
0859 317 10	Light	M10	80.0 x 30.0 x 3 mm	9 x 18 mm	54 mm	25 PCS
0859 318 012	Medium	1/2 inch	120.0 x 40.0 x 4 mm	11 x 18 mm	85 mm	10 PCS
0859 318 08	Medium	M8	120.0 x 40.0 x 4 mm	11 x 18 mm	85 mm	25 PCS
0859 318 10	Medium	M10	120.0 x 40.0 x 4 mm	11 x 18 mm	85 mm	25 PCS

recamo double bracket, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40



Advantages:
Galvanised
Quick and easy installation

Field of Application:
For fast parallel mounting e.g. of supply and return lines in pipework installation.

Art. No.	Thread type x nominal diameter	Thickness	Hole distance	Packaging unit (VPE)
0859 400 055	M8	1.5 mm	55 mm	50 PCS
0859 400 065	M8	1.5 mm	65 mm	50 PCS
0859 400 085	M8	1.5 mm	85 mm	50 PCS
0859 400 105	M8	1.5 mm	105 mm	50 PCS



recamo bolts for double bracket, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40



Advantages:
Galvanised
Quick and easy installation
Secure and even attachment

Field of Application:
For use in conjunction with M8 double bracket

Art. No.	Thread type x nominal diameter	Shaft length	Packaging unit (VPE)
0859 401 025	M8	15.0 mm	100 PCS

Art. No.	Thread type x nominal diameter	Shaft length	Packaging unit (VPE)
0859 401 035	M8	25.0 mm	100 PCS
0859 401 045	M8	35.0 mm	100 PCS
0859 401 055	M8	45.0 mm	100 PCS
0859 401 065	M8	55.0 mm	100 PCS

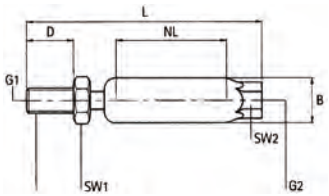
recamo suspending bracket//height adjuster, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advantages:
Galvanised
Quick and easy installation
Infinitely variable height adjustment with inspection hole for minimum screw-in depth
Also suitable for nut-and-washer assemblies thanks to long thread connection
Hexagon adapter for height adjustment
Lateral deflection 20°

Field of Application:
For pendulum-mounting of pipe hangers and height adjustment.
Recommended for metal pipes up to DN 50 and plastic pipes up to DN 100.







Art. No.	Thread type x nominal diameter	Length	Usable length	Width across flats	Max. load force	Packaging unit (VPE)
0859 405 087	M8	74.0 mm	35.0 mm	13 mm	2400 N	50 PCS
0859 405 107	M10	67.0 mm	35.0 mm	13 mm	3000 N	50 PCS



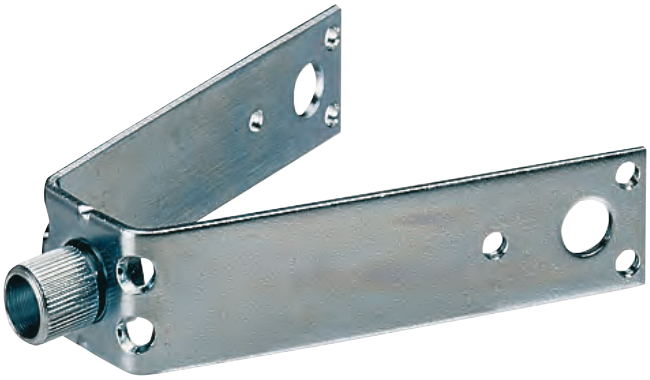
recamo trapezoidal plate holder, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

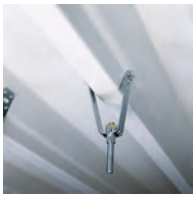
Advantages:
Galvanised
Quick and easy mounting thanks to pre-punched holes
Easily fitted to trapezoidal plate profiles by means of predetermined bending points
Special sleeve nuts for infinitely variable height adjustment

Field of Application:
For direct installation on trapezoidal plate roofs.

Advice:
Maximum permissible load of trapezoidal plate holder is 1300 N; however the retention force of the trapezoidal plate itself must be observed without fail.



Art. No.	Thread type x nominal diameter	Limb length	Width	Thickness	Packaging unit (VPE)
0859 409 008	M8	120.0 mm	25.0 mm	2.5 mm	50 PCS
0859 409 010	M10	120.0 mm	25.0 mm	2.5 mm	50 PCS

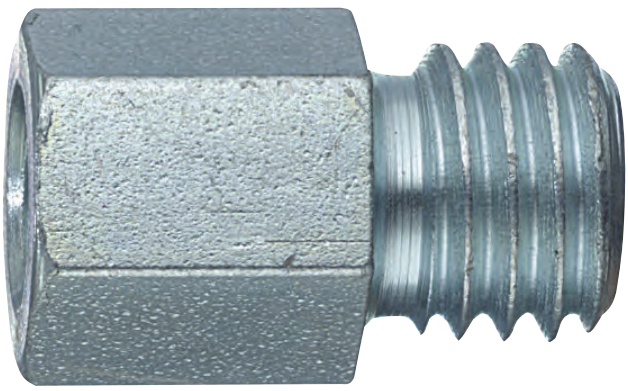




Pipe reducer, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Field of Application:
Pipe reducers are the ideal answer to all problems involving the use of metric threaded connections with different diameters.
Economical thanks to numerous possible combinations
Different mounting systems can be combined, e.g. for mounting pipe clamps.



Art. No.	Female thread	Male thread	Width across flats	Packaging unit (VPE)
0865 106 08	6 mm	8 mm	13 mm	100 PCS
0865 108 06	8 mm	6 mm	13 mm	100 PCS
0865 108 10	8 mm	10 mm	13 mm	100 PCS
0865 110 08	10 mm	8 mm	13 mm	100 PCS
0865 110 12	10 mm	12 mm	13 mm	100 PCS

recamo combination channel nut M10 galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Field of Application:
Combination channel nuts can be used on rails and brackets of different sizes and from different manufacturers



Spacing sleeves, hexagonal, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advice:
Strength class of all spacer sleeves is 4.6



Art. No.	Thread type x nominal diameter	Length	Width across flats	Packaging unit (VPE)
0974 6 25	M6	25 mm	10 mm	100 PCS
0974 6 30	M6	30 mm	10 mm	100 PCS
0974 8 25	M8	25 mm	11 mm	100 PCS
0974 8 30	M8	30 mm	11 mm	100 PCS
0974 8 40	M8	40 mm	11 mm	100 PCS
0974 10 25	M10	25 mm	13 mm	100 PCS
0974 10 30	M10	30 mm	13 mm	100 PCS
0974 10 40	M10	40 mm	13 mm	100 PCS
0974 12 30	M12	30 mm	17 mm	50 PCS
0974 12 40	M12	40 mm	17 mm	50 PCS

Spacer sleeves, round, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40

Advice:
Strength class of all spacer sleeves is 4.6



Art. No.	Thread type x nominal diameter	Length	Outer diameter	Packaging unit (VPE)
0974 06 25	M6	25 mm	10 mm	100 PCS
0974 06 30	M6	30 mm	10 mm	100 PCS
0974 08 25	M8	25 mm	11 mm	100 PCS
0974 08 30	M8	30 mm	11 mm	100 PCS
0974 08 40	M8	40 mm	11 mm	100 PCS
0974 010 25	M10	25 mm	13 mm	100 PCS
0974 010 30	M10	30 mm	13 mm	100 PCS
0974 010 40	M10	40 mm	13 mm	100 PCS
0974 012 30	M12	30 mm	15 mm	50 PCS
0974 012 40	M12	40 mm	15 mm	50 PCS

recamo flange clamp, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
galvanised
secure grip
easy fitting

Field of Application:
Flange clamps are ideal for securing rails for pipework and ventilation ducts to steel T-beams.
Easily installed without drilling or welding.
Rails can be subsequently moved and adjusted at any time.
Suitable for attachment to all common T-beams.

Advice:
Load capacity specifications apply when the product is used in pairs!





Art. No.	Type	Thread type x nominal diameter	Max. load force	Packaging unit (VPE)
0859 300 27	27/18 + 28/30	M6	2800 N	20 PCS
0859 300 38	27/18 + 28/30	M8	5400 N	20 PCS
0859 300 40	38/40 and 40/60	M10	10400 N	20 PCS

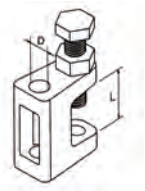
recamo beam clamp with through hole, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
galvanised
compatible with all popular systems
simple, fast and safe assembly

Field of Application:
Beam clamps are ideal for securing pipe lines, ventilation ducts or sprinkler systems to steel T-beams using threaded rods. No drilling or welding required for installation





Art. No.	Through-hole diameter	Max. grip range	Max. load force	Packaging unit (VPE)
0859 301 8	9 mm	18 mm	1200 N	20 PCS
0859 301 10	11 mm	20 mm	2500 N	20 PCS

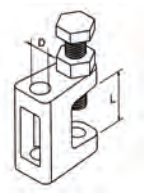
recamo beam clamp with thread, galvanised

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
galvanised
compatible with all popular systems
simple, fast and safe assembly

Field of Application:
Beam clamps are ideal for securing pipe lines, ventilation ducts or sprinkler systems to steel T-beams using threaded rods. No drilling or welding required for installation





Art. No.	Thread type x nominal diameter	Max. grip range	Max. load force	Packaging unit (VPE)
0859 301 08	M8	18 mm	1200 N	20 PCS
0859 301 010	M10	20 mm	2500 N	20 PCS
0859 301 012	M12	23 mm	3500 N	10 PCS

recamo beam clamp type TKM

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

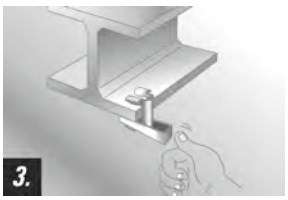


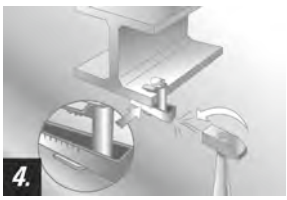
Advantages:
- Quick, easy mounting and removal; higher breaking load values; no twisting when fitting drive-in beam clamps. Locking tabs are not necessary for stationary sprinkler systems. VdS and FM approved.

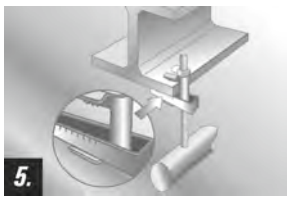
Application area:
For suspending pipes, lighting strips and ventilation ducts and many other applications. Drive-in beam clamp bites securely into steel only when driven in. Screw attachment is not required.

Field of Application:
Beam clamps for quick and easy suspension from steel components (e.g. T-beams) and profiles.

Art. No.	Thread type x nominal diameter	Min./max. grip range	Packaging unit (VPE)
0859 303 108	M8	8-20 mm	25 PCS
0859 303 210	M10	8-20 mm	25 PCS
0859 303 312	M12	8-20 mm	25 PCS
0859 303 416	M16	11-26 mm	16 PCS





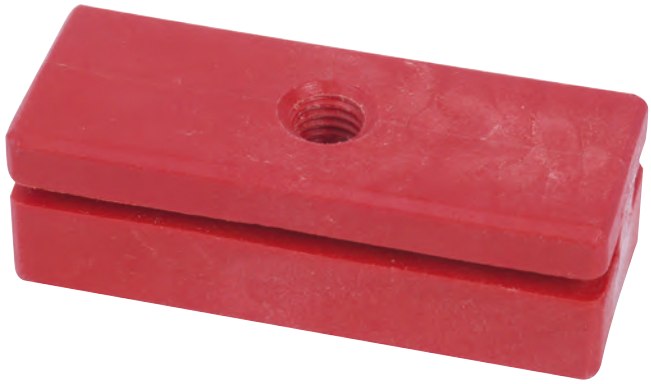


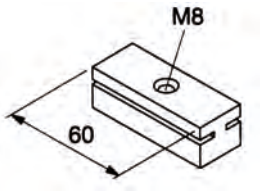
recamo sliding piece, type 27/28 with M8 thread

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
Facilitates long glide paths
Maintenance-free
Excellent gliding capacity
Gliding paths can be individually selected

Field of Application:
Sliding pieces are used in conjunction with mounting rails. These plastic parts are used as moving connectors on very long, light pipework. Can be mounted vertically, horizontally suspended or horizontally supported.
The rail should be reinforced with securing clips to ensure a secure hold.





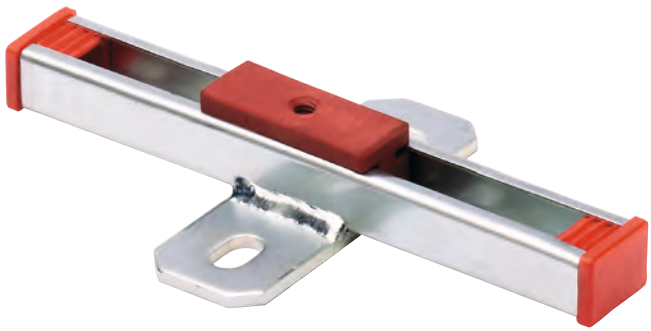
Art. No.	Type	Thread type x nominal diameter	Length	Max. load force	Packaging unit (VPE)
0859 310 27	27/18 + 28/30	M8	60.0 mm	1000 N	50 PCS

recamo slide blocks, type 27 / 28

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
permits adequate slide travel
maintenance-free
very high, jerk-free sliding behaviour
maximum slide travel 118 mm

Field of Application:
Slide blocks are used in conjunction with threaded fittings. These elements are used as moving fasteners on very long, light pipework e.g. on plastic pipes. This reduces linear expansion and the build-up of pressure on pipe clamps. Can be mounted vertically, horizontally suspended or horizontally supported.



Art. No.	Thread type x nominal diameter	Length	Height	Max. load force	Packaging unit (VPE)
0859 311 27	M8	210.0 mm	28.0 mm	1000 N	1 PCS

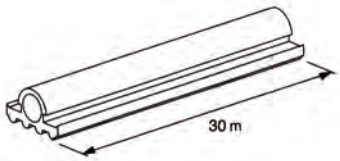
recamo rail rubber, type 38

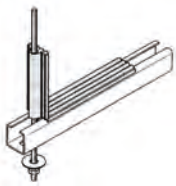
Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Advantages:
Excellent acoustic insulation properties
Easy to install
Prevents metallic contact

Field of Application:
This rubber inlay is used as an insulation layer to prevent acoustic bridging.
The rubber inlay can either be pushed onto rails or used as a noise insulator on the threaded rod.
The rubber inlay is indispensable when building cross beams and brackets for the suspension of air ducts.







Art. No.	Type	Length	Inner hose diameter	Packaging unit (VPE)
0859 502 001	27/18 + 28/30	30.0 m	8 mm	1 PCS
0859 502 002	38/40	30.0 m	10 mm	1 PCS



Punched mounting strip, plastic, non-welded

Product description:
Plastic sheath, non-welded, grey

Field of Application:
For suspending pipes and ventilation ducts or for securing heating pipes or conduits using concrete pins etc.



Art. No.	Width of band	Length	Thickness	Diameter of hole	Max. load force	Packaging unit (VPE)
0972 001 9	19.0 mm	10.0 m	0.75 mm	6.3 mm	1250 N	10 PCS

Plastic punched mounting strip

Product description:
Plastic sheath, welded, grey

Field of Application:
For suspending pipes and ventilation ducts and for fixing heating pipes or conduits using concrete pins etc.



Art. No.	Width of band	Length	Thickness	Diameter of hole	Max. load force	Packaging unit (VPE)
0972 019	19.0 mm	10.0 m	0.75 mm	6.3 mm	1250 N	10 PCS
0972 027	27.0 mm	10.0 m	0.75 mm	8.3 mm	2250 N	10 PCS

Punched mounting strip, galvanised

Product description:
Punched mounting strip with smooth edges, galvanised

Field of Application:
For suspending pipes and ventilation ducts and for fixing heating pipes and empty pipes using concrete pins etc.





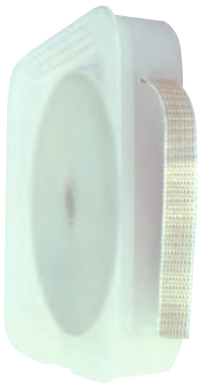
Art. No.	Width of band	Length	Material thickness	Diameter of hole	Max. load force	Packaging unit (VPE)
0972 12	12.0 mm	10.0 m	0.75 mm	5.3 mm	1300 N	10 PCS
0972 17	17.0 mm	25.0 m	0.75 mm	6.3 mm	1250 N	25 PCS
0972 25	25.0 mm	25.0 m	0.75 mm	8.3 mm	2250 N	25 PCS

Fabric tape with dispenser

Product description:
The recamo fabric tape with dispenser is ideal for floor mounting on unfinished floors. Simply secure pipes using the tape, concrete pin, type 0864 014 ... and a nail setting tool.

Advantages:
- Quick and soundproof mounting, rot-proof, corrosion protection

Advice:
VPE = 100 means 4 rolls x 25 m



Art. No.	Width of band	Length of roll	Packaging unit (VPE)
0864 300 015	15.0 mm	25.0 m	100 PCS
0864 300 023	23.0 mm	25.0 m	100 PCS

Nail setting tool with hand guard

Product description:
Nail setting tool for precise driving of concrete pins, hand guard made of special plastic

Application area:
Nail retained in nail setting tool - handle concrete pins using a nail setting tool otherwise hardened steel nails could split if struck incorrectly.
Caution: always wear safety glasses while working!

Advice:
Concrete pins generally may only be used for downward fixtures.



Art. No.	Packaging unit (VPE)
0864 000 1	1 PCS

Concrete pin impact tool RECA HIT

Product description:
Impact tool with SDSplus insertion end for inserting concrete pins with shaft diameter 4 mm.
Very easy to use: just place the pin in the mount, impact, done! The pin is secured by the rubber ring and cannot fall out. This fastening can be implemented effortlessly and in a comfortable working position. The usual nail setting tool thus becomes superfluous.



Field of Application:
Can be used with all SDSplus hammer drills with an impact power of at least 3 joules. For fastening concrete clamps, punched mounting strip, fabric tape, etc.



Advice:
Concrete pins generally may only be used for downward fixtures.

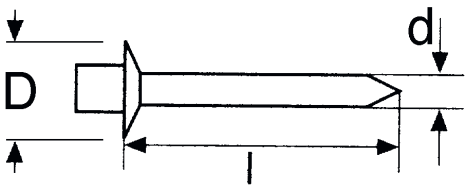
Art. No.	Packaging unit (VPE)
0864 1	1 PCS
0864 11	1 PCS

Concrete pins with 7.5-mm collar

Product description:
Concrete pins made of hardened steel,
driven in with nail setting tool 0864 000 1



Advice:
Concrete pins generally may only be used for downward fixtures.



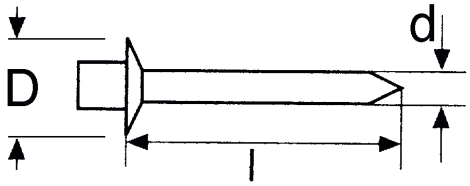
Art. No.	Stud diameter (d)	Head diameter (D)	Length (l)	Packaging unit (VPE)
0864 004 14	4.0 mm	7.5 mm	14.0 mm	200 PCS
0864 004 18	4.0 mm	7.5 mm	18.0 mm	200 PCS
0864 004 22	4.0 mm	7.5 mm	22.0 mm	200 PCS

Concrete pins with 10-mm collar

Product description:
Concrete pins made of hardened steel,
driven in with nail setting tool 0864 000 1

Advice:
Concrete pins generally may only be used for downward fixtures.





Art. No.	Stud diameter (d)	Head diameter (D)	Length (l)	Packaging unit (VPE)
0864 014 14	4.0 mm	10 mm	14.0 mm	200 PCS
0864 014 18	4.0 mm	10 mm	18.0 mm	200 PCS
0864 014 22	4.0 mm	10 mm	22.0 mm	200 PCS

Concrete clamps, single, galvanised

Product description:
Concrete clamps are mostly used in flooring and screed areas for:
- Plumbing pipes
- Electrical conduit



Art. No.	Suitable for pipe (PG)	Width of band	Thickness	Bore diameter	Package size	Packaging unit (VPE)
0864 135		20 mm	1.5 mm	6.1 mm	500	50 PCS
0864 116	PG 9	20 mm	1.5 mm	6.1 mm	1000	100 PCS
0864 118	PG 9	20 mm	1.5 mm	6.1 mm	1000	100 PCS
0864 120	PG 11	20 mm	1.5 mm	6.1 mm	800	100 PCS
0864 122	PG 13,5	20 mm	1.5 mm	6.1 mm	800	100 PCS
0864 124	PG 16	20 mm	1.5 mm	6.1 mm	1000	100 PCS
0864 128	PG 21	20 mm	1.5 mm	6.1 mm	1000	100 PCS

Concrete clamps, double, galvanised

Product description:
Concrete clamps are mostly used in flooring and screed areas for:
- Plumbing pipes
- Electrical conduit



Art. No.	Suitable for max. pipe external diameter	Suitable for pipe (PG)	Width of band	Thickness	Bore diameter	Package size	Packaging unit (VPE)
0864 216	16 mm	PG 9	20 mm	1.5 mm	6.1 mm	500	50 PCS
0864 218	18 mm	PG 9	20 mm	1.5 mm	6.1 mm	500	50 PCS
0864 220	20 mm	PG 11	20 mm	1.5 mm	6.1 mm	500	50 PCS
0864 222	22 mm	PG 13,5	20 mm	1.5 mm	6.1 mm	500	50 PCS
0864 224	24 mm	PG 16	20 mm	1.5 mm	6.1 mm	500	50 PCS

recamo ventilation duct sealing tape 20 m

Product description:
Temperature resistant from -30 to +80°C
Working temperature at least +5°C
B2 fire rating (according to DIN 4102)

Field of Application:
For sealing ventilation ducts and extractor systems, without cover film, halogen-free (not silicon-free), made from closed-cell, anthracite-coloured PE material, extremely easy to use.



Art. No.	Length of roll	Width	Thickness	Packaging unit (VPE)
0859 502 409	20.0 m	9.0 mm	4 mm	10 PCS
0859 502 412	20.0 m	12.0 mm	4 mm	10 PCS
0859 502 415	20.0 m	15.0 mm	4 mm	10 PCS

recamo cold shrink tape

Product description:
Double-layered tape based on butyl rubber
Technical data
Thickness: > 0.5 mm
Temperature resistance: -30 to +70°C
Working temperature: Ambient -10 to +45°C
Surface +1 to +45°C
Fire rating: B2
Adhesion on galvanised sheet metal: > 10 N/cm²



Advantages:
- Tear-resistant and mechanically durable so even bolt heads can be covered. UV-resistant when wrapped twice so also suitable for application outdoors.

Field of Application:
For permanent, airtight sealing of butt joints and sleeve joints in air ducts, spiral ducts and flexible pipes in ventilation systems. Highly flexible, supple, grey PE film for crease-free application.

Art. No.	Length of roll	Width	Package size	Packaging unit (VPE)
0859 502 515	15 m	50.0 mm	20	1 PCS

recamo air duct clamp, galvanised

Product description:
Simple fastening elements for mounting ventilation ducts and spiral seam pipes



Advantages:
- Perfect grip with points that bite into the material without leaving holes. V-seam in base plate for high rigidity

Field of Application:
Ventilation duct fasteners for connecting flange assemblies on low pressure and medium pressure systems, for large duct cross sections
M8 x 20 clamping screw

Art. No.	Packaging unit (VPE)
0859 500 820	200 PCS

recamo air duct bracket, galvanised

Product description:
Simple fastening elements for mounting ventilation ducts and spiral seam pipes

Advantages:
Galvanised
Noise protection to DIN 4109
Insulation element to Fire Class B 2
Embossed beads for torsion resistance and dimensional stability
Through hole in the insulation element for threaded rods M 8
Arm length with insulation element 40 mm
Material thickness 2.0 mm

Field of Application:
For fastening air ducts in ventilation and climate control systems. Quick and easy mounting thanks to pre-punched holes. Captive rubber insulation element secured to air duct bracket.

Advice:
Note: Secure threaded rods and threaded pieces with jam nuts. Maximum load: 200 N



Art. No.	Length	Width of band	Packaging unit (VPE)
0859 500 085	80.0 mm	35 mm	100 PCS



recamo air duct bracket, galvanised

Product description:
Simple fastening elements for mounting ventilation ducts and spiral seam pipes

Advantages:
Galvanised
Noise protection in line with DIN 4109
Insulation element in line with fire rating B 2
Warp-resistant and dimensionally stable thanks to embossed reinforcing seam
Through-hole in insulation element for M 8 threaded rods
Leg length with insulation element 40 mm
Leg length without insulation element (on type Z) 30 mm
Material thickness 2.0 mm

Field of Application:
For fastening air ducts in ventilation and climate control systems. Quick and easy mounting thanks to pre-punched holes. Captive rubber insulation element secured to air duct bracket.

Advice:
Note: Secure threaded rods and threaded pieces with jam nuts. Maximum load: 200 N

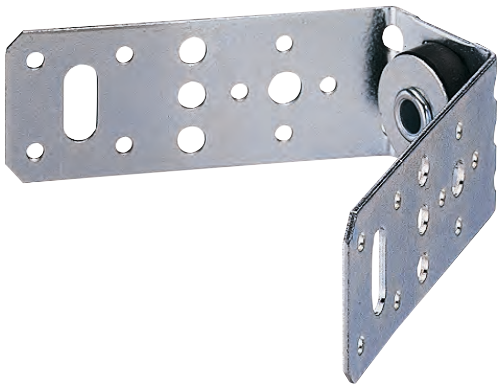


Art. No.	Packaging unit (VPE)
0859 500 60	100 PCS



recamo trapezoidal plate holder, ventilation, galvanised

Product description:
Simple fastening elements for mounting ventilation ducts and spiral seam pipes



Advantages:
Galvanised
Noise protection according to DIN 4109
Insulation element according to B 2 fire rating
Easily fitted to trapezoidal plate profile or pipe diameter by means of predetermined bending points
Through hole for M8 threaded rods

Field of Application:
For attaching spiral ducts in ventilation and air conditioning systems. Use 4 mm sealing rivets or 4.2 mm sebS drilling screws in case-hardened steel for attachment to trapezoidal plates.

Advice:
Note: Secure threaded rods and threaded pieces with jam nuts. Maximum permissible load of trapezoidal plate holder is 1300 N, however the retention force of the trapezoidal plate itself must be observed without fail.

Art. No.	Limb length	Width of band	Thickness	Packaging unit (VPE)
0859 501 008	105.0 mm	40 mm	2.0 mm	50 PCS





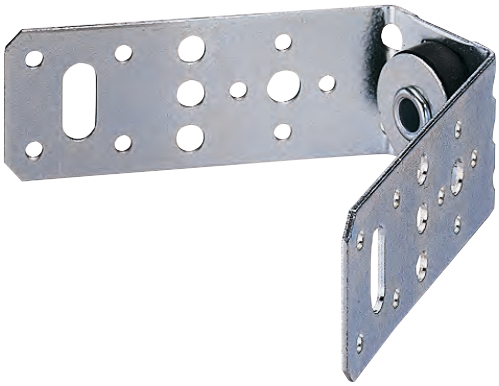
recamo ventilation pipe clamp, galvanised

Product description:
Simple fastening elements for mounting ventilation ducts and spiral seam pipes

Advantages:
Galvanised
Noise protection to DIN 4109
Insulation element to fire class B 2
Easily fitted to trapezoidal plate profile or pipe diameter by means of predetermined bending points
Through hole for M8 threaded rods
Holes for tapping screws (3.9 or 4.2 mm) and Sebs (4 mm)

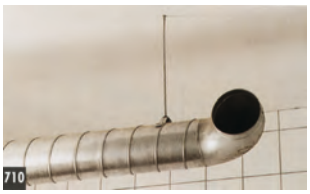
Field of Application:
For attaching spiral seam pipes in ventilation and air conditioning systems.

Advice:
Note: Secure threaded rods and threaded pieces with jam nuts. Maximum load 200 N.



Art. No.	Limb length	Width	Thickness	Packaging unit (VPE)
0859 501 010	105.0 mm	40.0 mm	2.0 mm	50 PCS





Zigzag mounting strips

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.



Art. No.	Length	Width	Thickness	Packaging unit (VPE)
0860 811 450	4.5 m	50.0 mm	4 mm	12 PCS

Noise protection profile PE

Product description:
One-sided self-adhesive PE strips for all bath tubs and shower trays
Special adhesive can be removed without trace
Edge protection prevents damage
Prevents ceramic cracks when screwing in place
Silicone-compatible, odourless



Art. No.	Length	Width	Thickness	Packaging unit (VPE)
0860 812 330	3.3 m	50.0 mm	4 mm	12 PCS
0860 813 330	3.3 m	70.0 mm	5 mm	12 PCS

Plumbing assembly tape

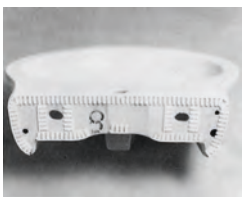
Product description:
For mounting toilets, sinks, washbasins, bidets etc.
Self-adhesive
Prevents ceramics splitting or cracking by levelling uneven floors and walls.
Can be adapted to any ceramic shape.
Fast, straightforward installation.
Hygienic, anti-bacterial surface.



Art. No.	Length	Packaging unit (VPE)
0905 900 030	500.0 mm	30 PCS







Toothed mounting rails, ZS type 41

Product description:
recamo toothed mounting rails are available in two different profile sizes (41/21 and 41/41), each in three different lengths (2, 3 and 6 m).

Application area:
The toothed mounting rail system is the best and most secure installation method for the medium and higher load ranges. Ideal for pipe installation, as a load bearing structure for ventilation ducts or as a support for wiring in electrical installation. Rails and brackets feature characteristic teeth inside the flanged section for secure attachment with lateral and vertical adjustment and



positive-fit connection of all attached and suspended parts. A fire test report can also be presented for the 41x41x2.5 rails, including the accessories, and for all double rails.

Field of Application:
Attachment to ceiling and wall:
The toothed mounting rail anchoring was not factored into the calculation of the loads. The required screws and/or anchors must be suitable for the maximum permissible rail load.
Load:
If channel nuts are used to mount the rails (in suspension), the load must not exceed the maximum permissible load for the channel nuts! The through-hole method should therefore be used to mount the rails for high loads.
The use of securing clips (M10 0858 641 011, M12 0858 641 012) is recommended for increased safety.

Advice:
Rails and double rails with 6 m length are sent separately as individual packed items. Please contact our internal sales team for information on applicable freight charges.

Art. No.	Type description	Material	Surface	Material thickness	Length	Weight per metre	Packaging unit (VPE)
0858 210 200	41/21	Steel	Galvanised	2.0 mm	2 m	1450 g	16 PCS
0858 210 300	41/21	Steel	Galvanised	2.0 mm	3 m	1450 g	3 PCS
0858 210 600	41/21	Steel	Galvanised	2.0 mm	6 m	1450 g	24 PCS
0858 210 601	41/21	Steel / steel	Galvanised	2.0 mm	6 m	1450	48 PCS
0858 210 602	41/21	Steel / steel	Galvanised	2.0 mm	6 m	1450	72 PCS
0858 410 200	41/41	Steel	Galvanised	2.0 mm	2 m	2100	8 PCS
0858 410 300	41/41	Steel	Galvanised	2.0 mm	3 m	2100	3 PCS
0858 410 600	41/41	Steel	Galvanised	2.0 mm	6 m	2100	24 PCS
0858 415 200	41/41	Steel	Galvanised	2.5 mm	2 m	2500	8 PCS
0858 415 300	41/41	Steel	Galvanised	2.5 mm	3 m	2500	3 PCS
0858 415 600	41/41	Steel	Galvanised	2.5 mm	6 m	2500	24 PCS
0858 410 601	41/41	Steel / steel	Galvanised	2.0 mm	6 m	2100	48 PCS
0858 410 602	41/41	Steel / steel	Galvanised	2.0 mm	6 m	2100	72 PCS
0858 415 601	41/41	Steel / steel	Galvanised	2.5 mm	6 m	2500	48 PCS
0858 415 602	41/41	Steel / steel	Galvanised	2.5 mm	6 m	2500	72 PCS

Accessories for ZS 41 toothed mounting rails

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
Small parts to supplement rail installations







Art. No.	Type description	Packaging unit (VPE)
0858 421	Rail end cap 41 x 21	25 PCS
0858 441	Rail end cap 41 x 41	25 PCS
0858 449	Rubber insert for toothed mounting rails 30 m	1 PCS

Wall brackets from the ZS 41 toothed mounting rail system

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
Robust toothed mounting rail brackets for pipework structures and equipment fixtures.



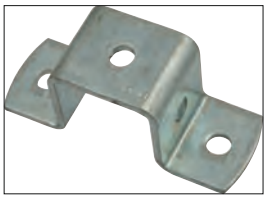
Art. No.	Type description	Length	Material thickness	Packaging unit (VPE)
0858 521 021	41/21	200 mm	2.0 mm	5 PCS
0858 521 031	41/21	300 mm	2.0 mm	5 PCS
0858 521 045	41/21	450 mm	2.0 mm	5 PCS
0858 521 063	41/21	600 mm	2.0 mm	5 PCS
0858 541 021	41/41	210 mm	2.5 mm	5 PCS
0858 541 031	41/41	300 mm	2.5 mm	10 PCS
0858 541 045	41/41	450 mm	2.5 mm	10 PCS
0858 544 45	41/41	600 mm		1 PCS
0858 541 350	41/41	600 mm	2.5 mm	1 PCS
0858 541 063	41/41	600 mm	2.5 mm	8 PCS
0858 541 077	41/41	750 mm	2.5 mm	1 PCS
0858 541 101	41/41	1000 mm	2.5 mm	1 PCS

ZS 41 securing elements

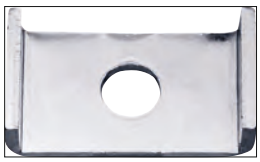
Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
Supplementary elements designed specifically for the ZS 41 toothed mounting rail system.











Art. No.	Type description	Material thickness	Packaging unit (VPE)
0858 641 300	Bridge flange Vario		1 PCS
0858 641 410	Flange clamp M 10		20 PCS
0858 641 021	Rail bracket, type 21	6 mm	25 PCS
0858 641 041	Rail bracket, type 41	6 mm	25 PCS
0858 641 200	Rail connector 160 mm	5 mm	10 PCS
0858 641 164	Rail connector type 41 premounted	6 mm	10 PCS
0858 641 421	Rail lug, type 21	4 mm	1 PCS
0858 641 441	Rail lug, type 41	6 mm	1 PCS
0858 641 011	Securing clip M10	4 mm	50 PCS
0858 641 012	Securing clip M12	4 mm	50 PCS

Channel nuts for ZS 41

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
Sturdy channel nuts for further attachments to the ZS 41 toothed mounting rail system



Art. No.	Type description	Thread type x nominal diameter	Length	Width	Thickness	Packaging unit (VPE)
0858 741 608			34 mm	19 mm	6.0 mm	100 PCS
0858 741 610			34 mm	19 mm	8.0 mm	100 PCS
0858 741 612			34 mm	19 mm	9.0 mm	100 PCS
0858 741 706			34 mm	21.5 mm	5.0 mm	100 PCS
0858 741 708			34 mm	21.5 mm	6.0 mm	100 PCS
0858 741 710			34 mm	21.5 mm	8.0 mm	100 PCS
0858 741 712			34 mm	21.5 mm	8.0 mm	100 PCS
0858 741 806	41/21 and 41/41	M6	35 mm	20 mm	6 mm	100 PCS

Angle connector for toothed mounting rails

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
The toothed mounting rail system is the best and most secure installation method for the medium and higher load ranges. Ideal for pipe installation, as a load bearing structure for ventilation ducts or as a support for wiring in electrical installation. Rails and brackets feature characteristic teeth inside the flanged section for secure attachment with lateral and vertical adjustment and positive-fit connection of all attached and suspended parts. A fire test report can also be presented for the 41x41x2.5 rails, including the accessories, and for all double rails.



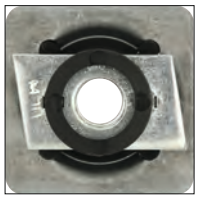
Art. No.	Angle	Limb length x limb length 2	Width	Material thickness	Packaging unit (VPE)
0858 641 125	45	100 x 70 mm	40 mm	6 mm	25 PCS
0858 641 105	90	50 x 50 mm	40 mm	6 mm	50 PCS
0858 641 109	90	90 x 90 mm	40 mm	6 mm	25 PCS
0858 641 115	135	50 x 85 mm	40 mm	6 mm	25 PCS
0858 641 119	135	90 x 90 mm	40 mm	6 mm	25 PCS

Quick fastener for toothed mounting rails (type 41)

Product description:
The recamo mounting rail system consists of various rails and accessory parts in four sizes: light-duty type 27, medium-duty type 28, medium-heavy-duty type 38 and lastly the heavy-duty domestic engineering type 40. The recamo toothed rack system completes the range with 2 profile sizes and an assortment of accessories.

Application area:
The toothed mounting rail system is the best and most secure installation method for the medium and higher load ranges. Ideal for pipe installation, as a load bearing structure for ventilation ducts or as a support for wiring in electrical installation. Rails and brackets feature characteristic teeth inside the flanged section for secure attachment with lateral and vertical adjustment and positive-fit connection of all attached and suspended parts. A fire test report can also be presented for the 41x41x2.5 rails, including the accessories, and for all double rails.







Art. No.	Thread type x nominal diameter	Packaging unit (VPE)
0858 741 908	M8	50 PCS
0858 741 910	M10	50 PCS
0858 741 912	M12	50 PCS





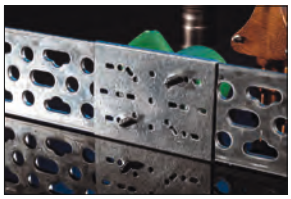
Leifeld rail and fixing plate

Product description:
Easy to align and extremely low cost rail system for on-wall installation including processing tools and accessories. Supplied as 2 m pipe lengths, 3 mm thick.

Field of Application:
All common plumbing dimensions can be used with this rail system: 80/100/120/153/160 mm etc. Suitable for almost all system connection sockets and brackets. Ideal for cementing and screw fastening, particularly in Poroton and aerated concrete. Reliable, twist-proof installation in lightweight and wooden wall structures even in adverse situations. Quick assembly of brackets



for heating distributors and pipe lines as well as space-saving suspension of pipe pairs one below the other.



Art. No.	Type description	Length	Width	Thickness	Packaging unit (VPE)
0860 128 0	Fixing plates 50 x 70 mm	70.0 mm	50.0 mm	3 mm	50 PCS
0860 120 01	Leifeld rail 2 m x 50 mm x 3 mm	2000.0 mm	50.0 mm	3 mm	20 PCS







Leifeld bending pliers

Product description:
Easy to align and extremely low cost rail system for on-wall installation including processing tools and accessories. Supplied as 2 m pipe lengths, 3 mm thick.

Field of Application:
All common plumbing dimensions can be used with this rail system: 80/100/120/153/160 mm etc. Suitable for almost all system connection sockets and brackets. Ideal for cementing and screw fastening, particularly in Poroton and aerated concrete. Reliable, twist-proof installation in lightweight and wooden wall structures even in adverse situations. Quick assembly of brackets for heating distributors and pipe lines as well as space-saving suspension of pipe pairs one below the other.



Art. No.	Packaging unit (VPE)
0860 125	1 PCS

Leifeld sound shield

Product description:
Easy to align and extremely low cost rail system for on-wall installation including processing tools and accessories. Supplied as 2 m pipe lengths, 3 mm thick.

Field of Application:
All common plumbing dimensions can be used with this rail system: 80/100/120/153/160 mm etc. Suitable for almost all system connection sockets and brackets. Ideal for cementing and screw fastening, particularly in Poroton and aerated concrete. Reliable, twist-proof installation in lightweight and wooden wall structures even in adverse situations. Quick assembly of brackets for heating distributors and pipe lines as well as space-saving suspension of pipe pairs one below the other.



Art. No.	Packaging unit (VPE)
0860 129 0	20 PCS

Leifeld protective cap

Product description:
Easy to align and extremely low cost rail system for on-wall installation including processing tools and accessories. Supplied as 2 m pipe lengths, 3 mm thick.

Field of Application:
All common plumbing dimensions can be used with this rail system: 80/100/120/153/160 mm etc. Suitable for almost all system connection sockets and brackets. Ideal for cementing and screw fastening, particularly in Poroton and aerated concrete. Reliable, twist-proof installation in lightweight and wooden wall structures even in adverse situations. Quick assembly of brackets for heating distributors and pipe lines as well as space-saving suspension of pipe pairs one below the other.



Art. No.	Packaging unit (VPE)
0860 129 5	20 PCS

Leifeld assorted fastening equipment

Product description:
Easy to align and extremely low cost rail system for on-wall installation including processing tools and accessories. Supplied as 2 m pipe lengths, 3 mm thick.

Field of Application:
All common plumbing dimensions can be used with this rail system: 80/100/120/153/160 mm etc. Suitable for almost all system connection sockets and brackets. Ideal for cementing and screw fastening, particularly in Poroton and aerated concrete. Reliable, twist-proof installation in lightweight and wooden wall structures even in adverse situations. Quick assembly of brackets for heating distributors and pipe lines as well as space-saving suspension of pipe pairs one below the other.



Art. No.	Packaging unit (VPE)
0860 123	1 PCS

Qmatic Click - pipe clamp steel galvanised

Extremely simple installation!

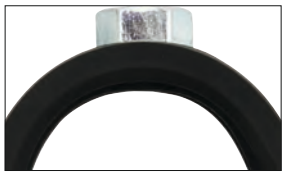
Product description:
Compact design, top-quality pipe clamp with extremely wide opening angle.
Strip material 20 x 1.5 mm, galvanised.
Patented click mechanism made of spring steel facilitates secure single-handed mounting from any position.
Metric M5 clamping screw with large head, good anti-slip properties; also features a notch to prevent it from falling out.
M8 connection nut, welded at four points and with a safety hole to prevent it from working loose.
EPDM rubber profile for easy gliding. Soundproofing according to DIN 4109.
Secure grip, non-slip due to notches in the seams of the pipe clamp body.
Supplied in practical dispenser box - ideal for storage!











Art. No.	Min./max. clamping width	Max. clamping width (inches)	Metal-band width x metal-band thickness	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Connection thread	Max. load force	Packaging unit (VPE)
0863 011 015	11-15 mm	1/4	20.0 x 1.0 mm	12/15 mm	13.5 mm	M8	800 N	150 PCS
0863 015 019	15-19 mm	3/8	20.0 x 1.0 mm	18 mm	17.2 mm	M8	800 N	150 PCS
0863 021 023	21-23 mm	1/2	20.0 x 1.0 mm	22 mm	21.3 mm	M8	800 N	150 PCS
0863 026 028	26-28 mm	3/4	20.0 x 1.0 mm	28 mm	26.9 mm	M8	800 N	100 PCS
0863 032 035	32-35 mm	1	20.0 x 1.0 mm	35 mm	33.7 mm	M8	800 N	100 PCS
0863 040 043	40-43 mm	5/4	20.0 x 1.5 mm	42 mm	42.4 mm	M8	1500 N	75 PCS
0863 048 051	48-51 mm		20.0 x 1.5 mm	48 mm	48.3 mm	M8	1500 N	50 PCS
0863 052 056	52-56 mm		20.0 x 1.5 mm	54 mm	54 mm	M8	1500 N	50 PCS
0863 057 060	57-60 mm	2	20.0 x 1.5 mm	57 mm	60.3 mm	M8	1500 N	50 PCS
0863 062 064	62-64 mm		20.0 x 1.5 mm	64 mm	63.5 mm	M8	1500 N	50 PCS
0863 074 080	74-80 mm	5/2	20.0 x 1.5 mm	76 mm	76.1 mm	M8	1500 N	25 PCS
0863 083 091	83-91 mm	3	20.0 x 1.5 mm	89 mm	88.9 mm	M8	1500 N	25 PCS
0863 095 098	95-98 mm		20.0 x 1.5 mm			M8	1500 N	25 PCS
0863 108 114	108-114 mm	4	20.0 x 1.5 mm	114 mm	108 mm	M8 x M10	1800 N	20 PCS



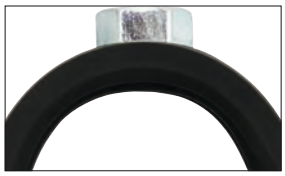
Qmatic Click pipe clamp, A4 stainless steel

Extremely simple installation!

Product description:
Compact, top-quality pipe clamp in A4 stainless steel with extremely wide opening angle.
Patented click mechanism made of spring steel facilitates secure single-handed mounting from any position.
Metric M5 clamping screw with large head, good anti-slip properties; also features a notch to prevent it from falling out.
M8 connection nut, welded at four points and with a safety hole to prevent it from working loose.
EPDM rubber profile for easy gliding. Secure grip, non-slip due to notches in the seams of the pipe clamp body.





Art. No.	Min./max. clamping width	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Max. load force	Packaging unit (VPE)
0867 011 015	11-15 mm	12/15 mm	13.5 mm	800 N	50 PCS
0867 015 019	15-19 mm	18 mm	17.2 mm	800 N	50 PCS
0867 021 023	21-23 mm	22 mm	21.3 mm	800 N	50 PCS
0867 026 028	26-28 mm	28 mm	26.9 mm	800 N	50 PCS
0867 032 035	32-35 mm	35 mm	33.7 mm	800 N	40 PCS
0867 040 043	40-43 mm	42 mm	42.4 mm	1500 N	30 PCS
0867 048 051	48-51 mm	48 mm	48.3 mm	1500 N	30 PCS
0867 052 056	52-56 mm	54 mm	54 mm	1500 N	30 PCS
0867 057 060	57-60 mm	57 mm	57 mm	1500 N	20 PCS
0867 062 064	62-64 mm	64 mm	63.5 mm	1500 N	20 PCS
0867 074 080	74-80 mm	76 mm	70 mm	1500 N	20 PCS
0867 083 091	83-91 mm	89 mm	88.9 mm	1500 N	5 PCS
0867 108 114	108-114 mm	114 mm	108 mm	1800 N	5 PCS

RECA Qmatic+ PREMIUM heavy duty pipe clamp

Click-action pipe clamp for single-handed mounting for heavier loads

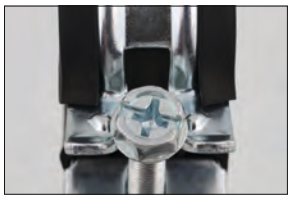
Product description:
Compact design, top-quality pipe clamp with extremely wide opening angle.
Capable of bearing extreme loads.
Strip material 25 x 2.0 mm, galvanised.
Patented click mechanism made of spring steel facilitates secure single-handed mounting from any position.
Metric M6 clamping screw (M8 for 4") with large head and combined slot, good anti-slip properties; also features bumps to prevent it from falling out.
M8/M10 combination connection nut, welded all round and with a safety hole to prevent it from working loose.
EPDM rubber profile with air ducts for easy gliding.
Minimum soundproofing at 3 bar flow pressure 25.5 db(A)
Average soundproofing at 1–6 bar flow pressure 23.2 db (A)



Field of Application:
For state-of-the-art soundproofed mounting of pipes in accordance with DIN 4109, for use in domestic properties as well as industrial builds and projects

Advice:
A safe option thanks to the high permissible loads and reliable production methods.
Also suitable for heavier loads thanks to the fully welded connection nut, solid construction and steel quality.







Art. No.	Min./max. clamping width	Max. clamping width (inches)	Metal-band width x metal-band thickness	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Connection thread	Max. load force	Breaking load	Packaging unit (VPE)
0863 315 020	15-20 mm	3/8	25.0 x 2.0 mm	18 mm	17.2 mm	M8 x M10	1900 N	2100 N	125 PCS
0863 321 025	21-25 mm	1/2	25.0 x 2.0 mm	22 mm	21.3 mm	M8 x M10	1900 N	2100 N	120 PCS
0863 326 030	26-30 mm	3/4	25.0 x 2.0 mm	28 mm	26.9 mm, 28.3 mm	M8 x M10	1900 N	2100 N	100 PCS
0863 331 035	31-35 mm	1	25.0 x 2.0 mm	35 mm	33.7 mm	M8 x M10	1900 N	2100 N	95 PCS
0863 340 043	40-43 mm	5/4	25.0 x 2.0 mm	42 mm	42.4 mm	M8 x M10	2500 N	2600 N	75 PCS
0863 344 048	44-48 mm		25.0 x 2.0 mm	48 mm		M8 x M10	2500 N	2600 N	60 PCS
0863 348 051	48-51 mm		25.0 x 2.0 mm		48.3 mm	M8 x M10	2500 N	2600 N	55 PCS
0863 352 056	52-56 mm		25.0 x 2.0 mm	54 mm		M8 x M10	2500 N	2600 N	50 PCS
0863 357 061	57-61 mm	2	25.0 x 2.0 mm	57 mm, 60 mm	57 mm	M8 x M10	3000 N	3100 N	50 PCS
0863 362 065	62-65 mm		25.0 x 2.0 mm	64 mm	63.5 mm	M8 x M10	3000 N	3100 N	45 PCS
0863 373 077	73-77 mm		25.0 x 2.0 mm	76 mm	76.1 mm	M8 x M10	3000 N	3100 N	35 PCS
0863 383 090	83-90 mm	3	25.0 x 2.0 mm	89 mm	88.9 mm	M8 x M10	3000 N	3100 N	25 PCS
0863 408 115	108-115 mm	4	25.0 x 2.0 mm	114 mm	114.3 mm	M8 x M10	3400 N	3500 N	20 PCS

2-screw pipe clamp, steel, galvanised

Easy to handle with fast and secure mounting!

Product description:
recamo 2-screw pipe clamp with hook closure and EPDM soundproofing inlay

Advice:
Enhanced stability thanks to rolled seam, soundproofing inlay in high quality EPDM compliant with DIN 4109, combination connection nut M8/M10, temperature range from -50°C to +110°C



Art. No.	Min./max. clamping width	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Max. load force	Packaging unit (VPE)
0862 810 015	12-15 mm	12 mm	13.5 mm	1000 N	150 PCS
0862 810 019	15-19 mm	18 mm	17.2 mm	1000 N	150 PCS
0862 810 025	20-25 mm	22 mm	21.3 mm	1000 N	150 PCS
0862 810 030	25-30 mm	28 mm	26.9 mm	1000 N	100 PCS
0862 810 037	33-37 mm	35 mm	33.7 mm	1000 N	100 PCS
0862 810 046	42-46 mm	42 mm	42.4 mm	1000 N	50 PCS
0862 810 052	47-52 mm	48 mm	48.3 mm	1000 N	50 PCS
0862 810 058	54-58 mm			1000 N	50 PCS
0862 810 063	59-63 mm	57 mm	57 mm	1000 N	50 PCS
0862 810 073	68-73 mm	64 mm		1150 N	25 PCS
0862 810 080	72-80 mm	70 mm	76.1 mm	1150 N	25 PCS
0862 810 085	82-85 mm			1150 N	25 PCS
0862 810 092	88-92 mm	89 mm	88.9 mm	1150 N	25 PCS
0862 810 103	99-103 mm	0 - not applicable	101.6 mm	1300 N	15 PCS
0862 810 112	108-112 mm			1300 N	15 PCS
0862 810 118	112-118 mm	114 mm	114.3 mm	1300 N	15 PCS
0862 810 130	125-130 mm	125 mm		1300 N	15 PCS
0862 810 137	133-137 mm			1300 N	15 PCS
0862 810 142	137-142 mm		139.7 mm	1300 N	15 PCS
0862 810 164	159-164 mm	159 mm	160 mm	1300 N	5 PCS
0862 810 169	164-169 mm			1300 N	5 PCS

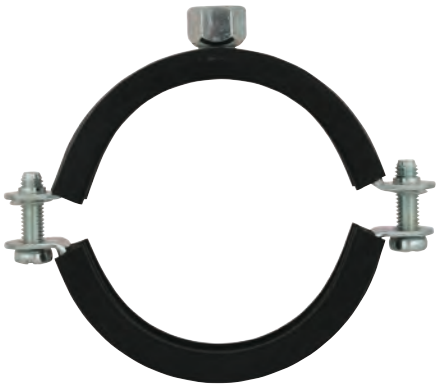


Heavy-duty pipe clamps, steel galvanised

Strong pipe clamp for large loads!

Product description:
High-quality heavy-duty clamp with EPDM soundproofing inlay to DIN 4109
Temperature range from -50° to +110°C
With combi-nut connection M8/M10 or M10/M12
Screw plugs with captive locking device
Soundproofing improvement up to 22 dB (A)

Advice:
Fire protection certified!



Art. No.	Min./max. clamping width	Max. clamping width (inches)	Connection thread	Width of band	Thickness of tape	Max. load force	Packaging unit (VPE)
0862 014 020	14-20 mm	3/8	M8 x M10	20 mm	2.0 mm	1500 N	25 PCS
0862 020 026	21-26 mm	1/2	M8 x M10	20 mm	2.0 mm	1500 N	25 PCS
0862 026 030	26-30 mm	3/4	M8 x M10	20 mm	2.0 mm	1500 N	25 PCS
0862 032 038	31-38 mm	1	M8 x M10	20 mm	2.0 mm	1500 N	25 PCS
0862 035 042	35-42 mm		M10 x M12	20 mm	2.0 mm	1500 N	25 PCS
0862 040 046	40-47 mm	1-1/4	M10 x M12	20 mm	2.0 mm	1500 N	25 PCS
0862 048 054	48-54 mm	1-1/2	M10 x M12	20 mm	2.0 mm	1500 N	25 PCS
0862 054 060	54-60 mm		M10 x M12	20 mm	2.0 mm	1500 N	25 PCS
0862 060 066	60-66 mm	2	M10 x M12	20 mm	2.0 mm	1500 N	25 PCS
0862 063 068	63-68 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 068 073	68-73 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 072 080	73-80 mm	2-1/2	M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 082 086	82-87 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 088 092	87-94 mm	3	M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 099 103	99-104 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 108 112	105-112 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 112 118	112-118 mm	4	M10 x M12	25 mm	2.5 mm	3100	10 PCS
0862 125 130	122-128 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 133 137	132-137 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 137 142	137-142 mm	5	M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 142 148	142-148 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 149 156	149-156 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 159 164	159-164 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 164 169	164-169 mm	6	M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 169 172	169-172 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 177 183	177-183 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS
0862 197 203	197-203 mm		M10 x M12	25 mm	2.5 mm	3100 N	10 PCS

Pipe clamp, steel galvanised with quick-release fastener

Product description:
High-quality pipe clamp with EPDM soundproofing inlay and quick-release fastener. Up to 200 mm diameter with high step nut M8/M10 as connecting thread, from 224 to 400 mm with combi cap nut M8/M10, size 13.

Field of Application:
The dimensions are aligned with ventilation pipe and spiral seam pipe sizes. Temperature resistance from -50°C to +110°C.

Advice:
Average noise level improvement of 18 dB (A)



Art. No.	Nominal width	Width of band	Thickness of tape	Max. load force	Packaging unit (VPE)
0862 400 080	80 mm	25.0 mm	1.25 mm	600 N	100 PCS
0862 400 100	100 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 112	112 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 125	125 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 140	140 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 150	150 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 160	160 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 180	180 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 400 200	200 mm	25.0 mm	1.25 mm	600 N	50 PCS
0862 410 224	224 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 250	250 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 280	280 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 300	300 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 315	315 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 355	355 mm	25.0 mm	1.5 mm	600 N	50 PCS
0862 410 400	400 mm	25.0 mm	1.5 mm	600 N	50 PCS



Rapid SML connector

Product description:
For rapid push-fit mounting during installation. Simple mounting of connector thanks to pre-mounted, slip-proof EPDM sealing insert. Close using simple size 6 Allen key, no torque wrench or special tool needed. Powerful clamping effect enables pipe sections and fittings to be pre-assembled on the floor. No tightening torque necessary as block approach is used (the two clamping jaws must touch each other).

Application area:
For secure and simple connection of sleeveless cast pipes and fittings in line with DIN 19522



Art. No.	DN nominal width	Packaging unit (VPE)
0861 001 050	DN 50	100 PCS
0861 001 070	DN 70	100 PCS
0861 001 080	DN 80	100 PCS
0861 001 100	DN 100	100 PCS
0861 001 125	DN 125	70 PCS
0861 001 150	DN 150	50 PCS

2-lug clamp, steel, galvanised

Product description:
OETIKER 2-lug clamps are suitable for OEMs and manufacturers, as well as for maintenance, repair and service work. This clamp type reliably connects rubber hoses, plastic pipes, electric cables, welded hoses and other materials. For single use.



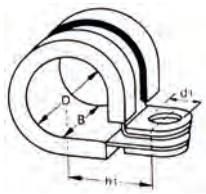
Art. No.	Min./max. clamping width	Packaging unit (VPE)
0539 000 709	7.0-9.0 mm	100 PCS
0539 000 811	8.0-11.0 mm	100 PCS
0539 000 911	9.0-11.0 mm	100 PCS
0539 001 113	11.0-13.0 mm	100 PCS
0539 001 315	13.0-15.0 mm	100 PCS
0539 001 518	15.0-18.0 mm	100 PCS
0539 001 517	15.0-17.0 mm	100 PCS
0539 001 619	16.0-19.0 mm	100 PCS
0539 001 720	17.0-20.0 mm	100 PCS

Pipe clamp, steel galvanised with rubber profile RSGU

Product description:
Reinforced strap ends (doubled over) prevents items from being pulled out or becoming loose at the attachment point
High-strength strap material with tough zinc coating offers long-term, reliable corrosion protection
High-quality rubber profile with edge protection provides optimum vibration damping in the clamping area at the attachment point
Properties of EPDM rubber profile:
Temperature resistance: -40°C to +120°C
Weather and ozone resistance: very good
Resistance to alcohol, alkaline and acid: good
Resistance to petrol, oil and grease: limited

Field of Application:
For securing pipes, cables, lines, hoses etc. to engine blocks, bodywork, supports, assemblies, machines and devices





Art. No.	Nominal diameter	Width of band	Drill hole	Distance centre of pipe to centre of hole	Packaging unit (VPE)
0542 6 12	6.0 mm	12.0 mm	5 mm	11.0 mm	100 PCS
0542 6 15	6.0 mm	15.0 mm	6 mm	14.2 mm	100 PCS
0542 8 15	8 mm	15.0 mm	6 mm	15.2 mm	100 PCS
0542 8 12	8.0 mm	12.0 mm	5 mm	12.0 mm	100 PCS
0542 10 12	10 mm	12.0 mm	5 mm	11.0 mm	50 PCS
0542 10 15	10 mm	15.0 mm	6 mm	16.2 mm	50 PCS
0542 12 12	12 mm	12.0 mm	5 mm	14.0 mm	50 PCS
0542 12 15	12 mm	15.0 mm	6 mm	17.2 mm	50 PCS
0542 15 12	15 mm	12.0 mm	5 mm	15.5 mm	50 PCS
0542 15 15	15 mm	15.0 mm	6 mm	18.7 mm	50 PCS
0542 15 20	15 mm	20.0 mm	8 mm	22.0 mm	25 PCS
0542 18 15	18 mm	15.0 mm	6 mm	20.2 mm	25 PCS
0542 18 20	18 mm	20.0 mm	8 mm	23.5 mm	25 PCS
0542 20 15	20 mm	15.0 mm	6 mm	21.2 mm	25 PCS
0542 20 20	20 mm	20.0 mm	8 mm	24.5 mm	25 PCS
0542 22 15	22 mm	15.0 mm	6 mm	22.2 mm	25 PCS
0542 25 15	25 mm	15.0 mm	6 mm	23.7 mm	25 PCS
0542 25 20	25 mm	20.0 mm	8 mm	27.0 mm	25 PCS
0542 30 15	30 mm	15.0 mm	6 mm	26.2 mm	25 PCS
0542 30 20	30 mm	20.0 mm	6 mm	29.5 mm	25 PCS
0542 35 15	35 mm	15.0 mm	6 mm	28.7 mm	25 PCS
0542 40 20	40 mm	20.0 mm	8 mm	34.5 mm	25 PCS

Hose clamps, stainless steel A2 with worm thread

Product description:
Hose clamps made from A2 stainless steel with galvanised steel bolt, combination slotted/hexagonal bolt and worm thread



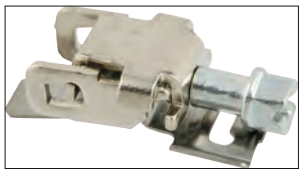
Art. No.	Min./max. clamping width	Min./max. clamping width (inches)	Thickness of tape	Width across flats	Packaging unit (VPE)
0539 08 16	8-16 mm	5/16-5/8 in	0.6 mm	7 mm	50 PCS
0539 08 12	8-12 mm	5/16-1/2 in	0.6 mm	6 mm	50 PCS
0539 010 16	10-16 mm	3/8-5/8 in	0.6 mm	6 mm	50 PCS
0539 012 20	12-20 mm	1/2-3/4 in	0.7 mm	7 mm	50 PCS
0539 016 25	16-25 mm	5/8-1 in	0.7 mm	7 mm	50 PCS
0539 020 32	20-32 mm	3/4-1-1/4 in	0.7 mm	7 mm	50 PCS
0539 025 40	25-40 mm	1-1-5/8 in	0.7 mm	7 mm	25 PCS
0539 032 50	32-50 mm	1-1/4-2 in	0.7 mm	7 mm	25 PCS
0539 040 60	40-60 mm	1-5/8-2-3/8 in	0.7 mm	7 mm	25 PCS
0539 050 70	50-70 mm	2-2-3/4 in	0.7 mm	7 mm	25 PCS
0539 060 80	60-80 mm	2-3/8-3-1/8 in	0.7 mm	7 mm	25 PCS
0539 070 90	70-90 mm	2-3/4-3-1/2 in	0.7 mm	7 mm	25 PCS
0539 080 100	80-100 mm	3-1/8-4 in	0.7 mm	7 mm	25 PCS
0539 090 110	90-110 mm	3-1/2-4-3/8 in	0.7 mm	7 mm	10 PCS
0539 010 120	100-120 mm	4-4-3/4 in	0.7 mm	7 mm	10 PCS

Hose clamp strap A2, with accessories

Product description:
Complete system with strap and connector made from stainless steel for rapid installation of suspensions in individual sizes

Advice:
Strap dimensions:
Roll length 30 m
Width 9.0 mm
Thickness 0.6 mm





Art. No.	Packaging unit (VPE)
0859 530 1	1 PCS
0859 530 2	25 PCS

Hose clamps, A4 stainless steel

Product description:
Strap, housing and bolt made from A4 stainless steel, acid and weather resistant, slotted/hexagonal bolt, worm thread

Application area:
Exterior areas, food processing (kitchens, butchers, bakers etc.), industry



Art. No.	Min./max. clamping width	Min./max. clamping width (inches)	Width of band	Thickness of tape	Width across flats	Packaging unit (VPE)
0538 008 016	8-16 mm	5/16-5/8 in	9 mm	0.6 mm	7 mm	25 PCS
0538 012 020	12-20 mm	1/2-3/4 in	9 mm	0.7 mm	7 mm	25 PCS
0538 016 025	16-25 mm	5/8-1 in	9 mm	0.7 mm	7 mm	25 PCS
0538 020 032	20-32 mm	3/4-1-1/4 in	9 mm	0.7 mm	7 mm	25 PCS
0538 025 040	25-40 mm	1-1-1/2 in	9 mm	0.7 mm	7 mm	25 PCS
0538 032 050	32-50 mm	1-1/4-2 in	9 mm	0.7 mm	7 mm	25 PCS
0538 040 060	40-60 mm	1-5/8-2-3/8 in	9 mm	0.7 mm	7 mm	25 PCS
0538 050 070	50-70 mm	2-2-3/4 in	9 mm	0.7 mm	7 mm	25 PCS
0538 060 080	60-80 mm	2-3/8-3-1/8 in	9 mm	0.7 mm	7 mm	25 PCS
0538 070 090	70-90 mm	2-3/4-3-1/2 in	9 mm	0.7 mm	7 mm	25 PCS
0538 080 100	80-100 mm	3-1/8-4 in	9 mm	0.7 mm	7 mm	25 PCS

Breeze hose clamps AERO

Product description:
Strap and housing made from A2 stainless steel, bolt: Galvanised steel, slotted/ hexagonal bolt, worm thread

Application area:
For connections in ventilation, water and hydraulic areas in industry, plant engineering and vehicle construction, general tradesmen and domestic use

Advice:
Hose clamp with large bandwidth 14.3 mm



Art. No.	Min./max. clamping width	Min./max. clamping width (inches)	Thickness of tape	Width across flats	Packaging unit (VPE)
0547 11 20	12-22 mm	1/2-7/8 in	0.6 mm	8 mm	25 PCS
0547 16 25	16-27 mm	5/8-11/16 in	0.6 mm	8 mm	25 PCS
0547 20 32	20-32 mm	3/4-1-1/4 in	0.6 mm	8 mm	25 PCS
0547 25 40	25-40 mm	1-1-5/8 in	0.6 mm	8 mm	25 PCS
0547 32 50	35-50 mm	1-3/8-2 in	0.6 mm	8 mm	25 PCS
0547 40 60	40-60 mm	1-5/8-2-3/8 in	0.6 mm	8 mm	10 PCS
0547 50 70	50-70 mm	2-2-3/4 in	0.6 mm	8 mm	10 PCS
0547 60 80	60-80 mm	2-3/8-3-1/8 in	0.6 mm	8 mm	10 PCS
0547 70 90	70-90 mm	2-3/4-3-1/2 in	0.6 mm	8 mm	10 PCS
0547 80 100	80-100 mm	3-1/8-4 in	0.6 mm	8 mm	10 PCS
0547 90 110	90-110 mm	3-1/2-4-3/8 in	0.6 mm	8 mm	10 PCS
0547 100 120	100-120 mm	4-4-3/4 in	0.6 mm	8 mm	10 PCS
0547 110 130	110-130 mm	4-3/8-5-1/8 in	0.6 mm	8 mm	10 PCS
0547 120 140	120-140 mm	4-3/4-5-1/2 in	0.6 mm	8 mm	10 PCS
0547 130 150	130-150 mm	5-1/8-5-7/8 in	0.6 mm	8 mm	10 PCS
0547 150 170	150-170 mm	6-7 in	0.6 mm	8 mm	10 PCS
0547 160 180	160-180 mm	6-7 in	0.6 mm	8 mm	5 PCS
0547 190 210	190-210 mm	7-8 in	0.6 mm	8 mm	5 PCS
0547 250 270	250-270 mm	10-11 in	0.6 mm	8 mm	5 PCS

Plastic clip

Product description:
Temperature resistance from -30°C to +120°C
Inserted M6 brass sleeve ensures sturdy fastening without risk of being pulled out
The brass thread is continuous from a nominal width of 12 mm; the thread sleeve is not continuous with a nominal width of 8 mm and 10 mm
Elastic, flexible arms make it easy to push in pipes, cables or hoses
Material: Polypropylene PPH
Colour: white

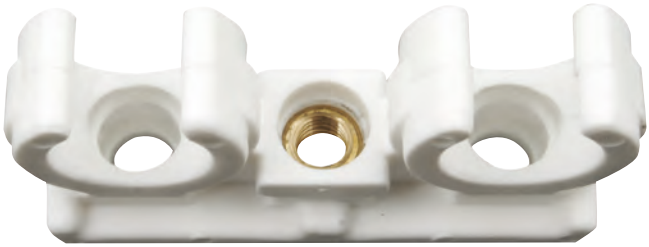
Application area:
For secure and quick attachment of pipes, cables and hoses
simply by pressing them in.
Straightforward mounting using nail anchors with M6 connecting thread



Art. No.	Nominal width	Pipe diameter	Suitable for steel pipe, DN nominal width	Packaging unit (VPE)
0861 660 800	8 mm			50 PCS
0861 661 000	10 mm	6 mm	DN.. 6..	50 PCS
0861 661 200	12 mm	8 mm		50 PCS
0861 661 415	15 mm	10 mm	DN.. 8..	50 PCS
0861 661 618	18 mm	12 mm	DN.. 10..	50 PCS
0861 662 022	22 mm	15 mm	DN.. 15..	25 PCS

Plastic clip, double

Product description:
Temperature resistance from -30°C to +120°C
Inserted M6 brass sleeve ensures sturdy fastening without risk of being pulled out
Elastic, flexible arms make it easy to push in pipes, cables or hoses
Material: Polypropylene PPH
Colour: white



Application area:
For secure and quick attachment of pipes, cables and hoses simply by pressing them in.
Straightforward mounting using nail anchors with M6 connecting thread

Art. No.	Nominal width	Pipe diameter	Suitable for steel pipe, DN nominal width	Packaging unit (VPE)
0861 761 415	15 mm	10 mm	DN.. 8..	50 PCS
0861 761 618	18 mm	12 mm	DN.. 10..	25 PCS
0861 762 022	22 mm	15 mm	DN.. 15..	25 PCS

recatherm PE professional insulation

Round extruded polyethylene, closed cell structure, pre-slotted; 2-m rod material

Product description:
RECAtherm professional conforms to the requirements of EnEv 2014 and DIN 1988-200. In practice, this means permanent insulation and maximum protection against corrosion. And with easy installation — RECAtherm PE PROFESSIONAL is the only PE material with the highest fire safety rating B-s1-d0 according to EN 13501-1. Please note: VPE values are in metres!



Advantages:
- Resistant to ageing, non-rotting, can be recycled, can be painted over with emulsion paint, flexible, keeps its shape, suitable for copper, steel, stainless steel and plastic pipes

Advice:
RECAtherm GREEN:
The first pipe insulation made from renewable raw materials

RECAtherm GREEN helps you to reduce the CO^2 emissions two-fold
- Thanks to the optimum climate footprint during the manufacturing process
- Thanks to its outstanding damping properties

A product for sustainable building!

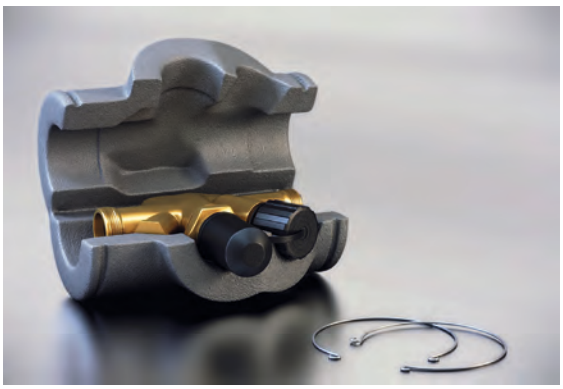
Art. No.	Insulating-material thickness	Outer diameter of pipe	Heat conductance λ	Heat conductance λ conditions	Packaging unit (VPE)
0872 9 15	9 mm	15.0 mm	0.040	at 40°C	380 PCS
0872 9 18	9 mm	18.0 mm	0.040	at 40°C	330 PCS
0872 9 22	9 mm	22.0 mm	0.040	at 40°C	250 PCS
0872 9 28	9 mm	28.0 mm	0.040	at 40°C	190 PCS
0872 9 35	9 mm	35.0 mm	0.040	at 40°C	150 PCS
0872 9 42	9 mm	42.0 mm	0.040	at 40°C	110 PCS
0872 13 15	13 mm	15.0 mm	0.040	at 40°C	256 PCS
0872 13 18	13 mm	18.0 mm	0.040	at 40°C	220 PCS
0872 13 22	13 mm	22.0 mm	0.040	at 40°C	180 PCS
0872 13 28	13 mm	28.0 mm	0.040	at 40°C	140 PCS
0872 13 35	13 mm	35.0 mm	0.040	at 40°C	120 PCS
0872 13 42	13 mm	42.0 mm	0.040	at 40°C	90 PCS
0872 13 54	13 mm	54.0 mm	0.040	at 40°C	66 PCS
0872 20 15	20 mm	15.0 mm	0.040	at 40°C	134 PCS
0872 20 18	20 mm	18.0 mm	0.040	at 40°C	126 PCS
0872 20 22	20 mm	22.0 mm	0.040	at 40°C	108 PCS
0872 20 28	20 mm	28.0 mm	0.040	at 40°C	96 PCS
0872 20 35	20 mm	35.0 mm	0.040	at 40°C	70 PCS
0872 20 42	20 mm	42.0 mm	0.040	at 40°C	60 PCS
0872 20 48	20 mm	48.0 mm	0.040	at 40°C	48 PCS
0872 20 54	20 mm	54.0 mm	0.040	at 40°C	48 PCS
0872 20 60	20 mm	60.0 mm	0.040	at 40°C	40 PCS
0872 20 76	20 mm	76.0 mm	0.040	at 40°C	26 PCS
0872 25 28	25 mm	28.0 mm	0.040	at 40°C	66 PCS
0872 25 35	25 mm	35.0 mm	0.040	at 40°C	56 PCS
0872 25 42	25 mm	42.0 mm	0.040	at 40°C	48 PCS
0872 25 15	26 mm	15.0 mm	0.040	at 40°C	90 PCS
0872 25 18	26 mm	18.0 mm	0.040	at 40°C	90 PCS
0872 25 22	26 mm	22.0 mm	0.040	at 40°C	70 PCS

recatherm PE insulating caps

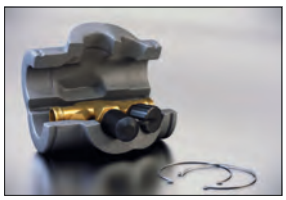
Product description:
PE insulating caps are used to insulate fittings. They prevent heat loss and cooling loss at the critical point: the valve. The insulation of valves is a requirement of EnEv.

Field of Application:
Which insulating cap fits your valve? Exact mapping to over 100 fittings and valves can be found online at www.nmc-deutschland.de/inundumshaus/technischeisolierung/heizung&sanitaer

Advice:
If necessary, the PE valve caps can be cut to the internal dimensions required.







recatherm robust PE insulation with protective film

4 mm / 10 m hose material

Product description:
Its tough, green outer skin makes the insulation near-indestructible.
The ideal answer to problematic installations involving unfinished floors or chiselled wall slots.
It can be employed in line with EnEV and DIN 1988 part 2 and is resistant to condensation, corrosion and structure-borne noise.



Advantages:

- Moisture barrier, resistant to ageing, resistant to tension and compression,
frost-proof, non-rotting, can be recycled,
suitable for copper pipes, steel pipes, stainless steel pipes and plastic pipes.
Thermal transfer coefficient 0.040 at 40°C

Advice:
Please note: VPE values are in metres!

Art. No.	Insulating-material thickness	Outer diameter of pipe	Heat conductance λ	Heat conductance λ conditions	Packaging unit (VPE)
0873 4 15	4 mm	15.0 mm	0.040	at 40°C	200 PCS
0873 4 18	4 mm	18.0 mm	0.040	at 40°C	180 PCS
0873 4 22	4 mm	22.0 mm	0.040	at 40°C	160 PCS
0873 4 28	4 mm	28.0 mm	0.040	at 40°C	140 PCS
0873 4 35	4 mm	35.0 mm	0.040	at 40°C	110 PCS

recatherm robust PE insulation with protective film

2 m - rod material

Product description:
Its tough, green outer skin makes the insulation near-indestructible.
The ideal answer to problematic installations involving unfinished floors or chiselled wall slots.
It can be employed in line with EnEV and DIN 1988 part 2 and is resistant to condensation, corrosion and structure-borne noise.





Advantages:

- Moisture barrier, resistant to ageing, resistant to tension and compression, frost-proof, non-rotting, can be recycled, suitable for copper pipes, steel pipes, stainless steel pipes and plastic pipes. Thermal transfer coefficient 0.040 at 40°C

Advice:
Please note: VPE values are in metres!

Art. No.	Insulating-material thickness	Outer diameter of pipe	Heat conductance λ	Heat conductance λ conditions	Packaging unit (VPE)
0873 9 15	9 mm	15.0 mm	0.040	at 40°C	120 PCS
0873 9 18	9 mm	18.0 mm	0.040	at 40°C	120 PCS
0873 9 22	9 mm	22.0 mm	0.040	at 40°C	100 PCS
0873 9 28	9 mm	28.0 mm	0.040	at 40°C	90 PCS
0873 13 15	13 mm	15.0 mm	0.040	at 40°C	100 PCS
0873 13 18	13 mm	18.0 mm	0.040	at 40°C	96 PCS
0873 13 22	13 mm	22.0 mm	0.040	at 40°C	80 PCS
0873 13 28	13 mm	28.0 mm	0.040	at 40°C	64 PCS
0873 13 35	13 mm	35.0 mm	0.040	at 40°C	48 PCS
0873 13 42	13 mm	42.0 mm	0.040	at 40°C	40 PCS
0873 25 15	25 mm	15.0 mm	0.040	at 40°C	40 PCS
0873 25 18	25 mm	18.0 mm	0.040	at 40°C	38 PCS
0873 25 22	25 mm	22.0 mm	0.040	at 40°C	36 PCS
0873 25 28	25 mm	28.0 mm	0.040	at 40°C	30 PCS

recatherm insulation PE, sturdy in combi pack

Product description:
Its tough, green outer skin makes the insulation near-indestructible.
The ideal answer to problematic installations involving unfinished floors or chiselled wall slots.
It can be employed in line with EnEV and DIN 1988 part 2 and is resistant to condensation, corrosion and structure-borne noise.



Advantages:

- Moisture barrier, resistant to ageing, resistant to tension and compression,
frost-proof, non-rotting, can be recycled,
suitable for copper pipes, steel pipes, stainless steel pipes and plastic pipes.
Thermal transfer coefficient 0.040 at 40°C
-

Application area:
Combi pack with 3 different pipe diameters

Advice:
RECAtherm GREEN:
The first pipe insulation made from renewable raw materials

RECAtherm GREEN helps you to reduce the CO^2 emissions two-fold
- Thanks to the optimum climate footprint during the manufacturing process
- Thanks to its outstanding damping properties

A product for sustainable building!

Art. No.	Insulating-material thickness	Content remark	Heat conductance λ	Heat conductance λ conditions	Packaging unit (VPE)
0873 4	4 mm	4/15 50 m; 4/18 70 m; 4/22 70 m;	0.040	at 40°C	1 PCS

recatherm microfine rubber insulation - 2-m rods

Lowest possible heat loss! The lowest thermal transfer coefficient in the entire sector!

Product description:
Foam material based on synthetic rubber with a microfine cell structure that complies with all current ENEV requirements and is easy to work with in difficult installation conditions due to the high level of flexibility. Highly flexible insulation with closed, microfine cell structure for heating/plumbing installation. Requires very little space thanks to thin insulation layer.



Advantages:
- Fire rating B-s3 d0;
- Heat conductance:
- At 40°C <= 0.035 W(m*K) with an insulation layer up to 15 mm thick;
- At 40°C <= 0.038 W(m*K) with an insulation layer from 15 to 24 mm thick;
- At 40°C <= 0.040 W(m*K) with an insulation layer from 24 mm thick;
- Max. medium temperature + 105°C

Application area:
General planning approval from the Deutsches Institut für Bautechnik (German Institute for Construction Technology), DIBT Berlin, registration number Z-23.24-1802

Advice:
Please note: VPE values are in metres

Art. No.	Insulating-material thickness	Outer diameter of pipe	Packaging unit (VPE)
0878 310 15	10 mm	15.0 mm	150 PCS
0878 310 18	10 mm	18.0 mm	130 PCS
0878 310 22	10 mm	22.0 mm	100 PCS
0878 310 28	10 mm	28.0 mm	80 PCS
0878 315 28	18 mm	28.0 mm	54 PCS
0878 315 35	18 mm	35.0 mm	44 PCS
0878 320 42	21 mm	42.0 mm	28 PCS
0878 520 22	23 mm	22.0 mm	40 PCS
0878 520 28	23 mm	28.0 mm	40 PCS
0878 520 15	24 mm	15.0 mm	48 PCS
0878 520 18	24 mm	18.0 mm	40 PCS

recatherm microfine rubber insulation - continuous material

Lowest possible heat loss! The lowest thermal transfer coefficient in the entire sector!

Product description:
Foam material based on synthetic rubber with a microfine cell structure that complies with all current ENEV requirements and is easy to work with in difficult installation conditions due to the high level of flexibility. Highly flexible insulation with closed, microfine cell structure for heating/plumbing installation. Requires very little space thanks to thin insulation layer.



Advantages:
- Fire rating B-s3 d0;
- Heat conductance
- At 40°C <= 0.035 W(m*K) with an insulation layer to 15 mm thick
- At 40°C <= 0.038 W(m*K) with an insulation layer from 15 to 24 mm thick
- At 40°C <= 0.040 W(m*K) with an insulation layer from 24 mm;
- Max. medium temperature + 105°C

Application area:
General planning approval from the Deutsches Institut für Bautechnik (German Institute for Construction Technology), DIBT Berlin, registration number Z-23.24-1802

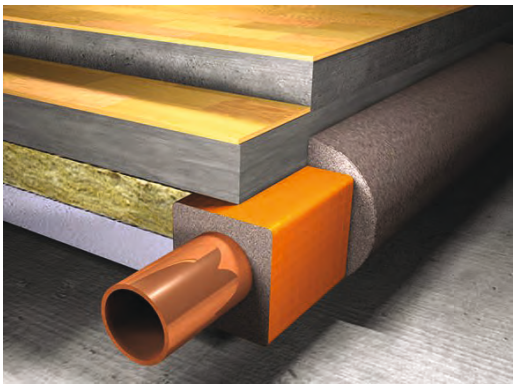
Advice:
Please note: VPE values are in metres

Art. No.	Insulating-material thickness	Pipe diameter	Packaging unit (VPE)
0878 410 15	10 mm	15.0 mm	33 PCS
0878 410 18	10 mm	18.0 mm	28 PCS
0878 410 22	10 mm	22.0 mm	23 PCS
0878 410 28	10 mm	28.0 mm	18 PCS

Exzentroflex PE pipe insulation, compact

2 m - rod material

Product description:
Exzentroflex compact is an eccentrically extruded pipe insulation for installation on unfinished flooring below the screed. Please note: VPE values are in metres!



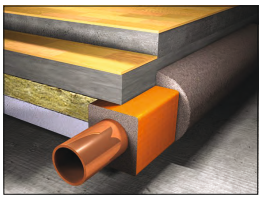
Advantages:
- Low installation height permits simple laying of the screed sub-base and hence improved footfall insulation
- Outer skin with triple reinforcement, significantly enhanced protection under extreme conditions on construction sites
- Legible labelling and different surfaces permit simple, trouble-free working.
- Exzentroflex compact 9 mm is EnEv-compliant (Appendix 5, Row 7) and the 25-mm insulation fully conforms to EnEv; it also meets the requirements of DIN 4109 in terms of acoustic insulation and protects against condensation and corrosion.
- Thermal transfer coefficient = 0.035 W/mK at 40°C

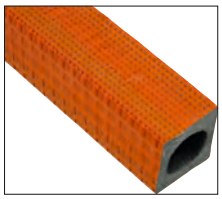
Advice:

RECAtherm GREEN:
The first pipe insulation made from renewable raw materials

RECAtherm GREEN helps you to reduce the CO^2 emissions two-fold
- Thanks to the optimum climate footprint during the manufacturing process
- Thanks to its outstanding damping properties

A product for sustainable building!





Art. No.	Insulating-material thickness	Pipe diameter	Overall height	Packaging unit (VPE)
0875 615 09	9 mm	15.0 mm	30.0 mm	170 PCS
0875 618 09	9 mm	18.0 mm	33.0 mm	120 PCS
0875 622 09	9 mm	22.0 mm	37.0 mm	110 PCS
0875 628 09	9 mm	28.0 mm	44.5 mm	70 PCS
0875 635 09	9 mm	35.0 mm	51.5 mm	58 PCS
0875 615 25	25 mm	15.0 mm	55.0 mm	100 PCS
0875 618 25	25 mm	18.0 mm	53.0 mm	84 PCS
0875 622 25	25 mm	22.0 mm	59.0 mm	72 PCS
0875 628 25	25 mm	28.0 mm	64.0 mm	58 PCS
0875 628 38	38 mm	28 mm	65.0 mm	46 PCS
0875 635 38	38 mm	35 mm	80 mm	32 PCS
0875 642 46	46 mm	42 mm	99 mm	24 PCS

Rockwool aluminium foil-laminated rock wool, RS800 100% / 50%

Product description:
For all applications according to EnEV for 50% and 100% compliance in heating systems and hot water installations, solar systems, hot water systems, steam pipelines. Building material class A2 (non-flammable).



Advantages:
Resistant to pressure, shape-retaining, pre-slit inner wall for easy fitting, free from corrosive substances, aluminium lamination acts as a vapour retarder, water-resistant, chemically neutral, non-rotting, resistant to ageing
Melting point >1000°C, upper application temperature on the rock wool side up to 250°C, on the aluminium side up to 80°C; thermal transfer coefficient in accordance with ENEV 0.035 W/mK

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes

Advice:
Please note: VPE values are in metres!

Art. No.	Insulating-material thickness	Pipe diameter	Insulation regulations	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0874 120 15	20 mm	15 mm	100%	15 mm	13.5 mm	48 PCS
0874 120 18	20 mm	18 mm	100%	18 mm	17.2 mm	42 PCS
0874 120 22	20 mm	22 mm	100%	22 mm	21.3 mm	36 PCS
0874 120 28	20 mm	28 mm	100%	28 mm	26.9 mm	30 PCS
0874 120 35	20 mm	35 mm	50%	35 mm		25 PCS
0874 120 42	20 mm	42 mm	50%	42 mm		20 PCS
0874 130 28	30 mm	28 mm	100%	28 mm		20 PCS
0874 130 35	30 mm	35 mm	100%	35 mm	33.7 mm	16 PCS

Art. No.	Insulating-material thickness	Pipe diameter	Insulation regulations	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0874 130 42	30 mm	42 mm	50%		42.4 mm	12 PCS
0874 140 42	40 mm	42 mm	100%	42 mm		9 PCS
0874 140 48	40 mm	48 mm	50%		48.3 mm	9 PCS
0874 150 54	50 mm	54 mm	100%	54 mm		5 PCS
0874 160 60	60 mm	60 mm	100%		60.3 mm	4 PCS
0874 170 76	70 mm	76 mm	100%		76.1 mm	3 PCS



Aluminium foil-laminated rock wool 100%

Concentric rock wool insulation clad with tear-proof pure aluminium foil

Product description:
For all applications according to EnEV for 100% compliance in heating systems and hot water installations, solar systems, hot water systems, steam pipelines



Advantages:
Resistant to pressure and dimensionally stable
Slit on one side for easy bending
Double-sided adhesive tape for easy fitting
Extremely water-resistant, chemically neutral, non-rotting, resistant to ageing
Melting point >1000°C, upper application temperature on the rock wool side up to 250°C, on the aluminium side up to 80°C;
Thermal transfer coefficient in accordance with ENEV 0.037 W/mK

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes

Advice:
Please note: VPE values are in metres!

Art. No.	Insulating-material thickness	Outer diameter of pipe	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0874 323 15	23 mm	15 mm	15 mm	13.5 mm	36 PCS
0874 323 18	23 mm	18 mm	18 mm	17.2 mm	35 PCS
0874 323 22	23 mm	22 mm	22 mm	21.3 mm	30 PCS
0874 323 28	23 mm	28 mm		26.9 mm	25 PCS
0874 334 28	34 mm	28 mm	28 mm		16 PCS
0874 334 35	34 mm	35 mm	35 mm	33.7 mm	12 PCS
0874 340 42	40 mm	42 mm		42.4 mm	9 PCS
0874 344 42	44 mm	42 mm	42 mm		9 PCS
0874 347 48	47 mm	48 mm	48 mm	48.3 mm	6 PCS
0874 356 54	56 mm	54 mm	54 mm		4 PCS
0874 359 60	59 mm	60 mm		60.3 mm	4 PCS

Aluminium foil-laminated rock wool 50%

Concentric rock wool insulation clad with tear-proof pure aluminium foil

Product description:
For all applications according to EnEV for 50% compliance in heating systems and hot water installations, solar systems, hot water systems, steam pipelines

Advantages:
Resistant to pressure and dimensionally stable
Slit on one side for easy bending
Double-sided adhesive tape for easy fitting
Extremely water-resistant, chemically neutral, non-rotting, resistant to ageing
Melting point >1000°C, upper application temperature on the rock wool side up to 250°C, on the aluminium side up to 80°C;
Thermal transfer coefficient in accordance with ENEV 0.037 W/mK



Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes

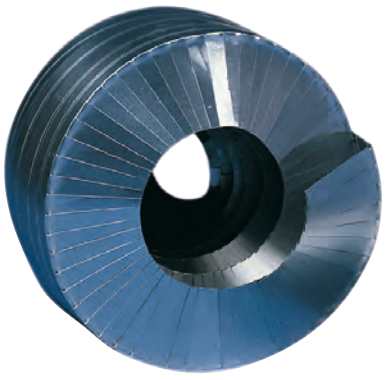
Advice:
Please note: all VPE values are in metres!

Art. No.	Insulating-material thickness	Outer diameter of pipe	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0874 415 15	15 mm	15 mm	15 mm	13.5 mm	56 PCS
0874 415 18	15 mm	18 mm	18 mm	17.2 mm	52 PCS
0874 415 22	15 mm	22 mm	22 mm	21.3 mm	42 PCS
0874 417 28	17 mm	28 mm	28 mm	26.9 mm	36 PCS
0874 417 35	17 mm	35 mm	35 mm	33.7 mm	30 PCS
0874 422 42	22 mm	42 mm	42 mm	42.4 mm	20 PCS

Aluminium end tape for rock wool pipe clamps

Product description:
Aluminium end tape: collar for finishing off the ends of outer cladding

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes



Art. No.	Fin width	Length of roll	Packaging unit (VPE)
0874 53 20	20 mm	5.0 m	5 PCS
0874 53 30	30 mm	5.0 m	5 PCS
0874 53 40	40 mm	5.0 m	5 PCS

Packing wool for empty pipe elbows

Product description:
Loose rock wool packing wool for padding empty pipe elbows

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes

Advice:
Packed in 10-kg bag



Art. No.	Packaging unit (VPE)
0876 043 10	1 PCS

Accessories for rock wool - insulation

Product description:
For additional securing of a protective jacket around the insulation

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes



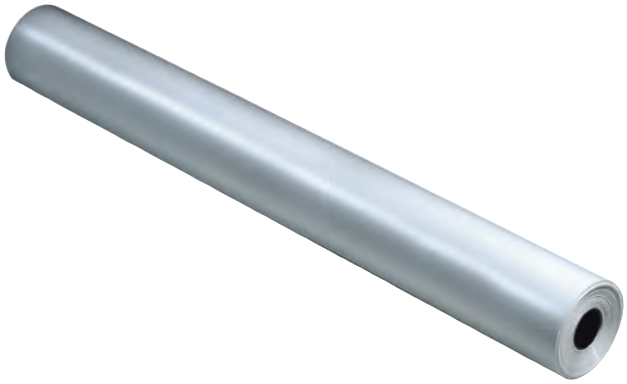
Art. No.	Content remark	Packaging unit (VPE)
0874 581 000	PVC rivets in bag, 1000 pcs.	1 PCS
0874 582 000	Rivet piercer	1 PCS
0874 590 7	Winding wire in 100-g reel	25 PCS

PVC outer shell

Product description:
Robust PVC film for adding an extra layer around PU insulation.

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes

Advice:
Please note: VPE values are in metres!



Art. No.	Content remark	Packaging unit (VPE)
0874 50	1 roll of 25 m x 1 m	25 PCS

Isotube insulated pipe elbows, empty for RS 800

Product description:
Little helpers for reworking tasks

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes



Art. No.	Insulating-material thickness	Pipe diameter	Packaging unit (VPE)
0876 043 18	20 mm	18.0 mm	20 PCS
0876 043 22	20 mm	22.0 mm	20 PCS
0876 043 28	20 mm	28.0 mm	20 PCS
0876 043 35	20 mm	35.0 mm	20 PCS
0876 043 42	20 mm	42.0 mm	20 PCS
0876 043 58	30 mm	28.0 mm	20 PCS
0876 043 65	30 mm	35.0 mm	20 PCS
0876 043 72	30 mm	42.0 mm	20 PCS

Rock wool insulated pipe elbows, empty, for aluminium-laminated rock wool

Product description:
Little helpers for reworking tasks

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes



Art. No.	Insulating-material thickness	Pipe diameter	Packaging unit (VPE)
0874 380 22	23 mm	22 mm	20 PCS
0874 380 28	23 mm	28 mm	20 PCS
0874 381 28	34 mm	28 mm	20 PCS
0874 381 35	34 mm	35 mm	20 PCS

Knife for insulating material for rock wool

Product description:
Sharp knife (400 mm) with long blade

Field of Application:
For insulating heating systems and hot water installations, solar systems, hot water pipes, steam lines and drinking water pipes



Art. No.	Packaging unit (VPE)
0874 582 001	1 PCS

Isotube PU visible insulation 035 pipe clamps

The visible insulation - optimum finish!

Product description:
Continuous, round PUR foam insulation jacket with PVC cladding and self-adhesive seal

Field of Application:
isotube® 035: Lambda value λ=0.035 for 100% compliance with the latest EnEV.
Pipe length 1 m, fire rating B2 (according to DIN 4102), bulk density ~ 30 kg/m3, operating temperature range up to max. +110°C.

Advice:
Please note: VPE values are in metres



Art. No.	Size	Insulating-material thickness	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0876 035 015	15-20	20 mm	15 mm	13.5 mm	63 PCS
0876 035 018	18-20	20 mm	18 mm	17.2 mm	63 PCS
0876 035 022	22-20	20 mm	22 mm	21.3 mm	54 PCS
0876 035 028	28-30	30 mm	28 mm	26.9 mm	28 PCS
0876 035 035	35-30	30 mm	35 mm	33.7 mm	24 PCS
0876 035 042	42-40	40 mm	42 mm	42.4 mm	15 PCS

Isotube PU visible insulation 035 - elbow piece

The visible insulation - optimum finish!

Product description:
The isotube 035 insulated pipe elbow features self-adhesive strips for easy and secure installation

Field of Application:
isotube® 035: Lambda value λ=0.035 for 100% compliance with the latest EnEV.



Art. No.	Size	Insulating-material thickness	Packaging unit (VPE)
0876 035 115	15/18-20	20 mm	20 PCS
0876 035 122	22-20	20 mm	20 PCS
0876 035 128	28-30	30 mm	20 PCS
0876 035 135	35-30	30 mm	20 PCS

Isotube PU visible insulation 040 pipe clamps

The visible insulation - optimum finish!

Product description:
Continuous, round PUR foam insulation jacket with PVC cladding and self-adhesive seal



Field of Application:
isotube® 040: Lambda value λ=0.040 for 50% compliance with the latest EnEV.
Pipe length 1 m, fire rating B2 (according to DIN 4102), bulk density ~ 23 kg/m3, operating temperature range up to max. +130°C.

Advice:
Please note: VPE values are in metres!

Art. No.	Size	Insulating-material thickness	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0876 040 18	15-20	20 mm	15 mm	13.5 mm	63 PCS
0876 040 22	22-20	20 mm	22 mm	21.3 mm	55 PCS
0876 040 28	28-20	20 mm	28 mm	26.9 mm	48 PCS
0876 040 35	35-20	20 mm	35 mm	33.7 mm	36 PCS
0876 040 42	42-20	20 mm	42 mm	42.4 mm	28 PCS

Art. No.	Size	Insulating-material thickness	Suitable for copper pipe (outer diameter)	Suitable for steel pipe (outer diameter)	Packaging unit (VPE)
0876 040 60	60-30	32 mm	60 mm	60.3 mm	14 PCS

Isotube PU visible insulation 040 - elbow piece

The visible insulation - optimum finish!

Product description:
The isotube insulated pipe elbow features self-adhesive strips for easy and secure installation.

Field of Application:
isotube® 040: Lambda value λ=0.040 for 50% compliance with the latest EnEV.



Art. No.	Size	Insulating-material thickness	Packaging unit (VPE)
0876 042 28	28-20	20 mm	20 PCS
0876 042 35	35-20	20 mm	20 PCS
0876 042 60	60-30	30 mm	20 PCS

Segmented end tape for Isotube

Product description:
Segmented end tape for isotube visible insulation



Art. No.	Width	Length of roll	Packaging unit (VPE)
0875 802 00	20.0 mm	10.0 m	5 PCS
0875 802 01	25.0 mm	10.0 m	5 PCS
0875 802 02	30.0 mm	10.0 m	5 PCS

Isotube insulated pipe elbows, soft

Product description:
Empty elbow with soft foam inlay



Art. No.	Pipe diameter	Insulating-material thickness	Packaging unit (VPE)
0876 044 18	18.0 mm	20 mm	20 PCS
0876 044 22	22.0 mm	20 mm	20 PCS
0876 044 28	28.0 mm	20 mm	20 PCS
0876 044 35	35.0 mm	20 mm	20 PCS

Solar insulation, rubber

Product description:
Highly flexible, black insulation with cell structure - elastomer foam based on synthetic rubber. reca insulated rubber tube is a highly-flexible insulating material with outstanding UV and OZONE resistance and a high temperature resistance of up to 150°C. To be able to guarantee UV resistance over the long term, insulating sleeves installed outdoors must be protected from general environmental influences (e.g. by sheet metal casing). The closed cell structure reliably prevents condensation.

Advice:
Please note: VPE values are in metres!



Art. No.	Insulating-material thickness	Pipe diameter	Content remark	Packaging unit (VPE)
0878 215 013	13 mm	15.0 mm	2 x 18 m	36 PCS
0878 218 013	13 mm	18.0 mm	2 x 16 m	32 PCS
0878 222 013	13 mm	22.0 mm	2 x 15 m	30 PCS
0878 215 019	19 mm	15.0 mm	2 x 14 m	28 PCS
0878 218 019	19 mm	18.0 mm	2 x 12 m	24 PCS
0878 222 019	19 mm	22.0 mm	2 x 10 m	20 PCS

Insulated rubber tube - adhesive

Product description:
Temperature-resistant, single-component adhesive in 220 g can with brush



Insulated rubber tube - adhesive tape

Product description:
Special insulated rubber tube adhesive tape 3 mm x 50 mm x 15 m



Art. No.	Packaging unit (VPE)
0878 222 201	1 PCS

recatherm stainless steel corrugated pipe, pre-insulated

Synthetic, high-temperature rubber on stainless steel corrugated pipe

Product description:
Pre-insulated stainless steel corrugated pipe for use in solar systems. Separable stainless steel corrugated pipe system insulated with 13 mm of high temperature rubber and clad with a double layer of PE film. Equipped with a temperature sensor cable that does NOT lie on either of the two pipes. This prevents faulty test results.



Advantages:
- Temperature sensor cable does not lie directly against either of the two pipes. This prevents faulty test results
- Double protective film provides effective protection against bird pecking
- One pipe is marked with a black line to prevent installation faults
- Each box contains a full set of screw connections
- Thermal transfer coefficient 0.040 at 40°C

Advice:
Please note: VPE values are in metres!

Art. No.	Insulating-material thickness	Nominal diameter	Length of roll	Packaging unit (VPE)
0879 131 610	13 mm	16.0 mm	10 m	10 PCS
0879 131 615	13 mm	16.0 mm	15 m	15 PCS
0879 131 620	13 mm	16.0 mm	20 m	20 PCS
0879 131 625	13 mm	16.0 mm	25 m	25 PCS
0879 131 650	13 mm	16.0 mm	50 m	50 PCS
0879 132 010	13 mm	20.0 mm	10 m	10 PCS
0879 132 015	13 mm	20.0 mm	15 m	15 PCS
0879 132 020	13 mm	20.0 mm	20 m	20 PCS
0879 132 025	13 mm	20.0 mm	25 m	25 PCS
0879 132 050	13 mm	20.0 mm	50 m	50 PCS

recatherm HT insulating tape, black

Product description:
Adhesive rubber tape, resistant to bird pecking



Art. No.	Width	Length	Packaging unit (VPE)
0879 525	50.0 mm	2.5 m	1 PCS

recatherm screw connection set for corrugated pipe

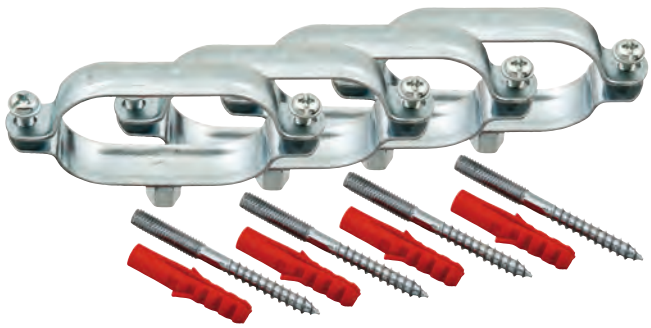
Product description:
Each set contains 4 x union nuts, 4 x clamping washers, 4 x seals and 1 x double nipple and penny washer



Art. No.	Type	Packaging unit (VPE)
0879 616	For DN16	10 PCS
0879 620	For DN20	10 PCS
0879 625	For DN25	10 PCS

recatherm mounting clamps, oval f. corrugated pipe

Advice:
Contents 10 sets, 1 set consists of clamps, dowels and stud screws: 4 of each



Art. No.	Type	Packaging unit (VPE)
0879 716	For DN16	10 PCS
0879 720	For DN20/25	10 PCS

Fleece drain insulating sleeve with film

Product description:
Non-woven drain insulating sleeve made from 100% plastic fibres, very flexible with low friction coefficient. Reliably insulates against noise of flowing water and creaking noises. Also suitable for cold water pipelines.



Advantages:
non-rotting, chemically-neutral, i.e. free of corrosion accelerators
temperature application range from -70 to +105°C
fire class B2
thermal transfer coefficient 0.0375 at +10°C
roll length 25m

Field of Application:
Non-woven drain insulating sleeve meets all noise protection requirements set out in DIN 4109

Advice:
Please note: VPE values are in metres!

Art. No.	DN nominal width	Insulating-material thickness	Packaging unit (VPE)
0877 61	DN 50	4 mm	50 PCS
0877 62	DN 70	4 mm	50 PCS
0877 629	DN 90	4 mm	50 PCS
0877 63	DN 100	4 mm	50 PCS
0877 64	DN 125	4 mm	50 PCS

recatherm PE drain pipe soundproofing sleeve

Product description:
Flexible sleeve made from closed cell soft polyethylene foam with moisture barrier,
tear-resistant and hardwearing green outer skin and easy-to-fit inner sliding film.



Advantages:
Reduced sound pressure level
at 4 mm, by 17 dB (A)
at 9 mm, by 23 dB (A)
Temperature application range from -45 to +95°C

Application area:
Flexible drain noise protection for sound-proofing for cast iron (SML) to DIN 19522, plastic pipes (HT) to DIN 19560 and also for cold water to DIN 1988

Field of Application:
recatherm noise protection drain sleeve meets all requirements set out in DIN 4109

Advice:
Please note: VPE values are in metres!
Roll length 10 m

Art. No.	Insulating-material thickness	DN nominal width	Roll width	Packaging unit (VPE)
0875 151 50	4 mm	DN 50	105 mm	50 PCS
0875 151 70	4 mm	DN 70	145 mm	50 PCS
0875 151 80	4 mm	DN 80	160 mm	50 PCS
0875 151 90	4 mm	DN 90	180 mm	50 PCS
0875 151 100	4 mm	DN 100	205 mm	50 PCS
0875 151 125	4 mm	DN 125	260 mm	50 PCS
0875 152 50	9 mm	DN 50	210 mm	30 PCS
0875 152 70	9 mm	DN 70	150 mm	30 PCS
0875 152 90	9 mm	DN 90	190 mm	30 PCS
0875 152 100	9 mm	DN 100	210 mm	30 PCS

recatherm PE strip roll for drain noise protection sleeve

Product description:
PE strip roll:
0875 151 200 and 0875 151 250 are simple strip rolls, 0875 151 300 and 0875 151 350 are self-adhesive

Advice:
Please note: VPE content = 4 rolls x 5 m



Art. No.	Width	Length of roll	Insulating-material thickness	Type description	Packaging unit (VPE)
0875 151 300	70.0 mm	5.0 m	2 mm	Self-adhesive	20 PCS
0875 151 200	70.0 mm	5.0 m	2 mm	Strip rolls	20 PCS
0875 151 350	100.0 mm	5.0 m	2 mm	Self-adhesive	20 PCS
0875 151 250	100.0 mm	5.0 m	2 mm	Strip rolls	20 PCS

Non-woven insulating sleeve with film

recatherm non-woven material for cold water installations

Product description:
Non-woven 4-mm insulating sleeve with film, produced from 100% plastic fibres for reliable insulation against the noise of flowing water and creaking

Advantages:
Temperature application range from -70 to +105°C
Fire class B2

Advice:
Please note: VPE values are in metres!
Roll length 25 m



Art. No.	Outer diameter of pipe	Outer diameter of pipe 2	Length of roll	Packaging unit (VPE)
0877 50	15 mm	1/4	25 m	250 PCS
0877 51	18 mm	3/8	25 m	250 PCS
0877 52	22 mm	1/2	25 m	250 PCS
0877 53	28 mm	3/4	25 m	200 PCS
0877 54	35 mm	1	25 m	150 PCS

Non-woven insulating strips with film

recatherm non-woven material for cold water installations

Product description:
Fleece with moisture barrier (vapour barrier), in 2 or 4 mm insulation thickness; article number 0877 24 is self-adhesive

Application area:
For retrofitting fixtures and fittings and repairs (only for cold water applications) article number 0877 24 is self-adhesive

Field of Application:
Temperature application range from -70 to +105°C
Fire Class B2

Advice:
Please note: Roll length is 5 m, VPE values are also in meters



Art. No.	Thickness	Width	Packaging unit (VPE)
0877 24	2 mm	70.0 mm	300 PCS
0877 05	2 mm	70.0 mm	350 PCS
0877 06	2 mm	100.0 mm	250 PCS
0877 07	4 mm	70.0 mm	200 PCS
0877 08	4 mm	100.0 mm	150 PCS

recatherm cutter

Product description:
Specially sharpened cutter with durable blade for cutting pipe insulation, length: 400 mm



Art. No.	Packaging unit (VPE)
0870 900 025	1 PCS

recatherm clips

Product description:
Flexible plastic clips for effective clamping of PE pipe insulation. Supplied in a practical stacking box containing 500 units



Art. No.	Number of pieces	Packaging unit (VPE)
0870 300 500	500 PCS	1 PCS

recatherm box shelf

Free-standing - no wall mounting required

Product description:
Box shelf for 4 insulation boxes, each measuring 2 m in length

Advice:
Please note: Illustration consists of 2 shelves



Art. No.	Packaging unit (VPE)
0875 1	1 PCS

recatherm universal adhesive for PE and rubber

Product description:
This adhesive is required by EnEV. For recatherm PE professional/robust and rubber. Not suitable for insulated rubber tube.



Art. No.	Contents	Package size	Packaging unit (VPE)
0870 872 878	200 ml	25	1 PCS

recatherm PE adhesive tape, self-adhesive

Product description:
PE self-adhesive tape: on rolls of 50 mm x 3 mm x10 m.

Field of Application:
Application: on seams, sleeves, sliders, boiler outputs and all difficult to access places



Art. No.	Thickness	Width	Length	Colour	Package size	Packaging unit (VPE)
0870 100	3 mm	50.0 mm	10.0 m	Grey	12	1 PCS

recatherm adhesive tape, green, robust

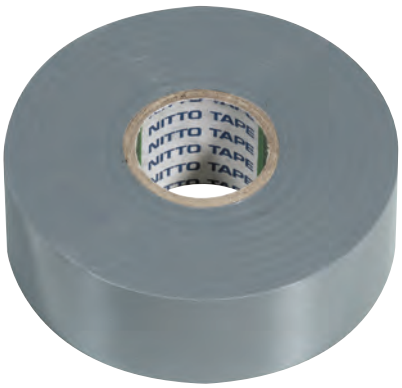
Product description:
Textile waterproof adhesive tape for general use, with excellent adhesive power, as well as outstanding flexibility and moulding to different shapes

Advantages:
- Excellent water resistance
- Easy to tear off
- Temperature-resistant between -10 and +75°C



Art. No.	Width	Length	Colour	Package size	Packaging unit (VPE)
0870 140	50 mm	50 m	Green	48	1 PCS

PVC adhesive tape, dark grey, professional



Art. No.	Width	Length	Colour	Packaging unit (VPE)
0875 801 00	30.0 mm	33.0 m	Grey	1 PCS

PVC adhesive tape, red



Art. No.	Width	Length	Colour	Packaging unit (VPE)
0875 801 02	30.0 mm	33.0 m	Red	1 PCS

PVC adhesive tape, light grey, Isotube



Art. No.	Width	Length	Colour	Packaging unit (VPE)
0875 801 03	30.0 mm	25.0 m	Light grey (bright grey)	1 PCS

Rubber adhesive tape

Product description:
Rubber microfine adhesive tape for building material class B-s3-d0 according to DIN EN 13501-1

Field of Application:
Especially suitable for insulating short pieces of pipe and small moulded parts; temperature range from +8°C to +85°C, storage life 1 year

Advice:
Prerequisite for optimal adhesion is a clean and dry base surface. The tape must not be used under tension.

Art. No.	Width	Thickness	Length	Colour	Packaging unit (VPE)
0878 910 021	50.0 mm	3 mm	15.0 m	Grey	1 PCS

PVC adhesive tape



Art. No.	Width	Length	Colour	Packaging unit (VPE)
0878 930 000	30.0 mm	33.0 m	Grey	1 PCS

MINI pipe cutter, copper, 3-16 mm

For copper pipes of 3-16 mm.

Product description:
Extremely small working radius for use in hard-to-reach areas or on parallel piping.
Material: Body, slide and turning knob made from high-pressure die-cast zinc.

Advantages:
- Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Extremely reduced working radius.

Advice:
Replacement cutting wheel for aluminium/copper 19 x 5 mm, item no.: 0703 511 195
Replacement pivot pin for RECA pipe cutter MINI, item no.: 0703 511 105



Art. No.	Packaging unit (VPE)
0703 511 316	1 PCS

MINI pipe cutter, copper, 3-25 mm

For copper pipes of 3-25 mm.

Product description:
Extremely small working radius for use in hard-to-reach areas or on parallel piping.
Material: Body, slide and turning knob made from high-pressure die-cast zinc.

Advantages:
- Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Extremely reduced working radius.

Advice:
Replacement cutting wheel for aluminium/copper 19 x 5 mm, item no.: 0703 511 195
Replacement pivot pin for RECA pipe cutter MINI, item no.: 0703 511 105



Art. No.	Packaging unit (VPE)
0703 511 325	1 PCS

KOMPAKT pipe cutter, copper, 3-30 mm

For copper pipes of 3-30 mm.

Product description:
Sturdy compact design with precision slide guide.
Material: Body, slide and turning knob made from high-pressure die-cast zinc.

Advantages:
- Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.

Advice:
Replacement cutting wheel for aluminium/copper 19 x 5 mm, item no.: 0703 511 195
Replacement pivot pin for RECA pipe cutter MINI, item no.: 0703 511 105



Art. No.	Packaging unit (VPE)
0703 511 330	1 PCS

KOMPAKT pipe cutter, stainless steel, 3-30 mm

For Inox pipes from 3-30 mm

Product description:
Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
Guide rollers on needle roller bearings made from stainless steel facilitate easier and faster cutting of stainless steel pipes.
Cutting wheel on needle roller bearings with special cutting geometry also facilitates easier and faster cutting of stainless steel pipes.
Material: Body, slide and turning knob made from high-pressure die-cast zinc.



Advantages:
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.

Advice:
Replacement cutting wheel for stainless steel 19 x 5 mm, item no.: 0703 521 195
Replacement pivot pin for RECA pipe cutter, compact, stainless steel, item no.: 0703 511 105

Art. No.	Packaging unit (VPE)
0703 521 330	1 PCS

TELESKOP pipe cutter, copper, 3-35 mm

For copper pipes from 3-35 mm

Product description:
4 guide rollers for absolutely precise and clean right-angle cuts and optimum grip during cutting.
Spindle with steel bearings for precise guiding.
Completely removable Noga deburring tool for left and right-handed users.
Extremely handy for very fine deburring work.
Material: Body made from high-pressure die-cast magnesium (lighter), slide and turning knob made from die cast zinc.



Advantages:
- Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.





Advice:
Replacement cutting wheel for aluminium/copper 19 x 5 mm, item no.: 0703 511 195
Replacement pivot pin for RECA pipe cutters, telescopic, item no.: 0703 511 105
Replacement Noga deburring blade S 20, item no.: 0694 701 102



Art. No.	Packaging unit (VPE)
0703 511 335	1 PCS

TELESKOP pipe cutter, stainless steel, 3-35 mm

For stainless steel pipes from 3-35 mm

Product description:
4 stainless steel guide rollers on needle roller bearings for easier and faster cutting of stainless steel pipes.
Completely removable Noga deburring tool for left and right-handed users.
Extremely handy for very fine deburring work.
Cutting wheel on needle roller bearings with special cutting geometry also facilitates easier and faster cutting of stainless steel pipes.
Material: Body made from high-pressure die-cast magnesium (lighter), slide and turning knob made from die cast zinc.



Advantages:
- Spindle with steel bearings - glides better when cutting and allows faster adjustment of working area. No risk of seizing.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.





Advice:
Replacement cutting wheel for stainless steel 19 x 5 mm, item no.: 0703 521 195
Replacement pivot pin for RECA pipe cutter, telescopic, stainless steel, item no.: 0703 511 105
Replacement Noga deburring blade S 20, item no.: 0694 701 102



Art. No.	Packaging unit (VPE)
0703 521 335	1 PCS

QUICK pipe cutter, stainless steel, 6-76 mm

Stainless steel pipe cutter with a cutting capacity of 6 - 76 mm.

Product description:
4 stainless steel guide rollers on needle roller bearings for easier and faster cutting of stainless steel pipes.
Completely removable Noga deburring tool for left and right-handed users.
Extremely handy for very fine deburring work.
Cutting wheel on needle roller bearings with special cutting geometry also facilitates easier and faster cutting of stainless steel pipes.
Material: Body made from high-pressure die-cast aluminium, slide and turning knob made from die cast zinc.



Advantages:
- High cutting capacity (6-76 mm).

- Quick feed.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.

Advice:
Replacement cutting wheel for stainless steel 19 x 6.2 mm, item no.: 0703 521 196
Replacement pivot pin for RECA Quick pipe cutter, item no.: 0703 531 106
Replacement Noga deburrer blade S 20, item no.: 0694 701 102







Art. No.	Packaging unit (VPE)
0703 521 676	1 PCS

QUICK pipe cutter, plastic, 6-76 mm

For plastic and composite pipes from 6 - 76 mm

Product description:
Sturdy version with large cutting wheel (Ø 30 mm) and quick adjustment button.
4 guide rollers for absolutely precise and clean right-angle cuts and optimum grip during cutting.
Spindle with steel bearings for precise guiding.
Retractable, removable Noga deburring tool.
Material: Body made from high-pressure die-cast magnesium (lighter), slide and turning knob made from die cast zinc.



Advantages:
- Greater cutting capacity (6-76 mm).

- Quick feed.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Replacement cutting wheel in ergonomic turning knob.

Advice:
Replacement cutting wheel for aluminium/copper 19 x 6.2 mm, item no.: 0703 531 196
Replacement cutting wheel for plastic, 30 x 6.2 mm, item no.: 0703 531 266
Replacement pivot pin for RECA Quick plastic pipe cutter, item no.: 0703 531 106
Replacement Noga deburrer blade S 20, item no.: 0694 701 102







Art. No.	Packaging unit (VPE)
0703 531 676	1 PCS

QUICK pipe cutter, plastic, 50-127 mm

Plastic pipe cutter with cutting capacity of 50-127 mm.

Product description:
Third guide roller can be adjusted to one of two positions (110 mm & 127 mm) for optimum pipe guidance during cutting.
- 110 mm position: for cutting pipes up to and including 110 mm.
- 127 mm position: for cutting pipes from 110 mm to 127 mm.
PTFE-coated cutting wheel. Friction is minimised between the cutting wheel and pipe during cutting. Particularly important when cutting plastic pipes with thick walls.
Retractable, removable Noga deburring tool.
Material: Body made from high-pressure die-cast magnesium (lighter), slide and turning knob made from die cast zinc.



Advantages:

- Quick feed.
- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Third guide roller for optimum grip on pipe.

Advice:
Replacement cutting wheel for medium- to thick-walled plastic pipes 51 x 8 mm, item no.: 0703 531 511
Replacement cutting wheel for medium- to thick-walled plastic pipes 45 x 8 mm, item no.: 0703 531 451
Replacement pivot pin for RECA Quick plastic pipe cutter, item no.: 0703 531 111
Replacement Noga deburrer blade S 20, item no.: 0694 701 102







Art. No.	Packaging unit (VPE)
0703 531 127	1 PCS

QUICK pipe cutter, plastic, 100-170 mm

Plastic pipe cutter with cutting capacity of 100 - 170 mm

Product description:
Third guide roller can be adjusted to one of two positions (160 mm & 170 mm) for optimum pipe guidance during cutting.
- 160 mm position: for cutting pipes up to and including 160 mm.
- 170 mm position: for cutting pipes from 160 mm to 170 mm.
PTFE-coated cutting wheel. Friction is minimised between the cutting wheel and pipe during cutting. Particularly important when cutting plastic pipes with thick walls.
Retractable, removable Noga deburring tool.
Material: Body made from high-pressure die-cast magnesium (lighter), slide and turning knob made from die cast zinc.



Advantages:
- Quick feed.

- Simple, tool-free cutting wheel replacement system - saves time.
- Ergonomic turning knob for improved transfer of power.
- Third guide roller for optimum grip on pipe.

Advice:
Replacement cutting wheel for medium- to thick-walled plastic pipes 51 x 8 mm, item no.: 0703 531 511
Replacement cutting wheel for medium- to thick-walled plastic pipes 45 x 8 mm, item no.: 0703 531 451
Replacement pivot pin for RECA Quick plastic pipe cutter, item no.: 0703 531 111
Replacement Noga deburrer blade S 20, item no.: 0694 701 102







Art. No.	Packaging unit (VPE)
0703 531 170	1 PCS

Pipe cutter steel 2“

For steel pipes from 1/8 to 2“

Product description:
Sturdy, die-forged version with large cutting wheel (dia. 31 mm).
Two large guide rollers ensure clean, right-angle cuts.



Art. No.	Packaging unit (VPE)
0710 140 182	1 PCS

Replacement cutting wheels for pipe cutter

Product description:
reca pipe cutters are made from high-quality, high-pressure die-cast aluminium and zinc materials and protected with impact-resistant powder coating. Guide rollers, pivot pins and spindles are precision-turned from tool steel to guarantee accurate right-angle cuts.



Art. No.	Type	Outer diameter	Bore diameter	Package size	Packaging unit (VPE)
0703 511 195	For copper and aluminium - suitable for Mini 3-16 (art. no. 0703 511 316); Mini 3-25 (art. no. 0703 511 325), Compact 3-30 (art. no. 0703 511 330) and Telescopic 3-35 (art. no. 0703 511 335)	19 mm	5 mm	10 St/pcs	10 PCS
0703 531 196	For copper and aluminium - suitable for pipe cutter Quick INOX (art. no. 0703 521 676)	19 mm	6.2 mm	5 St/pcs	5 PCS
0703 531 251	For copper and aluminium - suitable for pipe cutter Quick plastic (art. no. 0703 531 127)	25 mm	8 mm	5 St/pcs	5 PCS
0703 521 195	For INOX - suitable for Compact 3-30 (art. no. 0703 521 330) and Telescopic 3-35 (art. no. 0703 521 335)	19 mm	5 mm	1 St/pcs	1 PCS
0703 521 196	For INOX - suitable for pipe cutter Quick INOX (art. no. 0703 521 676)	19 mm	6.2 mm	1 St/pcs	1 PCS
0703 531 266	For plastic and composite pipes - suitable for pipe cutter Quick plastic (art. no. 0703 531 676) and Quick INOX (art. no. 0703 521 676)	26 mm	6.2 mm	5 St/pcs	5 PCS
0710 149 182	For steel pipes - suitable for pipe cutter (0710 140 182)	31 mm	5 mm		3 PCS
0703 531 511	For thick-wall plastic and composite pipes - suitable for pipe cutter Quick plastic (art. no. 0703 531 127)	51 mm	8 mm	5 St/pcs	5 PCS
0703 531 671	For thick-wall plastic and composite pipes - suitable for pipe cutter Quick plastic (art. no. 0703 531 170)	67 mm	8 mm	5 St/pcs	5 PCS
0703 531 451	For thin-wall plastic and composite pipes - suitable for pipe cutter Quick plastic (art. no. 0703 531 127 and 0703 531 170)	45 mm	8 mm		5 PCS

Pivot pin for RECA pipe cutter - cutting wheels

Product description:
Guide rollers and pivot pins of RECA pipe cutters are precision-turned from tool steel to guarantee accurate right-angle cuts.



Art. No.	Type	Packaging unit (VPE)
0703 511 105	Replacement pivot pin for all cutting wheels with 5 mm bore hole	5 PCS
0703 531 106	Replacement pivot pin for all cutting wheels with 6.2 mm bore hole	5 PCS
0703 531 111	Replacement pivot pin for all cutting wheels with 8 mm bore hole	5 PCS
0710 149 189	Replacement pivot pin for steel pipe cutters	5 PCS

Plastic pipe shears

Product description:
For cutting PE pipes, PP pipes, PVDE pipes and composite pipes with a clean, right-angled and burr-free cut.
With lever transmission and a high-carbon steel blade.

Application area:
For laying underfloor heating.
For installation of all domestic pressurised water areas (plastic pipes are becoming more common for this than steel and copper pipes).
For all pipework installation in house construction, industry, gardening and agriculture.
For laying empty conduits in house construction.
For laying irrigation pipes in agriculture and gardening.



Art. No.	Max. cutting capacity in plastic pipe	Type (Typ)	Packaging unit (VPE)
0695 817 05	32 mm	Size 1	1 PCS
0695 817 06	42 mm	Size 2	1 PCS
0695 817 07	63 mm	Size 3	1 PCS

Replacement knife for plastic pipe shears

Product description:
For cutting PE pipes, PP pipes, PVDE pipes and composite pipes with a clean, right-angled and burr-free cut.
With lever transmission and a high-carbon steel blade.

Application area:
For laying underfloor heating.
For installation of all domestic pressurised water areas (plastic pipes are becoming more common for this than steel and copper pipes).
For all pipework installation in house construction, industry, gardening and agriculture.
For laying empty conduits in house construction.
For laying irrigation pipes in agriculture and gardening.



Art. No.	Type	Packaging unit (VPE)
0695 817 051	Size 1	1 PCS
0695 817 061	Size 2	1 PCS
0695 817 071	Size 3	1 PCS

RECA plastic pipe shears

Product description:
Light and sturdy high-pressure die-cast magnesium.
Quick, tool-free blade replacement system
Top-quality, „made in Solingen", stainless steel blades with PTFE coating
For right-angled, clean and burr-free cutting of PE pipes, PP pipes, PVDE pipes and composite pipes.

Application area:
For laying underfloor heating.
For installation of all domestic pressurised water areas (plastic pipes are becoming more common for this than steel and copper pipes).
For all pipework installation in house construction, industry, gardening and agriculture.
For laying empty conduits in house construction.
For laying irrigation pipes in agriculture and gardening.



Art. No.	Max. cutting capacity in plastic pipe	Length (Länge)	Weight	Packaging unit (VPE)
0703 510 26	26 mm	200.0 mm	235 g	1 PCS
0703 510 35	35 mm	275.0 mm	270 g	1 PCS
0703 510 42	42 mm	220.0 mm	430 g	1 PCS
0703 510 63	63 mm	240.0 mm	610 g	1 PCS

Blade for RECA plastic pipe shears with replacement pivot pin

Product description:
Quick, tool-free blade replacement system
Top-quality, „made in Solingen", stainless steel blades with PTFE coating

Application area:
For laying underfloor heating.
For installation of all domestic pressurised water areas (plastic pipes are becoming more common for this than steel and copper pipes).
For all pipework installation in house construction, industry, gardening and agriculture.
For laying empty conduits in house construction.
For laying irrigation pipes in agriculture and gardening.

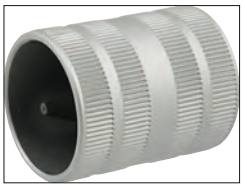


Art. No.	Type	Weight	Packaging unit (VPE)
0703 510 261	for shears up to 26 mm	40 g	1 PCS
0703 510 351	for shears up to 35 mm	55 g	1 PCS
0703 510 421	for shears up to 42 mm	80 g	1 PCS
0703 510 631	for shears up to 63 mm	145 g	1 PCS

Pipe deburrer

Product description:
Inner/outer reamer for easy and quick deburring.
Special arrangement of 3 ground and hardened steel cutters for chatter-free work.





Art. No.	Type	Packaging unit (VPE)
0710 199 436	For copper pipes, aluminium pipes and soft steel pipes from 4-36 mm	1 PCS
0710 199 430	For stainless steel, steel, copper, aluminium and hard plastic pipes from 8-35 mm	1 PCS
0710 199 431	For stainless steel, steel, copper, aluminium and hard plastic pipes from 10-56 mm	1 PCS

RECA plumbers' four-way wrench

Product description:
For removing and installing radiator valves and lockshield screw fittings.
Extremely robust construction in solid material.
3 x female threads for M8, M10, M12 stud screws.
4 x hexagon head for valve extensions: 3/8 inch (size 10), 1/2 inch (size 12), 3/4 inch (size 17), 1 inch (size 22).





Art. No.	Length	Width	Product weight (per item)	Packaging unit (VPE)
0695 891 001	20 cm	20 cm	560 g	1 PCS

Insertion tool for stud screws

Product description:
No more laborious manual screwing in of stud screws.
1/4 inch attachment for universal use on any screwdriver.

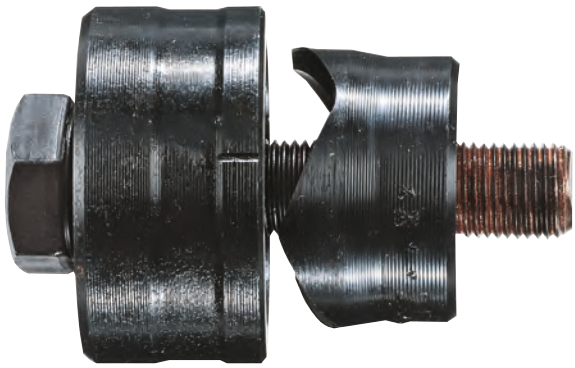


Art. No.	Type description	Adapter type	Length	Packaging unit (VPE)
0614 232 08	M 8	E 6.3	50.0 mm	1 PCS
0614 232 10	M 10	E 6.3	50.0 mm	1 PCS

3-point sheet puncher

Product description:
The hole puncher is used to punch holes in sheet copper, sheet steel, V2A and V4A sheet steel and plastics quickly, effortlessly, cleanly and without any burrs. Areas of application: Steel up to 3.0 mm, aluminium up to 3.5 mm, VA steel up to 2.0 mm, copper up to 3.5 mm, plastic up to 3.5 mm.

Advantages:
- The 3-point support prevents deformation, even when cutting thin sheets.



Art. No.	Diameter	Diameter in inches	Thread type x nominal diameter x pitch	Pitch	Packaging unit (VPE)
0695 855 01	28.3 mm	1-1/8 in	M12 x 1	1 mm	1 PCS
0695 855 02	31.7 mm	1-1/4 in	M12 x 1	1 mm	1 PCS
0695 855 03	35.0 mm		M12 x 1	1 mm	1 PCS

RECA basin wrench

Product description:
For trouble-free tightening and untightening of tap nuts underneath basins/ sinks, particularly in hard-to-reach and recessed areas.



Art. No.	Length	Packaging unit (VPE)
0710 199 125	235.0 mm	1 PCS

Telescopic basin wrench

Product description:
For trouble-free tightening and untightening of tap nuts underneath basins/ sinks, particularly in hard-to-reach and recessed areas.
Spring-loaded jaws in forged alloy steel allow fast, one-handed ratcheting.
Extends from 275 mm to 455 mm.



Art. No.	Min. length	Max. length	Packaging unit (VPE)
0695 800 072	275.0 mm	455.0 mm	1 PCS

Siphon & connector wrench

Product description:
For siphons, plastic pipes and connectors to Ø 80 mm.
Fine adjustment for optimal fit on a wide range of diameters (functions such as RECA Cobra pipe wrenches).
Robust, withstands high loads.
Ideal for tightening and loosening of siphon connectors, plastic pipe connectors and round union nuts.
For connectors and couplings with screwed connections (e.g. Cannon round



plug-in connector).
For gentle loosening of hoses and pipe connectors.
Box joint with 25-position adjustment.
Chromium-vanadium electric steel, die-forged, oil-hardened.

Advice:
Replacement jaws are available as item no.: 0703 800 022!



Art. No.	Length	Min. grip range	Max. grip range	Weight	Packaging unit (VPE)
0703 800 021	250 mm	10 mm	80 mm	355 g	1 PCS

Special wrench with slide M10

Product description:
For trouble-free tightening and untightening of M10 stud screws when fitting sinks/basins or toilets and for threaded connections on corner valves, e.g. on washbasins. Sliding stud screw insert.



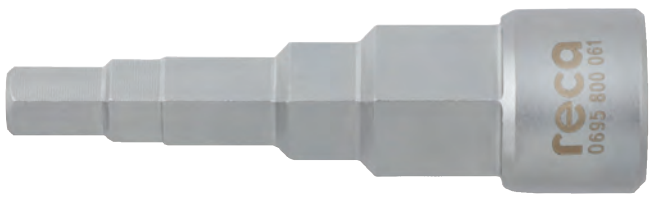
Art. No.	Width across flats	Length	Packaging unit (VPE)
0695 800 080	17 x 19 mm	223.0 mm	1 PCS

Ratchet with square drive 1/2“

Product description:
Ratchet suitable for combi stepped wrench.
Square drive through hole in head.



Combi stepped wrench 1/2 inch



Art. No.	Drive	Number of steps	Width across flats	Weight	Packaging unit (VPE)
0695 800 061	1/2 inch	5	10 mm, 3/8 inch, 7/16 inch, 11 mm, 12.7 mm, 1/2 inch, 16 mm, 21 mm	152 g	1 PCS

reca basin wrench with interchangeable inserts

Product description:
Ideal for fitting single lever mixer taps.
Hexagon size 13, includes 3 interchangeable adapters size 10, 11, 14.
Made of chromium-vanadium steel



Art. No.	Length	Packaging unit (VPE)
0710 199 120	260 mm	1 PCS

RECA composite pipe shears 26 mm

Product description:
RECA composite pipe shears with integrated protective corrugated pipe cutter. 4 needle-bearing guide rollers facilitate the rotating of the pipe during cutting. Optimal cutting geometry and with PTFE coating. Blade „Made in Solingen".
Integrated protective corrugated pipe cutter: Cutting of the protective corrugated pipe (18-35 mm) without damaging the inner pipe. The 4 triple-edged PTFE-coated blades on the handle end can each be rotated by 120°, this ensures a service life that is three times longer.
Rotation system with steel-mounted axle and needle bearing „inside" the shears for long service life.



Advantages:
- Blade automatically retracts
- One-hand closing system
- Two-component handle with anti-impact absorption
- Shears made from magnesium die cast = low weight but still robust!

Application area:
Suitable for all types of composite pipe and medium to thick-walled plastic pipes with and without protective corrugated pipes.

Advice:
Cut the pipe as it rotates!
Spare blade and protective corrugated pipe spare blades are available as accessories.

Art. No.	Min./max. cutting capacity in composite pipe	Length	Weight	Packaging unit (VPE)
0703 510 740	0-26 mm	185 mm	275 g	1 PCS

RECA hose & plastic pipe shears

Product description:
RECA hose & plastic pipe shears for separating hoses and plastic pipes up to max. 28 mm or 1 1/8 inch.
Minimum application power for cutting.
Blade „Made in Solingen" with optimal cutting geometry and PTFE coating.
Rotation system with steel-mounted axle and needle bearing „inside" the shears for long service life.



Advantages:
- Blade automatically retracts
- One-hand closing system
- Two-component handle with anti-impact absorption
- Shears made from magnesium die cast = low weight but still robust!

Application area:
For e.g. pneumatic hoses, water hoses, flexible hoses made of plastic, soft and thin-walled plastic pipes, electrical empty pipes.

Art. No.	Min./max. cutting capacity in plastic pipe	Length	Weight	Packaging unit (VPE)
0703 510 730	0-28 mm	196 mm	218 g	1 PCS

Spare parts for RECA composite pipe shears 26 mm

Product description:
0703 510 741: Spare blade for RECA composite pipe shears 26 mm (0703 510 740).
Blade „Made in Solingen" with optimal cutting geometry and PTFE coating.
0703 510 742: 4 tripled-edged spare blades with PTFE coating for cutting protective corrugated pipe.
Suitable for RECA composite pipe shears 26 mm (0703 510 740)



Art. No.	Packaging unit (VPE)
0703 510 741	1 PCS
0703 510 742	4 PCS

Spare blade for RECA hose & plastic pipe shears

Product description:
Spare blades for RECA hose & plastic pipe shears.
Blade „Made in Solingen" with optimal cutting geometry and PTFE coating.

Advice:
0703 510 721: Spare blade suitable for hose & plastic pipe shears 22 mm (0703 510 720).
0703 510 731: Spare blade suitable for hose & plastic pipe shears 28 mm (0703 510 730).



Art. No.	Packaging unit (VPE)
0703 510 721	1 PCS
0703 510 731	1 PCS

RECA hose & plastic pipe shears 22 mm

Product description:
RECA hose & plastic pipe shears for separating hoses and plastic pipes up to max. 22 mm or 7/8 inch.
Minimum application power for cutting.
Blade „Made in Solingen" with optimal cutting geometry and PTFE coating.

Advantages:
- Blade automatically retracts
- One-hand closing system
- Shears made from magnesium die cast = low weight but still robust!

Application area:
For e.g. pneumatic hoses, water hoses, flexible hoses made of plastic, soft and thin-walled plastic pipes, electrical empty pipes.







Art. No.	Min./max. cutting capacity in plastic pipe	Length	Weight	Packaging unit (VPE)
0703 510 720	0-22 mm	168 mm	148 g	1 PCS

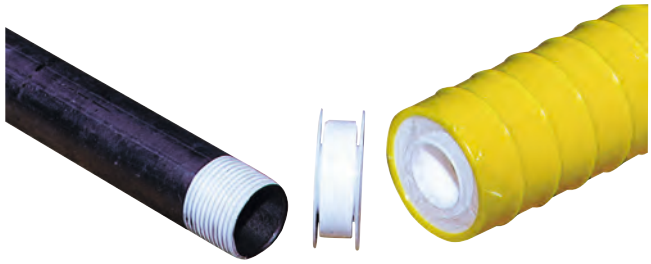


PTFE thread seal tape

Application area:
PTFE thread seal tape for the application area of thread sealants in installations in accordance with DIN EN 751-3. The product is free of silicone, halogens, plasticisers, synthetic oils and greases.

Field of Application:
Temperature application range for gas -20 to +125°, for drinking water up to + 95°, for hot water up to +125°
Pressure for gas up to max. 5 bar, for drinking water up to max. 16 bar, for hot water up to max. 7 bar

Advice:
Roll length always 12 m, roll width always 12 mm, weight data (see table) in g/m²



Auszug aus Tabelle 1: Anwendungsbereich von Gewindedichtmitteln in der Installation nach DIN EN 751-3

Artikel-Nr.	Klasse	Medium	Temperatur bereich °C	Druck bar	Gewinde DIN	Nennweite
0985 030 168	FRp (PTFE-Band)	Gas	-20 bis 125	5	2999-1	DN ≤ 10*
		Trinkwasser	bis 95	16	2999-1	DN ≤ 10*
		Heisswasser	bis 125	7	2999-1	DN ≤ 10*
0985 030 167	GRp (PTFE-Band)	Gas	-20 bis 125	5	2999-1	10 < DN ≤ 50
		Trinkwasser	bis 95	16	2999-1	10 < DN ≤ 50
		Heisswasser	bis 125	7	2999-1	10 < DN ≤ 50

*PTFE-Bänder der Klasse FRp können auch bei anderen Nennweiten angewandt werden, wenn die Anzahl der Gewindegänge ≥ 7,5/cm ist

Art. No.	Type	Type description	Thickness	Weight	Packaging unit (VPE)
0985 030 167	< < 50°	Yellow core, yellow case	0.1 mm	100	10 PCS
0985 030 168	< 10°	White core, yellow case	0.1 mm	60	10 PCS
0985 030 165	PTFE thread seal tape	White core, white case	0.08 mm		10 PCS

Tow coil/plait

Product description:
Tow for sealing threaded connections

Advantages:
- Area of application - gas: Temperature -20 to + 80°C, pressure 4 bar, suitable for all gas types including natural gas and LPG in gaseous phase
- Area of application - water (hot and cold drinking water, heating):
- Temperature up to +95°C: Pressure 16 bar
- Temperature up to +130°C, pressure 6 bar



Art. No.	Content remark	Packaging unit (VPE)
0982 990 80	80 gr. tow coil	10 PCS
0982 990 200	200 g knotted hemp	10 PCS

Loctite 55 pipe sealing cord

Product description:
LOCTITE® 55™ is a universal thread sealing tape that is wrapped around the pipe thread from the dispenser.
DVGW-approved DV - 5142 AUO166
EN 751-2
DIN 30660

Field of Application:
Plumbing, heating, container construction, pipework, gas line construction and domestic engineering systems



Art. No.	Content remark	Packaging unit (VPE)
0982 998 55	Coil with 150 m	1 PCS

Jointing compound, Neo Fermit

Product description:
Non-toxic jointing compound for domestic installations. It is solvent-free, does not dry up and does not irritate the skin in any way.

Field of Application:
Tested in accordance with DIN 30.660 and approved by DVGW for domestic installation of gas lines and drinking water pipes, complies with DIN-DVGW reg. no. 93.01 c 188; for metallic threaded connections, use in conjunction with hemp





Art. No.	Content remark	Packaging unit (VPE)
0982 995 150	150 g tube	1 PCS
0982 995 400	450 g can	1 PCS

Jointing compound Plastic Fermit

Product description:
White, permanently elastic, plastic-based sealant for installation of plumbing systems, particularly suitable for installing fittings on washbasins, bath tubs, etc.

Field of Application:
Suitable for hot and cold water, good bonding properties, temperature-resistant to +100°C, not suitable for objects made from natural stone and marble



Art. No.	Content remark	Packaging unit (VPE)
0982 996 250	250 g can	1 PCS
0982 996 500	500 g can	1 PCS

Ulith - lubricant in a tube

Field of Application:
for HT pipe connections and plastic plug-in sleeve systems



Art. No.	Content remark	Packaging unit (VPE)
0982 997 250	250-ml tube	1 PCS
0982 997 500	500-ml tube	1 PCS

Lubricant in a dispenser

Product description:
Lubricant for all push-fit pipe connections, especially for plastic pipes; free from acids and alkalis, can also be used for drinking water pipes, does not irritate the skin, biologically degradable, frost proof to -5°C, use undiluted



Art. No.	Content remark	Package size	Packaging unit (VPE)
0982 998 250	250 ml bottle	24	1 PCS

Stop end with brass threaded insert

Product description:
Tough, fibreglass-reinforced design for long-term use on construction sites. The brass threaded insert is equipped with a hexagon socket for unscrewing the tightened threaded section. Sealed using the supplied o-ring. The stop ends are packed in a practical RECA dispenser box.





Art. No.	Colour	Connection thread	Packaging unit (VPE)
0860 801 126	Blue	1/2 inch	50 PCS
0860 801 125	Red	1/2 inch	50 PCS

Stop end with plastic thread

Product description:
The stop ends with plastic threads are only approved for a one-off seal check. Sealed using the supplied o-ring. The stop ends are packed in a practical RECA dispenser box.

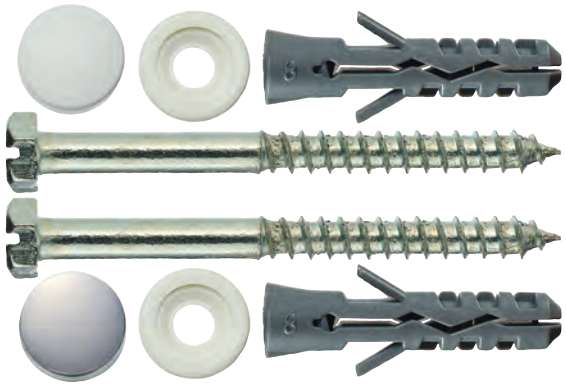




Art. No.	Colour	Connection thread	Packaging unit (VPE)
0860 801 122	Blue	1/2 inch	50 PCS
0860 801 121	Red	1/2 inch	50 PCS

Toilet fastener set

Product description:
Previously, using the old installation method with a slotted screw and dowel, space restrictions made it almost impossible to mount the toilet seat correctly and securely. Lack of space by the object prevents the tool from holding the screw securely. Therefore, the fastening may not be secure enough and may slip slightly which can damage the ceramic object.
The hexagon head can also be used in a reversible ratchet as it requires little space.



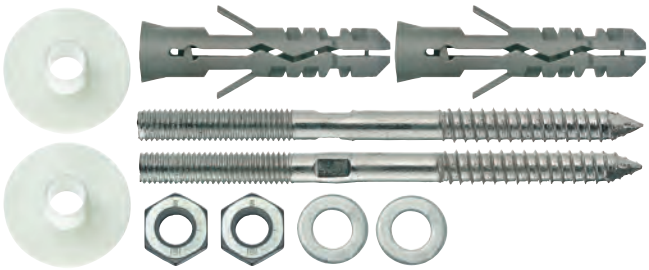
Advantages:
- Increased performance during installation as no contact pressure is required.
- Reliable, correct attachment thanks to the great transfer of power with little effort.

Application area:
For securing floor-mounted toilets on concrete

Art. No.	Packaging unit (VPE)
0903 999 570	25 PCS
0903 999 571	25 PCS

Washbasin fastening

Application area:
For attaching washbasins to
concrete, lightweight concrete, solid brick, sand-lime brick, plaster, natural stone and other pressure-resistant solid materials



Art. No.	Packaging unit (VPE)
0905 920 100	15 PCS

ERWIN stapler

Product description:
Special system of stapler gun and staples for reliable installation of underfloor heating. Professional stapler gun and staples, injection moulded from new plastic material, with great flexibility and retention force.

Advantages:
- The green staples (40 mm long) are injection moulded from new, high-quality, non-recycled PPC plastic material; this guarantees consistent quality and a high level of flexibility to prevent damage to delicate plastic pipes. Well-defined barbs for reliable retention force.

Field of Application:
Robust, professional stapler for absolutely trouble-free placement of staples. Well-balanced for comfortable and fatigue-free work. Large D-shaped handle and large cartridge for at least 100 staples.





Art. No.	Type description	Packaging unit (VPE)
0864 61	Professional stapler	1 PCS
0864 611 100	Staples	1000 PCS



Hard hat

Product description:
Occupational hard hats with smooth, impact-resistant helmet shell made of polyethylene, 6-point interior fitting, 30 mm insert pocket for hearing protection, size: 53–66 cm



Advantages:
- Low neck guard with rain groove
- Ventilation holes
- Gradual width adjustment
- Towelling sweatband
- Very light and pleasant to wear
- Tested at temperatures down to -30°C

Field of Application:
Complies with the regulations in the following areas: Construction, agriculture, forestry, metal construction, plant machinery and vehicles, shipyards, transport, traffic, etc.

Advice:
Check the helmet for damage on a regular basis („cracking" test)!

EN standard: 397
Weight: 325 g

Art. No.	Colour	Packaging unit (VPE)
0687 101 5	Blue	1 PCS
0687 102 5	Orange	1 PCS
0687 101	White	1 PCS
0687 102	Yellow	1 PCS







Hard hat

Product description:
Hard hat in the shape of a baseball cap in a very slim and fashionable design. Integrated reflective strips for improved visibility and perforated surface for optimum ventilation. Has a sewn-in towelling sweatband and a hard plastic shell with an EVA comfort foam insert for shock reduction, as well as ventilation slots. Velcro fastener provides large adjustment range.



- Weight: 185 g
- Colour: black/green
- Head size: 53-59 cm
- Peak length: 7 cm
- Cover washable at up to 40 degrees

Advantages:
- Very comfortable to wear thanks to EVA foam inserts
- Modern design

- Reflective strips for improved visibility



Field of Application:
For secondary contract work, work in automotive workshops, mechanic's work, garden/landscaping work, shippers. For working in shelving and storage areas, underneath lifting platforms and interior work.
Wherever head protection is required.

Advice:
The cap is no substitute for industrial or hard hats to DIN 397.

If worn regularly, we recommend that the hard hat is disposed of after 2 years – particularly when used outdoors.

Type description: Hard hat
EN standard: 812
Colour: Black/green
Weight: 185 g

Art. No.	Packaging unit (VPE)
0687 104 100	1 PCS

Protective mask

Product description:
Protective mask, folding, with clear polycarbonate screen 345 x 200 mm

Advantages:
- Adjustable headband
- Curved front section protects the head
- Foam forehead band for a pressure-free fit



Field of Application:
Protection for grinding and cutting work, as well as against dripping or splashing liquids

EN standard: 166
Mechanical strength: F (45m/s)
Colour of disc: Clear

Art. No.	Type description	Packaging unit (VPE)
0687 103	Protective mask	1 PCS
0687 104	Spare screen	1 PCS

Face protection shield BT

Product description:
Face protection shield with polycarbonate lens for perfect protection in grinding and cutting work, as well as against dripping or spraying liquids.

Advantages:
- Optimum safety and user comfort
- Specially shaped for optimum protection in the forehead, face, and chin area
- Simple, fast lens replacement
- Multiple adjustable visor angle
- Simple and universal adjustment of the headband with ratchet closure on the back
- Pre-formed, resistant polycarbonate visor for perfect all-round vision
- Additional test (T) for resistance to high-speed particles at extreme temperatures

Field of Application:
Construction sites, metalworking, chemical industry, heavy industry, and paintwork

EN standard: 166
Mechanical strength: B (120m/s)
Colour of disc: Clear







Art. No.	Type description	Packaging unit (VPE)
0687 103 100	Face protection shield BT	1 PCS
0687 103 101	Spare screen for face protection shield BT	1 PCS





Automatic welding helmet p550

Product description:
The sensitivity of the sensors can be adjusted for the welding process and working conditions. The external lens provides optimal protection against spatter and welding smoke. The switching time from dark to light can be regulated using the delayed opening function. The helmet offers unbeatable comfort thanks to the combination of optimal weight distribution and the convenient, adjustable head band. The helmet has a true-to-colour anti-glare filter for realistic colour perception.

UV/IR rays always filtered out in compliance with DIN standards
Optimised air flow and smoke-repellent

Eye protection: Maximum UV & IR protection in all protection level settings
Classification EN 379: 1/1/1/2
Classification EN 175: B (120m/s impact resistance)
Switching time from light to dark: 0.220 ms at room temperature, 0.165 ms at



55 degrees
Switching time from dark to light: 0.05 - 1.5 sec., infinitely variable selection
Usage temperature: -10 to +70°
Power supply: Solar cells and batteries (CR 2032) — no need to switch on and off





Advantages:
- Opening delay — switching time from dark to light can be set to „slow" or „fast"
- Spoilers prevent damage to the glass in the event of it falling out
- Comfortable headband
- Sensitivity regulation
- Operating unit outside the helmet

Application area:
The helmet is suitable for all common welding processes, with the exception of gas and laser welding.

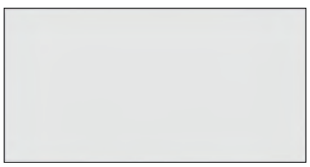
Type description: p550
EN standard: 175, 379
Colour: Black/green
Cassette width x cassette height x cassette thickness: 110 x 90 x 7 mm
Weight: 495 g

Art. No.	Packaging unit (VPE)
0687 108 550	1 PCS

Spare parts for welding helmets



Art. No.	Type description	EN standard	Colour	Protection level	Packaging unit (VPE)
0687 108 003	External lens for p550	166		0 - not applicable	5 PCS
0687 108 005	Head band		Black		2 PCS
0687 108 004	Internal lens	166			5 PCS





Welding protection shield

Product description:
Welding protection shield fully lined with fibreglass cloth, rounded pre-assembled model, DIN and CE certified, with handle

Advantages:
- Flame retardant
- UV-resistant
- Cold and heat-resistant from -20 to +200°C

Advice:
Supplied without glass

EN standard: 175
Colour: Black
Glass height x glass width: 90 x 110 mm



Art. No.	Packaging unit (VPE)
0687 105	1 PCS

Welding protection shield with head band

Product description:
Fully lined with fibreglass cloth, with lockable plastic strap. Suitable for hands-free work - lightweight design, only 440 g

Advantages:
- Flame retardant
- UV-resistant
- Cold and heat-resistant from -20 to +200°C

Advice:
Supplied without glass

EN standard: 175
Colour: Black
Glass height x glass width: 90 x 110 mm



Art. No.	Packaging unit (VPE)
0687 107	1 PCS

Welding lens

Product description:
Welding lens suitable for plastic welding protection shields

Type description: Green
Glass height x glass width: 90 x 110 mm



Art. No.	Protection level	Packaging unit (VPE)
0687 111	9	10 PCS
0687 112	10	10 PCS
0687 113	11	10 PCS

Welding lens

Product description:
Welding lens suitable for plastic welding protection shields

Type description: Aulektro
Glass height x glass width: 90 x 110 mm



Art. No.	Protection level	Packaging unit (VPE)
0687 114	9	10 PCS
0687 115	10	10 PCS
0687 116	11	10 PCS

Welding lens

Product description:
Welding lens suitable for plastic welding protection shields

Type description: Aulektro, gold-mirrored
Glass height x glass width: 90 x 110 mm



Art. No.	Protection level	Packaging unit (VPE)
0687 117	9	10 PCS
0687 118	10	10 PCS
0687 119	11	10 PCS
0687 120	12	10 PCS

External lenses

Product description:
Welding lens suitable for plastic welding protection shields

Protection level: 0 - not applicable
Glass height x glass width: 90 x 110 mm



Art. No.	Type description	Packaging unit (VPE)
0687 109	Glass	10 PCS
0687 110	Plastic	10 PCS

Welding goggles

Product description:
Folding welding goggles made from soft plastic with uncoloured polycarbonate lenses. Green welding lenses fixed to folding section, level DIN 5

Advantages:
- Suitable for spectacle wearers
- Indirect ventilation system for eye comfort
- Adjustable rubber strap
- Folding welding glasses

Advice:
Information in the technical features of the protective lens refers to the internal lenses.



Type description: Weldmaster
EN standard: 166, 169
Mechanical strength: F (45m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Protection level: 5
Weight: 110 g

Art. No.	Packaging unit (VPE)
0687 201	1 PCS

Nylon safety glasses

Product description:
Safety glasses with side protection that provides a tight seal

Advantages:
- Uncoloured, shatterproof lenses, Ø: 50 mm
- The lenses can be easily replaced using the central screw
- With side protection
- In accordance with CE EN 166



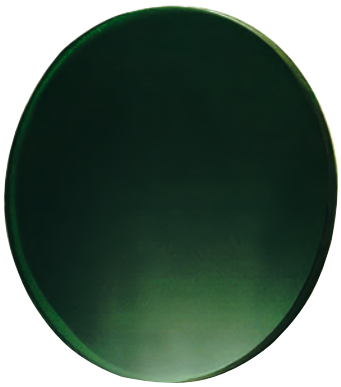
Type description: Nylon safety glasses
EN standard: 166
Colour of safety lens: Clear
Material of safety lens: Glass
Protection level: 0 - not applicable
Weight: 45 g

Art. No.	Packaging unit (VPE)
0687 200	1 PCS

Spare lenses

Product description:
Suitable for welding goggles, welding glasses, folding and nylon safety glasses with side protection.

Material of safety lens: Glass



Art. No.	Type description	Colour of safety lens	Protection level	Packaging unit (VPE)
0687 200 005	Aulektro	Green	5	10 PCS
0687 200 003	Glass, splinter-proof	Clear	0 - not applicable	10 PCS



5X1 safety glasses with frame

Absolute versatility and perfect protection

Product description:
Can be used in a versatile way and developed to guarantee the highest level of wear comfort and optimal protection in every work situation. Exchangeable lenses and additional protective frame with head band make the safety glasses an excellent accompaniment.

- SoftPad technology
- Distinct „wrap-around" panel for extra protection in the eye area
- Lens made from polycarbonate
- Frame can be adjusted in length and inclination
- Soft, patented nose bridge with height adjustment, developed to reduce pressure on the nose
- Quick exchange of the frame for an elasticated head band
- Quick exchange of the lenses
- Simple mounting of the rubber edging
- UV 400 protection
- Anti-scratch and anti-fog coating PLUS
- F - Mechanical strength, low-energy impact - 45m/s
- T - Additional test for resistance to high-speed particles at extreme temperatures
- K - Resistance to surface damage caused by fine particles
- N - Anti-fogging properties of the lens











Advantages:
- Frame equipped with SoftPad technology; length and inclination can be adjusted
- Specially shaped lens for optimal protection
- Hybrid technology for use with frame or head band
- Panels can be changed

Field of Application:
Mechanical work under good visibility conditions and work outside, on construction sites etc.





Art. No.	Type description	EN standard	Mechanical strength	Colour of safety lens	Material of safety lens	Weight	UV protection	Packaging unit (VPE)
0687 213 011	5X1 replacement lens, clear	166, 170	F (45m/s)	Clear	Polycarbonate	14 g	400 nm	1 PCS
0687 213 021	5X1 replacement lens, grey	166, 170, 172	F (45m/s)	Grey	Polycarbonate	14 g	400 nm	1 PCS
0687 213 010	5X1 safety glasses with frame, clear	166, 170	F (45m/s)	Clear	Polycarbonate	28 g	400 nm	1 PCS
0687 213 020	5X1 safety glasses with frame, grey	166, 170, 172	F (45m/s)	Grey	Polycarbonate	28 g	400 nm	1 PCS

Art. No.	Type description	EN standard	Mechanical strength	Colour of safety lens	Material of safety lens	Weight	UV protection	Packaging unit (VPE)
0687 213 030	Accessories set 5X1	166				17 g		1 PCS





Racer safety glasses with frame

Product description:
Safety glasses in a sporty design. Comfortable fit of the glasses due to two-component frame and soft nose pad.

Advantages:
- Straight, sporty frame
- Soft, two-part frame for pressure-free fit
- Mist-free polycarbonate lens
- Optical quality class 1

EN standard: 166
Mechanical strength: F (45m/s)
Material of safety lens: Polycarbonate
Weight: 24 g



Art. No.	Colour of safety lens	UV protection	Packaging unit (VPE)
0687 220 010	Clear	380 nm	1 PCS
0687 220 020	Grey	400 nm	1 PCS



Crystal safety glasses with frame

Product description:
Safety glasses in a modern design with lenses pulled back to the side for enhanced side protection

Advantages:
- Flexible, perforated frame for a pressure-free fit
- Mist-free polycarbonate lenses
- Optical quality class 1

EN standard: 166
Mechanical strength: F (45m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Weight: 24 g



Art. No.	Packaging unit (VPE)
0687 230 010	6 PCS

Speedy safety glasses

Product description:
Safety glasses with blue frame

Advantages:
- Frame can be adjusted in length
- Large polycarbonate lenses for clear unobstructed vision and coverage
- Mist-free polycarbonate lens
- Optical quality class 1

EN standard: 166
Mechanical strength: F (45m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Weight: 34 g



Art. No.	Packaging unit (VPE)
0687 203	1 PCS

Overspec protective goggles and over-goggles

Product description:
Protective goggles and over-goggles made from uncoloured polycarbonate

Advantages:
- With side and eyebrow protection
- Suitable for spectacle wearers
- Optical quality class 1

EN standard: 166
Mechanical strength: F (45m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Weight: 39 g



Art. No.	Packaging unit (VPE)
0687 205	1 PCS

5X7 over-goggles

Product description:
Thanks to their ideal shape, the over-goggles offer optimum levels of protection and comfort. Elaborate frame design prevents overlapping and ensures an optimum fit thanks to the SoftPad technology. Length-adjustable frame.

- „Plus" scratch-resistant and anti-fog coating
- F– Mechanical strength, low-energy impact – 45 m/s
- T – Additional test for resistance to high-speed particles at extreme temperatures
- K – Resistance to surface damage caused by fine particles
- N – Anti-fogging properties of the lens
- High impact-resistant polycarbonate lens



Advantages:
- SoftPad technology
- Optimum protection for corrective glasses
- UV 400 protection





Field of Application:
Over-goggles for corrective glasses

Type description: 5X7 over-goggles
EN standard: 166, 170
Mechanical strength: F (45m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Weight: 37 g
UV protection: 400 nm



Art. No.	Packaging unit (VPE)
0687 211 010	1 PCS

Vision full-vision goggles

Product description:
The Vision full-vision goggles provide optimised product characteristics thanks to the combination of two different components. The flexible soft component adjusts optimally to individual face shapes. This prevents pressure spots and ensures the goggles are sealed all the way around. The robust hard component guarantees exceptional stability and optimal protection. Perfect ventilation ensures the wearer feels comfortable. The large polycarbonate lenses provide plenty of space for spectacle wearers and an outstanding 360-degree view.



Lenses
- B - Mechanical strength, medium-energy impact - 120 m/s
- T - Protection against high-speed particles at extreme temperatures (-5 to +55°C)
- N - Anti-fogging properties
-
- Frame
- 3 - Protection against liquid droplets
- 9 - Molten metals do not stick and resistance against the penetration of hot solids



Advantages:
- Two-component technology for outstanding comfort
- Perfect ventilation to keep the eyes comfortable
- Large polycarbonate lenses for an outstanding 360-degree view
- Suitable for spectacle wearers
- Optical quality class 1
- Wide, easily adjustable rubber strap

EN standard: 166
Mechanical strength: B (120m/s)
Colour of safety lens: Clear
Material of safety lens: Polycarbonate
Weight: 87 g

Art. No.	Packaging unit (VPE)
0687 204 010	1 PCS

Full-vision safety goggles

Product description:
Flexible full-vision safety goggles with uncoloured polycarbonate lenses



Lenses
- F - Mechanical strength, low-energy impact - 45 m/s
- N - Anti-fogging properties
-
- Frame
- 3 - Protection against liquid droplets
- 4 - Protection against large particles

Advantages:
- Indirect ventilation
- Suitable for spectacle wearers
- Optical quality class 1
- Adjustable rubber strap

EN standard: 166
Mechanical strength: F (45m/s)

Colour of safety lens: Clear
Material of safety lens: Cellulose acetate
Weight: 70 g

Art. No.	Packaging unit (VPE)
0687 204	6 PCS

6X1 safety glasses

Product description:
The 6X1 safety glasses are both comfortable and lightweight and offer all the benefits of full-vision safety glasses. The glasses can be worn with either a frame or a head band, increasing flexibility and making them ideal for both short-term work and work over a longer period. Both clear and tinted lenses are available.



- Soft rubber edging with no pressure points
- Certified in accordance with EN 166 designation „3" (protection against droplets and splashes) and „4" (protection against large dust particles)
- „Plus" scratch-resistant and anti-fog coating
- F – Mechanical strength, low-energy impact – 45 m/s
- T – Additional test for resistance to high-speed particles at extreme temperatures
- K – Resistance to surface damage caused by fine particles
- N – Anti-fogging properties of the lens
- High impact-resistant polycarbonate lens





Advantages:
- Wide lens for an undistorted field of vision
- Frame equipped with SoftPad technology; length and inclination can be adjusted
- Advanced indirect ventilation system



Field of Application:
Thanks to their versatility, the 6X1 full-vision safety glasses can be used in a whole host of applications — from lathing and grinding work through to work outdoors.

EN standard: 166, 170
Mechanical strength: F (45m/s)
Weight: 57 g
UV protection: 380 nm



Art. No.	Type description	Colour of safety lens	Material of safety lens	Packaging unit (VPE)
0687 212 010	6X1	Clear	Polycarbonate	1 PCS
0687 212 020	6X1	Grey	Polycarbonate	1 PCS
0687 212 030	RX correction insert			1 PCS






Goggles case

Product description:
Extremely strong case with belt loop

Advantages:
- With belt loop
- Reinforced zip
- Additional space for spare lenses
- Can be folded together to save on space

Field of Application:
Suitable for all RECA glasses



Art. No.	Packaging unit (VPE)
0687 210 002	1 PCS

SONOR 28 ear defenders

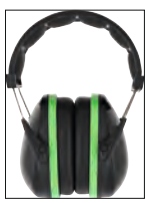
Product description:
The ear defenders offer sound-deadening performance of 28 dB (A). Equipped with a high-quality steel bracket for constant pressure and two-point suspension for optimum
adjustment. Height infinitely adjustable. Ergonomic casings are very comfortable to wear.

Advantages:
- Excellent wear comfort
- Very light weight
- Ideal for short-term or long-term use
- Colour traffic light system for identification of sound-deadening performance
- Length adjustment
- Padded headband

Field of Application:
Universal when working in areas where it is necessary to wear hearing protection.

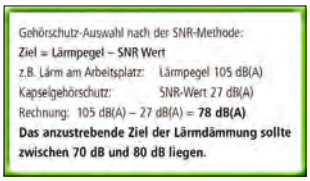


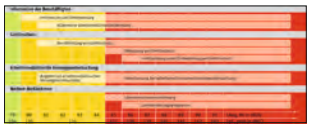
Type description: SONOR 28
EN standard: 352-1
Colour: Black/green
SNR attenuation value (10): 28 dB
L attenuation value (40): 29 dB
M attenuation value (30): 26 dB
H attenuation value (20): 19 dB

Weight: 210 g

Art. No.	Packaging unit (VPE)
0687 300 041	1 PCS







SONOR 30 ear defenders

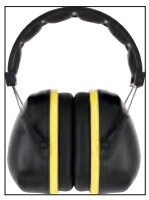
Product description:
The ear defenders offer sound-deadening performance of 30 dB (A). Equipped with a high-quality steel bracket for constant pressure and two-point suspension for optimum
adjustment. Height infinitely adjustable. Ergonomic casings are very comfortable to wear.



Advantages:
- Excellent wear comfort
- Very light weight
- Ideal for short-term or long-term use
- Colour traffic light system for identification of sound-deadening performance
- Length adjustment
- Padded headband

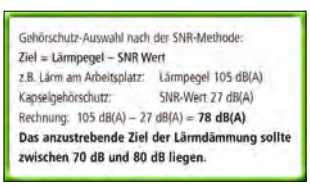
Field of Application:
Universal when working in areas where it is necessary to wear hearing protection.

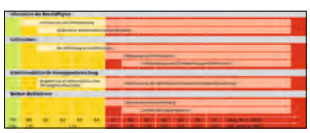




Type description: SONOR 30
EN standard: 352-1
Colour: Black/yellow
SNR attenuation value (10): 30 dB
L attenuation value (40): 29 dB
M attenuation value (30): 28 dB
H attenuation value (20): 23 dB
Weight: 251 g

Art. No.	Packaging unit (VPE)
0687 300 051	1 PCS







SONOR 33 ear defenders

Product description:
The ear defenders offer sound-deadening performance of 33 dB (A). Equipped with a high-quality steel bracket for constant pressure and two-point suspension for optimum
adjustment. Height infinitely adjustable. Ergonomic casings are very comfortable to wear.



Advantages:
- Excellent wear comfort
- Very light weight
- Ideal for short-term or long-term use
- Colour traffic light system for identification of sound-deadening performance
- Length adjustment
- Padded headband

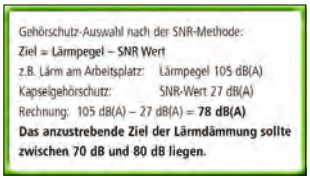
Field of Application:
Universal when working in areas where it is necessary to wear hearing protection.

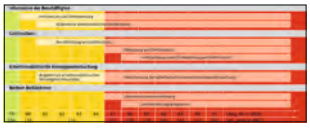




Type description: SONOR 33
EN standard: 352-1
Colour: Black/red
SNR attenuation value (10): 33 dB
L attenuation value (40): 33 dB
M attenuation value (30): 31 dB
H attenuation value (20): 25 dB
Weight: 271 g

Art. No.	Packaging unit (VPE)
0687 300 061	1 PCS







Arton ear defenders

Product description:
Ear defenders with adjustable headband and soft sealing pads.



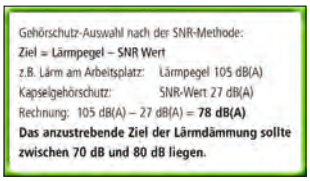
Advantages:
- Extremely comfortable to wear
- Infinitely variable adjustment of plastic frame
- Wide, comfortable sealing cushions
- Weight: 169 g

Field of Application:
Noise protection capacity: SNR 23 dB(A)

EN standard: 352-1
Colour: Blue/black
SNR attenuation value (10): 23 dB

L attenuation value (40): 14 dB
M attenuation value (30): 20 dB
H attenuation value (20): 27 dB

Art. No.	Packaging unit (VPE)
0687 300 001	1 PCS







RECA ear defenders for hard hats

Product description:
The ear defenders for hard hats provide a noise protection capacity of 29 dB (A) and are attached to the hat with a 30 mm adapter. Fitted with a high-quality steel bar for constant contact pressure and a two-point attachment for optimum adjustment. Height steplessly adjustable. Ergonomic capsules are very comfortable to wear.

Advantages:
- Extremely comfortable to wear, ideal for long periods of use
- Weight: 255 g

Field of Application:
Noise protection capacity: SNR 29 dB(A)

Advice:
Suitable for hard hots with 30 mm slot.



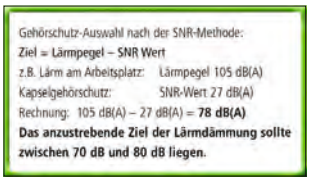
EN standard: 352-3
Colour: Black
SNR attenuation value (10): 29 dB
L attenuation value (40): 23 dB
M attenuation value (30): 27 dB
H attenuation value (20): 29 dB

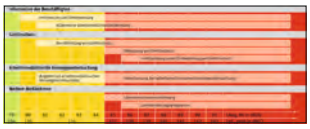






Art. No.	Packaging unit (VPE)
0687 300 031	1 PCS







Artiflex banded ear plugs

Product description:
Banded ear plugs with replaceable plugs

Advantages:
- Chin strap
- Can be reused multiple times
- Very light and comfortable
- Weight: 11.6 g

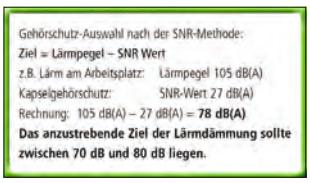
Field of Application:
Noise protection capacity: SNR 24 dB(A)

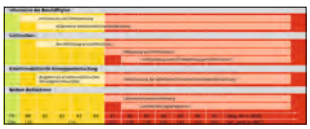
Advice:
Spare plugs: 10 pairs per packing unit



EN standard: 352-2
Colour: Orange
SNR attenuation value (10): 24 dB
L attenuation value (40): 18 dB
M attenuation value (30): 20 dB
H attenuation value (20): 27 dB

Art. No.	Type description	Packaging unit (VPE)
0687 301 002	Banded ear plugs	1 PCS
0687 301 003	Spare plugs	10 PCS







EAR Classic II ear plugs

Product description:
One of the most used forms of hearing protection. Roll the yellow polymer foam between the thumb and forefinger and then place in ears.

Advantages:
- Very comfortable to wear
- 250 pairs in dispenser, packaged in pairs in padded boxes

Field of Application:
Noise protection capacity: SNR 28 dB(A)

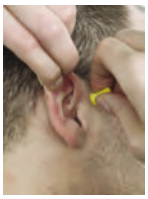
EN standard: 352-2
Colour: Yellow
SNR attenuation value (10): 28 dB
L attenuation value (40): 22 dB
M attenuation value (30): 24 dB
H attenuation value (20): 30 dB

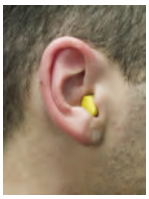


Art. No.	Packaging unit (VPE)
0687 301 001	250 PCS









RECA Flexi ear plugs

Product description:
Conical ear plugs made from PU foam provide outstanding noise protection and permanently recover their original shape. The conical plug can be comfortably inserted by lightly rolling it between the thumb and forefinger.

Advantages:
- Very comfortable due to conical shape
- More hygienic thanks to smooth, dirt-resistant surface

Field of Application:
Noise protection capacity: SNR 37 dB(A)

Advice:
Soft foam for a high level of comfort, ideal for long periods of use within a work day. Recommended period of use: maximum of one working day.

1 unit = 1 pair

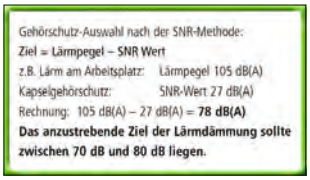


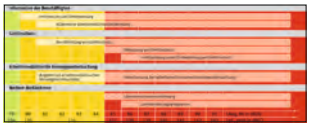
EN standard: 352-2
Colour: Green
SNR attenuation value (10): 37 dB
L attenuation value (40): 33 dB
M attenuation value (30): 34 dB
H attenuation value (20): 36 dB





Art. No.	Type description	Version	Packaging unit (VPE)
0687 330 011	Dispenser carton	In pairs in polybag	250 PCS
0687 330 111	Refill pack	Loose	250 PCS







uvex hi-com ear plugs

Product description:
The innovative, patented uvex hi-com ear plug significantly reduces the inner ear noise that occurs when wearing ear plugs. The ear plug is comfortable to wear, protects against noise and improves communication through excellent perception of speech and warning signals. The soft plug can be comfortably inserted by lightly rolling it, even in narrow ear canals.

Advantages:
- Extremely comfortable to wear
- 200 pairs in dispenser, packaged in pairs in polythene bags

Field of Application:
Noise protection capacity: SNR 24 dB(A)



EN standard: 352-2
Colour: Green
SNR attenuation value (10): 24 dB
L attenuation value (40): 18 dB
M attenuation value (30): 20 dB
H attenuation value (20): 26 dB

Art. No.	Packaging unit (VPE)
0687 330 021	200 PCS





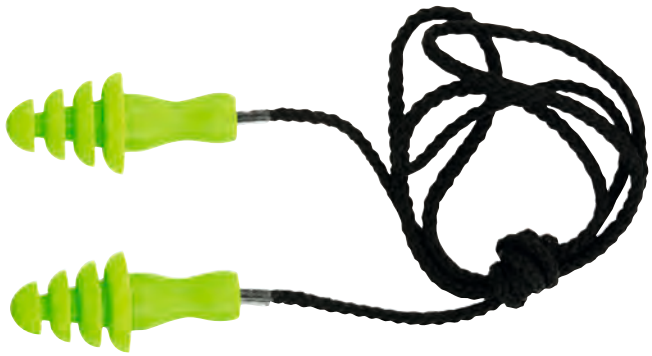
Noise Stop ear plugs

Product description:
The preformed ear plugs with connection cord (not attached) are reusable and very kind to the skin. Supplied in a transparent hygiene box with belt clip.

Advantages:
- Extremely comfortable to wear
- Four ribs to fit different sizes of ear canal
- Connection cord (not attached) helps to prevent loss
- Washable, therefore hygienic and reusable
- Supplied in pairs in transparent hygiene box with belt clip

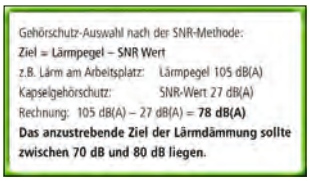
Field of Application:
Noise protection capacity: SNR 30 dB(A)

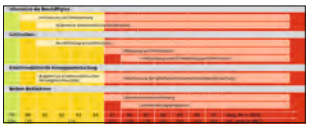
EN standard: 352-2
Colour: Green
SNR attenuation value (10): 30 dB
L attenuation value (40): 24 dB
M attenuation value (30): 27 dB
H attenuation value (20): 32 dB





Art. No.	Packaging unit (VPE)
0687 320 001	6 PCS







RECA ear plug dispenser

Product description:
Practical dispenser for ear plugs incl. fittings and instructions.

Advantages:
- Tipping function makes it quick and easy to fill
- Suitable for wall mounting or for use as a table top dispenser
- Rotary mechanism with collection tray for individual removal of plugs
- Capacity: 300 pairs

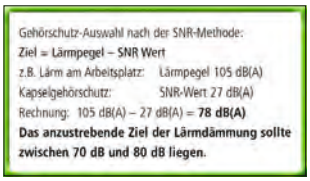
Field of Application:
Ideal for any workshop or in production facilities.

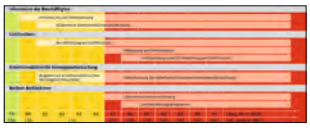
Advice:
Dispenser supplied empty

Colour: Black
Height (50): 525 mm
Width (60): 170 mm
Depth (70): 210 mm



Art. No.	Packaging unit (VPE)
0687 330 100	1 PCS





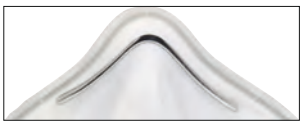


Cup-shaped mask M100 FFP1 NR D

Product description:
Particle-filtering cup-shaped breathing mask without valve, made from soft material for maximum comfort. Nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



Advantages:
- Nose clip for individual adjustment to fit the nose
- Flexible, adjustable headband for individual fit
- Comfortable sealing lip for maximum possible comfort
- Soft materials to avoid pressure points
- Produced without hazardous substances
- No metal clips, prevents skin irritations
- Pre-formed, ergonomic mask shape for better fixing of mask





Field of Application:
FFP1: Protects against non-toxic and non-fibrogenic, solid, aqueous and non-volatile liquid particles and aerosols up to 4 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.

Version: Without exhalation valve
Filter class: FFP1 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 101	20 PCS



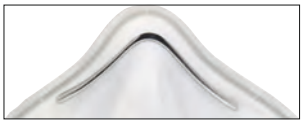


Cup-shaped mask M110 FFP2 NR D

Product description:
Particle-filtering cup-shaped breathing mask without valve, made from soft material for maximum comfort. Nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



Advantages:
- Nose clip for individual adjustment to fit the nose
- Flexible, adjustable headband for individual fit
- Comfortable sealing lip for maximum possible comfort
- Soft materials to avoid pressure points
- Produced without hazardous substances
- No metal clips, prevents skin irritations
- Pre-formed, ergonomic mask shape for better fixing of mask





Field of Application:
FFP2: Protects against solid, aqueous and non-volatile liquid particles and aerosols that are toxic or have a low level of toxicity up to 10 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.



Version: Without exhalation valve
Filter class: FFP2 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 102	20 PCS



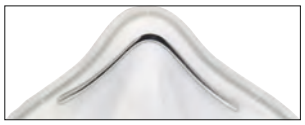


Cup-shaped mask M111 FFP2 V NR D

Product description:
Particle-filtering cup-shaped breathing mask with valve, made from soft material for maximum comfort. The exhalation valve for reducing exhalation resistance ensures the user feels comfortable wearing the mask. Nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



Advantages:
- Nose clip for individual adjustment to fit the nose
- Flexible, adjustable headband for individual fit
- Comfortable sealing lip for maximum possible comfort
- Soft materials to avoid pressure points
- Produced without hazardous substances
- No metal clips, prevents skin irritations
- Pre-formed, ergonomic mask shape for better fixing of mask





Field of Application:
FFP2: Protects against solid, aqueous and non-volatile liquid particles and aerosols that are toxic or have a low level of toxicity up to 10 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.



Version: With exhalation valve
Filter class: FFP2 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 103	15 PCS





Cup-shaped mask M120 FFP3 V NR D

Product description:
Particle-filtering cup-shaped breathing mask with valve, made from soft material for maximum comfort. The exhalation valve for reducing exhalation resistance ensures the user feels comfortable wearing the mask. Nose clip with flexible adjustment options and a circumferential sealing lip for optimum airtight fit. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue. 4-point head band attachment for secure fitting of masks.







Advantages:
- Nose clip for individual adjustment to fit the nose
- Flexible, adjustable headband for individual fit
- Comfortable sealing lip for maximum possible comfort
- Soft materials to avoid pressure points
- Produced without hazardous substances
- No metal clips, prevents skin irritations
- Pre-formed, ergonomic mask shape for better fixing of mask

Field of Application:
FFP3: Protects against toxic solid, aqueous and non-volatile liquid particles, mist, smoke, aerosols, carcinogenic substances, radioactive substances, enzymes and microorganisms up to 30 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.

Version: With exhalation valve
Filter class: FFP3 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 104	5 PCS



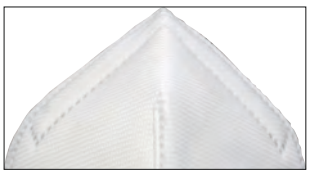
Folding mask M200 FFP1 NR D

Product description:
Particle-filtering folding breathing mask without valve, made from soft material for maximum comfort. Integrated nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



Advantages:
- Integrated nose clip for individual and secure fit
- Comfortable sealing lip for high comfort and reliable airtight fit
- Hygienic individual packaging
- Produced without hazardous substances
- Soft materials to avoid pressure points
- No metal clips, prevents skin irritations
- Small mask form, requires little space
- Flexible, adjustable headband for individual fit
- Very low weight
- Hydrophobic coating





Field of Application:
FFP1: Protects against non-toxic and non-fibrogenic, solid, aqueous and non-volatile liquid particles and aerosols up to 4 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.

Version: Without exhalation valve
Filter class: FFP1 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 105	20 PCS



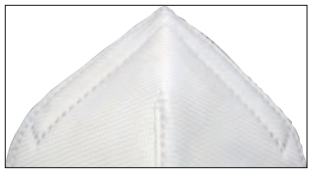
Folding mask M210 FFP2 NR D

Product description:
Particle-filtering folding breathing mask without valve, made from soft material for maximum comfort. Integrated nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



Advantages:
- Integrated nose clip for individual and secure fit
- Comfortable sealing lip for high comfort and reliable airtight fit
- Hygienic individual packaging
- Produced without hazardous substances
- Soft materials to avoid pressure points
- No metal clips, prevents skin irritations
- Small mask form, requires little space
- Flexible, adjustable headband for individual fit
- Very low weight
- Hydrophobic coating





Field of Application:
FFP2: Protects against solid, aqueous and non-volatile liquid particles and aerosols that are toxic or have a low level of toxicity up to 10 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.

Version: Without exhalation valve
Filter class: FFP2 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 106	20 PCS



Folding mask M211 FFP2 V NR D

Product description:
Particle-filtering folding breathing mask with valve, made from soft material for maximum comfort. The exhalation valve for reducing exhalation resistance ensures the user feels comfortable wearing the mask. Integrated nose clip with flexible adjustment options and a sealing lip in the nose area for optimum airtight fit of mask. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue.



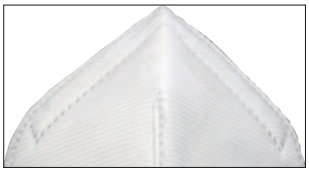
Advantages:
- Integrated nose clip for individual and secure fit
- Comfortable sealing lip for high comfort and reliable airtight fit
- Hygienic individual packaging
- Produced without hazardous substances
- Soft materials to avoid pressure points
- No metal clips, prevents skin irritations
- Small mask form, requires little space
- Flexible, adjustable headband for individual fit
- Very low weight
- Hydrophobic coating





Field of Application:
FFP2: Protects against solid, aqueous and non-volatile liquid particles and aerosols that are toxic or have a low level of toxicity up to 10 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.



Version: With exhalation valve
Filter class: FFP2 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 107	15 PCS



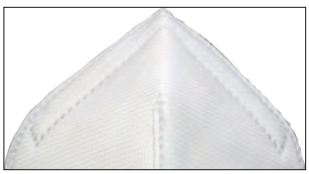




Folding mask M220 FFP3 V NR D

Product description:
Particle-filtering folding breathing mask with valve, made from soft material for maximum comfort. The exhalation valve for reducing exhalation resistance ensures the user feels comfortable wearing the mask. Integrated nose clip with flexible adjustment options and a circumferential sealing lip for optimum airtight fit. Successful dolomite dust test (D) for greater respiratory comfort and longer periods of use with reduced fatigue. Adjustable headband for secure fit.







Advantages:
- Integrated nose clip for individual and secure fit
- Comfortable sealing lip for high comfort and reliable airtight fit
- Hygienic individual packaging
- Produced without hazardous substances
- Soft materials to avoid pressure points
- No metal clips, prevents skin irritations
- Small mask form, requires little space
- Flexible, adjustable headband for individual fit
- Very low weight
- Hydrophobic coating

Field of Application:
FFP3: Protects against toxic solid, aqueous and non-volatile liquid particles, mist, smoke, aerosols, carcinogenic substances, radioactive substances, enzymes and microorganisms up to 30 times the respective limit value.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate. Ongoing research and experiments on harmful substances and their effects on the human body provide continual new assessments/classifications and new categorisations into appropriate classes of filters.

Version: With exhalation valve
Filter class: FFP3 NR D
EN standard: 149:2001 + A1:2009

Art. No.	Packaging unit (VPE)
0687 400 108	10 PCS



Full-grain cowhide work gloves

Top quality made from sturdy and highly resilient full-grain cowhide

Advantages:

- Leather approx. 1.3 mm thick, natural colours, fine quality
- Extremely soft and comfortable to wear
- Knuckle protection, fingertips and index finger in full-grain leather
- Backs and cuffs in green canvas
- Sturdy double seams
- Backs elasticated to prevent unintentional removal
- Breathable cotton inner lining
- EN 388 cat. II, performance level 3.1.4.4



Field of Application:
Very comfortable to wear with maximum mechanical and wear resistance for all industries

Advice:

- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.
- Significant exposure to moisture may cause the material to discolour.

EN standard: 388, 420
Material coating: Leather
Material of the liner: Cotton
Colour: Natural, Green
Category: II
Interior finish: Palm lining



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 903 009	9	Purple	12 PCS
0687 903 010	10	Black	12 PCS
0687 903 011	11	Blue	12 PCS

Split leather work gloves

High quality in smooth, durable split leather

Advantages:
- Extremely comfortable to wear
- Soft cotton inner lining
- Green elasticated backs, elasticated cuffs
- EN 388 Cat. II, level 4.1.2.3

Field of Application:
For medium to high stresses in the metalworking and construction industries, dry walling and other industries

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.
- Significant exposure to moisture may cause the material to discolour.



EN standard: 388, 420
Material coating: Leather
Material of the liner: Cotton
Colour: Green, Natural
Category: II
Interior finish: Palm lining



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 901 010	10	Black	12 PCS
0687 901 011	11	Blue	12 PCS

Driver nappa leather gloves

Product description:
Extremely comfortable universal gloves for indoor and outdoor use. Made from quality calfskin nappa leather with elasticated backs.

Advantages:
- High level of comfort
- Good service life
- Anti-slip
- Ergonomic fit
- Breathable leather
- Good grip
- Highly resistant to tears and punctures

Field of Application:
Suitable for medium stress in trade, mechanical engineering, metalworking, transport technology, logistics, warehousing, vehicle and plant construction and gardening and landscaping applications.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.



- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 420, 388
Colour: Natural
Category: II
Interior finish: Without lining
Material: Nappa leather



Art. No.	Size	Packaging unit (VPE)
0687 923 009	9	12 PCS
0687 923 010	10	12 PCS
0687 923 011	11	12 PCS

RECA Easy Work assembly glove

Product description:
Leather assembly glove made from soft and high-quality pigskin nappa leather for protection during light-duty mechanical work. Good dexterity and high level of comfort thanks to soft, breathable nappa leather and the green stretch fabric on the backs of the hands. Velcro closure on the wrist for a secure fit. The glove has an ergonomic and comfortable fit.

EN 388 – performance level 3.1.1.1



Advantages:
- Excellent level of touch sensitivity
- Breathable
- Precision
- High level of comfort
- Good grip

Field of Application:
For use under light mechanical loads and for sorting and picking work, repair and maintenance work, light-duty assembly and mechanic activities in the building and metalwork sectors.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 420
Material coating: Leather
Material of the liner: Cotton
Colour: Green, Natural
Category: II
Interior finish: Without lining
Material: Pig Nappa leather

Art. No.	Size	Packaging unit (VPE)
0687 914 007	7	12 PCS
0687 914 008	8	12 PCS

Art. No.	Size	Packaging unit (VPE)
0687 914 009	9	12 PCS
0687 914 010	10	12 PCS
0687 914 011	11	12 PCS

Leather welding gloves

Advantages:
- Palms made from full-grain leather, backs of hands and cuffs made from split leather
- Very strong and hard-wearing
- Oil, grease and water-resistant
- Total length: 35 cm
- Protective gloves for welding: EN 12477 Cat. II
  EN 388 performance level 3.1.4.3
  EN 407 performance level 4.1.2.X.3.X



Field of Application:
For universal use during welding, deburring and other tasks

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames.

Size: 10
EN standard: 388, 407, 420, 12477A
Material: Cowhide leather
Colour: Natural
Category: II
Interior finish: Without lining





Art. No.	Packaging unit (VPE)
0687 911 010	1 PCS

Nappa leather welding gloves

Advantages:
- Palms and backs of hands made from supple nappa leather
- Cuffs made from split leather
- Wing thumbs for outstanding comfort
- Total length: 35 cm
- Protective gloves for welding: EN 12477 Cat. II
  EN 388 performance level 2.1.1.2
  EN 407 performance level 4.1.2.X.3.X



Field of Application:
For welding work that requires a good level of touch sensitivity

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames.

Size: 10
EN standard: 388, 407, 420, 12477B
Colour: Natural
Category: II
Interior finish: Without lining



Art. No.	Packaging unit (VPE)
0687 910 010	1 PCS

Synthetic leather work gloves

Advantages:
- One-size-fits-all disposable gloves with consistently high quality
- No chrome content
- Moisture-repellent PVC coating
- Knuckle protection, fingertips and index finger in synthetic leather
- Backs and cuffs in white cotton
- Inner lining and elasticated backs
- EN 388 cat. II, level 1.2.2.0



Field of Application:
For low and medium mechanical stresses and low wear resistance requirements

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

Size: 10,5
EN standard: 388, 420
Material: Faux leather
Material of the liner: Cotton
Colour: White, Green

Category: II
Interior finish: Palm lining



Art. No.	Package size	Packaging unit (VPE)
0687 902 105	120	60 PCS

RECA Thermo Plus

Product description:
Seamless, circular-knitted winter gloves with a double lining made of polyester (external) and acrylic (internal) for an outstanding level of comfort. The gloves are coated in a latex foam coating down to the knuckles. Open back to ensure breathability. Excellent dry and wet grip thanks to special fine surface texturing.



Advantages:
- Extremely comfortable to wear thanks to the soft inner lining
- Extremely good insulation against the cold
- Optimum fit
- Improved waterproofing thanks to 3/4 coating

Field of Application:
For outdoor work in cold conditions in the building sector, road building sector, supply and disposal companies and for work in cold stores and warehouses

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 511, 420
Material coating: Natural rubber with crinkle finish
Material of the liner: Acrylic/polyester
Colour: Green/black
Category: II
Interior finish: Complete lining





Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 922 309	9	Purple	6 PCS
0687 922 310	10	Black	6 PCS
0687 922 311	11	Blue	6 PCS



RECA ThermoGrip winter gloves

Advantages:

- Fine-knit gloves with textured inner for effective protection against the cold
- Water-resistant latex coating on the palms, the entire thumbs and fingertips
- Special surface treatment for outstanding grip and good level of touch sensitivity
- Seamlessly knitted and anatomically shaped for an outstanding fit and superior comfort
- Breathable, washable, hard-wearing
- Different-coloured seams to differentiate between sizes
- EN 388 Cat. II, performance level 1.2.3.2 and EN 511 performance level X.1.X



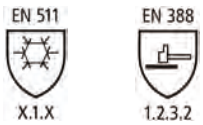
Field of Application:
For low to medium stresses in cold and damp conditions

Advice:

- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 511, 420
Material coating: Natural latex, sanded
Material of the liner: Acrylic
Colour: Green/black
Gauge: 10
Category: II
Interior finish: Roughened



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 922 109	9	Purple	12 PCS
0687 922 110	10	Black	12 PCS
0687 922 111	11	Blue	12 PCS







RECA Latex Grip universal gloves

Advantages:

- Water-resistant latex coating on the palms, thumbs and fingertips
- Outstanding grip in wet and dry conditions with a good level of touch sensitivity
- High mechanical resilience
- Very soft, comfortable and flexible due to seamlessly knitted nylon fabric
- Kind to the skin, breathable and washable
- Different-coloured seams to differentiate between sizes
- EN 388 Cat. II, performance level 3.1.3.1



Field of Application:

For universal use in the assembly and engineering industry, in indoor construction, for packaging and warehousing work, in gardening and agriculture, in building yards and for simple to moderately difficult work in the building industry

Advice:

- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 420
Material coating: Natural rubber with crinkle finish
Material of the liner: Polyamide
Colour: Green/black
Gauge: 13
Category: II
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 936 008	8	Magenta	12 PCS
0687 936 009	9	Purple	12 PCS
0687 936 010	10	Black	12 PCS
0687 936 011	11	Blue	12 PCS

Knitted gloves

Advantages:
- Seamlessly knitted all around
- Very good fit and outstanding grip
- Palms and backs of hands textured with nubs, meaning the gloves can be worn either way round
- Breathable and washable
- EN 388 Cat. II, performance level 1.1.3.1

Field of Application:
With good grip for simple mechanical tasks

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



Size: 10
Colour of hem: Black
EN standard: 388, 420
Material coating: PVC dots
Material of the liner: Polyester/cotton
Colour: Natural
Gauge: 7
Category: II
Interior finish: Without



Art. No.	Packaging unit (VPE)
0687 700 005	12 PCS

Tricot gloves

Lightweight glove to protect products

Product description:
High-quality cotton glove in pure white used for product protection or as a glove liner. With fourchette and inset thumbs.

Advantages:
- Washable
- Good fit due to different sizes
- Good level of touch sensitivity, outstanding breathability
- Can also be used as a glove liner and to protect against heat and cold

Field of Application:
As an under-glove in low-risk assembly, shipping and electronics work

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 420
Colour: White
Gauge: 0 - not applicable
Category: I
Interior finish: Without
Material: Cotton

Art. No.	Size	Packaging unit (VPE)
0687 705 08	8	12 PCS
0687 705 10	10	12 PCS
0687 705 12	12	12 PCS

Plastering gloves

For rough work under heavy mechanical stress

Advantages:

- High abrasion values for all rough work due to extra-robust latex coating with diamond pattern
- Extremely hard-wearing when handling stone, iron, metal sheets and wood
- Good resistance to cutting and piercing
- Polyester fibres make the gloves tear and abrasion-resistant as well as hard-wearing and washable
- Seamlessly knitted and anatomically shaped for a good fit and high level of comfort
- EN 388 Cat. II, performance level 4.2.4.3



Field of Application:
For plastering work and other heavy mechanical stresses in structural and civil engineering, refuse collection, glass recycling and metalworking.

Advice:

- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

Size: 10
EN standard: 388, 420
Material coating: Latex
Material of the liner: Cotton/nylon
Colour: White, Orange
Gauge: 10
Category: II
Interior finish: Without



Art. No.	Packaging unit (VPE)
0687 703 010	12 PCS

uvex Profi work gloves

Advantages:
- Excellent fit, making the gloves very comfortable to wear
- Outstanding abrasion and cut resistance
- Excellent wet and dry grip
- Good resistance to oils, greases and fuels
- EN 388 Cat. II, performance level 2.1.2.1

Field of Application:
For assembly, transportation, packaging, inspection work, dirty work, metal-working, laboratories and maintenance

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.





uvex Rubipor work gloves

Advantages:
- Highly flexible, breathable and extremely lightweight
- Optimum level of touch sensitivity
- Impregnated with NBR for the most secure grip possible
- Extremely comfortable to wear
- EN 388 Cat. II, performance level 0.1.2.2

Field of Application:
For inspection work, sorting tasks, precision assembly, assembling small parts and protecting products

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



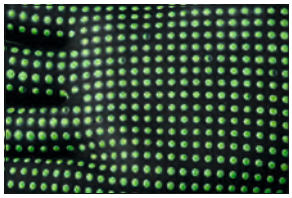


RECA Flexlite Plus protective gloves

Product description:
Thermally insulating, fleecy polyamide gloves with a liquid-repellent, oil and grease-resistant nitrile foam coating on the palms, thumbs and fingertips. Additional nitrile nubs for optimum grip of smooth objects, even under oily conditions.



Advantages:
- Comfortable and flexible for fatigue-proof wear
- Knitted all round and anatomically shaped
- Very good level of touch sensitivity and lasting comfort
- Very high degree of abrasion resistance and mechanical resilience
- Kind to the skin, breathable and washable
- Different-coloured seams to differentiate between sizes
- EN 388 — performance level 4.1.3.1
- EN 407 — short-term heat resistance up to 100°C (min. 15 seconds)
- EN 511 — additional insulating properties against cold



Field of Application:
For handling coarse, edged and warm (metal) parts. Also offers good grip in oily environments. Can also be used in industry, production, final assembly and manual construction work.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 511, 407, 420
Material coating: Nitrile foam with dots
Material of the liner: Polyamide/acrylic-wool
Gauge: 13
Category: II
Colour: Green/black
Interior finish: Roughened



Art. No.	Size (Größe)	Colour of hem	Packaging unit (VPE)
0687 927 008	8	Magenta	12 PCS
0687 927 009	9	Purple	12 PCS
0687 927 010	10	Black	12 PCS
0687 927 011	11	Blue	12 PCS

RECA Flexlite Grip work gloves

Product description:
Universal assembly glove made from nylon-spandex fabric with a microporous water-based PU/nitrile-foam coating and additional nitrile nubs. It has very high degree of abrasion resistance and is characterised by its excellent fit. Good resistance against oils and greases as well as optimal grip.

EN 388 Cat. II, performance level 4.1.3.1





Advantages:
- Knitted all round and anatomically shaped for comfortable, fatigue-proof wear
- Liquid-repellent, oil and grease-resistant PU/nitrile foam coating on the palms, thumbs and fingertips
- Very good level of touch sensitivity and lasting comfort with no perspiration thanks to breathable, all-over coating
- Nubs for optimum grip of smooth objects, even under oily conditions
- Very high degree of abrasion resistance and mechanical resilience
- Kind to the skin, breathable and washable
- Different-coloured seams to differentiate between sizes

Field of Application:
For universal use even under oily conditions in metalworking, construction, installation and fitting work, in gardening and agriculture, in building yards and in industry, e.g. for assembly, repair, transport, packaging and warehousing work

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 420
Material coating: Nitrile foam with dots
Material of the liner: Polyamide/elastane
Colour: Green/black
Gauge: 15
Category: II
Interior finish: Without



Art. No.	Size (Größe)	Colour of hem	Packaging unit (VPE)
0687 926 008	8	Magenta	12 PCS
0687 926 009	9	Purple	12 PCS
0687 926 010	10	Black	12 PCS
0687 926 011	11	Blue	12 PCS

RECA Flexlite protective gloves

Product description:
Universal assembly glove made from nylon-spandex fabric with a microporous water-based PU/nitrile-foam coating on the palm. It has very high degree of abrasion resistance and is characterised by its excellent fit. Good resistance against oils and greases as well as optimal grip.

EN 388 Cat. II, performance level 4.1.3.1



Advantages:
- Well-fitting and highly elastic
- Anatomically shaped for comfortable, fatigue-proof wear
- Liquid-repellent, oil and grease-resistant PU/nitrile foam coating
- Very good level of touch sensitivity
- Very high degree of abrasion resistance and mechanical resilience
- Kind to the skin, breathable and washable
- Different-coloured seams to differentiate between sizes



Field of Application:
For universal use even under oily conditions in metalworking, construction, installation and fitting work, in gardening and agriculture, in building yards and in industry, e.g. for assembly, repair, transport, packaging and warehousing work

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 420
Material coating: Nitril foam / water-based polyurethane
Material of the liner: Polyamide/elastane
Colour: Green/black
Gauge: 15
Category: II
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 925 008	8	Magenta	12 PCS
0687 925 009	9	Purple	12 PCS
0687 925 010	10	Black	12 PCS
0687 925 011	11	Blue	12 PCS

Nitrile chemical protective gloves

With cotton velour inner lining

Product description:
Nitrile chemical protective glove with cotton velour inner lining for versatile use.

EN 388 – performance level 4.0.0.2
EN 374 – performance level AJK



Advantages:
- 100% impermeable
- Diamond surface pattern for a secure grip
- Chemical and liquid protection against a large number of alkaline solutions, acids, greases, oil and in some cases solvents
- Anti-bacterial
- Silicone-free manufacturing process
- Food-tested

Field of Application:
In the food industry, automotive and machine maintenance, painting work, surface treatment and cleaning, staining, handling coolants and lubricants and electroplating baths

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves near open flames and flying sparks.

Size: 10
EN standard: 374, 388, 420
Material: NBR (Nitrile Butadiene Rubber)
Material coating: Nitrile
Material of the liner: Cotton
Colour: Green
Gauge: 0 - not applicable
Category: III
Interior finish: Flocklined
Material thickness: 0.38 mm
Length: 330.0 mm



Art. No.	Packaging unit (VPE)
0687 720 010	12 PCS

Disposable nitrile gloves

Product description:
Impermeable, food-tested, disposable nitrile glove.



Advantages:
- Powder-free
- Hypo-allergenic and silicone-free
- Reversible
- High flexibility and comfort
- Practical disposal box
- Food-safe
- High sensitivity and comfort
- Protects against oil, grease, and paint

Field of Application:
For tasks requiring a good level of touch sensitivity and protection against contamination.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves near open flames and flying sparks. Limited suitability for use with chemicals.

EN standard: 374, 455
Material: NBR (Nitrile Butadiene Rubber)
Gauge: 0 - not applicable
Category: III
Colour: Blue
Interior finish: 0 - not applicable
Material thickness: 0.12 mm
Length: 24 cm



Art. No.	Size	Package size	Packaging unit (VPE)
0687 730 008	8	1000	100 PCS
0687 730 009	9	1000	100 PCS
0687 730 010	10	1000	100 PCS

Disposable latex gloves

Product description:
Liquid-proof, food-safe disposable glove



Advantages:
- Powder-free
- Reversible
- High flexibility and comfort
- Practical disposal box
- Food-safe
- High sensitivity and comfort

Field of Application:
For tasks requiring a good level of touch sensitivity and protection against contamination.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves near open flames and flying sparks. Limited suitability for use with chemicals.

EN standard: 374, 455
Material: Latex
Gauge: 0 - not applicable
Category: III
Interior finish: 0 - not applicable
Material thickness: 0.12 mm
Length: 24 cm



Art. No.	Size	Package size	Packaging unit (VPE)
0687 731 008	8	1000	100 PCS
0687 731 009	9	1000	100 PCS
0687 731 010	10	1000	100 PCS

Mechanic PU assembly gloves

Product description:
White fine-knit polyamide gloves with PU coating on the palms and fingertips.



Advantages:
- Breathable, washable
- Non-slip and abrasion-resistant, very good touch sensitivity
- Highly flexible, optimum fit, excellent wear comfort
- Different coloured cuffs to identify sizes
- Packed in pairs in film wrap
- EN 388 cat. II, level 4.1.3.1

Field of Application:
Specially designed for work involving touch sensitivity and grip, such as in industry, small parts and production assembly, installation, manual trades etc.

Advice:

- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 420
Material coating: Polyurethane
Material of the liner: Nylon
Gauge: 13
Category: II
Colour: White
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 912 007	7	Yellow	12 PCS
0687 912 008	8	Magenta	12 PCS
0687 912 009	9	Purple	12 PCS
0687 912 010	10	Black	12 PCS

Mechanic PU assembly gloves

Product description:
Black green fine-knit polyamide gloves with PU coating on the palms and fingertips.



Advantages:
- Breathable, washable
- Non-slip and abrasion-resistant, very good touch sensitivity
- Dirt-resistant
- Highly flexible, optimum fit, excellent wear comfort
- Different coloured cuffs to identify sizes
- EN 388 cat. II, level 4.1.3.1

Field of Application:
Specially designed for work involving touch sensitivity and grip, such as in industry, small parts and production assembly, installation, manual trades etc.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 420
Material coating: Polyurethane
Material of the liner: Nylon
Gauge: 13
Category: II
Colour: Green/black
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 913 007	7	Yellow	12 PCS
0687 913 008	8	Magenta	12 PCS
0687 913 009	9	Purple	12 PCS
0687 913 010	10	Black	12 PCS

RECA PU Soft protective gloves

Unparalleled comfort, flexibility and finger dexterity

Product description:
An extremely light assembly glove made of 18 G polyamide fine knit and thin PU coating is almost comparable to a second skin. The PU Soft is characterised by its excellent wear comfort, the perfect ergonomic fit and the optimal touch sensitivity. PU-coated palm and fingertips. No abrasive seams to avoid skin irritation.



Advantages:
- Premium quality
- Extremely sensitive, like a second skin
- Excellent wear comfort
- Ergonomic fit
- Öko-Tex tested for harmful substances
- DMF-tested
- Dirt-resistant
- Breathable

Field of Application:
The glove is especially suitable for working with light loads in dry and slightly oily environments. Ideal for precision work, light-duty assembly work, packing work, electrical industry and inspection work.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 420
Material coating: Polyurethane
Material of the liner: Polyamide
Colour: Black
Gauge: 18
Category: II
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 915 007	7	Yellow	12 PCS

Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 915 008	8	Magenta	12 PCS
0687 915 009	9	Purple	12 PCS
0687 915 010	10	Black	12 PCS





REcut 5 cut protection gloves

Product description:
Cut protection gloves in TEKORA® special fabric, seamless and knitted all round, with black PU coating on the palms and fingertips. Cut 5 cut protection level.



Advantages:
- Outstanding fit and flexibility
- Dirt-resistant, breathable and washable
- Excellent level of touch sensitivity with a very secure grip
- Very high resistance to cuts and wear
- Optimal wearability, even over long periods of use
- EN 388 — performance level 4.5.4.3

Field of Application:
When working under maximum cut protection requirements
Suitable for use with steel, sheet metal, glass and other work involving sharp edges

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.



EN standard: 388, 420
Material coating: Polyurethane
Material of the liner: HPPE
Gauge: 15
Category: II
Colour: Grey/black
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 931 008	8	Magenta	6 PCS
0687 931 009	9	Purple	6 PCS
0687 931 010	10	Black	6 PCS
0687 931 011	11	Blue	6 PCS






RECA protective glove latex Hi-Viz

Product description:
Fine-knit assembly gloves made from polyester with latex foam coating on the palms for optimal grip on wet and dry surfaces. The luminous yellow liner ensures optimal visibility and greater safety during work.

EN 388 – performance level 2.1.3.1



Advantages:
- Special surface properties for outstanding grip and good level of touch sensitivity
- Made of polyester fibres – tear and abrasion resistant, durable and washable
- Seamlessly knitted and anatomically shaped for an outstanding fit and superior comfort
- Signal yellow for good visibility, even in poor visual conditions

Field of Application:
Assembly, automotive and machine construction, structural and civil engineering, gardening, maintenance work, stock dispatching and acceptance work, general activities



Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 420, 388
Material coating: Latex foam
Material of the liner: Polyester
Colour: Luminous yellow
Gauge: 13
Category: II
Interior finish: Without



Art. No.	Size	Colour of hem	Packaging unit (VPE)
0687 918 108	8	Magenta	12 PCS
0687 918 109	9	Purple	12 PCS
0687 918 110	10	Black	12 PCS
0687 918 111	11	Blue	12 PCS

Nitril Top protective glove

Product description:
Premium-quality nitrile protective glove with 3/4 nitrile coating on high-quality cotton support fabric. Oil and water-resistant due to nitrile coating on palms, thumbs and fingers. Very comfortable to wear and highly robust.



Advantages:
- High-grade and stable nitrile coating
- Breathable through open backs of hands
- Good abrasion resistance
- Repellent to liquids, oil and grease
- Very good dry grip

Field of Application:
For assembly, transportation, packaging, inspection work, dirty work, metal-working, laboratories, maintenance and the construction industry.

Advice:
- Do not wear gloves near rotating machine parts (saw blades, drills etc.). There is a risk of the gloves being caught in machinery.
- Do not wear gloves when handling chemicals or when near open flames and flying sparks.

EN standard: 388, 420
Material coating: Nitrile
Material of the liner: Cotton-Interlock
Colour: Yellow
Category: II
Interior finish: Without lining



Art. No.	Size	Packaging unit (VPE)
0687 906 108	8	12 PCS
0687 906 109	9	12 PCS
0687 906 110	10	12 PCS
0687 906 111	11	12 PCS

Storage box, mobile

Product description:
Practical storage case for your personal protective equipment

Advice:
incl. labelling tag

Width: 210 mm
Height: 240 mm
Depth: 115 mm







Art. No.	Packaging unit (VPE)
0687 810 002	1 PCS





Storage box, stationary

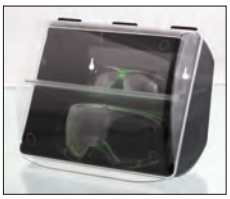
Product description:
For the stationary storage of personal protective equipment in the workshop or factory floor.

Advantages:
- Including fastening materials and stick-on mandatory action sign.

Field of Application:
Suitable for safety goggles, hearing protection earmuffs and dust masks

Width: 230 mm
Height: 195 mm
Depth: 125 mm







Art. No.	Packaging unit (VPE)
0687 810 001	1 PCS

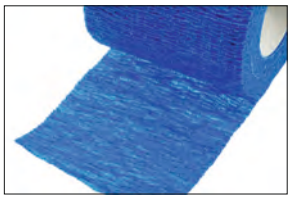


Flexi-Tape protective tape

Product description:
RECA Flexi-Tape is a unique, latex-free „first-aid protective tape", especially developed to secure wound dressings on finger and fingertip injuries in the manual trades sector. RECA Flexi-Tape can be used immediately after the wound has first been treated and is very resistant to water, grease and dirt.



Advantages:
- Elasticated, very easy to use and extremely economical.
- Breathable, soft and comfortable.
- Prevents the ingress of dirt and moisture.
- Only adheres to itself, not to skin or hair.
- Does not restrict movement.
- Can be removed from the injured area without causing pain.
- No need to use a knife or scissors.
- Packaged in a practical canister. This ensures the product is stored in a hygienic, almost sterile environment and has a long shelf-life.



Application area:
- For quick and easy treatment of minor cuts and abrasions.
- Can be used as a support bandage for sprains (workshops, construction sites, industry, manual trades and automobile companies).
- Protects the hands when packing from continual strain on one spot or when handling sharp-edged objects and when used as grip protection for general tools.
- Protects against chafing on hands and fingers.
- Seals off bandages during contact with water (showering, working).

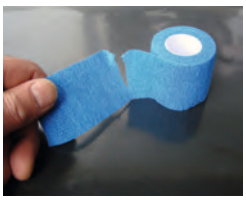
Field of Application:
The product should only be lightly wrapped around the affected area. This prevents a tourniquet effect. It is also not recommended to wear the product at night.

Advice:
Latex-free

Colour: Blue
Width: 50 mm
Length: 4.50 m

LATEX

Art. No.	Packaging unit (VPE)
0687 850 450	1 PCS










Finger first aid dressing

Product description:
Water-repellent, elastic first aid dressing. Very soft and smooth and easily to tear off.

Advantages:
- Does not stick to skin or hair
- Water-repellent and elastic
- Maximum freedom of movement
- Keeps fat/grease, water and oil away from the wound
- Hypoallergenic

Field of Application:
For minor finger injuries.

Length: 7 m
Width: 3 cm
Colour: Blue



Art. No.	Packaging unit (VPE)
0686 100 121	1 PCS




ELASTIC finger first aid dressing

Product description:
Elastic, hypoallergenic finger first aid dressings permeable to air.

Advantages:
- Elastic
- Breathable
- Hypoallergenic
- Skin-friendly
- Maximum wear comfort

Length: 12 cm
Width: 2 cm
Content remark: 100 plasters
Material: Textile
Colour: Skin-coloured



Art. No.	Packaging unit (VPE)
0686 100 225	1 PCS

ELASTIC plaster set

Product description:
Elastic, hypoallergenic plasters permeable to air in five different sizes and formats; individually sealed.
50 plasters in a set.

Advantages:
- Elastic
- Breathable
- Hypoallergenic
- Skin-friendly
- Maximum wear comfort

Content remark: 10 plaster strips 19 x 72 mm
10 plaster strips 25 x 75 mm
10 finger first aid dressings 12 x 2 cm
10 fingertip dressings, approx. 43 x 68 mm
10 knuckle dressings, approx. 38 x 75 mm
Material: Textile
Colour: Skin-coloured



Art. No.	Packaging unit (VPE)
0686 100 224	1 PCS



Plaster dispenser

Product description:
Dispenser box made from plastic for wall mounting, incl. bracket and mounting material, pre-assembled.

Advantages:
- Handy for quick removal.

Field of Application:
Ideal for workshops or production facilities.

Length: 230 mm
Width: 120 mm
Height: 60 mm
Content remark: 45 plaster strips, water-repellent
40 plaster strips, elastic
Colour: Green



Art. No.	Packaging unit (VPE)
0686 100 226	1 PCS

Refill pack, water-repellent

Product description:
Refill pack for plaster dispenser box for quick replenishment. Water-repellent plaster.

Content remark: 45 plaster strips
Material: PE - Polyethylene
Colour: Skin-coloured



Art. No.	Packaging unit (VPE)
0686 100 227	1 PCS

Refill pack, elastic

Product description:
Refill pack for plaster dispenser box for quick replenishment. Elastic plaster.

Content remark: 40 plaster strips
Material: Textile
Colour: Skin-coloured



Art. No.	Packaging unit (VPE)
0686 100 228	1 PCS

First aid case, DIN 13157

Product description:
Shock-resistant, break-proof first aid case made from high-quality ABS plastic. Equipped to DIN 13157 with wall mount, rubber seal and adjustable internal arrangement.

Advantages:
- Dust proof and water-resistant
- Mobile and stationary use
- User-friendly
- Certified quality products

Advice:
Excerpt from accident prevention regulations:
a) in administrative and commercial businesses from 1 to 50 employees = 1 first aid kit, DIN 13157,
b) in manufacturing and processing plants from 1 to 20 employees = 1 first aid kit, DIN 13157,
c) on construction sites from 1 to 10 employees = 1 first aid kit, DIN 13157.
First aid kits DIN 13157 can also be used for activities in the field.

Length x width x height: 230 x 115 x 200 mm
Length: 230 mm
Width: 115 mm
Height: 200 mm



Content remark: 2 foil bags resealable 300 x 400 mm, transparent, for DIN fillings
1 pair of scissors DIN 58 279 - B 190 knee-bent, with grip with plastic cover
1 fleece cloth, 200x300 mm, pack of 5
3 compresses, sterile, 100 x 100 mm, pack of 2
1 cold immediate compress, can be self-activated 150 x 170 mm
1 rescue blanket, gold/silver, 210 x 160 cm
1 pack of 4 disposable gloves to DIN EN 455
1 pack of 8 adhesive bandages 6 x 10 cm, non-woven
1 combined plaster set for DIN 13 157 and DIN 13 169 / 20-piece
1 bandage DIN 13 152-A 600 x 800 mm, sterile
2 eye compresses, oval, 50 x 70 mm, sterile
2 triangular cloths DIN 13 168 white, 96 x 96 x 136 cm
1 dressing sachet DIN 13 151-G (large), 100 x 120 mm, sterile
1 dressing sachet DIN 13 151-K (small), 60 x 80 mm, sterile
3 dressing sachets DIN 13 151-M (medium), 80 x 100 mm, sterile
2 fixing bandages DIN 61 634, 8 cm x 4 m
2 fixing bandages DIN 61 634, 6 cm x 4 m
1 adhesive plaster non-woven, 2.5 cm x 5 m, with external protection
1 first aid guide, multilingual
1 list of contents, multilingual
Shelf life from production: 5 Years
DIN: 13157
Colour: Orange
Material: ABS

Art. No.	Packaging unit (VPE)
0686 100 130	1 PCS

First aid case, DIN 13169

Product description:
Shock-resistant, break-proof first aid case made from high-quality ABS plastic. Equipped to DIN 13169 with wall mount, rubber seal and adjustable internal arrangement.

Advantages:
- Dust proof and water-resistant
- Mobile and stationary use
- User-friendly
- Certified quality products

Advice:
Excerpt from accident prevention regulations:
a) in administrative and commercial businesses from 51 to 300 employees = 1 first aid kit, DIN 13 169, for every further 300 employees additionally 1 first aid kit, DIN 13 169
b) in manufacturing and processing plants from 21 to 100 employees = 1 first aid kit, DIN 13 169, for every further 100 employees additionally 1 first aid kit, DIN 13 169
c) on construction sites from 11 to 50 employees = 1 first aid kit, DIN 13 169, for every further 50 employees additionally 1 first aid kit, DIN 13 169



Length x width x height: 420 x 150 x 330 mm
Length: 420 mm
Width: 150 mm
Height: 330 mm

Content remark: 4 foil bags resealable 300 x 400 mm, transparent, for DIN fillings
1 pair of scissors DIN 58 279 - B 190 knee-bent, with grip with plastic cover
2 fleece cloths, 200x300 mm, pack of 5
6 compresses, sterile, 100 x 100 mm, pack of 2
2 cold immediate compresses, can be self-activated 150 x 170 mm
2 rescue blankets, gold/silver, 210 x 160 cm
2 pack of 4 disposable gloves to DIN EN 455
1 pack of 8 adhesive bandages 6 x 10 cm, non-woven
2 combined plaster sets for DIN 13 157 and DIN 13 169 / 20-piece
2 bandages DIN 13 152-A 600 x 800 mm, sterile
4 eye compresses, oval, 50 x 70 mm, sterile
4 triangular cloths DIN 13 168 white, 96 x 96 x 136 cm
2 dressing sachets DIN 13 151-G (large), 100 x 120 mm, sterile
2 dressing sachets DIN 13 151-K (small), 60 x 80 mm, sterile
6 dressing sachets DIN 13 151-M (medium), 80 x 100 mm, sterile
4 fixing bandages DIN 61 634, 8 cm x 4 m
4 fixing bandages DIN 61 634, 6 cm x 4 m
2 adhesive plasters non-woven, 2.5 cm x 5 m, with external protection
1 first aid guide, multilingual
1 list of contents, multilingual

Shelf life from production: 5 Years

DIN: 13169

Colour: Orange

Material: ABS

Art. No.	Packaging unit (VPE)
0686 100 131	1 PCS

Bandage refill DIN 1357

Product description:
Quality dressing filling from certified production to DIN 13157.



Advice:
Excerpt from accident prevention regulations:
a) in administrative and commercial businesses from 1 to 50 employees = 1 first aid kit, DIN 13157,
b) in manufacturing and processing plants from 1 to 20 employees = 1 first aid kit, DIN 13157,
c) on construction sites from 1 to 10 employees = 1 first aid kit, DIN 13157.
First aid kits DIN 13157 can also be used for activities in the field.

Content remark: 2 foil bags resealable 300 x 400 mm, transparent, for DIN fillings
1 pair of scissors DIN 58 279 - B 190 knee-bent, with grip with plastic cover
1 fleece cloth, 200x300 mm, pack of 5
3 compresses, sterile, 100 x 100 mm, pack of 2
1 cold immediate compress, can be self-activated 150 x 170 mm
1 rescue blanket, gold/silver, 210 x 160 cm
1 pack of 4 disposable gloves to DIN EN 455
1 pack of 8 adhesive bandages 6 x 10 cm, non-woven
1 combined plaster set for DIN 13 157 and DIN 13 169 / 20-piece
1 bandage DIN 13 152-A 600 x 800 mm, sterile
2 eye compresses, oval, 50 x 70 mm, sterile
2 triangular cloths DIN 13 168 white, 96 x 96 x 136 cm
1 dressing sachet DIN 13 151-G (large), 100 x 120 mm, sterile
1 dressing sachet DIN 13 151-K (small), 60 x 80 mm, sterile
3 dressing sachets DIN 13 151-M (medium), 80 x 100 mm, sterile
2 fixing bandages DIN 61 634, 8 cm x 4 m
2 fixing bandages DIN 61 634, 6 cm x 4 m
1 adhesive plaster non-woven, 2.5 cm x 5 m, with external protection
1 first aid guide, multilingual
1 list of contents, multilingual

Shelf life from production: 5 Years
DIN: 13157

Art. No.	Packaging unit (VPE)
0686 100 132	1 PCS

Bandage refill to DIN 13169

Product description:
Quality dressing filling from certified production to DIN 13169



Advice:
Excerpt from accident prevention regulations:
a) in administrative and commercial businesses from 51 to 300 employees = 1 first aid kit, DIN 13 169, for every further 300 employees additionally 1 first aid kit, DIN 13 169
b) in manufacturing and processing plants from 21 to 100 employees = 1 first aid kit, DIN 13 169, for every further 100 employees additionally 1 first aid kit, DIN 13 169
c) on construction sites from 11 to 50 employees = 1 first aid kit, DIN 13 169, for every further 50 employees additionally 1 first aid kit, DIN 13 169

Content remark: 4 foil bags resealable 300 x 400 mm, transparent, for DIN fillings
1 pair of scissors DIN 58 279 - B 190 knee-bent, with grip with plastic cover
2 fleece cloths, 200x300 mm, pack of 5
6 compresses, sterile, 100 x 100 mm, pack of 2
2 cold immediate compresses, can be self-activated 150 x 170 mm
2 rescue blankets, gold/silver, 210 x 160 cm
2 pack of 4 disposable gloves to DIN EN 455
1 pack of 8 adhesive bandages 6 x 10 cm, non-woven
2 combined plaster sets for DIN 13 157 and DIN 13 169 / 20-piece
2 bandages DIN 13 152-A 600 x 800 mm, sterile
4 eye compresses, oval, 50 x 70 mm, sterile
4 triangular cloths DIN 13 168 white, 96 x 96 x 136 cm
2 dressing sachets DIN 13 151-G (large), 100 x 120 mm, sterile
2 dressing sachets DIN 13 151-K (small), 60 x 80 mm, sterile
6 dressing sachets DIN 13 151-M (medium), 80 x 100 mm, sterile
4 fixing bandages DIN 61 634, 8 cm x 4 m
4 fixing bandages DIN 61 634, 6 cm x 4 m
2 adhesive plasters non-woven, 2.5 cm x 5 m, with external protection
1 first aid guide, multilingual
1 list of contents, multilingual
Shelf life from production: 5 Years
DIN: 13169

Art. No.	Packaging unit (VPE)
0686 100 133	1 PCS

Vehicle first aid kit, DIN 13164

Product description:
Vehicle first aid kit for vehicles. Quality dressing filling from certified production. Incl. guide to performing first aid at the scene of an accident.



Length x width x height: 260 x 85 x 180 mm
Length: 260 mm
Width: 85 mm
Height: 180 mm
Content remark: 1 adhesive plaster, non-woven, 2.5 cm x 5 m, with external protection
1 ACTIOMEDIC combined plaster set for DIN 13 164/ 14-piece
1 first aid pack sterile, DIN 13 151-K (small), 60 x 80 mm
2 first aid packs sterile, DIN 13 151-M (medium), 80 x 100 mm
1 first aid pack sterile, DIN 13 151-G (large), 100 x 120 mm
1 bandage sterile DIN 13 152-BR, 400 x 600 mm
1 bandage sterile DIN 13 152-A 600 x 800 mm
6 compresses sterile, 100 x 100 mm
1 rescue blanket, gold/silver, 210 x 160 cm
2 fixing bandages DIN 61 634, 6 m x 4 m
3 fixing bandages DIN 61 634, 8 cm x 4 m
2 triangular cloths DIN 13 168 white, 96 x 96 x 136 cm
2 wet cleaning wipes
1 pair of scissors DIN 58 279 - B 190 knee-bent, with grip with plastic cover
4 disposable gloves to DIN EN 455
1 first aid guide, multilingual
1 list of contents, multilingual
Shelf life from production: 5 Years
DIN: 13164
Colour: Black
Material: Plastic

Art. No.	Packaging unit (VPE)
0686 100 134	1 PCS

Eye wash bottle NaCl 0.9%

Product description:
Sterile eye wash bottle with sodium chloride solution, corresponding to DIN EN 15 154-4. For mobile use or for refilling station and case. Fast and safe handling with ergonomic rinsing head and dust cap.
Rinsing time: approx. 5 minutes

Advantages:
- Application icons
- Mirror label

Field of Application:
For rinsing out foreign objects, e.g. Wood and metal splinters, chips, dust, dirt.

Advice:
Shelf life from production: 3 years



Contents: 500 ml

Chemical basis: Sterile sodium chloride solution (0.9%)
Shelf life from production: 36 Month
Range of applications: For rinsing foreign bodies.
Version: With eye cup and dust cap
Colour: Transparent





Art. No.	Packaging unit (VPE)
0686 100 222	1 PCS



Eye wash bottle BioPhos74

Product description:
Sterile eye wash bottle with phosphate-buffered rinsing solution (4.9%) for treating burns to the eyes or skin caused by chemicals; corresponds to DIN EN 15 154-4. High buffer capacity leads to rapid neutralisation. Particularly gentle due to the exclusion of foreign ingredients and preservatives. For mobile use or for refilling station and case. Fast and safe handling with ergonomic rinsing head and dust cap.
Rinsing time: approx. 2.5 minutes



Advantages:
- Particularly gentle and pH-neutral
- Rapid neutralisation
- New formulation without foreign ingredients

Field of Application:
For neutralisation in the event of burns or damage caused by chemicals.

Advice:
Shelf life from production: 3 years

Contents: 250 ml
Chemical basis: Sterile phosphate buffer solution (4,9%)
Shelf life from production: 36 Month
Range of applications: To neutralize acids and a variety of alkali.
Version: With eye cup and dust cap
Colour: Transparent





Art. No.	Packaging unit (VPE)
0686 100 223	1 PCS



EYE CARE eye wash station

Product description:
Design eye wash station EYE CARE - easy-to-use eye wash station with clear lid in a visually appealing design with two bottles of sodium chloride 0.9%. Ready-to-use and sterile with ergonomic rinsing head, incl. mirror and pictogram for easy handling. Dustproof and space-saving, incl. mounting material and eye emergency plan.
Rinsing time (total): approx. 10 min.

Extendable / suitable for: both eye wash bottles (500 ml & 250 ml)

Field of Application:
For stationary use at workplaces with eye hazards due to foreign bodies such as dust, dirt and splinters.

Advice:
Shelf life from production: 3 years



Contents: 1000 ml
Chemical basis: Sterile sodium chloride solution (0.9%)
Shelf life from production: 36 Month
Range of applications: For rinsing foreign bodies.
Content remark: 2 x 500 ml sodium chloride solution 0.9%

Art. No.	Packaging unit (VPE)
0686 100 220	1 PCS

Cover Star protective suit

Product description:
CoverStar® protective overalls, Cat. III, type 5.6, white, made of spun polypropylene fleece with laminate film coating

- Elasticated arms, legs, and waist
- Three-piece hood
- Elasticated drawstring for optimum hood adjustment
- Three-piece leg gusset
- 2-way zip
- Double zip cover (grey)
- Thumb strap



Advantages:
- Particularly tear-resistant and robust,
- Lint-free, suitable for clean rooms,
- Comfortable to wear and good freedom of movement
-
- EN ISO 13982-1:2004; particle-proof
- EN 13034:2005+A1:2009; spray-proof with limitations
- EN 1073-2:2002; contamination protection against radioactive particles
- EN 14126:2003; infection protection against blood and viruses
- EN 1149-5:2008; anti-static on the outside and inside
- EN 369; protection against oils and lubricants
- ISO 14644 classes ISO-7, ISO-8, ISO-9

Field of Application:
Painting work and surface treatment, disposal work (including asbestos), manual construction work, cleaning work and insulation work.

Advice:
Caution! The usage examples are not guaranteed to be complete or accurate.

Colour: White



Art. No.	Size	Min./max. chest size	Suitable for min./max. body size	Packaging unit (VPE)
0687 601 009	L	100-108 cm	174-182 cm	5 PCS
0687 601 010	XL	108-116 cm	180-188 cm	5 PCS
0687 601 011	XXL	116-124 cm	186-194 cm	5 PCS

Overshoes

Product description:
Hygienic overshoes with dirt protection. Protects against contamination in inhabited spaces.

Standard size: Length 41 cm
Material thickness: 20 µ

Advantages:
- Highly robust, tear-resistant model for the professional tradesperson.

Field of Application:
Manual construction work, industry, electrical work, painting work, restoration work.



Material: PE - Polyethylene

Art. No.	Packaging unit (VPE)
0687 610 001	100 PCS

Welder's apron

Advantages:
- Core leather straps

Field of Application:
For protection during welding.

Size (Größe): 80 x 100 cm
Material: Full-grain cowhide leather



Art. No.	Packaging unit (VPE)
0687 500 001	1 PCS

arecal multi sens

Skin protection cream

Product description:
Skin protection cream for frequently changing working materials — ideal cream for application before wearing gloves



Advantages:
- For universal use
- Silicone-free, lightly perfumed
- Ideal for application before wearing protective gloves
- Dermatologically tested with „very good skin compatibility"
- Can be stored for at least 12 months after opening

Application area:
Before starting work and after you wash your hands, carefully apply the cream to dry skin, nails, nail bed and between the fingers.

Field of Application:
Protects the skin during contact with frequently changing aqueous and oily substances

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/ conjunctiva area.

Min./max. storage temperature: 5 to 20 °C

Art. No.	Contents	Packaging unit (VPE)
0895 920 001	100 ml	1 PCS
0895 920 002	1000 ml	1 PCS

arecal pre ol sens

"The invisible glove" with special beeswax

Product description:
Skin protection cream for highly adhesive and water-insoluble substances: „the invisible glove"



Advantages:
- Forms a dry, non-greasy, non-slip stable protective film
- Free of paraffin and silicone preservatives
- Leaves no fingerprints
- Dermatologically tested with „very good skin compatibility"
- Can be stored for at least 12 months after opening

Application area:
After the hands have been thoroughly washed and dried, the cream is carefully rubbed into the skin.

Field of Application:
Facilitates the cleaning of the skin from highly adhesive and water-insoluble substances, such as fats, oils, paints, graphite, metal dust, rust, glue, putty, resins, etc. thanks to dirt-bonding emulsifiers (O/W emulsion)

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/

conjunctiva area.

Min./max. storage temperature: 5 to 20 °C

Art. No.	Contents	Packaging unit (VPE)
0895 920 003	100 ml	1 PCS
0895 920 004	1000 ml	1 PCS

arecal dermaclean neutral

Skin cleaning lotion

Product description:
High-quality, fragrance-free, colourless hand cleaning lotion for minor contamination.



Advantages:
- Fragrance-free and colourless
- Low in allergens
- Mild cleansing wash lotion
- Replenishes moisture
- Silicone, solvent and soap-free
- pH-value is adjusted to the skin
- Preserved according to NaTrue guidelines
- High-quality, olive oil-based moisturiser
- Can be stored for at least 12 months after opening

Application area:
Carefully rub approximately 2–3 ml of dermaclean neutral onto your hands without any water, wash with a little water and then rinse well with plenty of water. Dry hands thoroughly.

Field of Application:
Especially suited to hygienic work areas when fragrances are not permitted, e.g. kitchens, food processing, care sector.

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/ conjunctiva area.

Contents: 2000 ml
Min./max. storage temperature: 5 to 20 °C

Art. No.	Packaging unit (VPE)
0895 921 001	1 PCS

arecal dermaclean natur

Liquid hand cleaner

Product description:
Gentle liquid hand cleaner — free from microplastics



Advantages:
- Powerful cleaning effect that protects the skin
- High-quality moisturiser
- With natural exfoliating particles
- Solvent, silicone and soap-free
- Free of microplastics
- pH neutral
- Can be stored for at least 12 months after opening

Application area:
Carefully rub approximately 2–3 ml of dermaclean natur onto your hands without any water, continue washing with a little water and then rinse with plenty of water. Dry hands thoroughly.

Field of Application:
Natural hand cleaner with very high cleaning power, versatile usage for thorough cleaning of oil, grease and industrial contamination.

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/conjunctiva area.

Min./max. storage temperature: 5 to 20 °C

Art. No.	Contents	Packaging unit (VPE)
0895 921 003	250 ml	1 PCS
0895 921 004	2000 ml	1 PCS

arecal dermaclean plus

Liquid hand cleaner

Product description:
Special liquid hand cleaner



Advantages:
- Specialist hand cleaner with high cleaning power
- Moisturising
- Does not cause clogging of drains
- pH value is adjusted to the skin
- Dermatologically tested
- Can be stored for at least 12 months after opening
- Contains special cosmetic solvents

Application area:
Carefully rub approximately 2–3 ml of dermaclean plus into the hands without water, continue washing with a little water and then rinse with plenty of water. Dry hands thoroughly.

Field of Application:
For highly adhesive substances and extreme soiling. Effortlessly removes varnish, paint, resin, adhesive, graphite etc.

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/conjunctiva area.

Contents: 250 ml
Min./max. storage temperature: 0 to 20 °C

Art. No.	Packaging unit (VPE)
0895 921 005	1 PCS

arecal dermaclean apre sens

Skin care cream with beeswax

Product description:
Post-work skin care cream



Advantages:
- Replenishes important skin nutrients
- Very good moisturising components and rapid absorption
- Maintains elasticity of the skin
- Ensures the skin appears soft and well-groomed
- Vitamin E supports regeneration
- Contains urea, glycerine, Vitamin A; E
- Silicone-free
- Dermatologically tested with „very good skin compatibility"
- Can be stored for at least 12 months after opening.

Application area:
After the hands have been thoroughly washed and dried, the cream is carefully rubbed into the skin.

Field of Application:
Maintains and nourishes tired skin after work. dermaclean apre sens protects the whole body against dryness. Suitable for normal to dry skin (W/O emulsion).

Advice:
In the eye area, prevent penetration of the product into the mucous membrane/ conjunctiva area.

Min./max. storage temperature: 5 to 20 °C

Art. No.	Contents	Packaging unit (VPE)
0895 922 001	100 ml	1 PCS
0895 922 002	1000 ml	1 PCS

Soft bottle dispenser

Product description:
Soft bottle dispenser for 1000-ml or 2000-ml containers



Advantages:
- Adjustable dosing quantity
- Highly durable design
- Fibreglass-reinforced housing

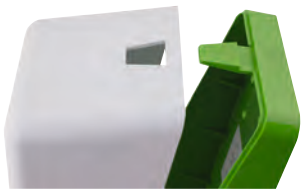
Application area:
Soft bottle dispenser for 1000-ml or 2000-ml container sizes

Field of Application:
For dispensing highly viscous hand cleaners with abrasive agents, liquid soaps and lotions.
Suitable for products in the RECA skin protection range, such as:
- dermatop multi sens
- dermatop pre ol sens

- dermaclean neutral
- dermaclean natur
- dermacare apre sens

Advice:
With drilling template for wall mounting

Art. No.	Width x depth x height	Packaging unit (VPE)
0895 999 001	125 x 125 x 290 mm	1 PCS
0895 999 004	400 x 125 x 290 mm	1 PCS



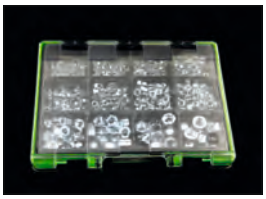
VISO assortment case, empty

Product description:
Extremely high-quality assortment case made from unbreakable ABS (acrylonitrile butadiene styrene) plastic. The transparent cover permits an overview and allows quick orientation.

Advantages:
- Quick orientation through transparent cover
- Extremely stable
- Slip-resistant stacking thanks to interlocking bottom and cover elements
- Sits comfortably and securely in the hand















Art. No.	Type description	Width	Depth	Height	Material	Packaging unit (VPE)
0956 001	VISO	320.0 mm	240.0 mm	55.0 mm	ABS	1 PCS

VISO insert for empty case

Product description:
Insert for VISO assortment case















Art. No.	Type description	Width	Depth	Height	Material	Packaging unit (VPE)
0956 001 14	4x	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 8	8-compartment	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 12	12 compartments	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 16	16 compartments	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 18	18 compartments	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 21	20x	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS

Art. No.	Type description	Width	Depth	Height	Material	Packaging unit (VPE)
0956 001 20	20x drill bit	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 24	24 compartments	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 013	Cable connector	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 012	Cable ties	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 011	Hole saws	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS
0956 001 4	Rivets/pliers	311.0 mm	213.0 mm	49.0 mm	PS - Polystyrene	1 PCS

VTS assortment tower, type A

Product description:
The VTS assortment tower type A has a durable powder coating and provides space for five RECA VISO assortment cases.

Advantages:
- Full extension guarantees full opening of the assortment case in the tower
- Central locking
- Additional safety locks on the individual drawers prevent the tower from tipping over
- Stackable

Advice:
Supplied without assortment case.



Art. No.	Type description	Number of drawers	Material	Colour	Surface	Packaging unit (VPE)
0957 100	Type A	5	Steel	Black	Powder-coated	1 PCS

VTS assortment tower, type B

Product description:
The VTS assortment tower type B has a durable powder coating and provides space for large-volume materials.

Advantages:
- Full extension guarantees a good overview
- Lockable drawers
- Stackable



Art. No.	Type description	Number of drawers	Material	Colour	Surface	Packaging unit (VPE)
0957 200	Type B	2	Steel	Black	Powder-coated	1 PCS

VTS assortment tower, type C

Product description:
The VTS assortment tower type C has a durable powder coating and provides space for three RECA VISO assortment cases.

Advantages:
- Integrated rear wall for additional stability
- Full extension guarantees full opening of the assortment case in the tower
- Additional safety locks on the individual drawers prevent the tower from tipping over
- Central locking
- Can be easily carried with the Flexo handle
- Stackable (as a connecting tower on top or with the Flexo handle removed)

Advice:
Supplied without assortment case.



Art. No.	Type description	Number of drawers	Material	Colour	Surface	Packaging unit (VPE)
0957 300	Type C	3	Steel	Black	Powder-coated	1 PCS

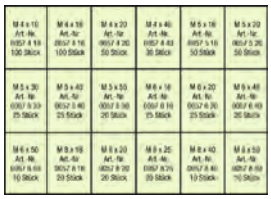
VISO assortment DIN 933 hexagonal steel screws

8.8 galvanised





Art. No.	Packaging unit (VPE)
0956 057	1 PCS



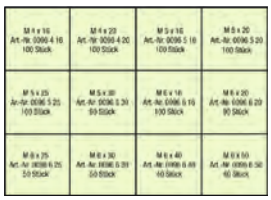
VISO assortment DIN 933 hexagonal steel screws

A2 stainless steel, M4 - M6





Art. No.	Packaging unit (VPE)
0956 096 1	1 PCS



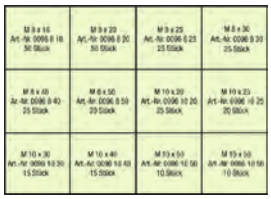
VISO assortment hexagonal steel screws DIN 933

A2 stainless steel, M8 - M10





Art. No.	Packaging unit (VPE)
0956 096	1 PCS



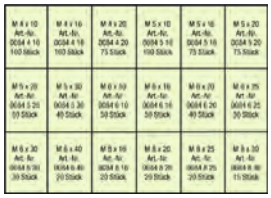
VISO assortment cheese-head screws DIN 912

8.8 galvanised





Art. No.	Packaging unit (VPE)
0956 084	1 PCS



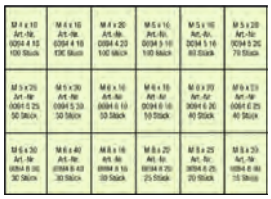
VISO assortment cheese-head screws DIN 912

Stainless steel A2





Art. No.	Packaging unit (VPE)
0956 094	1 PCS



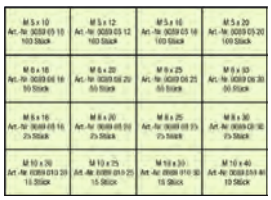
VISO assortment countersunk head screws DIN 7991

10.9 galvanised





Art. No.	Packaging unit (VPE)
0956 089 0	1 PCS



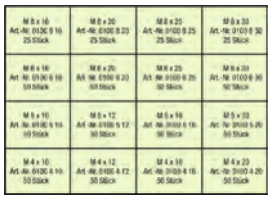
VISO assortment countersunk head screws DIN 7991

Stainless steel A2





Art. No.	Packaging unit (VPE)
0956 100 0	1 PCS



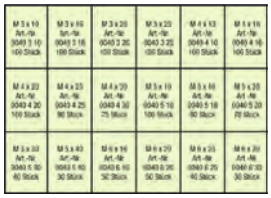
VISO assortment cheese-head screws with slot, DIN 84

4.8 galvanised





Art. No.	Packaging unit (VPE)
0956 040	1 PCS



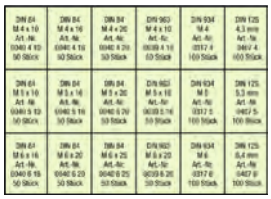
VISO assortment threaded bolts DIN 84/963/934/125

Screws, nuts, washers, galvanised





Art. No.	Packaging unit (VPE)
0956 040 1	1 PCS



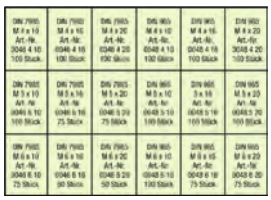
VISO assortment threaded bolts DIN 7985/965

Pan-head and countersunk screws 4.8, galvanised





Art. No.	Packaging unit (VPE)
0956 046 1	1 PCS



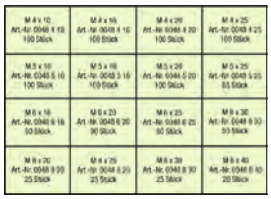
VISO assortment threaded bolts DIN 965

Countersunk head screws, 4.8, galvanised





Art. No.	Packaging unit (VPE)
0956 048	1 PCS



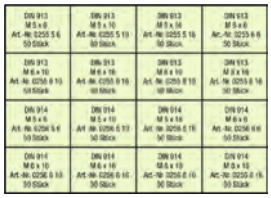
VISO assortment threaded pins DIN 913/914

Bare steel 45 H





Art. No.	Packaging unit (VPE)
0956 255	1 PCS



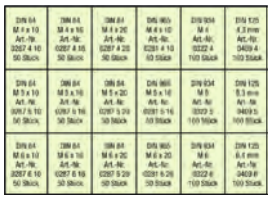
VISO assortment DIN 84/965/934/125

Screws, nuts, washers, A2 stainless steel





Art. No.	Packaging unit (VPE)
0956 287 1	1 PCS



VISO assortment tapping screws DIN 7981

Countersunk head, galvanised





Art. No.	Packaging unit (VPE)
0956 115	1 PCS



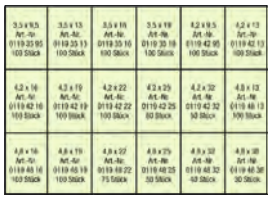
VISO assortment tapping screws DIN 7981

Pan head, stainless steel A2





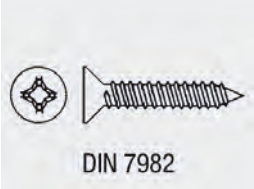
Art. No.	Packaging unit (VPE)
0956 119	1 PCS



VISO assortment tapping screws DIN 7982

Countersunk head, galvanised





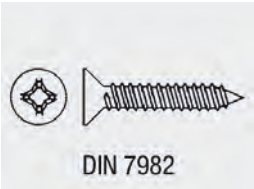
Art. No.	Packaging unit (VPE)
0956 116	1 PCS



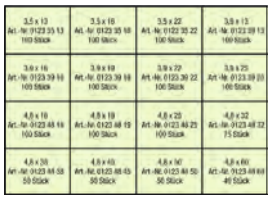
VISO assortment tapping screws DIN 7982

Countersunk head, stainless steel A2





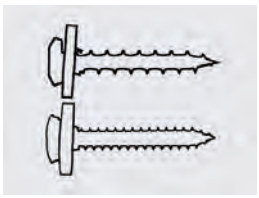
Art. No.	Packaging unit (VPE)
0956 123	1 PCS



VISO assortment, window sill screws

Stainless steel A2, assorted colours





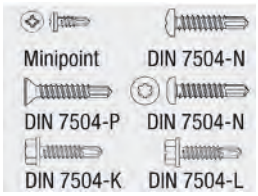
Art. No.	Packaging unit (VPE)
0956 126	1 PCS



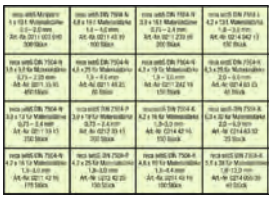
VISO sebS - self-drilling screws assortment, DIN 7504-K/N/P/L

for sheet metal from 0.3 - 12 mm, galvanised





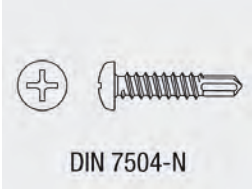
Art. No.	Packaging unit (VPE)
0956 214	1 PCS



VISO assortment sebS - self-drilling screws DIN 7504-N galv.

Pan head, galvanised





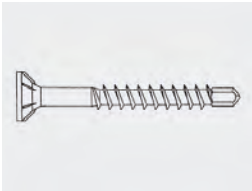
Art. No.	Packaging unit (VPE)
0956 211	1 PCS



VISO assortment sebS - self-drilling screws wood-wood

Milling head, yellow galvanised





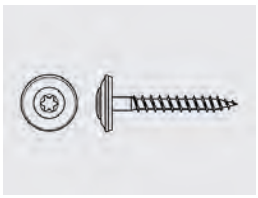
Art. No.	Packaging unit (VPE)
0956 217	1 PCS



VISO assortment, plumber's screws

Stainless steel A2, assorted colours





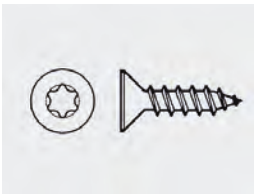
Art. No.	Packaging unit (VPE)
0956 238 1	1 PCS



VISO assortment particle board screws TX

Countersunk head, yellow galvanised





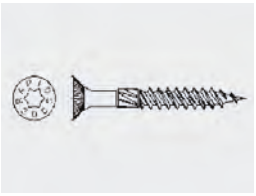
Art. No.	Packaging unit (VPE)
0956 154	1 PCS



VISO assortment Rapid 2000 particle board screws TX

Countersunk head with milling pockets, yellow galvanised





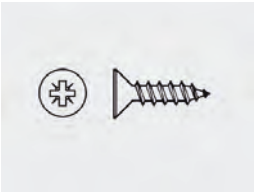
Art. No.	Packaging unit (VPE)
0956 159	1 PCS



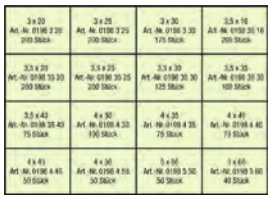
VISO assortment particle board screws PZ

Countersunk head, galvanised





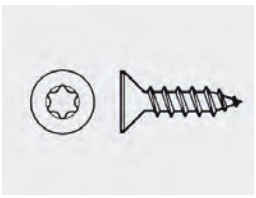
Art. No.	Packaging unit (VPE)
0956 198	1 PCS



VISO assortment particle board screws TX

Countersunk head, galvanised





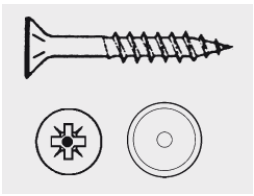
Art. No.	Packaging unit (VPE)
0956 155	1 PCS



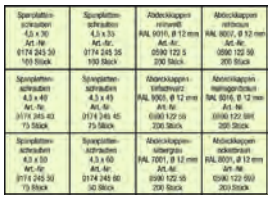
VISO assortment particle board screws PZ head-hole drilled with cover caps

Countersunk milling head, galvanised





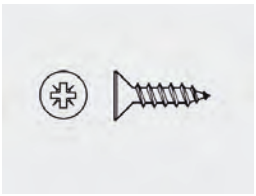
Art. No.	Packaging unit (VPE)
0956 174 001	1 PCS



VISO assortment particle board screws PZ

Countersunk head, stainless steel A2





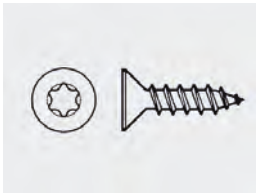
Art. No.	Packaging unit (VPE)
0956 182	1 PCS



VISO assortment particle board screws TX

Countersunk head, stainless steel A2





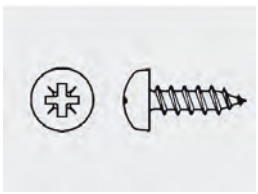
Art. No.	Packaging unit (VPE)
0956 183	1 PCS



VISO assortment particle board screws PZ

Pan head galvanised





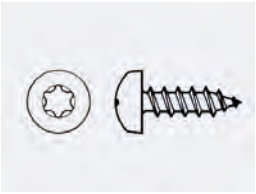
Art. No.	Packaging unit (VPE)
0956 196	1 PCS



VISO assortment particle board screws TX

Pan head galvanised





Art. No.	Packaging unit (VPE)
0956 153	1 PCS

VISO assortment hexagon nuts DIN 934

M3 - M16, galvanised





Art. No.	Packaging unit (VPE)
0956 317	1 PCS



VISO assortment hexagon nuts DIN 934

M3 - M10, A2 stainless steel





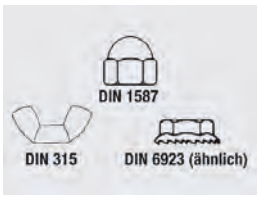
Art. No.	Packaging unit (VPE)
0956 322 2	1 PCS



VISO assortment nuts, combined, similar to DIN 1587/315/6923

Cap nut, wing nut and serrated locking nuts, galvanised





Art. No.	Packaging unit (VPE)
0956 356	1 PCS



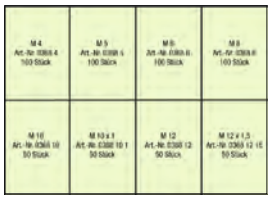
VISO assortment lock nuts DIN 985

M4 - M12, galvanised





Art. No.	Packaging unit (VPE)
0956 368	1 PCS



VISO assortment lock nuts DIN 985

M4 - M12, A2 stainless steel





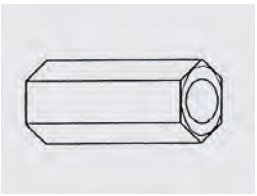
Art. No.	Packaging unit (VPE)
0956 391	1 PCS



VISO assortment, spacer sleeves

M6 - M12, galvanised





Art. No.	Packaging unit (VPE)
0956 974	1 PCS



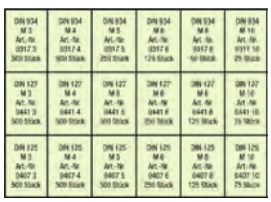
VISO assortment nuts, washers, split washers, combined, DIN 934/125/127

M3 - M10, galvanised





Art. No.	Packaging unit (VPE)
0956 317 08	1 PCS



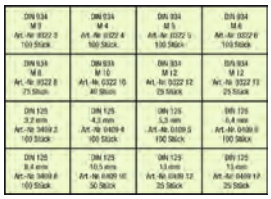
VISO assortment hexagonal nuts and washers DIN 934/125

M3 - M12, stainless steel A2





Art. No.	Packaging unit (VPE)
0956 322 1	1 PCS



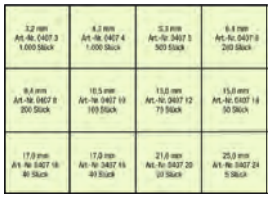
VISO assortment washers DIN 125

3.2 - 25.0 mm galvanised





Art. No.	Packaging unit (VPE)
0956 407	1 PCS



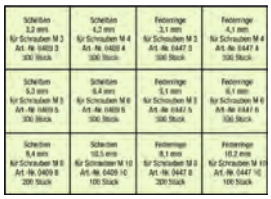
VISO assortment washers, lock washers DIN 125/127

M3 - M10, A2 stainless steel



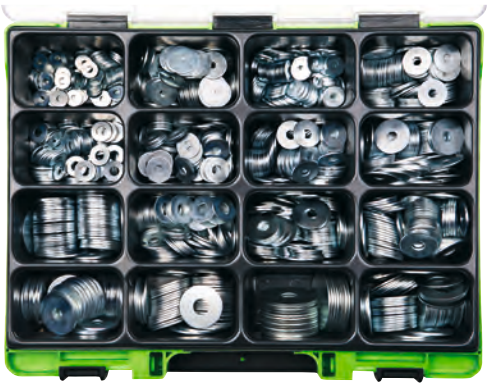


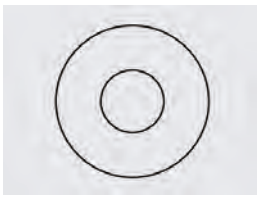
Art. No.	Packaging unit (VPE)
0956 409 1	1 PCS



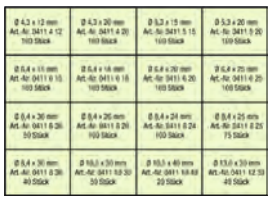
VISO assortment penny washers, tolerance DIN 522-A

galvanised





Art. No.	Packaging unit (VPE)
0956 411	1 PCS



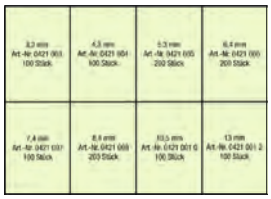
VISO assortment washers DIN 125

3.2 - 13 mm polyamide





Art. No.	Packaging unit (VPE)
0956 421	1 PCS



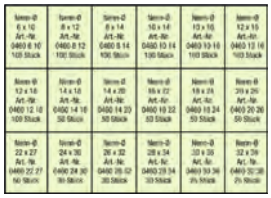
VISO assortment copper sealing rings DIN 7603 A

Nom. Ø: 6 - 32 mm





Art. No.	Packaging unit (VPE)
0956 460	1 PCS



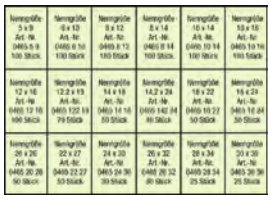
VISO assortment fibre sealing rings DIN 7603 A

Nom. Ø: 5 - 30 mm





Art. No.	Packaging unit (VPE)
0956 465	1 PCS



VISO assortment Perbunan O-rings

Ø: 5.28 - 36.10 mm





Art. No.	Packaging unit (VPE)
0956 468	1 PCS



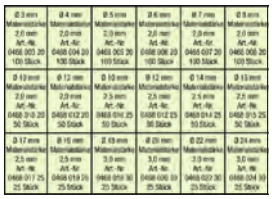
VISO assortment Perbunan O-rings

Metric Ø M3 - M24





Art. No.	Packaging unit (VPE)
0956 468 1	1 PCS



VISO assortment Perbunan O-rings

Metric Ø M30 - M34





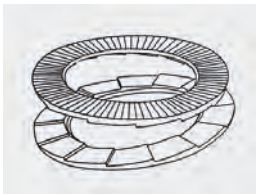
Art. No.	Packaging unit (VPE)
0956 468 2	1 PCS



VISO assortment Nord-Lock lock washers

M4 - M20, zinc-lamella coating





Art. No.	Packaging unit (VPE)
0956 435 0	1 PCS



VISO assortment circlips for shafts DIN 471

Ø 5 - 35 mm, phosphate-treated spring steel, oiled





Art. No.	Packaging unit (VPE)
0956 438	1 PCS



VISO assortment circlips for bore holes DIN 472

Ø 8 - 30 mm, phosphate-treated spring steel, oiled





Art. No.	Packaging unit (VPE)
0956 439	1 PCS



VISO assortment split washers/serrated lock washers DIN 127/6798

Galvanised spring steel





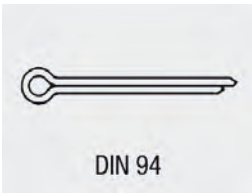
Art. No.	Packaging unit (VPE)
0956 441 1	1 PCS



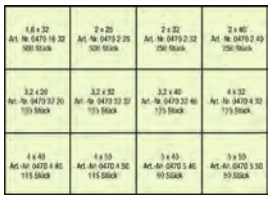
VISO assortment split pins DIN 94

Galvanised steel





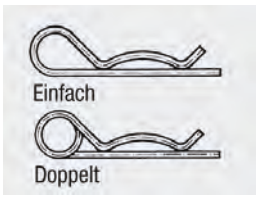
Art. No.	Packaging unit (VPE)
0956 470	1 PCS



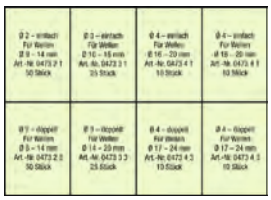
VISO assortment spring cotter pin single/double

Ø 2 - 4 mm, galvanised steel





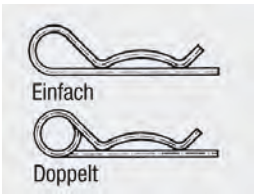
Art. No.	Packaging unit (VPE)
0956 473 2	1 PCS



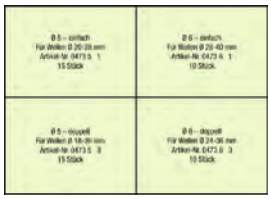
VISO assortment spring cotter pin single/double

Ø 5 - 6 mm galvanised steel





Art. No.	Packaging unit (VPE)
0956 473 5	1 PCS



VISO linch pin assortment, Ø 4.5–10 mm

yellow galvanised





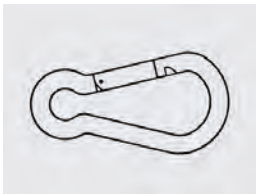
Art. No.	Packaging unit (VPE)
0956 472	1 PCS



VISO fire brigade snap hook assortment

Type C, galvanised steel





Art. No.	Packaging unit (VPE)
0956 524	1 PCS

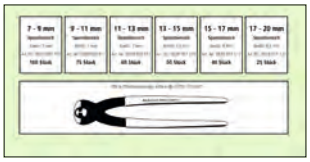


VISO assortment, 2-ear clamps incl. Pliers





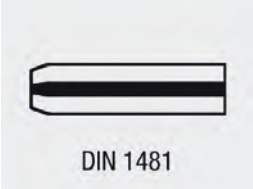
Art. No.	Packaging unit (VPE)
0956 539 001	1 PCS



VISO assortment clamping sleeves DIN 1481

Ø 7 x 40 - 12 x 60 mm, phosphate-treated spring steel





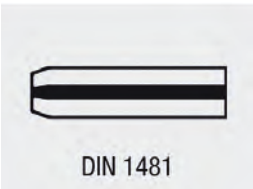
Art. No.	Packaging unit (VPE)
0956 475	1 PCS



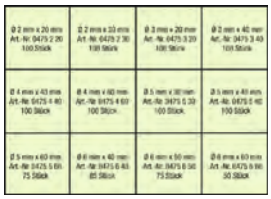
VISO assortment clamping sleeves DIN 1481

Ø 2 mm–6 mm, phosphated spring steel





Art. No.	Packaging unit (VPE)
0956 475 1	1 PCS

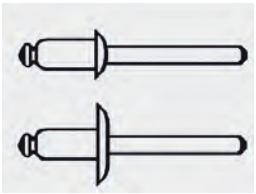


VISO assortment multi-purpose rivet/blind rivet with round pan head including hand rivet tool

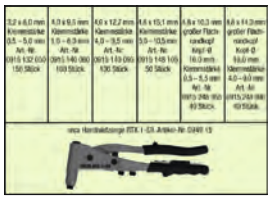
Sleeve: Aluminium alloy

Mandrel: Galvanised steel





Art. No.	Packaging unit (VPE)
0956 915 001	1 PCS



VISO multi-purpose rivet (aluminium steel)/blind rivet (A2/A2) assortment with round pan head

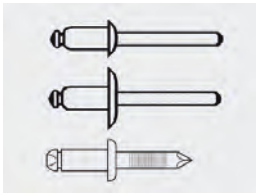
Multi-purpose rivet sleeve: Aluminium alloy

Multi-purpose rivet mandrel: Galvanised steel

Blind rivet sleeve: Stainless steel A2

Blind rivet mandrel: Stainless steel A2





Art. No.	Packaging unit (VPE)
0956 915 931	1 PCS

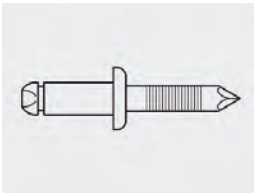


VISO assortment blind rivet A2/A2 with round pan head including hand rivet tool

Sleeve: Stainless steel A2

Mandrel: Stainless steel A2





Art. No.	Packaging unit (VPE)
0956 931	1 PCS

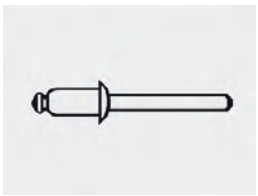


VISO assortment blind rivet aluminium/steel with round pan head including hand rivet tool

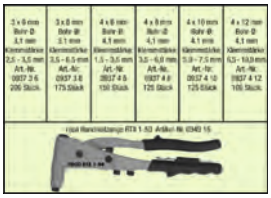
Sleeve: Aluminium alloy

Mandrel: Steel, galvanised





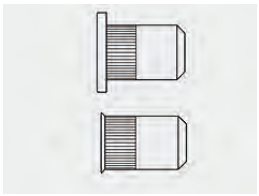
Art. No.	Packaging unit (VPE)
0956 937	1 PCS



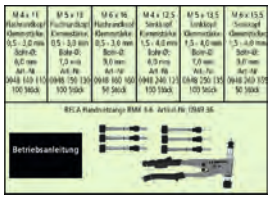
VISO assortment blind rivet nuts with round pan head and countersunk head including hand rivet tool

Material: Aluminium (AlMg3)





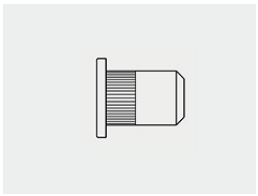
Art. No.	Packaging unit (VPE)
0956 948 012	1 PCS



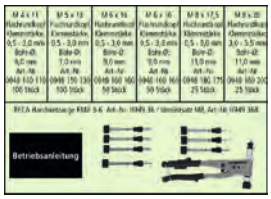
VISO assortment blind rivet nuts with round pan head including hand rivet tool

Material: Aluminium (AlMg3)





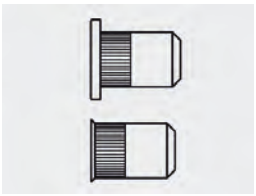
Art. No.	Packaging unit (VPE)
0956 948 018	1 PCS



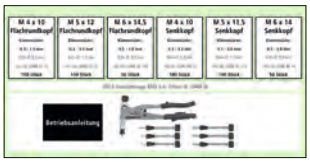
VISO assortment blind rivet nuts with round pan head/countersunk head with knurling, including hand rivet tool

Material: Steel, galvanised





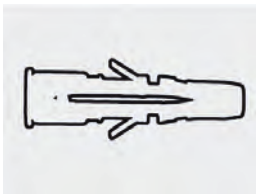
Art. No.	Packaging unit (VPE)
0956 948 34	1 PCS



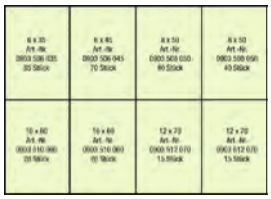
VISO assortment, multi-purpose wall plugs RMU

Ø: 6 - 12 mm





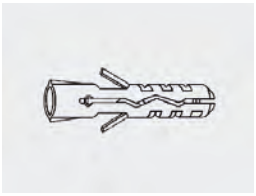
Art. No.	Packaging unit (VPE)
0956 903	1 PCS



VISO assortment, nylon dowels RND

Ø: 5 - 16 mm





Art. No.	Packaging unit (VPE)
0956 903 1	1 PCS



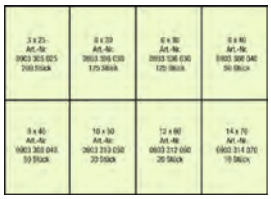
VISO assortment, nylon dowels RND Quattro

Ø: 5 - 14 mm





Art. No.	Packaging unit (VPE)
0956 903 3	1 PCS



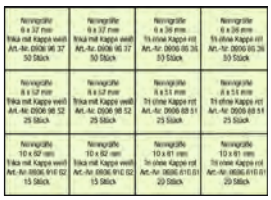
VISO assortment, nylon dowels TOX

Ø 6 - 10 mm, TRI/TRIKA





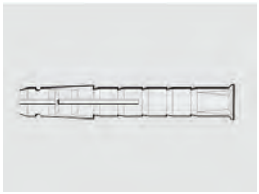
Art. No.	Packaging unit (VPE)
0956 906	1 PCS



VISO assortment Bizeps perforated brick rawlplug

Ø: 6 - 12 mm





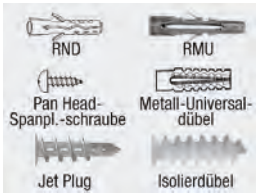
Art. No.	Packaging unit (VPE)
0956 906 6	1 PCS



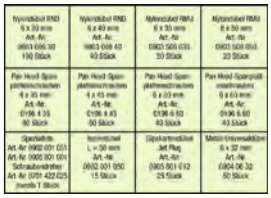
VISO assortment anchors/screws

Incl. bits





Art. No.	Packaging unit (VPE)
0956 903 2	1 PCS



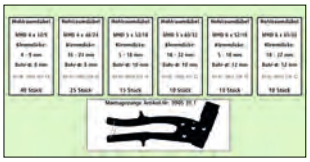
VISO assortment, metal cavity anchors

Ø 4 - 6 mm incl. setting tool for cavity anchors



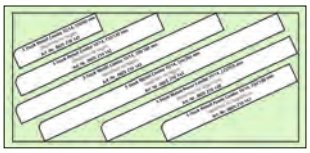


Art. No.	Packaging unit (VPE)
0956 905 20	1 PCS

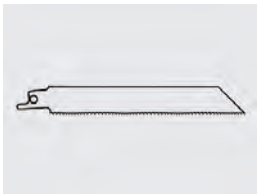


VISO assortment Combo sabre saw blades

For metal, 10/14 tooth pitch



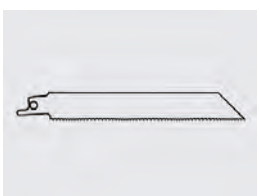




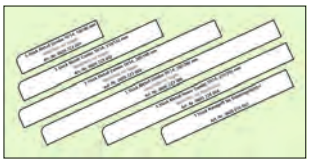
VISO sabre saw blade assortment Combo/Power Combo

for metal, 10/14 tooth pitch incl. handle for sabre saw blades





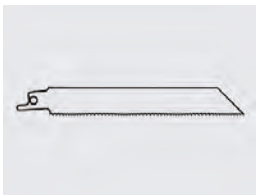
Art. No.	Packaging unit (VPE)
0956 605 2	1 PCS



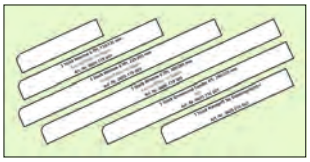
VISO assortment of Wood line sabre saw blades

for wood incl. handle for sabre saw blades





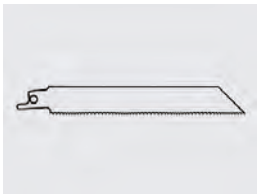
Art. No.	Packaging unit (VPE)
0956 605 3	1 PCS



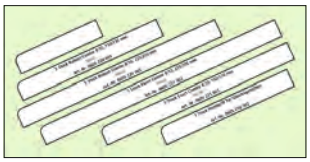
VISO assortment of Robust/Exact Combo sabre saw blades

for metal, 8/10 tooth pitch incl. handle for sabre saw blades





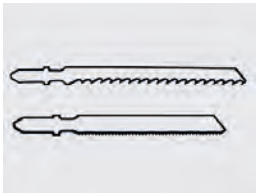
Art. No.	Packaging unit (VPE)
0956 605 4	1 PCS



VISO assortment, jigsaw blades

for use with metal, wood, and plastic





Art. No.	Type description	Number of pieces in assortment/set	Packaging unit (VPE)
0956 604 1	Jigsaw blades x8	80	1 PCS



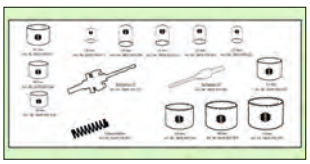
VISO assortment for universal extreme hole saws

HSS-Co8 bimetal





Art. No.	Packaging unit (VPE)
0956 609 001	1 PCS



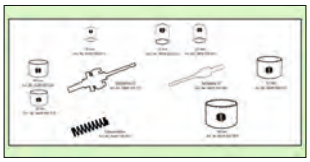
Sanitary extreme hole saws VISO assortment

HSS-Co8 bimetal





Art. No.	Packaging unit (VPE)
0956 609 002	1 PCS



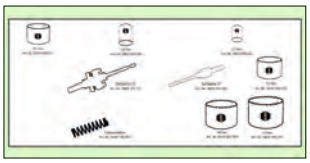
Electrical extreme hole saws VISO assortment

HSS-Co8 bimetal





Art. No.	Packaging unit (VPE)
0956 609 003	1 PCS



VISO assortment, individual with dimpled foam inlay



Art. No.	Packaging unit (VPE)
0956 608 004	1 PCS

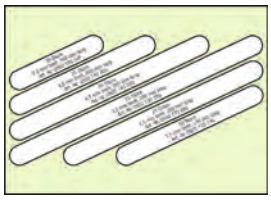
VISO assortment cable ties, natural

Plastic PA 6.6





Art. No.	Packaging unit (VPE)
0956 502 11	1 PCS



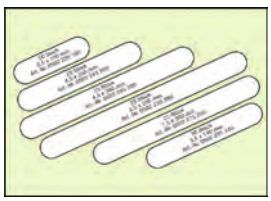
VISO assortment cable ties, black

Plastic PA 6.6





Art. No.	Packaging unit (VPE)
0956 502 2	1 PCS



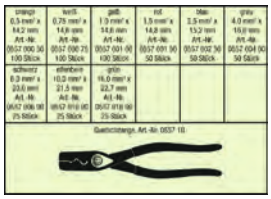
VISO assortment insulated wire end sleeves including wire crimper

E-Cu, tin-coated





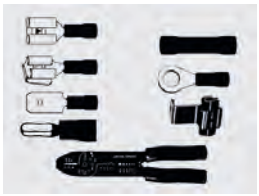
Art. No.	Packaging unit (VPE)
0956 557 10	1 PCS



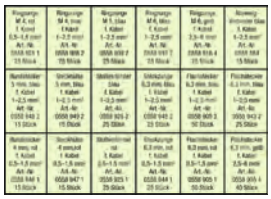
VISO assortment insulated cable connectors including cable connector pliers

465 pcs





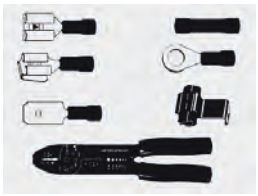
Art. No.	Packaging unit (VPE)
0956 558 1	1 PCS



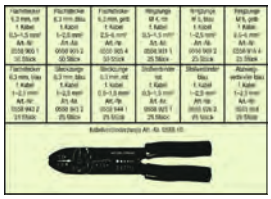
VISO assortment insulated cable connector including cable connection pliers

320 pcs



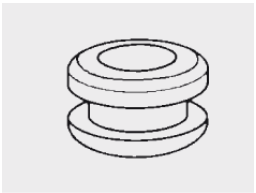


Art. No.	Packaging unit (VPE)
0956 558 2	1 PCS



VISO cable grommet assortment, rubber





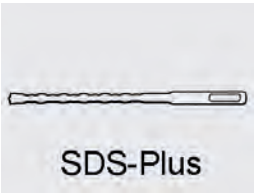
Art. No.	Packaging unit (VPE)
0956 561 001	1 PCS



VISO speed-tron hammer drill bit assortment

Ø: 5 - 12 mm





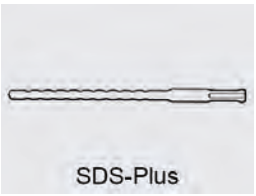
Art. No.	Packaging unit (VPE)
0956 648 5	1 PCS



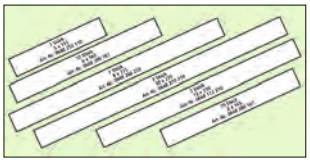
VISO assortment x-tron ultra hammer drill bit

Ø: 5 - 12 mm





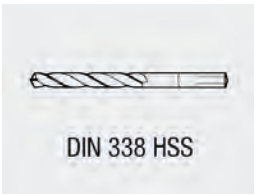
Art. No.	Packaging unit (VPE)
0956 648 2	1 PCS



VISO assortment EVO twist drill DIN 338 HSS

dia.: 2.0 - 10.0 mm





Art. No.	Packaging unit (VPE)
0956 623	1 PCS



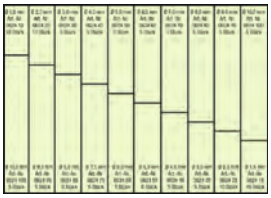
VISO assortment twist drill HSS

dia.: 1.0 - 10.5 mm





Art. No.	Packaging unit (VPE)
0956 624	1 PCS



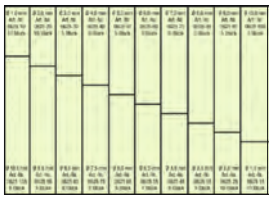
VISO assortment HSS assembly drill

dia.: 1.0 - 10.5 mm





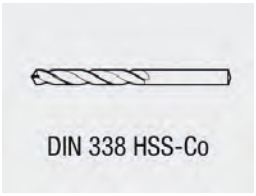
Art. No.	Packaging unit (VPE)
0956 625	1 PCS



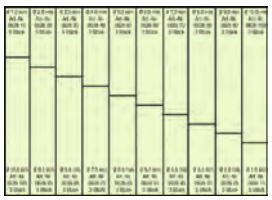
VISO assortment twist drill DIN 338 HSS-Co

dia.: 1.0 - 10.5 mm





Art. No.	Packaging unit (VPE)
0956 626	1 PCS



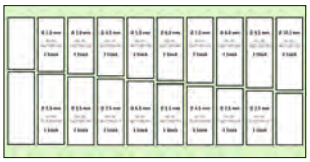
VISO assortment ultra INOX twist drill HSS-Co

dia.: 2.0 - 10 mm





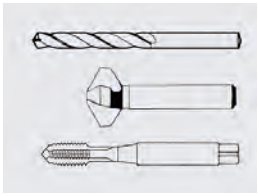
Art. No.	Packaging unit (VPE)
0956 627	1 PCS



VISO assortment, machine tap, blue ring

M3–M 10, including core drill and conical countersink, blue ring





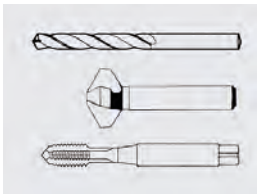
Art. No.	Packaging unit (VPE)
0956 644	1 PCS



VISO assortment, machine tap, green ring

M3–M 10, including core drill and conical countersink, green ring





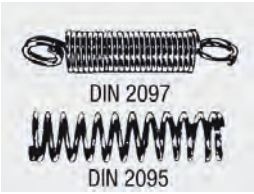
Art. No.	Packaging unit (VPE)
0956 643	1 PCS



VISO assortment tension and compression springs DIN 2097/2095

Galvanised spring steel





Art. No.	Packaging unit (VPE)
0956 506	1 PCS



VISO assortment insert nuts, M4 - M12

Hardened steel, yellow chromatised





Art. No.	Packaging unit (VPE)
0956 660	1 PCS

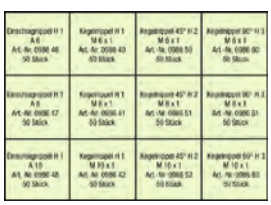


VISO grease nipple assortment DIN 71412 / 71414 A





Art. No.	Packaging unit (VPE)
0956 986	1 PCS



VISO ultra 2-C utility knife assortment

Incl. spare blades





Art. No.	Packaging unit (VPE)
0956 710 1	1 PCS



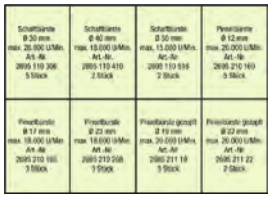
VISO assortment, wire brushes

Steel wire





Art. No.	Packaging unit (VPE)
0956 269 5	1 PCS



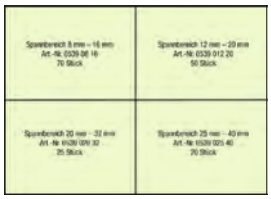
VISO assortment, hose clamps

Strap width 9 mm





Art. No.	Packaging unit (VPE)
0956 539	1 PCS



VISO assortment, silicone tips



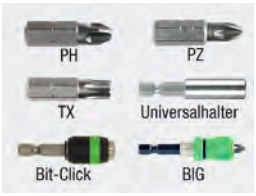
Art. No.	Packaging unit (VPE)
0956 891	1 PCS



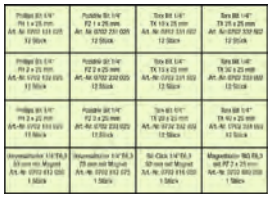
VISO assortment, bits with bit holders, 1/4“

PH, PZ, TX





Art. No.	Packaging unit (VPE)
0956 702 001	1 PCS

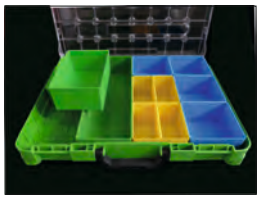


VISO XL case with empty boxes

Product description:
RECA VISO XL case with empty boxes equipped. Case shell made from light, high-quality PP plastic and the transparent cover made from polycarbonate guarantee high breakage resistance.

Advantages:
- Extremely stable
- Transparent cover
- Easy to handle
- Maximum flexibility for equipment
- Integrated stabilisers on the bottom and cover









Art. No.	Type description	Width	Depth	Height	Material of the bottom section	Material of the lid	Packaging unit (VPE)
0956 002	VISO XL	440.0 mm	330.0 mm	82.0 mm	Polypropylene	Polycarbonate	1 PCS

Empty boxes

for RECA VISO XL and RECA Boxxes



Art. No.	Type description	Width	Depth	Height	Colour	Packaging unit (VPE)
0956 002 5	Empty box A3	52.0 mm	52.0 mm	63.0 mm	Red	1 PCS
0956 002 4	Empty box B3	104.0 mm	52.0 mm	63.0 mm	Yellow	1 PCS
0956 002 3	Empty box C3	104.0 mm	104.0 mm	63.0 mm	Blue	1 PCS
0956 002 2	Empty box D3	156.0 mm	104.0 mm	63.0 mm	Green	1 PCS
0956 002 6	Empty box F3	208.0 mm	52.0 mm	63.0 mm	Orange	1 PCS
0956 002 1	Empty box G3	312.0 mm	104.0 mm	63.0 mm	Green	1 PCS
0955 010 001	Empty box U3 U-shape	312.0 mm	70.0 mm	63.0 mm	Grey	1 PCS

RECA Boxx 102 plastic system case

Organisation and transport system

Product description:
Equipped with empty boxes, deep-drawn parts or foam inserts, ensures ideal transport of small parts and consumables. Grids on the base and the integrated cover inlay made from hard foam (art. no. 0955 040 002) prevent accidental mixing of the contents even when the RECA Boxx 102 is not full.



Advantages:
- Perfect functionality
  The highly innovative click mechanism permits non-slip stacking and secure connection of RECA Boxes
  The RECA Boxes can be connected to each other and then separated again in just one action
- Unlimited flexibility and brilliant organisation
  Various empty boxes, inserts, inlays and foam inserts offer numerous options for filling the boxes and keeping them tidy
- Convenient to use
  Easy to carry thanks to the ergonomically shaped handle and lateral recessed handles made from soft plastic
  The practical click mechanism allows several boxes to be transported simultaneously
- Extremely stable
  Light, extremely high-quality ABS plastic ensures maximum breakage resistance

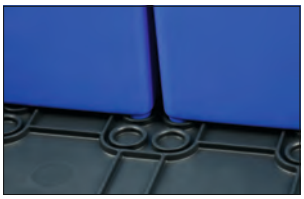




Advice:
RECA Boxx 102, empty, including cover inlay
RECA Boxx IB1 102, equipped with empty boxes, including cover inlay









Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Product weight (per item)	Material	Packaging unit (VPE)
0955 001 102	102	442 x 357 x 117 mm	442 mm	357 mm	117 mm	Graphite grey, Green	2.1 kg	ABS	1 PCS
0955 102 001	IB1 102	442 x 357 x 117 mm	442 mm	357 mm	117 mm	Graphite grey, Green	3.0 kg	ABS	1 PCS



RECA Boxx 136 plastic system case

Organisation and transport system

Product description:
Individually equipped with empty boxes, inlays or foam inserts, the RECA Boxx 136 always ensures good order and secure transport of fasteners and electrical devices.

Advantages:

- Perfect functionality
  The highly innovative click mechanism permits non-slip stacking and secure connection of RECA Boxes
  The RECA Boxes can be connected to each other and then separated again in just one action
- Unlimited flexibility and brilliant organisation
  Various empty boxes, inserts, inlays and foam inserts offer numerous options for filling the boxes and keeping them tidy
- Convenient to use
  Easy to carry thanks to the ergonomically shaped handle and lateral recessed handles made from soft plastic
  The practical click mechanism allows several boxes to be transported simultaneously
- Extremely stable
  Light, extremely high-quality ABS plastic ensures maximum breakage resistance









Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Product weight (per item)	Material	Packaging unit (VPE)
0955 001 136	136	442 x 357 x 151 mm	442 mm	357 mm	151 mm	Graphite grey, Green	2.2 kg	ABS	1 PCS

RECA Boxx 238 plastic system case

Organisation and transport system

Product description:
Ideal for the secure transport of bulky tools, machines and working materials of all types.

Advantages:
- Perfect functionality
  The highly innovative click mechanism permits non-slip stacking and secure connection of RECA Boxes
  The RECA Boxes can be connected to each other and then separated again in just one action
- Unlimited flexibility and brilliant organisation
  Various empty boxes, inserts, inlays and foam inserts offer numerous options for filling the boxes and keeping them tidy
- Convenient to use
  Easy to carry thanks to the ergonomically shaped handle and lateral recessed handles made from soft plastic
  The practical click mechanism allows several boxes to be transported simultaneously
- Extremely stable
  Light, extremely high-quality ABS plastic ensures maximum breakage resistance







Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Product weight (per item)	Material	Packaging unit (VPE)
0955 000 238	238	442 x 357 x 253 mm	442 mm	357 mm	253 mm	Graphite grey, Green	2.8 kg	ABS	1 PCS

RECA Boxx 374 plastic system case

Organisation and transport system

Product description:
Offers outstanding transport options for bulky tools, machines and large quantities of working materials.

Advantages:
- Perfect functionality
- The highly innovative click mechanism permits non-slip stacking and secure connection of RECA Boxes
- The RECA Boxes can be connected to each other and then separated again in just one action
- Unlimited flexibility and brilliant organisation
- Various empty boxes, inserts, inlays and foam inserts offer numerous options for filling the boxes and keeping them tidy
- Convenient to use
- Easy to carry thanks to the ergonomically shaped handle and lateral recessed handles made from soft plastic
- The practical click mechanism allows several boxes to be transported simul-



taneously
- Extremely stable
- Light, extremely high-quality ABS plastic ensures maximum breakage resistance





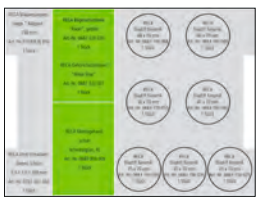
Art. No.	Type description	Width	Width x depth x height (external dimension)	Depth	Height	Colour	Product weight (per item)	Material	Packaging unit (VPE)
0955 000 374	374	442 mm	442 x 357 x 389 mm	357 mm	389 mm	Graphite grey, Green	3.4 kg	ABS	1 PCS

RECA Boxx 136 diadrill ceramic assortment, 7 pcs.

For clean holes in hard tiles, stoneware, thin granite and ceramic.



Art. No.	Packaging unit (VPE)
0955 663 700	1 PCS



Impact tool RECA HIT incl. concrete pins in RECA Boxx 102





Art. No.	Content remark	Packaging unit (VPE)
0955 864 001	0864 014 18 – 2000 pieces concrete pins 10 mm collar 4 x 18 mm 0864 1 – 2 pieces RECA HIT concrete pin inserter SDS plus 0864 11 – 1 piece RECA HIT concrete pin inserter repair set 0700 001 100 – 1 piece RECA belt pouch 0955 001 102 – 1 piece RECA Boxx 102 with front handle 0956 002 6 – 1 piece empty box F3 orange	1 PCS

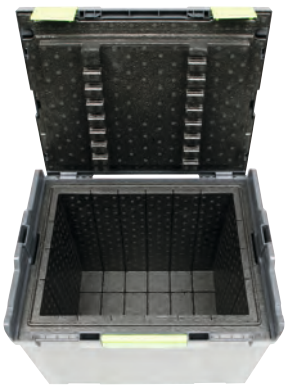


RECA Boxx Thermo 374 thermal plastic system case

Product description:
RECA Boxx 374 with integrated, well-insulated thermal insert for temperature-independent storage and secure transport of construction chemistry products. The two-piece thermal insert consists of a basic body and a practical cover inlay that offers additional space for silicone tips and mixer nozzles.

Advantages:
- Protects temperature-sensitive products from extreme temperature influences
- Orderly, upright storage of construction chemistry products

Advice:
The internal temperature of the filled RECA Boxx Thermo does not fall below 0°C over ten hours at an initial temperature of 20°C and an ambient temperature of -10°C.







Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Product weight (per item)	Packaging unit (VPE)
0955 001 374	Thermo 374	442 x 357 x 389 mm	442 mm	357 mm	389 mm	Graphite grey, Green	4.126 kg	1 PCS

Inlay for RECA Boxx 102 plastic system case



Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Packaging unit (VPE)
0955 020 005	5 compartments	405 x 315 x 62 mm	405 mm	315 mm	62 mm	Black	1 PCS
0955 020 008	8 compartments	405 x 315 x 62 mm	405 mm	315 mm	62 mm	Black	1 PCS
0955 020 012	12 compartments	405 x 315 x 62 mm	405 mm	315 mm	62 mm	Black	1 PCS







Inlay for arecal and foam cans

Product description:
The arecal foam inlay offers space for 7 arecal or PU foam cans. A total of two of these foam inlays fit into RECA Boxxes 238 and 374.



Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Diameter	Packaging unit (VPE)
0955 030 007	7 compartments	295.0 x 190.0 x 95.0 mm	295.0 mm	190.0 mm	95.0 mm	Black	73 mm	1 PCS

Insert for S-Chemie cartridges

Product description:
Foam inlay S-Chemie suitable for 13 RECA S-Chemie cartridges. A total of two of these foam inlays fit into RECA Boxx 374.



Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Diameter	Packaging unit (VPE)
0955 030 013	13 compartments	295.0 x 190.0 x 95.0 mm	295.0 mm	190.0 mm	95.0 mm	Black	53 mm	1 PCS

RECA Boxx foam inlay, individual

Product description:
Pre-perforated foam inlay for RECA Boxxes 102 and 136 for individual filling and secure transport of valuable contents.



Art. No.	Type description	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Packaging unit (VPE)
0955 030 102	102	405.0 x 315.0 x 50.0 mm	405.0 mm	315.0 mm	50.0 mm	Black	1 PCS
0955 030 136	136	405.0 x 315.0 x 85.0 mm	405.0 mm	315.0 mm	85.0 mm	Black	1 PCS

RECA Boxx lid insert for hand tools

Product description:
For filling RECA Boxxes with hand tools. The tool inlay can be quickly and easily fitted in the lid of RECA Boxxes.

Advice:
A mounting set with assembly instructions is included.



Art. No.	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Packaging unit (VPE)
0955 040 001	380.0 x 20.0 x 315.0 mm	380.0 mm	20.0 mm	315.0 mm	Black	1 PCS

RECA Boxx hard foam lid insert

Product description:
The practical hard foam lid insert provides additional protection for the contents of RECA Boxxes during transport.

Advice:
The hard foam lid insert comes integrated in the lid of every RECA Boxx 102 and is included in the scope of delivery.



Art. No.	Width x depth x height (external dimension)	Width	Depth	Height	Colour	Packaging unit (VPE)
0955 040 002	405.0 x 30.0 x 333.0 mm	405.0 mm	30.0 mm	333.0 mm	Black	1 PCS

Rollers for RECA Boxx

Product description:
The practical mobile platform for all RECA Boxxes. The boxes are simply clicked into place.

Advice:
The maximum load on the roller is 100 kg.









Art. No.	Width x depth x height (external dimension)	Width	Depth	Height	Packaging unit (VPE)
0955 040 010	646 x 492 x 184 mm	646 mm	492 mm	184 mm	1 PCS

Plastic storage boxes

For storing small parts, consumables and bulk materials in a way that makes them easy to locate

Advantages:

- Available in five different sizes and colours
- Resistant to common greases and oils
- Temperature resistant from –20° to +100° C
- Impact-resistant and break-proof
- Accurate stacking due to continuous edge
- Highly stable thanks to stiffening ribs
- Rounded edges reduce the risk of injury
- Label frames are suitable for SelCo labels and therefore ideal for installing SelCo racks
- Useful accessories such as dividing elements and front flaps can be retro-fitted
- Matching standard racks are available from Tino



Art. No.	Size	Colour	External length	External width	External height	Internal length	Internal width	Interior height	Packaging unit (VPE)
0962 211 012	1	Blue	489 mm	304.0 mm	185.0 mm	425.0 mm	280 mm	172 mm	1 PCS
0962 211 013	1	Green	489 mm	304.0 mm	185.0 mm	425.0 mm	280 mm	172 mm	1 PCS
0962 211 015	1	Grey	489 mm	304.0 mm	185.0 mm	425.0 mm	280 mm	172 mm	1 PCS
0962 211 011	1	Red	489 mm	304.0 mm	185.0 mm	425.0 mm	280 mm	172 mm	1 PCS
0962 211 014	1	Yellow	489 mm	304.0 mm	185.0 mm	425.0 mm	280 mm	172 mm	1 PCS
0962 211 022	2	Blue	335 mm	209.0 mm	152.0 mm	293.0 mm	194 mm	139 mm	1 PCS
0962 211 023	2	Green	335 mm	209.0 mm	152.0 mm	293.0 mm	194 mm	139 mm	1 PCS
0962 211 025	2	Grey	335 mm	209.0 mm	152.0 mm	293.0 mm	194 mm	139 mm	1 PCS
0962 211 021	2	Red	335 mm	209.0 mm	152.0 mm	293.0 mm	194 mm	139 mm	1 PCS
0962 211 024	2	Yellow	335 mm	209.0 mm	152.0 mm	293.0 mm	194 mm	139 mm	1 PCS
0962 211 032	3	Blue	230 mm	150.0 mm	130.0 mm	192.0 mm	130 mm	118 mm	1 PCS
0962 211 033	3	Green	230 mm	150.0 mm	130.0 mm	192.0 mm	130 mm	118 mm	1 PCS
0962 211 035	3	Grey	230 mm	150.0 mm	130.0 mm	192.0 mm	130 mm	118 mm	1 PCS
0962 211 031	3	Red	230 mm	150.0 mm	130.0 mm	192.0 mm	130 mm	118 mm	1 PCS

Art. No.	Size	Colour	External length	External width	External height	Internal length	Internal width	Interior height	Packaging unit (VPE)
0962 211 034	3	Yellow	230 mm	150.0 mm	130.0 mm	192.0 mm	130 mm	118 mm	1 PCS
0962 211 042	4	Blue	161 mm	105.0 mm	75.0 mm	137.0 mm	89 mm	63 mm	1 PCS
0962 211 043	4	Green	161 mm	105.0 mm	75.0 mm	137.0 mm	89 mm	63 mm	1 PCS
0962 211 045	4	Grey	161 mm	105.0 mm	75.0 mm	137.0 mm	89 mm	63 mm	1 PCS
0962 211 041	4	Red	161 mm	105.0 mm	75.0 mm	137.0 mm	89 mm	63 mm	1 PCS
0962 211 044	4	Yellow	161 mm	105.0 mm	75.0 mm	137.0 mm	89 mm	63 mm	1 PCS
0962 211 052	5	Blue	90 mm	102.0 mm	50.0 mm	68.0 mm	88 mm	44 mm	1 PCS
0962 211 053	5	Green	90 mm	102.0 mm	50.0 mm	68.0 mm	88 mm	44 mm	1 PCS
0962 211 051	5	Red	90 mm	102.0 mm	50.0 mm	68.0 mm	88 mm	44 mm	1 PCS






Rack marking strips

Application area:
For inserting RECA labels (labels can be obtained from your RECA representative)



Art. No.	Width	Height	Packaging unit (VPE)
0963 400	790.0 mm	30.0 mm	1 PCS
0963 496 3	970.0 mm	30.0 mm	1 PCS

Dividers

For storing different products and dimensions in one box

Product description:
For storing different products and dimensions in one box

Advantages:
- Boxes can be divided lengthwise or crosswise
- Pre-embossed label fields on separating elements



Art. No.	Type description	Packaging unit (VPE)
0962 210 111	Dividing panels for plastic storage boxes	5 PCS
0962 210 112	Dividing panels for plastic storage boxes	5 PCS
0962 210 121	Dividing panels for plastic storage boxes	10 PCS
0962 210 122	Dividing panels for plastic storage boxes	10 PCS
0962 210 132	Dividing panels for plastic storage boxes	10 PCS
0962 210 142	Dividing panels for plastic storage boxes	10 PCS



Front flaps

For protecting the labels from soiling and damage

Advantages:
- Folding
- Match our SelCo labels and hence suitable for setting up SelCo racks



Art. No.	Type description	Packaging unit (VPE)
0962 210 113	Front flaps for plastic storage boxes	5 PCS

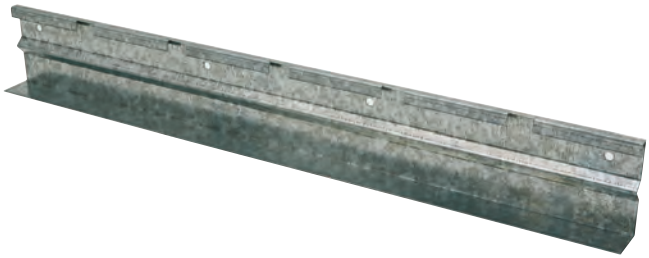
Art. No.	Type description	Packaging unit (VPE)
0962 210 133	Front flaps for plastic storage boxes	10 PCS



Wall Mounting Strip

For suspending several storage boxes

Advantages:
- As replacement or for supplementing racks
- Can be used at mounting locations, on workbenches or on the wall
- Supplied without boxes!



Art. No.	Suitable for storage boxes	Number of boxes	Length	Packaging unit (VPE)
0960 70	Size 3	6 PCS	880.0 mm	1 PCS
0960 90	Size 4	6 PCS	600.0 mm	1 PCS
0960 80	Size 4	9 PCS	1000.0 mm	1 PCS

RECA fabric tool bag

Product description:
The bag is made from high-quality, hard-wearing fabric.
Supplied without the tool illustrated.

Advantages:
- With removable shoulder strap.
- Handle opening can be closed to protect the contents.
- Very comfortable to wear thanks to the sponge rubber handle.
- Bottom storage compartment is suitable for a RECA assortment.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0700 001 200	430.0 mm	280 mm	260.0 mm	2.8 kg	1 PCS





RECA basic tool case

Product description:
The case shells are made from high-impact resistant ABS. The aluminium frame is robust and is equipped with edge protection. The hinges are covered to prevent damage. The case has two lockable metal tilt locks.
The base shell can be used and divided as required with a connector system. The cover panel features 15 tool compartments (tool pockets). The tool panel has 22 tool compartments. There is a removable document pocket in the lid, that is equipped with a rip-tape fastener.

Advice:
Maximum load capacity: 25 kg
Dimensions: 490x365x188 mm









Art. No.	Packaging unit (VPE)
0695 007 001	1 PCS

RECA tool case

Product description:
RECA tool case made from high-impact resistant ABS. A robust aluminium frame with impact edge protection, protects the tool and the case.
Two toggle locks and a combination lock for security.
Four additional floor fittings ensure that the shell is not scratched and the case stands better.
A robust, comfortable grip provides the required comfort when being carried.
The base shell can be divided separately by aluminium dividers (2 aluminium dividers, 4 end caps, 2 middle caps).
Detachable tool panel in the cover with 22 tool pockets on front and rear.
Removable cover panel for the base shell with 15 tool pockets.
A4 document pocket in the cover which can be removed (riptape fastening).

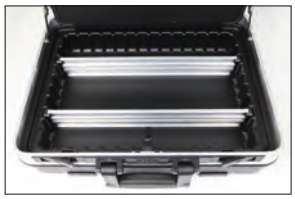
Advice:
Maximum load capacity: 30 kg.











Art. No.	Width x depth x height (external dimension)	Width x depth x height (internal dimension)	Volume	Material	Weight	Packaging unit (VPE)
0695 007 002	500x425x210 mm	470x370x190 mm	33 l	ABS	4.8 kg	1 PCS

RECA tool trolley with rollers

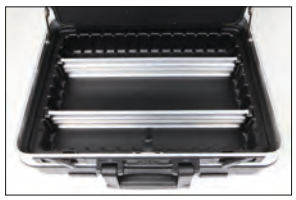
Product description:
RECA trolley tool case made from high-impact resistant ABS with user-friendly telescopic handle and 2 inline rollers.
Convenient to handle, exceptional storage capacity, modern design and always there.
A robust aluminium frame with impact edge protection protects the tool and the case.
Two toggle locks and a combination lock for security.
Four additional floor fittings ensure that the shell is not scratched and the case stands better.
A robust, comfortable grip provides the required comfort when being carried.
The base shell can be divided separately by aluminium dividers (2 aluminium dividers, 4 end caps, 2 middle caps).
Detachable tool panel in the cover with 23 tool pockets on front and rear.
Removable cover panel for the base shell with 15 tool pockets.
A4 document pocket in the cover which can be removed (riptape fastening).











Art. No.	Width x depth x height (external dimension)	Width x depth x height (internal dimension)	Volume	Material	Weight	Packaging unit (VPE)
0695 007 003	515x440x255 mm	485x375x200 mm	36 l	ABS	6.6 kg	1 PCS

RECA tool carry case with aluminium handle

Product description:
With sturdy aluminium handle.
Tool carrying box made from hard-wearing plastic.
Two large compartments provide space for tools and other items.
Dimensions: L 42 cm x W 27 cm x H 27 cm.



Art. No.	Packaging unit (VPE)
0700 001 210	1 PCS

RECA tool boxes

Product description:
Particularly robust model made from stove-enamelled steel sheet.
Box not susceptible to warping even under heavy load.

Advantages:
- Moveable parts smoothly riveted.
- Solid folding bar.
- Through hole in cover for padlock.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0964 002	420.0 mm	200 mm	150.0 mm	3.6 kg	1 PCS
0964 003	420.0 mm	200 mm	200.0 mm	4.3 kg	1 PCS
0964 004	530.0 mm	200 mm	200.0 mm	5.3 kg	1 PCS

RECA stacking box

Product description:
Practical stacking box with lid for storing a wide range of tools, screws, dowels etc.



Art. No.	Length	Width	Height	Internal length	Internal width	Height (from floor to stacking rim)	Colour	Packaging unit (VPE)
0957 004	400 mm	300 mm	270 mm	356 mm	255 mm	255 mm	Green	1 PCS

Sheet-steel case

Product description:
Phosphated sheet steel, powder-coated.
Dimensions are internal dimensions. For external dimensions, add 40 mm to each dimension.

Advantages:
- Resistant to spray and weather-resistant.
- Generously-dimensioned carrying handle.
- Flip-top for mounting padlocks.
- Interior fitted with removable insert.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 011 110	790.0 mm	395 mm	295.0 mm	20.2 kg	1 PCS

Brass lock

Product description:
Cylinder with 4-6 brass pins and bronze springs.
Bar locked on both sides via strong brass latch.
Automatically closing, hardened steel bar.
Each lock has three nickel-plated brass keys.
Lightweight design.



Art. No.	Size	Bracket diameter	Shackle height clearance	Shackle width clearance	Packaging unit (VPE)
0695 011 075	30	5 mm	14.0 mm	14.0 mm	1 PCS
0695 011 076	40	6 mm	19.0 mm	20.0 mm	1 PCS
0695 011 077	50	8.5 mm	25.0 mm	25.0 mm	1 PCS

PARAT cargo roller case

Product description:
Shells made from X-ABS plastic are extremely impact-resistant and may deform on impact but will not split!
Supplied without the tool illustrated.



Advantages:
- With high, 1050 mm long telescopic extension for pulling and pushing the case.
- Large rubberised wheels for smooth running.
- Non-tilting thanks to wide base.
- Max. load 40 kg.
- Castors.
- Hard-wearing tool trays.
- PARAT tilt cylinder locks with position lock.
- Ratchet hinge with lock.
- Fit to fly.

Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 007 091	470.0 mm	355 mm	210.0 mm	6.6 kg	1 PCS

PARAT classic roller case

Product description:
Shells made from X-ABS plastic are extremely impact-resistant and may deform on impact but will not split!
Supplied without the tool illustrated.



Advantages:
- With high, 1050 mm long telescopic extension for pulling and pushing the case.
- Large rubberised wheels for smooth running.
- Non-tilting thanks to wide base.
- Max. load 40 kg.
- Castors.
- Hard-wearing tool trays.
- PARAT tilt cylinder locks.
- Double aluminium frame.
- Ratchet hinge.
- Fit to fly.

Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 007 096	470.0 mm	360 mm	210.0 mm	6.8 kg	1 PCS

PARAT Classic shell case - high base shell

Product description:
Shells made from X-ABS plastic are extremely impact-resistant and may deform on impact but will not split!
Supplied without the tool illustrated.

Advantages:
- Double aluminium frame has max. load of 30 kg.
- Ergonomic handle with padded recessed grips.
- Tilt cylinder locks.
- Ratchet hinges with case cover lock.
- Protective, integrated castors.
- Fit to fly.
- Hard-wearing tool trays.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 007 098	470.0 mm	360 mm	200.0 mm	5 kg	1 PCS

PARAT Classic hard shell case

Product description:
Robust case shells made from black ABS material, impact-resistant.
Supplied without the tool illustrated.

Advantages:
- Aluminium frame has max. load of 20 kg.
- Rigid handle.
- Tilt locks.
- Metal hinges.
- Cover holder.
- Hard-wearing tool trays.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 008 433	465.0 mm	310 mm	170.0 mm	3.7 kg	1 PCS

PARAT cargo hard case

Product description:
Shells made from X-ABS plastic are extremely impact-resistant and may deform on impact but will not split!
Supplied without the tool illustrated.

Advantages:
- Ergonomic handle with padded recessed grips.
- PARAT tilt cylinder locks with automatic position lock mechanism.
- Internal double aluminium frame has max. load of 40 kg.
- Ratchet hinges with case cover lock.
- Protective, integrated castors.
- Hard-wearing tool trays.
- Fit to fly.
- Tool holder system for individual requirements.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 007 093	470.0 mm	355 mm	205.0 mm	5.7 kg	1 PCS

PARAT Top Line tool bag

Product description:
Without interior fittings.
With snap-in locks.

Advantages:
- Can take extreme loads thanks to aluminium angle reinforcement or HDPE side panels.
- Ergonomic handle with partially recessed grips and sturdy metal grip rails.
- Ratchet locks or snap-in locks.
- Protective, integrated castors.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 011 062	360.0 mm	170 mm	110.0 mm	0.6 kg	1 PCS

PARAT classic tool bag

Product description:
Embossed black leather.
Supplied without the tool illustrated.

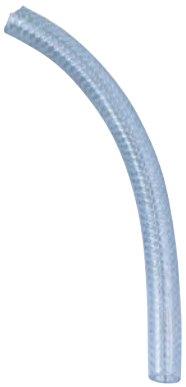
Advantages:
- Partially reinforced with aluminium angle or HDPE side panels.
- Sturdy handles, some with metal grip rails.
- Ratchet locks or snap-in locks.



Art. No.	Length	Width	Height	Product weight (per item)	Packaging unit (VPE)
0695 010 363	420.0 mm	250 mm	160.0 mm	2.6 kg	1 PCS

Transparent compressed air fabric hose

Product description:
Hose in transparent, soft PVC, three layers, approved for use with food.
Material: Soft PVC class A with polyester fibre reinforcement.
Material properties: high chemical resistance, increased UV protection, high pressure resistance and mechanical rigidity.
Operating temperature: -15°C to +60°C.



Art. No.	Outer diameter	Internal diameter	Length	Packaging unit (VPE)
1696 006 1	12 mm	6 mm	25.0 m	1 PCS
1696 009 1	15 mm	9 mm	25.0 m	1 PCS
1696 013 1	20 mm	13 mm	25.0 m	1 PCS

Compressed air spiral hose

Product description:
Spiral hose material: Polyether-Polyurethane
Material properties: high elasticity, extremely flexible, enormous resilience, hydrolysis and microbe-resistant, copper and PTFE-free, RoHs-compliant
Hardness: 98 Shore A
Hose screw connection, fully mounted incl. 1/4 coupling and 1/4i plug-in nipple.
With anti-kink protection.



Art. No.	Outer diameter	Internal diameter	Length	Packaging unit (VPE)
1696 001	8 mm	5.7 mm	3 m	1 PCS

Hose winder

Product description:
Hose length: 9 m plus 1 m.
Long supply hose: 1.5 m.
Output connection: G 1/4a.
Input connection: free.
Hose: Polyurethane 12/8 mm.
Plastic housing.
Operating temperature: -5°C to +40°C.



Art. No.	Packaging unit (VPE)
1696 002	1 PCS

Compressed air one-handed quick coupling with male thread

Product description:
Nominal width DN 7.2.
One-side lockable.
Threaded fitting Ms 58.
Valve body Ms 58.
Releasing sleeve Ms 58.
Valve Ms 58.
Springs, stainless steel snap ring.
Stainless steel balls.
Perbunan seals.

Temperature range -20°C to +100°C.
Operating pressure 0–35 bar.



Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 101 012	1/2 inch	22 mm	1 PCS
1696 101 014	1/4 inch	22 mm	1 PCS
1696 101 038	3/8 inch	22 mm	1 PCS

Compressed air one-handed quick coupling with female thread

Product description:
Nominal width DN 7.2.
One-side lockable.
Threaded fitting Ms 58.
Valve body Ms 58.
Releasing sleeve Ms 58.
Valve Ms 58.
Springs, stainless steel snap ring.
Stainless steel balls.
Perbunan seals.

Temperature range -20°C to +100°C.
Operating pressure 0–35 bar.



Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 101 112	1/2 inch	24 mm	1 PCS
1696 101 114	1/4 inch	22 mm	1 PCS
1696 101 138	3/8 inch	22 mm	1 PCS

Compressed air one-handed quick coupling with grommet

Product description:
Nominal width DN 7.2.
One-side lockable.
Threaded fitting Ms 58.
Valve body Ms 58.
Releasing sleeve Ms 58.
Valve Ms 58.
Springs, stainless steel snap ring.
Stainless steel balls.
Perbunan seals.

Temperature range -20°C to +100°C.
Operating pressure 0–35 bar.

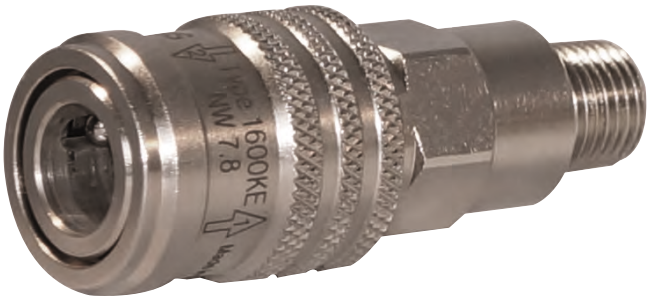


Art. No.	Outer diameter	Width across flats	Packaging unit (VPE)
1696 101 306	6 mm	22 mm	1 PCS
1696 101 309	9 mm	22 mm	1 PCS
1696 101 313	13 mm	22 mm	1 PCS

Compressed air safety coupling with male thread

Product description:
Nominal width DN 7.2.
Gasket material: NBR.
Releasing sleeve material: Steel, hardened.
Spring/snap ring material: Stainless steel 1.4310.
Threaded fitting material: nickel-plated brass.
Ball material: Stainless steel 1.4034.
Valve material: Brass.
Valve body material: Galvanised steel.

Temperature range: -20°C to +100°C.
Operating pressure: 2 - 12 bar.



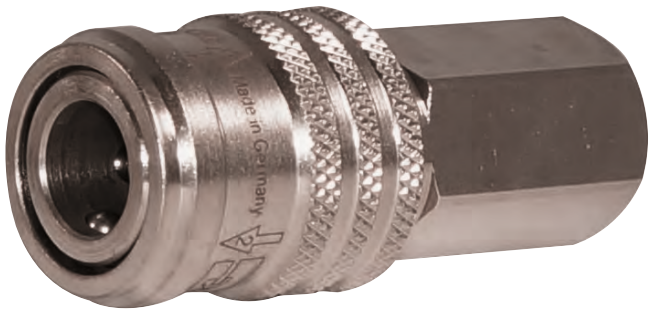
Advice:
Two separate releasing mechanisms ensure that the coupling cannot be opened until it is fully ventilated. We recommend the use of steel coupling plugs.

Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 102 012	1/2 inch	22 mm	1 PCS
1696 102 014	1/4 inch	19 mm	1 PCS
1696 102 038	3/8 inch	19 mm	1 PCS

Compressed air safety coupling with female thread

Product description:
Nominal width DN 7.2.
Gasket material: NBR.
Releasing sleeve material: Steel, hardened.
Spring/snap ring material: Stainless steel 1.4310.
Threaded fitting material: nickel-plated brass.
Ball material: Stainless steel 1.4034.
Valve material: Brass.
Valve body material: Galvanised steel.

Temperature range: -20°C to +100°C.
Operating pressure: 2 - 12 bar.



Advice:
Two separate releasing mechanisms ensure that the coupling cannot be opened until it is fully ventilated. We recommend the use of steel coupling plugs.

Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 102 112	1/2 inch	24 mm	1 PCS
1696 102 114	1/4 inch	19 mm	1 PCS
1696 102 138	3/8 inch	19 mm	1 PCS

Compressed air safety coupling with grommet

Product description:
Nominal width DN 7.2.
Gasket material: NBR.
Releasing sleeve material: Steel, hardened.
Spring/snap ring material: Stainless steel 1.4310.
Threaded fitting material: nickel-plated brass.
Ball material: Stainless steel 1.4034.
Valve material: Brass.
Valve body material: Galvanised steel.

Temperature range: -20°C to +100°C.
Operating pressure: 2 - 12 bar.



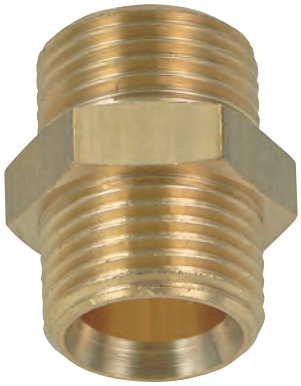
Advice:
Two separate releasing mechanisms ensure that the coupling cannot be opened until it is fully ventilated. We recommend the use of steel coupling plugs.

Art. No.	Outer diameter	Width across flats	Packaging unit (VPE)
1696 102 306	6 mm	19 mm	1 PCS
1696 102 309	9 mm	19 mm	1 PCS
1696 102 313	13 mm	19 mm	1 PCS

Double nipple, compressed air

Product description:
Double nipple with cylindrical male thread.
Thread to ISO 228/1.
Temperature range: -20°C to +120°C
Operating pressure: -0.95 to 25 bar

Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.



Art. No.	Connection thread	Packaging unit (VPE)
1696 104 012	1/2 inch	10 PCS
1696 104 014	1/4 inch	10 PCS
1696 104 038	3/8 inch	10 PCS

Reducing nipple for compressed air

Product description:
Made from brass with cylindrical male thread (60° inner cone and female thread).
Male thread to ISO 228/1.
Operating pressure: -095 - 25 bar.
Temperature range: -20°C up to +120°C

Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.

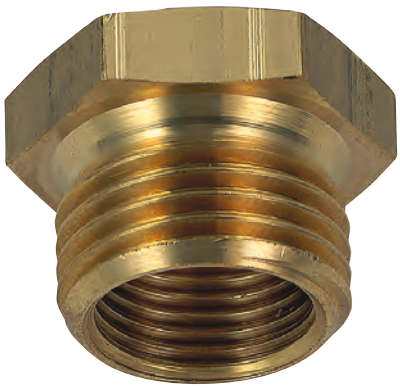


Art. No.	Connection thread	Packaging unit (VPE)
1696 214 12	1/4 x 1/2 inch	10 PCS
1696 214 38	1/4 x 3/8 inch	10 PCS
1696 238 12	3/8 x 1/2 inch	10 PCS
1696 238 34	3/8 x 3/4 inch	10 PCS

Compressed air pipe reducer - short

Product description:
Made from brass with cylindrical male and female thread.
Thread to ISO 228/1.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.

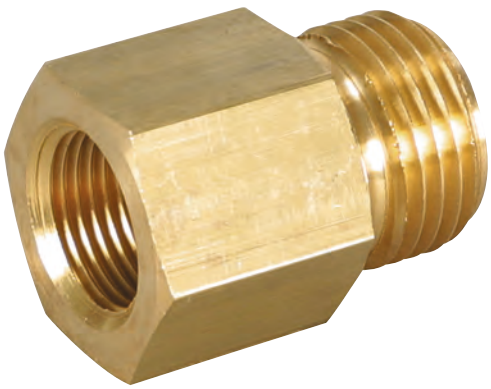


Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 114 12	1/4 x 1/2 inch	24 mm	10 PCS
1696 138 34	3/4 x 3/8 inch	32 mm	10 PCS
1696 138 12	3/8 x 1/2 inch	24 mm	10 PCS
1696 114 38	3/8 x 1/4 inch	19 mm	10 PCS

Compressed air pipe reducer - long

Product description:
Made from brass with cylindrical male thread (60° inner cone and female thread).
Operating pressure: -095 - 25 bar.
Temperature range: -20°C to +120°C.

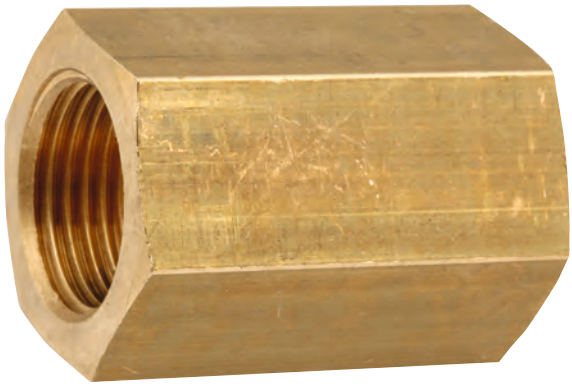
Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.



Art. No.	Connection thread	Width across flats	Packaging unit (VPE)
1696 012 38	1/2 x 3/8 inch	24 mm	10 PCS
1696 014 38	1/4 x 3/8 inch	19 mm	10 PCS
1696 038 12	3/8 x 1/2 inch	24 mm	10 PCS
1696 038 14	3/8 x 1/4 inch	19 mm	10 PCS

Compressed air sleeve

Product description:
Made from brass.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.



Art. No.	Connection thread	Width across flats	Length	Packaging unit (VPE)
1696 301 012	IT 1/2 inch	27 mm	36 mm	10 PCS
1696 301 014	IT 1/4 inch	17 mm	26 mm	10 PCS
1696 301 038	IT 3/8 inch	22 mm	32 mm	10 PCS

Compressed air sealing plug

Product description:
Made from brass with cylindrical male thread and hexagon socket.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.



Art. No.	Connection thread	Length	Packaging unit (VPE)
1696 302 112	1/2 inch	18.5 mm	10 PCS
1696 302 114	1/4 inch	13 mm	10 PCS
1696 302 138	3/8 inch	15 mm	10 PCS

Compressed-air distributor

Product description:
Made from brass.
Nominal width 19.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Not DVGW-approved





Art. No.	Connection thread	Version	Packaging unit (VPE)
1696 602 112	1/2 inch	2-fold	1 PCS
1696 603 112	1/2 inch	3-fold	1 PCS

Compressed air angle piece

Product description:
Made from brass with cylindrical female thread.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Not DVGW-approved



Art. No.	Connection thread	Length	Packaging unit (VPE)
1696 303 012	1/2 inch	26 mm	1 PCS
1696 303 014	1/4 inch	23 mm	1 PCS
1696 303 038	3/8 inch	23.5 mm	1 PCS

Compressed air T-piece

Product description:
Made from brass with cylindrical female thread.
Operating pressure: -0.95 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Not DVGW-approved



Art. No.	Connection thread	Length	Packaging unit (VPE)
1696 304 012	1/2 inch	44.5 mm	1 PCS
1696 304 014	1/4 inch	36 mm	1 PCS
1696 304 038	3/8 inch	31 mm	1 PCS

Compressed air threaded plug nipple with male thread

Product description:
Nominal width DN 7.2.
Threaded plug nipple made from hardened steel and galvanised for coupling sockets.



Art. No.	Connection thread	Width across flats	Working pressure	Packaging unit (VPE)
1696 103 014	1/4 inch	17 mm	35 bar	10 PCS
1696 103 038	3/8 inch	17 mm	35 bar	10 PCS

Compressed air threaded plug nipple with female thread

Product description:
Nominal width DN 7.2.
Threaded plug nipple made from hardened steel and galvanised for coupling sockets.



Art. No.	Connection thread	Width across flats	Working pressure	Packaging unit (VPE)
1696 103 114	1/4 inch	17 mm	35 bar	10 PCS
1696 103 138	3/8 inch	17 mm	35 bar	10 PCS

Threaded plug nipple, compressed air

Product description:
Nominal width DN 7.2.
Push-in sleeve made from hardened and galvanised steel with hose connection for coupling sockets.

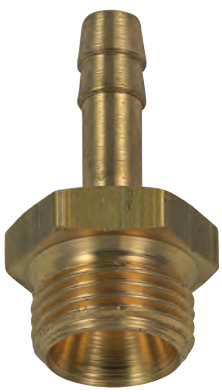


Art. No.	Outer diameter	Working pressure	Packaging unit (VPE)
1696 103 306	6 mm	35 bar	10 PCS
1696 103 309	9 mm	35 bar	10 PCS
1696 103 313	13 mm	35 bar	10 PCS

Hose nozzle for compressed air

Product description:
Made from brass with cylindrical male thread and 60° inner cone
Operating pressure: -095 - 25 bar.
Temperature range: -20°C to +120°C.

Advice:
Male thread with twisted on sealing surface for sealing ring DIN 7603.



Art. No.	Outer diameter	Width across flats	Packaging unit (VPE)
1696 106 014	6 mm	17 mm	10 PCS
1696 106 038	6 mm	19 mm	10 PCS
1696 106 012	6 mm	24 mm	10 PCS
1696 109 014	9 mm	17 mm	10 PCS
1696 109 038	9 mm	19 mm	10 PCS
1696 109 012	9 mm	24 mm	10 PCS
1696 113 014	13 mm	17 mm	10 PCS
1696 113 038	13 mm	19 mm	10 PCS
1696 113 012	13 mm	24 mm	10 PCS

Mounting kit for conditioning unit

Product description:
Scope of delivery: Mounting bracket and 2 screws

Advice:
Suitable for article 1696 001 14.



Art. No.	Packaging unit (VPE)
1696 001 15	1 PCS

Compressed air manometer

Product description:
Display accuracy: Class 1.6 (EN 837 - 1/6).

Ambient temperature: -20°C to +60°C.
Medium temperature: max. +60°C.

Housing material: Sheet steel.
Connector material: Brass.
Number pad material: White plastic.

Scale: bar scale, black (DIN16109), psi scale in red

Field of Application:
For gaseous and liquid, not highly-viscous and non-crystallising media that do not attack copper alloys



Art. No.	Packaging unit (VPE)
1696 305 016	1 PCS

Compressed air ball valve

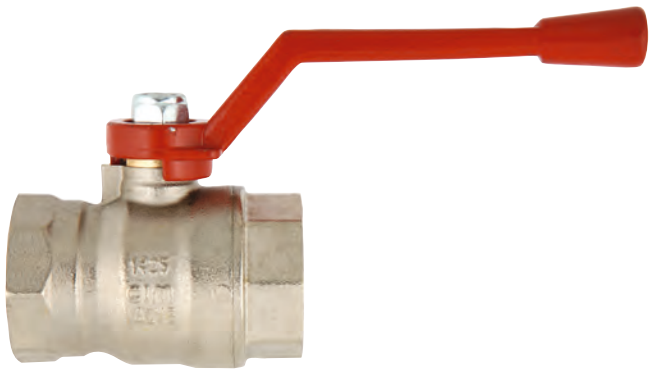
Product description:
Material of housing: Hard chromium plated brass

Material of spindle seal: NBR

Temperature range: -20°C to +180°C

Switching handle colour: red

Advice:
Not DVGW approved, not suitable for drinking water



Art. No.	Connection thread	Max. pressure	Width across flats	Packaging unit (VPE)
1696 300 012	IT 1/2 inch	40 bar	25 mm	1 PCS
1696 300 010	IT 1 inch	30 bar	37 mm	1 PCS
1696 300 034	IT 3/4 inch	30 bar	31 mm	1 PCS

Compressed air blow-out gun in aluminium, short

Product description:
Changing the actuating path on the lever allows infinitely variable adjustment of the air volume up to full output.

Operating pressure 1 - 10 bar.

Connection: Plug-in nipple DN 7.2

Temperature range: -10°C up to +50°C

Advice:
Female thread connection compressed air guns 1/4“



Art. No.	Type	Material	Packaging unit (VPE)
1696 500	Nozzle type: Short nozzle	Aluminium — 6061T6	1 PCS

Blow-out gun, aluminium, nozzle length 150 mm

Product description:
Changing the actuating path on the lever allows infinitely variable adjustment of the air volume up to full output.

Operating pressure 1 - 10 bar.

Connection: Plug-in nipple DN 7.2

Temperature range: -10°C up to +50°C

Advice:
Female thread connection compressed air guns 1/4"



Art. No.	Type	Material	Packaging unit (VPE)
1696 503	Nozzle length: 150 mm	Aluminium — 2024T4	1 PCS

Blow-out gun, plastic, short

Product description:
Gentle on surfaces and light, very robust design, glass bead reinforced, economical due to stepless dosing of air quantity.

Operating pressure 2 - 6 bar.

Connection: Plug-in nipple DN 7.2

Temperature range: -10°C up to +50°C

Advice:
Female thread connection compressed air guns 1/4"



Art. No.	Material	Packaging unit (VPE)
1696 501	Plastic	1 PCS

Blow-out gun, plastic, nozzle length 150 mm

Product description:
Gentle on surfaces and light, very robust design, glass bead reinforced, economical due to stepless dosing of air quantity.

Operating pressure 2 - 6 bar.

Connection: Plug-in nipple DN 7.2

Temperature range: -10°C to +50°C.

Advice:
Female thread connection compressed air guns 1/4"



Art. No.	Type	Material	Packaging unit (VPE)
1696 502	Nozzle length: 150 mm	Plastic	1 PCS

Blow-out gun, plastic, multi-channel extension nozzle

Product description:
Gentle on surfaces and light, very robust design, glass bead reinforced, economical due to stepless dosing of air quantity.

Operating pressure 2 - 6 bar.

Connection: Plug-in nipple DN 7.2

Temperature range: -10°C to +50°C.



Advice:
The multi-channel extension nozzle is energy-saving and has a noise-dampening effect.
The 6 bore holes on the nozzle enable blowing out with pin-point accuracy.

Art. No.	Type	Material	Packaging unit (VPE)
1696 504	Nozzle type: Multi-channel extension nozzle, 120 mm	Plastic	1 PCS

Compressed air starter set

Product description:
Comprising:

- Plastic air pistol with stepless adjustment (incl. 120 mm multi-channel extension nozzle)
- Steel plug-in nipple for coupling socket DN 7.2 (mounted on the blow-out gun)
- Spiral hose made from polyurethane, 5.7 mm clearance; 3.0 m working length; axial outlet with anti-kink protection screws G1/4 mounted on both sides; pivoted
- One-sided shut-off coupling socket G1/4i (mounted on spiral hose)
- Steel plug-in nipple G1/4 inch (mounted on spiral hose)



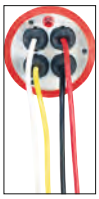
Art. No.	Packaging unit (VPE)
1696 505	1 PCS

Brobusta professional cable drum

Product description:
Cable drum made from highly break-resistant special plastic in accordance with BGI 608 with extra large, ergonomic handle. A stable, powder-coated tubular steel frame with reinforced feet ensures maximum stability and a low centre of gravity.
Complies with BGI 608.
K2 according to BGI 600.
RN cable is approved for harsh conditions in accordance with VDE 0100 section 704



Advantages:
- Bretec rotary contact technology
- Snap and park clip for fixing the cable to the drum
- Robust turning handle for convenient reeling up of the cable drum
- Rotation stop screw on the rear for fixing the drum body
- 3 splash-proof Schuko sockets, control lamp and overload protection
- Can be used in a horizontal or vertical position
- Neoprene rubber cable, resistant to oil and UV radiation





Field of Application:
Extra-robust, approved for outdoor use, on construction sites and in industry.

Advice:
Bretec rotary contact:
The problem: With conventional extension cable drums, the entire drum body - and hence also the mains plug connection - rotates during winding and unwinding. This means: Hazardous twisting of the power connection cable or long distances: Unwind cable, return to the socket, insert plug, return to the tool...

The solution: Bretec, the innovative cable drum. Optimised for use on construction sites, in installation and assembly work, etc. Simply insert in the socket, the drum remains stationary, and then pull the cable out unhindered. The clever part: The power connection cable does not rotate. Thanks to unique Bretec rotary contact technology.



entspricht BGI 608

Art. No.	Type description	IP protection class	Cable type	Power-lead length	Version	Protection class	Packaging unit (VPE)
0774 25	Brobusta 230 V	IP 44	H07RN-F3G1.5 mm²	40.0 m	3 grounding-contact sockets	Protection class II/ protective insulation	1 PCS

Brobusta cable drum, CEE 400 V/16 A/2.5 mm²

Product description:
Cable drum made from highly break-resistant special plastic in accordance with BGI 608 with extra large, ergonomic handle. A stable, powder-coated tubular steel frame with reinforced feet ensures maximum stability and a low centre of gravity.
Complies with BGI 608.
K2 according to BGI 600.
RN cable is approved for harsh conditions in accordance with VDE 0100 section 704



Advantages:
- Extra-large turning handle can be folded away for easy winding of the cable drum
- 1 spray-proof socket CEE 400V/16A, 2 Schuko sockets and 3-pin safety cut-out with overload protection
- Sockets with earthing contact distributed across separated phases
- Cable cross-section 2.5 mm² for high currents and machine capacities
- Snap and park clip for fixing the cable to the drum
- Rotation stop screw on the rear for fixing the drum body
- Can be used in a horizontal or vertical position
- Neoprene rubber cable, resistant to oil and UV radiation
- IP44 splash-proof and protected against foreign bodies





Field of Application:
Extra-robust, approved for outdoor use, on construction sites and in industry.

Advice:
2.5 mm² conductor cross-section for high currents and up to 11 kW/400 V output with unwound drum

entspricht BGI 608

Art. No.	Type description	IP protection class	Cable type	Power-lead length	Version	Protection class	Packaging unit (VPE)
0774 250	Brobusta CEE 400 V/16 A	IP 44	H07RN-F5G2.5 mm²	30.0 m	2 grounding-contact outlets, 1 CEE-socket, 16 A	Protection class II/ protective insulation	1 PCS

Professional construction site cable drum

Product description:
Cable drum made from high-quality, virtually break-proof special plastic in accordance with BGI 608 with insulated ergonomic handle. Additional rotation stop switch on the rear for locking the drum body and turning handle for easy winding of the cable drum. Robust, continuous tubular steel frame for maximum stability and extremely stable due to low centre of gravity.

Advantages:
- Can be used in a horizontal or vertical position
- Neoprene rubber cable, resistant to oil and UV radiation, approved for outdoor use and on construction sites
- Overload protection

Field of Application:
Ideal for use on construction sites

Advice:
DiagS diagnostics system:
Green light on - the cable drum is ready for use.
Red light on - the overload protection switch has tripped. Once the cable drum has cooled down and the safety switch is pressed, the cable drum is ready for use again.
Both lights off - the cable drum is not receiving any current









Art. No.	Type description	IP protection class	Cable type	Power-lead length	Version	Packaging unit (VPE)
0774 20	Professional 230 V	IP 44	H07RN-F3G1.5 mm²	33.0 m	3 grounding-contact sockets	1 PCS

Professional cable drum, CEE 400V/16A

Product description:
Cable drum made from high-quality, virtually break-proof special plastic in accordance with BGI 608 with insulated ergonomic handle. Additional rotation stop switch on the rear for locking the drum body and turning handle for easy winding of the cable drum. Robust, continuous tubular steel frame for maximum stability and extremely stable due to low centre of gravity.

Advantages:
- Can be used in a horizontal or vertical position
- Neoprene rubber cable, resistant to oil and UV radiation, approved for outdoor use and on construction sites
- Overload protection

Field of Application:
Ideal for use on construction sites





Art. No.	Type description	IP protection class	Cable type	Power-lead length	Version	Packaging unit (VPE)
0774 201	Professional CEE 400V/16A	IP 44	H07RN-F5G2.5 mm²	20 m	1 CEE-socket, 16 A, 2 grounding-contact outlets	1 PCS

StarLite plastic cable drum

Product description:
Lightweight, fully insulated plastic cable drum made from high-quality, virtually break-proof special plastic with ergonomic carry handle with snap parking station for holding the cable in place. Rotation stop switch on the rear for locking the drum body.
Extremely stable due to low centre of gravity

Advantages:
- Can be used in a horizontal and vertical position
- VDE-tested 4-way socket with overload protection
- Optimum price/performance ratio

Field of Application:
Only for use in dry environments





Art. No.	Type description	IP protection class	Cable type	Power-lead length	Version	Packaging unit (VPE)
0774 10	StarLite 230V	IP 20	H05VV-F3G1.5 mm²	35.0 m	4 grounding-contact sockets	1 PCS

Mobile socket distributor 230 V

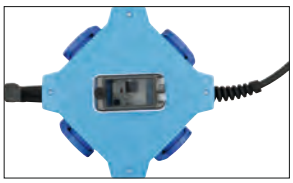
Product description:
Mobile socket distributor made from impact-resistant durable plastic with extra large, ergonomic handle. Very stable and slip-resistant. Designed with personal protection switch (RCD).

Advantages:
- 2.5 mm² conductor cross-section for high currents and machine capacities
- Neoprene rubber cable, resistant to oil and UV radiation
- Connected via Schuko plug
- 8 splash-proof Schuko sockets and personal protection switch (FI switch) 25/0.03 A

Field of Application:
For mobile use in construction site, trade and industry applications.

Advice:
Residual current circuit breakers are recommended especially when current can come into contact with water, e.g. in damp locations, outdoors and when working with wet drills, or when there is a high risk that current conductors can be damaged, for example in workshops, on the site, when sawing, splitting and grinding etc.







Art. No.	Type description	IP protection class	Cable type	Power-lead length	Packaging unit (VPE)
0774 40	Mobile socket distributor Schuko	IP 44	H07RN-F3G2.5 mm²	2.5 m	1 PCS

Mobile socket distributor CEE 400V/16A

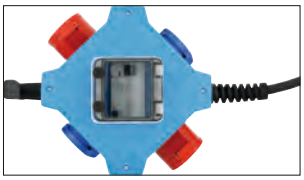
Product description:
Mobile socket distributor made from impact-resistant durable plastic with extra large, ergonomic handle. Very stable and slip-resistant. Designed with personal protection switch (RCD).

Advantages:
- 2.5 mm² conductor cross-section for high currents and machine capacities
- Neoprene rubber cable, resistant to oil and UV radiation
- Connected via CEE plug 400V/16A
- 2 splash-proof sockets CEE 5x16A 400V, 4 Schuko sockets, and personal protection switch (FI switch) 40/0.03 A

Field of Application:
For mobile use in construction site, trade and industry applications.

Advice:
Residual current circuit breakers are recommended especially when current can come into contact with water, e.g. in damp locations, outdoors and when working with wet drills, or when there is a high risk that current conductors can be damaged, for example in workshops, on the site, when sawing, splitting and grinding etc.







Art. No.	Type description	IP protection class	Cable type	Power-lead length	Packaging unit (VPE)
0774 400	Mobile socket distributor CEE	IP 44	H07RN-F5G2.5 mm²	2.5 m	1 PCS

Extension line safety contact

Product description:
Extension line with Schuko safety plug and coupling with cover

Advantages:
- Neoprene/rubber cable, oil and UV resistant, approved for use outdoors and on construction sites
- IP44 protection against spray water and foreign bodies

Field of Application:
Ideal for use in tough conditions on construction sites, in workshops and in industrial applications



Art. No.	Type description	IP protection class	Cable type	Power-lead length	Max. aluminium/ copper wire cross-section cutting capacity	Packaging unit (VPE)
0774 500 010	Schuko 230V	IP 44	H07RN-F	10 m	1.5 mm^2	1 PCS
0774 500 025	Schuko 230V	IP 44	H07RN-F	25 m	1.5 mm^2	1 PCS

Earthing contact rubber plug

Product description:
Schuko plug and coupling for cross-sections up to 3x2.5 mm^2

Advantages:
- Robust rubber design for difficult conditions on site and in industry

Field of Application:
For indoor and outdoor use

Advice:
Installation only by persons with appropriate electrical knowledge and experience!



Art. No.	Type description	IP protection class	Nominal current	Nominal voltage	Packaging unit (VPE)
0774 600 002	Schuko coupling	IP 44	16 A	250	1 PCS
0774 600 001	Schuko plug	IP 44	16 A	250	1 PCS



CEE plugs

Product description:
CEE plug and coupling for cross-sections up to 5x2.5 mm²

Advantages:
- Housing with bayonet mount and screwless strain relief for quick and simple replacement
- Robust design for harsh conditions on construction sites and in industry

Field of Application:
For indoor and outdoor use

Advice:
Installation only by persons with appropriate electrical knowledge and experience!





Art. No.	Type description	IP protection class	Nominal current	Nominal voltage	Packaging unit (VPE)
0774 601 103	CEE coupling 5x16A	IP 44	16 A	400	1 PCS
0774 601 102	CEE phase inverter plug 5x16A	IP 44	16 A	400	1 PCS
0774 601 101	CEE plug 5x16A	IP 44	16 A	400	1 PCS

Maxi-Lumen work lamp

Product description:
3 x 36 W fluorescent tubes, corresponds to 800 W halogen lights
Electronic ballast from PHILIPS for prolonged service life of the illuminant and flicker-free light
2 integrated Schuko sockets
Sealed switch, can therefore also be used as an extension cable when the lighting is switched off
Housing with 6-way adjustable stand

Advantages:
- Energy-saving fluorescent tubes:
  High luminosity, consistent light distribution, low dazzling effect
  Very low power consumption, only 1/6 compared to halogen lamps
  Cold light, thus no risk of burning
  Long service life, not susceptible to shocks
  If one fluorescent tube fails, the second tube continues to illuminate
  Bulb change does not require any tools

- Housing made from impact-resistant plastic, splash water-protected design:
  Suitable for tough conditions indoors and outdoors
  With plastic carrying handle
  Can be set-up in various positions

- Integrated Schuko sockets:
  Can also be employed as a cable extension for using additional devices to max. 2500 W connected load





- Further equipment:
  Rubberised supply cable with shock-proof plug (H07RN-F 3G1.5 mm²),
  remains flexible even when cold
  230 V - 50 Hz, protection class I, protection rating IP 54

Art. No.	Type description	Luminous flux	Power rating	Lampshade length x lampshade width	Packaging unit (VPE)
0981 75	RECA Maxi Lumen	5800 lm	108 W	410 x 350 mm	1 PCS



RECA Maxi Lumen LED

Product description:
The RECA Maxi-Lumen LED combines many advantages of a lamp. Thanks to the 300 high-performance SMD LEDs, it offers a natural light colour and outstanding workstation illumination. The milky protective lens also offers protection from the blinding effect of the bright LEDs. The work lamp excels due to its robustness and durability.

Powerful LED unit with 7,270lm
Pleasant light colour (4000 K)
Impact-resistant to IK 08
Abrasion-resistant cable (PUR) in green signal colour



Advantages:

- Energy-saving LED technology:
  Powerful illumination, uniform light distribution, low glare
  Very low power consumption, optimal colour recognition
  No risk of burning, as very little heat is generated
  Long service life, shock-resistant
  Remaining LED strips continue to illuminate if one fails





- Impact-resistant plastic housing, splash-proof design:
  Suitable for tough conditions indoors and outdoors
  With plastic carrying handle
  Can be set-up in various positions

- Integrated Schuko sockets:
  Can also be employed as a cable extension for using additional devices to max. 2500 W connected load

- Further equipment:
  Rubberised supply cable with shock-proof plug (H07BQ-F 3G1.5mm²),
  remains flexible even when cold
  230 V - 50 Hz, protection class I, degree of protection IP 54

Art. No.	Type description	IP protection class	Luminous flux	Power rating	Lampshade length x lampshade width	Cable type	Cable length	Number of LEDs	Packaging unit (VPE)
0981 75 100	RECA Maxi Lumen LED	IP 54	7270 lm	75 W	410 x 350 mm	H07BQ-F3G1.5 mm²	5.0 m	300	1 PCS



Super-Lumen work lamp

Product description:
2 x 24 W fluorescent tubes, corresponds to 300 W halogen light
2 integrated Schuko sockets
Sealed switch, can therefore also be used as an extension cable when the lighting is switched off



Advantages:

- Energy-saving fluorescent tubes:
  High luminosity, consistent light distribution, low dazzling effect
  Very low power consumption, only 1/6 compared to halogen lamps
  Cold light, thus no risk of burning
  Long service life, not susceptible to shocks
  If one fluorescent tube fails, the second tube continues to illuminate
  Bulb change does not require any tools

- Housing made from impact-resistant plastic, splash water-protected design:
  Suitable for tough conditions indoors and outdoors
  With plastic carrying handle
  Can be set-up in various positions





- Integrated Schuko sockets:
  Can also be employed as a cable extension for using additional devices to max. 2500 W connected load

- Further equipment:
  Rubberised supply cable with shock-proof plug (H07RN-F 3G1.5 mm²),
  remains flexible even when cold
  230 V - 50 Hz, protection class I, protection rating IP 54

Art. No.	Type description	Luminous flux	Power rating	Lampshade length x lampshade width	Cable type	Packaging unit (VPE)
0981 55	RECA Super Lumen	2530 lm	48 W	300 x 240 mm	H07BQ-F3G1.5 mm²	1 PCS



Mini-Lumen LED work lamp

Product description:
The RECA Mini-Lumen LED combines many advantages of a lamp. Thanks to the 90 high-performance SMD LEDs, the Mini-Lumen offers a natural light colour and a beam angle of 120°. The work lamp excels due to its robustness and durability.

Impact-resistant to IK 08
Abrasion-resistant cable (PUR) in green signal colour



Advantages:

- Energy-saving LED technology:
  Powerful illumination, uniform light distribution, low glare
  Very low power consumption, optimal colour recognition
  No risk of burning, as very little heat is generated
  Long service life, shock-resistant
  Remaining LED strips continue to illuminate if one fails



- Impact-resistant plastic housing, splash-proof design:
  Suitable for tough conditions indoors and outdoors
  With plastic carrying handle
  Can be set-up in various positions

- Integrated Schuko sockets:
  Can also be employed as a cable extension for using additional devices to max. 2500 W connected load

- Further equipment:
  Rubberised supply cable with shock-proof plug (H07BQ-F 3G1.5mm²), remains flexible even when cold
  230 V - 50 Hz, protection class I, degree of protection IP 54

Advice:
Made in Germany

Art. No.	Type description	Luminous flux	Power rating	Lampshade length x lampshade width	Number of LEDs	Packaging unit (VPE)
0981 130	RECA Mini-Lumen LED	3800 lm	30 W	305 x 185 mm	90	1 PCS



Tripod

Product description:
Stand for all RECA Lumen work lights with fast click-fix mounting module. Fastening material and assembly instructions included.

Advantages:
- Click-fix mechanism for rapid mounting and unlocking of the lights within seconds
- Articulated joint for step-free adjustment of the light angle
- Folding standing feet for stability and simple transport



Art. No.	Type description	Surface	Length (pushed together)	Length (extended)	Packaging unit (VPE)
0981 255	Tripod for RECA Lumen work lamps	Galvanised	1.55 m	2.55 m	1 PCS











Spare tubes

Product description:
Replacement fluorescent tubes for RECA Lumen work lights



Advantages:
- Quick and easy to replace

Advice:
Installation only by persons with appropriate electrical knowledge and experience!

Art. No.	Type description	Packaging unit (VPE)
0981 51	Fluorescent tubes 24 W	1 PCS
0981 76	Fluorescent tubes 36 W	1 PCS

Battery-powered LED work lamp, 10 W

Product description:
Rechargeable battery-powered LED work lamp with lithium-ion battery and base frame made from injection-moulded aluminium. Equipped with a 10-W high-power LED, the practical, compact work lamp offers significant illuminating power. Power cable (230 V) and in-vehicle charging cable (12 V) included in the scope of delivery. Direction and inclination of the work lamp can be adjusted, with padded carry handle.

Advantages:
- Compact, handy and powerful
- Reduced power requirements
- Battery charge display (red = discharged, green = fully charged)
- Safety glass pane.
- LED service life of up to 50,000 hours

Field of Application:
Suitable for use in indoor and outdoor applications. Ideal for tradesmen or even use in workshops.







Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Power rating	Colour temperature	Colour	Width x height x depth	Packaging unit (VPE)
0981 300 010	Battery-powered LED work lamp, 10 W	IP 65	3 h	800 lm	10 W	5700 K	Green/black	145 x 240 x 160 mm	1 PCS

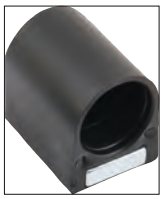
Work lamp, accessories

Product description:
Magnetic feet for simple replacement of the standard feet for mounting the work lamp on metallic substructures.

Advantages:
- Quick and easy installation by simply pulling the plastic feet on and off.

Advice:
Contents: 4 pieces





Art. No.	Type description	Packaging unit (VPE)
0981 300 011	Magnetic feet	1 PCS





RECA battery-powered work lamp R1000

Continuous light day & night – ready to use 24 h

Product description:
Professional construction site light with 10 watt COB LED and Color Match – true-colour light
Robust and splash water-resistant aluminium housing with rubberised edging
180° rotating stand for flexible light direction, main light with three brightness settings (20% / 45% / 100% light output)
Non-removable Li-ion battery pack (11.1 V / 2200 mAh)
Can be charged using AC power pack included (100 V-240 V)
Remaining capacity and charge status indicators using three green LEDs

Lighting duration:
approx. 9 h at (20%)
approx. 5 h 30 min at (45%)
approx. 2 h 30 min at (100%)



Advantages:
- Charging and illumination possible at the same time
- Robust housing
- Small, light and practical for any tradesman
- True-colour light
- Light adaptable to every working situation using stepped control





Field of Application:
For indoor and outdoor use

Advice:
Switch function:

1. Low - 20%
2. Middle - 45%
3. High - 100%
4. Off



Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Rechargeable battery/ battery capacity	Power rating	Colour	Width x height x depth	Packaging unit (VPE)
0981 300 020	RECA battery-powered work lamp R1000	IP 65	9 h	1000 lm	2200 mAh	10 W	Green/black	209 x 190 x 73 mm	1 PCS





Workshop lamp R350

Product description:
Handy work lamp with the latest LED technology, flexible use due to folding handle, strong holding magnets and rotating fixing hook. Also features charge status and remaining capacity display.

Field of Application:
For optimum illumination in the workshop, for repairs or other work, the robust and splash-proof plastic housing with rubber-coated surface offers great benefits.

Advice:
Charge status display:
Fully charged = All LEDs green
Charging = Display LEDs flash in green
(the number of flashing LEDs indicate the level of charge)

Remaining capacity display:



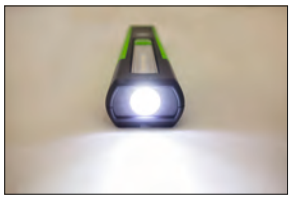
The number of display LEDs lit indicates the remaining battery capacity
(when there is low remaining capacity, one LED flashes green)

Switch function:
1 - Additional head LED
2 - Full power main LED
3 - 50% power main LED
4 - Off









Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Colour	Packaging unit (VPE)
0981 200 350	Workshop lamp R350	IP 54	3 h	385 lm	Black/green	1 PCS





Workshop lamp R200

Product description:
Small compact powerful battery-operated workshop lamp in robust housing.
- Rotates through 340 degrees
- Belt clip
- Removable hooks
- Powerful magnet

Advantages:
- Compact, robust and practical

Field of Application:
Ideal for tradesmen for illuminating small spaces

Advice:
Charge status display:
Fully loaded: LED display illuminates green
Charge: LED display illuminates red

Switch function:
1. Main LED at 100%
2. Main LED at 50%
3. Off







Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Colour	Packaging unit (VPE)
0981 200 200	Workshop lamp R200	IP X4	4.5 h	215 lm	Black/green	1 PCS







RECA workshop light R120

The compact mini light

Product description:
Rechargeable inspection lamp for professional use in workshops, trade and industry
Bright and soft illumination in the working area though use of state-of-the-art SMD-LED technology combined with attachment lens optics; auxiliary light on the lamp head for precise point light.
Permanently installed lithium-ion battery, 3.7 V 750 mAh (2.775 Wh) — ensures a constant level of brightness and long burn times
Super-quick charging time of around 3 hours; device can be charged via USB cable.
Robust retaining clip on the back of the light with integrated magnets for securing on metal objects







Advantages:
- Small, compact lamp
- Super-quick charging time
- Rubberised gripping surface
- Main light and inspection light
- Clip and magnet

Field of Application:
For lighting up small and narrow spaces and for use when performing inspection work

Advice:
230-V mains power supply adapter not included! Vehicle and mains power supply adapter available as an accessory.

Switch function:
1. Main light
2. Auxiliary light
3. Off

Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Power rating	Colour	Packaging unit (VPE)
0981 200 120	RECA workshop light R120	IP 20	3.5 h	120 lm	4.5 W	Black/green	1 PCS





Workshop lamp, accessories



Art. No.	Type description	Min./max. nominal voltage	Packaging unit (VPE)
0981 200 201	Car charger	12 / 24 V/AC	1 PCS
0981 200 202	Mains adapter	100 / 240 V/AC	1 PCS

Tube lamp

Product description:
All-round tube lamp with 2-component technology for safe operation and good stability of the lights. Optimum light dispersion and high-frequency technology for high light efficiency and reduced power consumption. Good cold start characteristics down to -20°C.



Advantages:
- Rotatable suspension hooks
- Roll-proof
- Insulated and splash-proof

Art. No.	Type description	IP protection class	Power rating	Cable type	Power-lead length	Packaging unit (VPE)
0981 68	Tube lamp	IP 20	8 W	H05RN-F2x0.75 mm²	5.0 m	1 PCS



RECA head lamp R150

Product description:
Extremely light and comfortable head lamp ideal for every manual worker; both hands are free and the light shines just where you want it. The reflecting head band increases the visibility and the safety of the wearer. The very bright LED and the 70° adjustable lamp head guarantees optimum illumination at the work place. The head lamp has a two-mode function with full luminosity and ECO mode to save power.



Advantages:
- reflecting head band
- ultra light
- two light modes
- adjustable lamp head angle
- particularly homogeneous illumination



Field of Application:
For tradesmen needing to keep both hands free at the same time and close-range illumination.

Advice:
Includes 3x AAA batteries.

Art. No.	Type description	IP protection class	Luminous flux	Lighting range	Luminous period	Number of LEDs	Rechargeable battery/ battery designation	Number of rechargeable batteries/ batteries	Packaging unit (VPE)
0981 102 004	Head lamp R150	IP 54	160 lm	50 m	6.5 h	1	1.5 V Micro AAA	3	1 PCS







RECA head lamp R160 S

Both hands free for work

Product description:
Super light head lamp with good wear comfort and 5 W LED and 2x additional red LEDs.
Four switch functions for individual usage options.
Very simple gesture control without contact via sensor.
Bright and soft illumination in the working area.
Robust material and good workmanship.

Advantages:
- New sensor technology with gesture control
- Practical inclination angle adjustment
- Very low weight

Advice:
Switch function:
1. 100%
2. 30%
3. Red light
4. Red flash light
5. Off

Sensor function:
1. Activate
2. Wipe – On/Off





Art. No.	Type description	IP protection class	Luminous flux	Lighting range	Luminous period	Rechargeable battery/ battery designation	Number of rechargeable batteries/ batteries	Included in delivery (Lieferumfang)	Packaging unit (VPE)
0981 102 006	Head lamp R160 S	IP 54	160	50 m	8 h	1.5 V Micro AAA	3	incl. 3x AAA alkaline batteries	1 PCS









RECA torch

Handy, bright and robust

Advantages:
- Durable aluminium housing
- Precision lens and pre-focussed point source for high light efficiency
- Very good grip surface, ideal for single-handed operation, even with gloves

Advice:
Supplied with batteries and wrist strap







Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Lighting range	Rechargeable battery/ battery designation	Number of rechargeable batteries/batteries	Material of the housing	Length		Packaging unit (VPE)
0981 102 001	R1 torch	IP 54	5 h	90 lm	110 m	1.5 V Mignon AA	1	Aluminium	105 mm	24 mm	1 PCS
0981 102 002	R2F torch	IP 54	3 h	200 lm	150 m	1.5 V Micro AAA	3	Aluminium	136 mm	32 mm	1 PCS

RECA R20 penlight

Handy, powerful and highly robust

Product description:
The R20 professional penlight is impressive with an extremely bright white NICHIA quality LED. The light output is almost breathtaking. Even the tiniest thing can be illuminated in great detail. The lens technology installed enables this precisely accurate.

Advantages:
- Durable aluminium housing
- LED with extremely long service life
- Precision lens for high light efficiency
- Very good grip surface, ideal for single-handed operation, even with gloves
- Protection against rolling away thanks to belt clip

Advice:
Supplied with batteries and wrist strap





Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Lighting range	Rechargeable battery/ battery designation	Number of rechargeable batteries/batteries	Material of the housing	Length		Packaging unit (VPE)
0981 102 003	R20 penlight	IP 54	12 h	20 lm	35 m	1.5 V Micro AAA	2	Aluminium	142 mm	15 mm	1 PCS

RECA R3 Multi pocket torch

Product description:
The innovative R3 Multi multifunctional light from RECA is three lights in one — a pocket torch with focus function, work lamp and flashing signal light. These properties make it ideal as a universal aid for use when on the go. Equipped with state-of-the-art LED technology from TOSHIBA and high-quality 0.5-W SMD LEDs in the work lamp and signal light unit, the light is both extremely bright and energy efficient. The R3 Multi achieves a brightness of up to 180 lumen over a burn time of approx. 4.5 hours and a light range of up to 130 metres. The work lamp and signal light offers a beam of 100 lumen and a burn time of over 11 hours.



Advantages:
- Three lights in one
- Infinitely adjustable focussing
- Belt clip and magnet
- Extremely robust and resistant





Art. No.	Type description	IP protection class	Luminous period	Luminous flux	Lighting range	Rechargeable battery/ battery designation	Number of rechargeable batteries/batteries	Material of the housing	Length		Packaging unit (VPE)
0981 102 005	R3 Multi pocket torch	IP 54	4.5 h	180 lm	130 m	1.5 V Micro AAA	3	Aluminium	125 mm	33 mm	1 PCS







X-Power alkaline batteries

Product description:
X-POWER alkaline batteries are the ideal energy source for demanding applications with a high energy requirement. The outstanding characteristics of X-Power batteries are their outstanding reliability and long service life.



Advantages:
- First-class cell quality
- High power for demanding devices
- Extremely high overall capacity
- Excellent resistance to leakage
- Safe and reliable power source
- Very durable

Field of Application:
Ideal for devices with high energy consumption, such as flash units and digital cameras, toys, audio devices and electronic games.

Advice:
Cannot be charged, do not short circuit or invert polarity, generally remove dead batteries.

Art. No.	Rechargeable battery/battery designation	Nominal voltage	Package size	Packaging unit (VPE)
0981 000 005	9 V block; 6LR61; 6AM6	9 V/AC	10	1 PCS
0981 000 003	Baby C; LR14; AM2	1.5 V/AC	20	2 PCS
0981 000 001	Micro AAA; LR03; AM4	1.5 V/AC	40	4 PCS
0981 000 002	Mignon AA; LR6; AM3	1.5 V/AC	80	4 PCS
0981 000 004	Mono D; LR20; AM1	1.5 V/AC	20	2 PCS

max e NiMH rechargeable battery

Advantages:
MaxE batteries combine the benefits of rechargeable batteries with those of alkaline batteries:
- PRECHARGED rechargeable batteries
- Unpack, insert, use
- Extremely low self-discharge, last for over 1 year after each charge
- High power output
- Rechargeable up to 1000 times
- No special chargers required
- Ideal for all devices and applications



Advice:
Rechargeable batteries must never be short-circuited, deep discharged, destroyed or severely heated; recharge discharged batteries as soon as possible; never store or charge in full sunshine or near to heat sources

Art. No.	Rechargeable battery/battery designation	Nominal voltage	Rechargeable battery/battery capacity	Package size	Packaging unit (VPE)
0981 001 005	9 V block; PP3; F22	8.4 V/AC	300 mAh	10	1 PCS
0981 001 003	Baby C; R14; UM2	1.2 V/AC	4500 mAh	12	2 PCS
0981 001 001	Micro AAA; R03; UM4	1.2 V/AC	800 mAh	48	4 PCS
0981 001 002	Mignon AA; R6; UM3	1.2 V/AC	2500 mAh	48	4 PCS
0981 001 004	Mono D; R20; UM1	1.2 V/AC	8500 mAh	10	2 PCS

Energie 8 plus battery charging and care station

Table top charger for up to 8 batteries

Product description:
Charging and care station for 1-6 micro AAA / Mignon AA, 1-4 Baby C / Mono D and 1-2 9V E-Block batteries, refresh and pre-charging process



Advantages:
- Quick capacity check of the battery: Coloured control lamps indicate remaining capacity and display whether the battery charge is below 25%, below 80% or still above 80%
- Auto-diagnosis with automatic battery refresh function, pre-damaged batteries are regenerated
- Quick charging
- Individual slot monitoring
- Microcontroller-monitored charge control, reverse polarity protection
- 5x overload protection and defective battery detection and alkaline detection
- Fully-automatic control guarantees simple operation
- Clear display of the program mode for each charging slot
- Switch-mode power supply for worldwide use

Field of Application:
For NiCd and NiMH batteries

Art. No.	Type description	Packaging unit (VPE)
0981 003 000	Energy 8 plus	1 PCS

Plastic oiler

Product description:
Made from plastic without pump.
With adjustable brass spray pipe and adjusting nut for the pipe guide.
Sealed by pipe closure on the pipe tip.



Art. No.	Contents	Packaging unit (VPE)
0695 500 271	250 ml	1 PCS

Plastic oiler with pump

Product description:
Made from plastic with brass pressure pump.
Handy seamless container, unbreakable.
Grained surface for a more secure hold.
Contents visible.
Drop discharge by slightly raising the lever.



Art. No.	Contents	Packaging unit (VPE)
0695 500 276	300 ml	1 PCS

Die-cast zinc oiler

Product description:
Made from high-pressure die-cast zinc with twin pump.
Produced in one piece.
Completely smooth inner wall.
Consistent wall thickness.
Drop discharge by slightly raising the lever.



Art. No.	Contents	Packaging unit (VPE)
0695 500 281	300 ml	1 PCS

Oil binder

Product description:
Oil binder granulate from 100 PUR recyclate

Advantages:
Approved for roads and other traffic areas,
only absorbs oil and leaves water, thus no excessive disposal costs arise

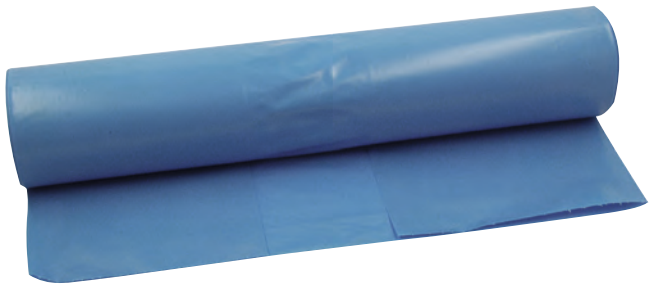


Art. No.	Type description	Packaging unit (VPE)
0893 10	Oil binder, sack containing 10 litres	1 PCS

Rubbish bags

Product description:
6 rolls of 15 rubbish bags made from LPDE with dimensions of 700 x 1100 mm.
Capacity: 120 litres
Pre-perforated tear-off

Advantages:
- 74 my strong, thus very tear-resistant



Art. No.	Type description	Packaging unit (VPE)
0892 320 15	120-litre refuse bag	6 PCS

Dust protection door

Product description:
The RECA „Anti-Dust" dust protection door is made from dustproof non-woven polypropylene (dimensions: 1.10 m x 2.20 m)

Advantages:
- The door is reusable.
- The non-woven material is permeable, ensuring there is a flow of fresh air.
- Incl. double-sided adhesive tape (38 mm x 7 m)
- with zip

Field of Application:
Effectively protects adjacent rooms from construction dust and unwanted attention.

Advice:
Note: The adhesive tape used must not be exposed to direct sunlight once



applied. Surfaces must be dry and free from dust and grease. For problematic surfaces, we recommend carrying out a test application. Do not apply on granite and marble. Shelf life from production: 24 months

Art. No.	Type description	Packaging unit (VPE)
0892 400 001	RECA „Anti-Dust" dust protection door	1 PCS

Cleaning paper roll

Product description:
Rolls of cleaning paper in various sizes



Art. No.	Type description	Sheet length x sheet width	Number of sheets	Barrel length	Packaging unit (VPE)
0892 038 190	Blue, three-ply paper roll	38 x 38 cm	500	190 m	2 PCS
0892 022 190	Blue, two-ply paper roll	38 x 22 cm	500	190 m	2 PCS
0892 038 380	Blue, two-ply paper roll	38 x 38 cm	1000	380 m	2 PCS
0892 019 135	White, two-ply paper roll	30 x 19 cm	450	135 m	6 PCS

Wall bracket

Product description:
Roll holder for paper rolls



Art. No.	Type description	Packaging unit (VPE)
0892 310 000	Floor stand for paper rolls	1 PCS
0892 310 001	Wall holder for paper rolls	1 PCS

Cleaning cloth

Product description:
White, folded cleaning paper, packed in 9 film dispenser packs with 46 cloths each; hence entire carton contains 414 cloths

Advantages:
- Extremely soft, good absorption of liquids, good tear strength even when wet, reusable after wringing-out



Art. No.	Type description	Packaging unit (VPE)
0892 046 009	Cleaning wipe, 414 pcs.	1 PCS

Clean cleaning wipes

Product description:
72 moist cleaning cloths with pleasant citrus aroma for cleaning hands and surfaces

Advantages:
- RECA Clean cleaning wipes are non-woven cleaning cloths for hands and surfaces, impregnated with a skin-friendly cleaning solution and with the following properties:
- Resistant to wiping
- Resistant to solvents
- Lint-free
- Washable and reusable
- Tear-proof
- Silicone-free
- Pleasant orange fragrance



Field of Application:
wherever heavy soiling from hands, tools and machinery is unavoidable and no running water is available

Advice:
Bucket with 72 cloths, approx. 25 x 25 cm

Art. No.	Type description	Package size	Packaging unit (VPE)
0892 300 03	RECA Clean cleaning wipes	6	1 PCS

INOX TOP stainless steel cleaning cloths

Product description:
Cloths soaked in gentle cleansing milk for cleaning stainless steel surfaces; especially for surfaces on which stainless steel sprays are unsuitable

Field of Application:
Railings, surfaces and objects made of stainless steel

Advice:
30 cloths



Art. No.	Type description	Package size	Packaging unit (VPE)
0895 111 30	Inox Top stainless steel cleaning cloths	6	1 PCS

Hand cleaner

Product description:
RECA hand cleaner is a mild hand cleaner with a pleasant fragrance.
Use of raw materials that are kind of the skin and mildly abrasive make it possible to use RECA hand cleaner frequently without any negative effects on the skin.
A gentle, active foam develops when using the hand cleaner, leaving behind a pleasant feeling on the skin.
RECA hand cleaner is pH neutral and free of solvents

Advantages:
pH neutral
For wall-hanging system 0892 200 051 (individual suspension) or 0892 200 04 (three-piece)

Field of Application:
RECA hand cleaner has been specially developed to thoroughly remove oil, grease, bitumen, ink and other stubborn stains that can occur in workshops and industrial environments.

Advice:
Unlike other hand cleaners, RECA hand cleaner can be applied to both wet and dry hands.
Rub a small amount onto your hand without any water, then add a small amount of water and rub together. A creamy foam will develop.
Then rinse your hands thoroughly and dry them.

Pump dispenser not included.



Art. No.	Type description	Packaging unit (VPE)
0892 200 020	Hand cleaner, 4 kg	1 PCS



Hand cleaner

Product description:
RECA hand cleaner is a mild hand cleaner with a pleasant fragrance.
Use of raw materials that are kind of the skin and mildly abrasive make it possible to use RECA hand cleaner frequently without any negative effects on the skin.
A gentle, active foam develops when using the hand cleaner, leaving behind a pleasant feeling on the skin.
RECA hand cleaner is pH neutral and free of solvents

Field of Application:
RECA hand cleaner has been specially developed to thoroughly remove oil, grease, bitumen, ink and other stubborn stains that can occur in workshops and industrial environments.

Advice:
Unlike other hand cleaners, RECA hand cleaner can be applied to both wet and dry hands.
Rub a small amount onto your hand without any water, then add a small amount of water and rub together. A creamy foam will develop.
Then rinse your hands thoroughly and dry them.



Art. No.	Type description	Packaging unit (VPE)
0892 200 021	Hand cleaner, refill pack, 3 kg	1 PCS

Hand cleaning paste

Product description:
Optimum cleaning power, clinically tested. Suitable for sensitive skin, alkali-free.

Advantages:
Long-lasting
– Just 2 g is enough for one hand wash. No sand – does not block lines. Ideal for long-term use, does not contain formaldehyde.

Advice:
- Highly effective hand cleaning paste that does not contain any sand
- To be used sparingly
- Containing natural abrasives that are gentle on the skin
- Free from solvents, silicone and soap



Art. No.	Type description	Package size	Packaging unit (VPE)
0892 100	Hand wash paste tub, 1 litre	16	1 PCS
0892 101	Hand wash paste tub, 10 litres		1 PCS

dermapro protective skin lotion

Product description:
Silicone-free, gentle hand cream in a 100 ml tube

Advantages:
- Protects and cares for skin before and after work
- Moisturises the skin and prevents dryness and cracking
- Rapidly absorbed

Field of Application:
Carefully apply the cream to your hands before starting work and after washing and drying your hands

Advice:
Ingredients (INCI): Aqua, Paraffinum Liquidum, Caprylic/Capric Triglyceride, Cetearyl Alcohol, Propylene Glycol, Trilaureth-4 Phosphate, Benzyl Alcohol, 2-Bromo-2-Nitropropane-1,3-Diol, Iodopropynyl Butylcarbamate, Parfum, Bisabolol, Cinnamic Alcohol



Art. No.	Type description	Packaging unit (VPE)
0892 103	dermapro hand cream, 100 ml	1 PCS

Hand guard

Product description:
Water-resistant hand protection cream to protect against and prevent contact eczema and skin irritation when handling and coming into contact with cleaning agents, acids, caustics, greases, glues and adhesives etc.
Water-resistant hand protection cream does not contain any silicone.

Advantages:
Silicone-free
pH value: 6–6.5

Field of Application:
The water-resistant protective hand cream was developed to avoid direct skin content with the products listed above.
Water-resistant hand protection products also offer protection against conventional skin contaminants.

Advice:
Apply a hazelnut-sized amount of the water-resistant hand protection cream to clean hands and rub in thoroughly. Pay particular attention to your fingernails and nail beds when doing so. Once the cream has been left to dry for a brief period, an invisible, neutral protective film forms that repels dirt. It is possible for a light white film to form after the cream has dried if too much product has been applied.

Once you have finished working, the protective film can be washed off together with any dirt using soap and water, or even better using a powerful hand cleaner.



Art. No.	Type description	Packaging unit (VPE)
0892 200 01	Hand protection, 1 kg can	1 PCS

Skin care

Product description:
RECA skin cream can be used to protect and care for the skin after work, as well as at intermediate intervals. RECA skin cream supports the body's process for forming a natural skin-protecting film, regenerates and moistures the skin as well as protecting it against drying out and cracking

Advantages:
- RECA skin cream does not contain any silicone

Field of Application:
RECA skin cream is designed to protect and rejuvenate hands but can also be used on other parts of the body, such as the face, arms and legs.

Advice:
Rub a small amount of RECA skin cream into clean hands and then massage in the cream.



Art. No.	Type description	Package size	Packaging unit (VPE)
0892 200 03	Skin cream, 1 kg	12	1 PCS

Wall bracket

Product description:
1-piece wall holder for 1 kg cans



Art. No.	Packaging unit (VPE)
0892 200 05	1 PCS

Wall bracket

Product description:
1-piece wall holder for 4 kg drum



Art. No.	Packaging unit (VPE)
0892 200 051	1 PCS

Wall bracket

Product description:
3-piece wall holder for hand cleaning system



Art. No.	Packaging unit (VPE)
0892 200 04	1 PCS

Dispenser

Product description:
Dispenser for RECA hand wash paste (art. 0892 100 and 0892 101)



Art. No.	Packaging unit (VPE)
0892 000	1 PCS

Dispenser

Product description:
Dispenser for 4 kg hand cleaner (art. 0892 200 020)



Art. No.	Packaging unit (VPE)
0892 200 060	1 PCS

Dispenser

Product description:
Dispenser for 1 kg hand cleaning products (art. 0892 200 01 and 0892 200 03)



Art. No.	Packaging unit (VPE)
0892 200 07	1 PCS

Number sets DIN 1451

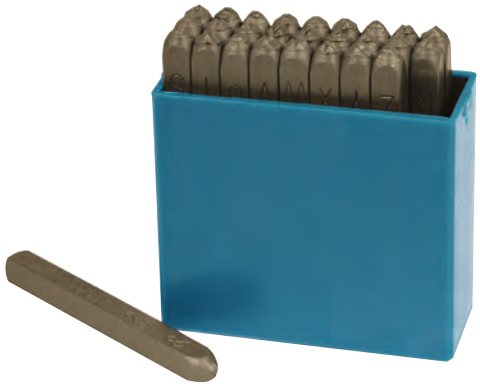
Product description:
For tools with a rigidity of 600-800 N/mm^2.
Engraving hardness 58–60 HRC.
The numbers 0–9 are included in each set.
With shank marking.
Machine-engraved.
Packed in a plastic box.



Art. No.	Character height	Packaging unit (VPE)
0695 436 803	3.0 mm	1 PCS
0695 436 805	5.0 mm	1 PCS
0695 436 806	6.0 mm	1 PCS
0695 436 808	8.0 mm	1 PCS
0695 436 810	10.0 mm	1 PCS
0695 436 812	12.0 mm	1 PCS

Letter sets DIN 1451

Product description:
For tools with a rigidity of 600-800 N/mm^2.
Engraving hardness 58–60 HRC.
The letters A–Z are included in each set.
With shank marking.
Machine-engraved.
Packed in a plastic box.



Art. No.	Character height	Packaging unit (VPE)
0695 436 835	5.0 mm	1 PCS
0695 436 836	6.0 mm	1 PCS
0695 436 838	8.0 mm	1 PCS

Round brush with high-quality all-in-one plastic bristle

Product description:
Innovative „all-in-one" bristle with significantly longer service life. Greater absorption of paint and homogeneous distribution of paint. Handle made from high-quality FSC-certified wood.



Advantages:
- One brush for all paints
- No swelling in aqueous paints
- Greater absorption of paint due to additional capillaries (mixture of conical and cylindrical bristles)
- Homogeneous distribution of paint thanks to more spreading fibres in the tip
- No breakage of brush or loss of bristle
- Handle made from high-quality FSC-certified birch
- Easier to wash out
- High-quality plastic mount with nickel ring

Field of Application:
Especially suitable for painting and lacquering work on smaller surfaces

Advice:
Significantly longer service life compared to natural bristle due to increased abrasion resistance of plastic bristle

Art. No.	Material of the bristles	Material of the grip handle	Diameter	Size	Suitable for paint type	Packaging unit (VPE)
0693 100 120	Artificial fibre bristle	Birch	20 mm	2	Acrylic lacquer, Dispersion paint, Wood preservative, Synthetic resin lacquer, Glaze, Solvent-based lacquer and paints, Water-based paint	6 PCS

Art. No.	Material of the bristles	Material of the grip handle	Diameter	Size	Suitable for paint type	Packaging unit (VPE)
0693 100 125	Artificial fibre bristle	Birch	25 mm	4	Acrylic lacquer, Dispersion paint, Wood preservative, Synthetic resin lacquer, Glaze, Solvent-based lacquer and paints, Water-based paint	6 PCS
0693 100 130	Artificial fibre bristle	Birch	30 mm	6	Acrylic lacquer, Dispersion paint, Wood preservative, Synthetic resin lacquer, Glaze, Solvent-based lacquer and paints, Water-based paint	6 PCS

Round brush with synthetic bright bristle

Product description:
High-quality synthetic bristle mix with good absorption and distribution of paint



Advantages:
- Good absorption and distribution of paint

Field of Application:
Especially suitable for painting and lacquering work on smaller surfaces

Advice:
Plastic mount

Art. No.	Material of the bristles	Material of the grip handle	Diameter	Size	Suitable for paint type	Packaging unit (VPE)
0693 100 020	China bristles	Wood	20 mm	2	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 025	China bristles	Wood	25 mm	4	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 030	China bristles	Wood	30 mm	6	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 035	China bristles	Wood	35 mm	8	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 040	China bristles	Wood	40 mm	10	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 045	China bristles	Wood	45 mm	12	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 050	China bristles	Wood	50 mm	14	Water-based paint, Synthetic resin lacquer	6 PCS
0693 100 055	China bristles	Wood	55 mm	16	Water-based paint, Synthetic resin lacquer	6 PCS

Paint brush with high-quality all-in-one plastic bristle

Product description:
Innovative „all-in-one" bristle with significantly longer service life. Greater absorption of paint and homogeneous distribution of paint. Handle made from high-quality FSC-certified wood. „



Advantages:
- One brush for all paints

- No swelling in aqueous paints
- Greater absorption of paint due to additional capillaries (mixture of conical and cylindrical bristles)
- Homogeneous distribution of paint thanks to more spreading fibres in the tip
- No breakage of brush or loss of bristle
- Handle made from high-quality FSC-certified birch
- Easier to wash out
- Stainless steel mount

Field of Application:
Suitable for simple painting and lacquering work of all types

Advice:
Significantly longer service life compared to natural bristle due to increased abrasion resistance of plastic bristle

Art. No.	Material of the bristles	Material of the grip handle	Width	Suitable for paint type	Packaging unit (VPE)
0693 200 140	Artificial fibre bristle	Birch	40 mm	Acrylic lacquer, Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint	6 PCS
0693 200 150	Artificial fibre bristle	Birch	50 mm	Acrylic lacquer, Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint	6 PCS
0693 200 160	Artificial fibre bristle	Birch	60 mm	Acrylic lacquer, Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint	6 PCS

Paint brush with synthetic bright bristle

Product description:
High-quality synthetic bristle mix with good absorption and distribution of paint



Advantages:
- Good absorption and distribution of paint

Field of Application:
Suitable for simple painting and lacquering work of all types

Advice:
Tin ferrule

Art. No.	Material of the bristles	Material of the grip handle	Width	Suitable for paint type	Packaging unit (VPE)
0693 200 025	China bristles	Wood	25 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 200 035	China bristles	Wood	35 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 200 050	China bristles	Wood	50 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 200 060	China bristles	Wood	60 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 200 070	China bristles	Wood	70 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 200 100	China bristles	Wood	100 mm	Water-based paint, Synthetic resin lacquer	6 PCS

Radiator paint brush with high-quality all-in-one plastic bristle



Product description:
Innovative „all-in-one" bristle with significantly longer service life. Greater absorption of paint and homogeneous distribution of paint. Handle made from high-quality FSC-certified wood. „

Advantages:
- One brush for all paints
- No swelling in aqueous paints
- Greater absorption of paint due to additional capillaries (mixture of conical and cylindrical bristles)
- Homogeneous distribution of paint thanks to more spreading fibres in the tip
- No breakage of brush or loss of bristle
- Handle made from high-quality FSC-certified birch
- Easier to wash out
- Stainless steel ferrule

Field of Application:
Suitable for hard-to-reach places, e.g. behind radiators, in corners, recesses and walls

Advice:
Significantly longer service life compared to natural bristle due to increased abrasion resistance of plastic bristle

Art. No.	Material of the bristles	Material of the grip handle	Width	Suitable for paint type	Packaging unit (VPE)
0693 300 150	Artificial fibre bristle	Birch	50 mm	Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint, Acrylic lacquer	6 PCS
0693 300 170	Artificial fibre bristle	Birch	70 mm	Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint, Acrylic lacquer	6 PCS

Radiator paint brush with synthetic bright bristle



Product description:
High-quality synthetic bristle mix with good absorption and distribution of paint

Advantages:
- Good absorption and distribution of paint

Field of Application:
Suitable for hard-to-reach places, e.g. behind radiators, in corners, recesses and walls

Advice:
Angled tin ferrule

Art. No.	Material of the bristles	Material of the grip handle	Width	Suitable for paint type	Packaging unit (VPE)
0693 300 025	China bristles	Wood	25 mm	Water-based paint, Synthetic resin lacquer	6 PCS

Art. No.	Material of the bristles	Material of the grip handle	Width	Suitable for paint type	Packaging unit (VPE)
0693 300 035	China bristles	Wood	35 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 300 050	China bristles	Wood	50 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 300 060	China bristles	Wood	60 mm	Water-based paint, Synthetic resin lacquer	6 PCS
0693 300 070	China bristles	Wood	70 mm	Water-based paint, Synthetic resin lacquer	6 PCS

Repair brush, fine hair mix

Product description:
High-quality fine hair mix in cat's tongue shape



Advantages:
- Painted handle

Field of Application:
Suitable for precise touching up of minor paint damage or similar tasks

Advice:
For all paints and varnishes

Art. No.	Material of the bristles	Material of the grip handle	Suitable for paint type	Packaging unit (VPE)
0693 400 008	Natural fine hair mixture	Wood	Water-based paint, Solvent-based lacquer and paints, Synthetic resin lacquer, Dispersion paint, Acrylic lacquer	12 PCS
0693 400 010	Natural fine hair mixture	Wood	Water-based paint, Solvent-based lacquer and paints, Synthetic resin lacquer, Dispersion paint, Acrylic lacquer	12 PCS

Soldering fluid brush

Product description:
Brush for processing soldering flux, welding paste, drilling oils...



Art. No.	Packaging unit (VPE)
0693 401 001	10 PCS

Moltopren paint roller

Product description:
Super-fine foam roller for small areas

Advantages:
- Lint-free

Field of Application:
For all water-based paints and synthetic resins with low solvent content

Advice:
For roller handle 0693 600 050



Art. No.	Material	Roller width	Roller diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 500 050	Foam material	50 mm	35 mm	15 mm	Water-based paint, Synthetic resin lacquer	10 PCS

Roller handle 50 mm wide

Product description:
Radiator roller handle in 6 mm round steel version, galvanised

Field of Application:
For 50 mm Moltopren paint rollers, art. no. 0693 500 050



Art. No.	Material	Width	Length	Packaging unit (VPE)
0693 600 050	Steel / plastic	5 cm	20 cm	1 PCS

Perlon paint roller

Product description:
Replacement roller for all surface types to be painted with wall (dispersion) paints

Field of Application:
For working with dispersion paints; to be used with roller handle 0693 600 100 (long version) and 0693 100 101 (short version)

Advice:
Wash out the roller before using for the first time



Art. No.	Material	Roller width	Electrical-pole diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 500 100	Polyamide/polyester	100 mm	11 mm	15 mm	Dispersion paint	10 PCS

Moltopren paint roller

Product description:
Super-fine foam roller, rounded on both sides

Advantages:
- Lint-free

Field of Application:
For water-based paints and synthetic resins with low solvent content

Advice:
Can be used with roller handle 0693 600 100 (long version) and 0693 600 101 (short version)



Art. No.	Material	Roller width	Roller diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 501 100	Foam material	100 mm	35 mm	15 mm	Water-based paint, Synthetic resin lacquer	10 PCS

All-in-one paint roller

Product description:
High-quality paint roller in hard shell box

Advantages:
- Lint-free
- Only one work step is necessary

Field of Application:
Suitable for nearly all paint types

Advice:
Can be used with roller handle 0693 600 100 (long version) and 0693 100 101 (short version)



Art. No.	Material	Roller width	Electrical-pole diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 501 110	Textile	100 mm	5 mm	15 mm	Water-based paint, Solvent-based lacquer and paints, Glaze, Synthetic resin lacquer, Wood preservative, Dispersion paint, Acrylic lacquer	10 PCS

Roller handle 100 mm wide

Product description:
Roller handle in 6 mm round steel version

Advantages:
- Short version = better power transmission. Important when using the all-in-one rollers with art. no. 0693 501 110
- Long version allows good accessibility to hard-to-reach places, e.g. behind radiators, on ceilings or in recesses



Field of Application:
For rollers with 10 cm width, art. no. 0693 500 100, 0693 501 100 and 0693 501 110

Art. No.	Material	Width	Length	Packaging unit (VPE)
0693 600 101	Steel / plastic	10 cm	27 cm	1 PCS
0693 600 100	Steel / plastic	10 cm	39 cm	1 PCS

Replacement paint roller

Product description:
Replacement roller for dispersion paints

Advantages:
- Excellent absorption and application of paint

Application area:
Primarily for indoor use

Field of Application:
Also for textured surfaces; use with roller handle 0693 600 250

Advice:
Wash out the roller before using for the first time

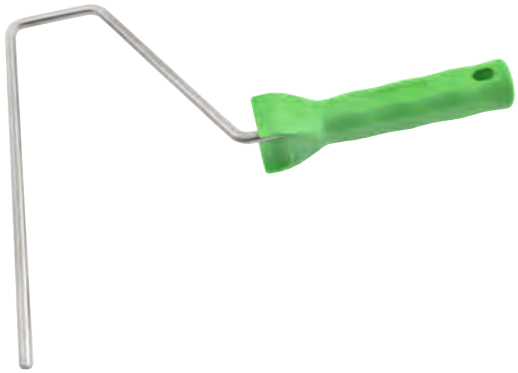


Art. No.	Material	Roller width	Electrical-pole diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 502 250	Polyester / acrylic fibre	250 mm	18 mm	56 mm	Dispersion paint	1 PCS

Roller handle 250 mm wide

Product description:
Roller handle in 8 mm round steel version, galvanised, long version

Field of Application:
For rollers with 25 cm and 27 cm width, art. no. 0693 502 250 and 0693 502 270



Art. No.	Width	Length	Packaging unit (VPE)
0693 600 250	25 cm	32 cm	1 PCS

Replacement façade roller

Product description:
Replacement roller for dispersion paints

Advantages:
- With 10 mm soft foam padding
- Creates rolling corners
- Excellent absorption and application of paint

Application area:
Primarily for use on façades

Field of Application:
Also for highly textured surfaces; to be used with roller handle 0693 600 250

Advice:
Wash out the roller before using for the first time



Art. No.	Material	Roller width	Electrical-pole diameter	Core diameter	Suitable for paint type	Packaging unit (VPE)
0693 502 270	Polyester / acrylic fibre	270 mm	18 mm	53 mm	Dispersion paint	1 PCS

Indoor cover film

Product description:
Fold-out cover film with flat crepe tape, suitable for indoor masking tasks

Advantages:
- Easier processing possible with dispenser, art. no. 0693 702 000

Field of Application:
For covering larger indoor areas

Advice:
Maximum duration of use 2 days



Art. No.	Height (opened out)	Material	Length	Thickness	Packaging unit (VPE)
0693 700 001	140 cm	HDPE - High density poly-ethylene	33 m	10	6 PCS





Outdoor cover film

Product description:
Fold-out cover film with integrated fabric tape for outdoor masking tasks

Advantages:
- Easier processing possible with dispenser, art. no. 0693 702 000

Field of Application:
For covering larger outdoor areas; particularly on façades and windows

Advice:
Maximum duration of use 3 weeks



Art. No.	Height (opened out)	Length	Thickness	Packaging unit (VPE)
0693 701 001	140 cm	15 m	10	6 PCS

Dispenser for cover film

Product description:
Dispenser for easy unwinding cover films

Advantages:
- With serrated tear-off edge

Field of Application:
Suitable for cover films, art. no. 0693 700 001 and 0693 701 001

Advice:
Dispenser is delivered empty (without film)



Art. No.	Material	Length	Packaging unit (VPE)
0693 702 000	Plastic	20.5 cm	1 PCS





Paint tray

Product description:
Plastic paint tray

Advantages:
- With corner spouts and grab handles
- Grooved scraping surface for optimum wiping off of excess paint

Field of Application:
For adding paint and lacquer

Advice:
Suitable for paint rollers in 50 mm and 100 mm width; article numbers 0693 500 050, 0693 500 100, 0693 501 100 and 0693 501 110



Art. No.	Material	Width	Length	Packaging unit (VPE)
0693 601 001	Plastic	15 cm	30 cm	5 PCS

Paint grid

Product description:
Metallic paint grid

Advantages:
- Optimum cleaning of roller used with scraping recess: saves water, time and money

Field of Application:
For use in paint buckets

Advice:
With flexible hanging eyelets for hanging up rollers when not in use



Art. No.	Material	Width	Length	Packaging unit (VPE)
0693 602 001	Steel wire	26 cm	30 cm	1 PCS

Decorator's stripping knife

Product description:
With fine-hardened and ground steel blade.
Flat, oval wooden handle.



Art. No.	Width of blade	Packaging unit (VPE)
0695 500 305	20 mm	1 PCS
0695 500 306	30 mm	1 PCS
0695 500 307	40 mm	1 PCS
0695 500 308	50 mm	1 PCS
0695 500 309	60 mm	1 PCS
0695 500 311	80 mm	1 PCS

Plaster pot

Product description:
Plaster pot made from flexible rubber.



Art. No.	Diameter	Height	Packaging unit (VPE)
0695 500 300	125 mm	90.0 mm	1 PCS

RECA repair cement

Product description:
Cement-based, very quick-hardening assembly mortar that achieves high bending tensile and compressive strengths after a short time. Low-chromate in accordance with directive 2003/53/EC



Advantages:
- Quick-hardening
- Anti-corrosive
- High strength
- Watertight
- With test certificate
- For internal and external use

Application area:
For quick mounting of:
Iron gates, balcony and staircase rails, fire escapes, hinges, door and window frames, garage doors, appliances for hot water preparation, control cabinets, etc., when fast and timely load-bearing capacity is required.

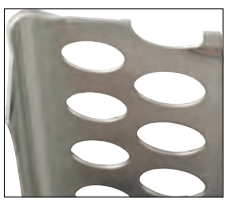
Advice:
Suitable for all clean, load-bearing, fixed, non-slip, mineral surfaces.
Observe mixing ratio of one part water to three parts repair cement.
Can be processed from 5°C to max. 25°C. Do not process in frost or on frozen surfaces.
The product has an open time of 3 to 5 minutes. Higher temperatures and hot water reduce the working time, lower temperatures and cold water extend the working time.

Art. No.	Content remark	Packaging unit (VPE)
0898 515 25	2 sacks of 5 kg each, packed in a bucket	1 PCS

Aluminium end profile

Application area:
For edge protection in drywalling



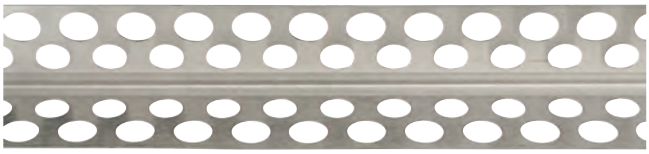


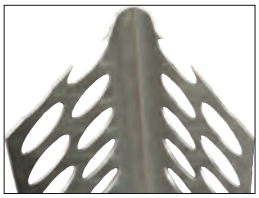
Art. No.	Size	Length	Packaging unit (VPE)
0571 132 325	13 x 25 mm	2.5 m	250 PCS
0571 132 330	13 x 25 mm	3.0 m	300 PCS

Aluminium corner bracket

Application area:
For edge protection in drywalling

Advice:
Supplied in bundles





Art. No.	Width of side	Length	Surface	Number of pieces	Packaging unit (VPE)
0571 252 525	25 mm	2.5 m	Bare	100 PCS	250 PCS
0571 252 530	25 mm	3.0 m	Bare	100 PCS	300 PCS

Swiss plastering trowels

Advice:
Quality: Made in Germany



Art. No.	Length	Packaging unit (VPE)
0698 401 140	140 mm	5 PCS
0698 402 140	140 mm	5 PCS

Brick trowels

Advice:
Quality: Made in Germany



Art. No.	Length	Packaging unit (VPE)
0698 410 160	160 mm	5 PCS
0698 411 160	160 mm	5 PCS
0698 412 160	160 mm	5 PCS
0698 410 180	180 mm	5 PCS
0698 411 180	180 mm	5 PCS
0698 412 180	180 mm	5 PCS



Tiler’s trowel

Advice:
Quality: Made in Germany



Art. No.	Length	Packaging unit (VPE)
0698 420 160	160 mm	5 PCS

Cat’s tongue trowel

Advice:
Quality: Made in Germany



Art. No.	Length	Packaging unit (VPE)
0698 421 160	160 mm	5 PCS

Smoothing trowels

Advice:
Quality: Made in Germany



Art. No.	Type	Length	Width	Blade thickness	Packaging unit (VPE)
0698 432 280	Stainless steel blade/2C handle	280 mm	130 mm	0.7 mm	5 PCS
0698 431 280	Stainless steel blade/ wooden handle	280 mm	130 mm	0.7 mm	5 PCS
0698 430 280	Steel blade/wooden handle	280 mm	130 mm	0.7 mm	5 PCS

Toothed trowels

Field of Application:
The larger the tiles to be laid, the larger the toothing must be!

Advice:
Quality: Made in Germany



Art. No.	Length	Width	Blade thickness	Tooth width	Tooth height	Packaging unit (VPE)
0698 441 280	280 mm	130 mm	0.7 mm	6 mm	6 mm	5 PCS
0698 451 280	280 mm	130 mm	0.7 mm	6 mm	6 mm	5 PCS
0698 442 280	280 mm	130 mm	0.7 mm	8 mm	8 mm	5 PCS
0698 452 280	280 mm	130 mm	0.7 mm	8 mm	8 mm	5 PCS
0698 443 280	280 mm	130 mm	0.7 mm	10 mm	10 mm	5 PCS
0698 453 280	280 mm	130 mm	0.7 mm	10 mm	10 mm	5 PCS
0698 444 280	280 mm	130 mm	0.7 mm	12 mm	12 mm	5 PCS
0698 454 280	280 mm	130 mm	0.7 mm	12 mm	12 mm	5 PCS

Plastering trowels

Advice:
Quality: Made in Germany



Art. No.	Length	Packaging unit (VPE)
0698 461 040	40 mm	5 PCS
0698 462 040	40 mm	5 PCS
0698 461 060	60 mm	5 PCS
0698 462 060	60 mm	5 PCS
0698 461 080	80 mm	5 PCS
0698 462 080	80 mm	5 PCS
0698 461 100	100 mm	5 PCS
0698 462 100	100 mm	5 PCS

Floats

Product description:
Polyurethane floats with or without lining for compacting surfaces such as plaster and screed
- Lightweight, dimensionally stable, wear-resistant
- With milled edges
- Do not absorb moisture
- Optimum friction properties
- Easy to clean

Advice:
Quality: Made in Germany



Art. No.	Type	Length	Width	Packaging unit (VPE)
0698 644 280	Float with rubber pad, black	280 mm	140 mm	6 PCS
0698 650 280	Float with sponge pad, orange	280 mm	140 mm	6 PCS
0698 660 290	Float with sponge pad, yellow	290 mm	150 mm	6 PCS
0698 614 280	Float, PU	280 mm	140 mm	6 PCS
0698 618 320	Float, PU	320 mm	180 mm	6 PCS
0698 620 360	Float, PU	360 mm	200 mm	6 PCS
0698 622 420	Float, PU	420 mm	220 mm	6 PCS
0698 638 260	Spreading float, pointed	260 mm	80 mm	6 PCS

Bricklayer cords

Product description:
High-quality bricklayer cords made from polyethylene or polypropylene
- Optimum visibility thanks to luminescent colours
- Water- and dirt-repellent
- Stretch-resistant, tear-proof and durable
- High flexibility and resistance to UV even after prolonged use outdoors
- High heat resistance up to 70°(PE) or 80° (PP)

Nylon cords (polyamide) represent the highest quality
Material speciality: can be seen very well (above all yellow fluorescent)
UV resistance: high
Abrasion resistance: very good
Breaking elongation: high
Flexibility: good
Other: soft + stretch-resistant

Advice:
Quality: Made in Germany



Art. No.	Colour	Thickness	Length	Packaging unit (VPE)
0698 762 100	Neon green	2.0 mm	100 m	6 PCS
0698 752 100	Neon pink	2.0 mm	100 m	6 PCS
0698 774 100	Neon yellow	2.0 mm	100 m	3 PCS
0698 742 100	Neon yellow	2.0 mm	100 m	6 PCS
0698 710 050	Red	1.0 mm	50 m	12 PCS
0698 711 050	Red	1.7 mm	50 m	12 PCS
0698 712 050	Red	2.0 mm	50 m	6 PCS
0698 721 050	Red/white	1.7 mm	50 m	6 PCS
0698 722 100	Red/white	2.0 mm	100 m	6 PCS
0698 731 050	White	1.7 mm	50 m	6 PCS
0698 773 100	White	2.0 mm	100 m	3 PCS
0698 732 100	White	2.0 mm	100 m	6 PCS

Art. No.	Colour	Thickness	Length	Packaging unit (VPE)
0698 733 100	White	3.0 mm	100 m	3 PCS

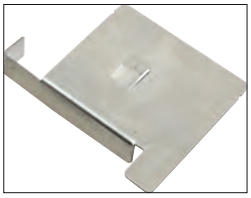
Tile corners with rubber cord

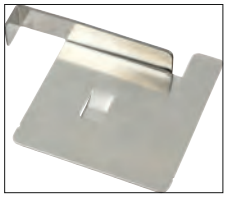
Product description:
Tile corners with hook with 1.5 m-long rubber cord: Easy and secure laying of cord for exact creation of a seam for rows of tiles. The rubber cord can be stretched to a maximum of 4 m.



Art. No.	Packaging unit (VPE)
0698 790	10 PCS







Shovels and spades





















Pickaxe (pick)

Advice:
Matching handle 950 mm, article no. 0698 800 11



Art. No.	Weight	Packaging unit (VPE)
0698 300 25	2500 g	1 PCS

Brooms and rubber wipers











Handles for shovels, brooms and axes



Art. No.	Type description	Length	Height	Width	Diameter	Packaging unit (VPE)
0698 800 391		1100 mm				3 PCS
0698 800 390	Ash shovel handles, DIN 20151	1300 mm				3 PCS
0698 800 119	Handle for rubber wiper	1400 mm			24 mm	3 PCS
0698 800 11	Pickaxe handle	950 mm	74 mm	42 mm		3 PCS
0698 800 150	Pointed broom handle	1500 mm			28 mm	3 PCS
0698 800 180	Pointed broom handle	1800 mm			28 mm	3 PCS

12-litre builder's bucket



Art. No.	Type description	Contents (L)	Packaging unit (VPE)
0698 900 12	Plastic builder's bucket, black	12	1 PCS

Magnetiser

Product description:
Magnetising and demagnetising in one device.
Break-resistant housing made from high-quality ABS plastic.



Art. No.	Length	Width	Height	Packaging unit (VPE)
0695 300 001	52.0 mm	29 mm	50.0 mm	1 PCS

Scaffolding ratchet

Product description:
With two 12-edge flat widths 19 mm and 22 mm.
Switchable right/left.
Secure grip with burnished surface.
With centring pin for screwing in scaffolding anchors.



Art. No.	Length	Packaging unit (VPE)
0700 099 192	310.0 mm	1 PCS

Nail remover

Product description:
Made from hexagonal steel with strong, bent-up claw and slightly curved chisel cutting edge.
Special steel, hardened, painted.



Art. No.	Length	Shank width	Packaging unit (VPE)
0695 500 076	600.0 mm	18 mm	1 PCS
0695 500 077	800.0 mm	20 mm	1 PCS

RECA revolving punch pliers

Product description:
For punching holes in leather, fabrics and plastic materials.
6 hole punches, Ø 2.0/2.5/3.0/3.5/4.0/5.0 mm.
With opening spring and catch.
Powder-coated for good rust protection.



Art. No.	Length	Packaging unit (VPE)
0695 400 402	225 mm	1 PCS

Wad Punch

Product description:
Die-forged in one piece.
Cutting edge hardened and tempered.



Art. No.	Diameter of hole	Length	Packaging unit (VPE)
0695 800 130	4 mm	100.0 mm	1 PCS
0695 800 131	5 mm	100.0 mm	1 PCS
0695 800 132	6 mm	100.0 mm	1 PCS
0695 800 133	8 mm	112.0 mm	1 PCS
0695 800 134	10 mm	115.0 mm	1 PCS
0695 800 135	12 mm	122.0 mm	1 PCS
0695 800 136	14 mm	135.0 mm	1 PCS
0695 800 137	16 mm	135.0 mm	1 PCS
0695 800 138	20 mm	155.0 mm	1 PCS

Warning tape

Product description:
Red/white blocked warning tape for blocking off, securing and marking hazard zones, construction sites, construction pits, plots of land, paths etc.

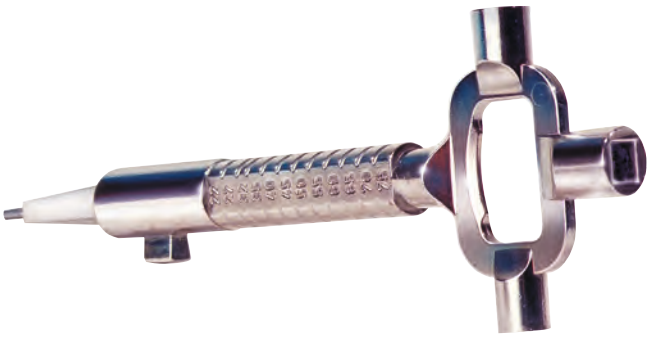
Advantages:
- Very good tear resistance
- Red/white blocks on both sides
- No PVC or heavy metal
- Packed in practical unwinding box



Art. No.	Length	Width	Colour	Packaging unit (VPE)
0985 899 500	500.0 m	80.0 mm	Red, White	1 PCS

Assembly key

Product description:
The universal site wrench. More than an alternative to the previous site/care-taker wrench.
6-edge wrench, 3 mm.
Conical square mandrel from 6–10 mm.
Driver for locks with PC perforation.
Double-sided calibration 22/75 and 25/75 mm for measuring the profile cylinder required.
4-edge pin lock key 6/7/8 mm.
Bottle opener.



Art. No.	Packaging unit (VPE)
0695 891 725	1 PCS

Star-shaped handle, black plastic DIN 6336



Art. No.	Nominal diameter	Max. screw-in depth	Diameter	Packaging unit (VPE)
1590 12 5	5 mm	12 mm	25.0 mm	10 PCS
1590 12 6	6 mm	16 mm	31.0 mm	10 PCS
1590 12 8	8 mm	18 mm	40.0 mm	10 PCS
1590 12 10	10 mm	24 mm	49.0 mm	10 PCS
1590 12 12	12 mm	27 mm	61.0 mm	10 PCS

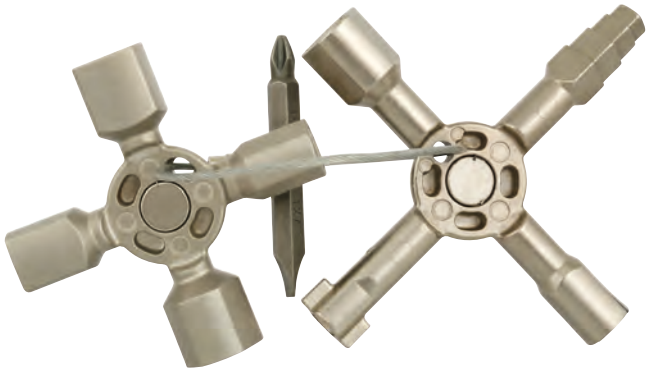
Ball handle, black plastic DIN 319



Art. No.	Nominal diameter	Max. screw-in depth	Diameter	Packaging unit (VPE)
1590 13 5	5 mm	10 mm	20.0 mm	10 PCS
1590 13 6	6 mm	11 mm	25.0 mm	10 PCS
1590 13 8	8 mm	19 mm	32.0 mm	10 PCS
1590 13 10	10 mm	26 mm	40.0 mm	10 PCS
1590 13 12	12 mm	26 mm	50.0 mm	10 PCS

"TwinKey" universal key

Product description:
Multifunctional key for actuating closures in building technology (heating and plumbing, air-conditioning and ventilation technology, electro-technology) gas and water supplies and shut-off systems.
For all standard closing systems and sizes. 2 cruciform keys compactly connected via magnets.
Reversible bit: Slot 1.0 x 7 mm
Weight-optimised die-cast zinc construction with high-quality surface coating



Art. No.	Packaging unit (VPE)
0695 891 700	1 PCS











Workshop trolley Toolmobile Profi

Product description:
Strong and sturdy steel sheet.
Sheet thickness 1.2 mm.
Impact and scratch-proof coating.
Plastic protection on corners and edges.
Tilt protection with individual load locking.
5 small drawers and 2 large drawers.
Each drawer can be fully extended.
Perforation on side panels.
Centrally lockable drawers.
Ball-bearing guide rails.
Innovative locking technology: Draw locks with spring guide.
Anti-static worktop.
Oil-resistant handles.
Smooth-running rubber rollers - two castors with locking brake.



Advantages:
- High drawer load capacity:
- Small: max. 40 kg
- Large: max. 45 kg
-
- Large internal drawer dimensions:
- Small: approx. 563 x 393 x 60 mm (L x W x H)
- Large: approx. 563 x 393 x 140 mm (L x W x H)





Advice:
Delivery includes paper roll holder and side compartment for aerosol cans!





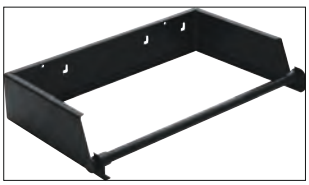




Accessories for Toolmobile Basic

Product description:
Paper roll holder and side holder for aerosol cans, suitable for RECA Toolmobile Basic workshop trolley. Fastening screws included in scope of delivery.





Art. No.	Type	Width	Height	Colour	Weight	Packaging unit (VPE)
0706 006 020	Paper roll holder	360 mm	70 mm	Black	705 g	1 PCS

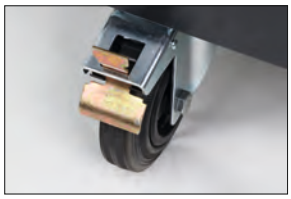
RECA workshop trolley, Toolmobile

Product description:
Robust and multi-fold sheet steel
Sheet thicknesses: Drawer 0.8 mm, trolley housing 1.0 mm
Working height 1000 mm
Impact and scratch-resistant powder coating.
Tilt protection with individual load locking.
5 small drawers and 2 large drawers – each drawer can be fully extended.
Draw locks with spring guide.
Square perforation on side panels.
Centrally lockable drawers.
Ball-bearing guide rails.
Work surface in ABS plastic.
Smooth-running rubber rollers – two castors with locking brake.



Advantages:
- High drawer load capacity:
- Small: max. 40 kg
- Large: max. 45 kg
- Large internal drawer dimensions:
- Small: approx. 563 x 393 x 70 mm (W x D x H)
- Large: approx. 563 x 393 x 150 mm (W x D x H)





Advice:
Can holder, paper roll holder and drawer tray are included in the scope of delivery!









Art. No.	Number of drawers	Load capacity of drawer	Load capacity	Drawer design	Pullout type	Design of the rolls	Width	Depth	Height	Material	Packaging unit (VPE)
0706 006 102	7	40 kg	440 kg	2 drawers, W 563 x D 393 x H 150 mm, 5 drawers, W 563 x D 393 x H 70 mm	Ball-bearing, Full extension	2 swivel castors without brake (D: 125 mm), 2 swivel castors with brake (D: 125 mm)	687 mm	480 mm	1006 mm	Sheet steel	1 PCS

Accessories for RECA workshop trolley, Toolmobile









Art. No.	Width	Depth	Height	Material	Surface	Weight	Packaging unit (VPE)
0706 006 024							1 PCS
0706 006 023	293 mm	86 mm	70 mm	Sheet steel	Powder-coated	1025 g	1 PCS
0706 006 026	563 mm	195 mm	74 mm	Sheet steel	Powder-coated	1800 g	1 PCS

Workshop inlay, empty

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following articles:
Hacksaw frame 2-part handle
Art. no.: 0603 101 301
Hand saw blades
Art. no.: 0603 300 ...
Mini saw bows
Art. no.: 0603 102
Replacement blades for mini saw
Art. no.: 0603 102 150
Precision pocket callipers
Art. no.: 2680 101 5
2-part tape measure
Art. no.: 0705 240 5
Rebound-free soft-head hammer
Art. no.: 0708 001 040
Machinist's hammer DIN 1041
Art. no.: 0695 500 004
2-part cutter grip ultra 18 mm



Art. no.: 0710 411 180
Replacement blades
Art. no.: 0710 411 181

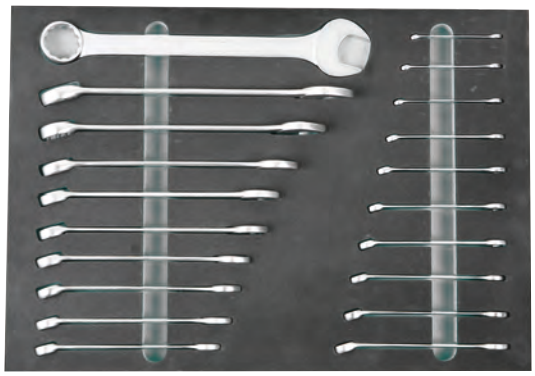
Advice:
All inserts are supplied without equipment!

Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 001	566 x 30 x 396 mm	Black/grey	1 PCS

Inlay for combination spanner set, 20 pcs

Product description:
2C hard foam insert, 2-colour.
Suitable for the following keys:
AF 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32

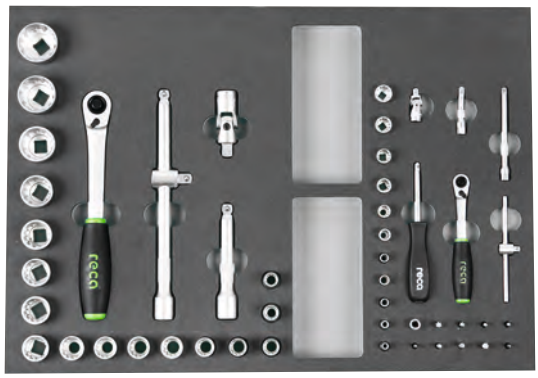
Advice:
All inserts are supplied without equipment!



Inlay for 4in1 Power System

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following sets:
RECA Power System 4in1 1/4"
Art. no.: 0700 024 027
RECA Power System 4in1
Art. no.: 0700 022 022

Advice:
All inserts are supplied without equipment!

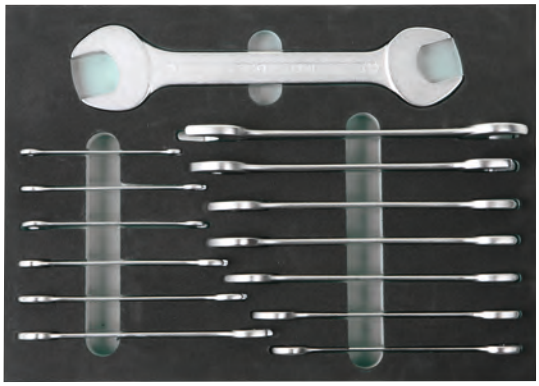


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 003	566 x 30 x 396 mm	Black/grey	1 PCS

Inlay for double open-end wrench

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following set:
Double open-end spanner set DIN 3110
Art. no.: 0700 600 14

Advice:
All inserts are supplied without equipment!



Inlay for socket wrench 1/2" & 1/4"

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following set:
RECA socket wrench insert set 1/4" & 1/2"
Art. no.: 0700 012 031

Advice:
All inserts are supplied without equipment!



Inlay for pliers

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following sets and pliers:
2-part pliers set
Art. no.: 0703 041
Locking pliers with wire cutter
Art. no.: 0703 902 250

Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 013	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for screwdriver with striking cap

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following set:
2-part screwdriver with impact cap
Art. no.: 0701 110

Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 014	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for ultra screwdrivers

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following sets (2 of the following):
Screwdriver ultra PH
Art. no.: 0701 500 501
Screwdriver ultra PZ
Art. no.: 0701 500 502
Screwdriver ultra Torx
Art. no.: 0701 500 503

Advice:
All inserts are supplied without equipment!

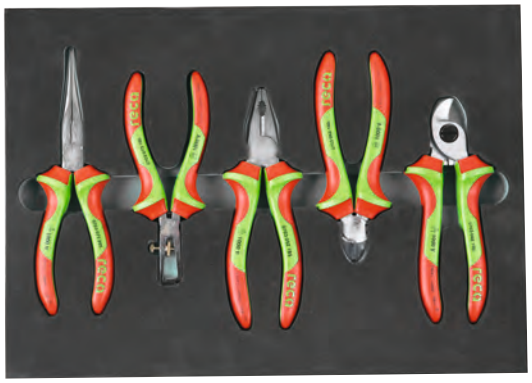


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 015	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for VDE pliers

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following pliers:
2-part combination pliers
Art. no.: 0703 052 185
2-part side cutters
Art. no.: 0703 062 160
2C cable shears
Art. no.: 0703 068 160
2-part pantograph pliers straight
Art. no.: 0703 075 205
2-part wire stripping pliers
Art. no.: 0703 073 160

Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 016	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for VDE screwdrivers

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following sets and voltage testers:
VDE screwdriver set
Art. no.: 0701 291 7
Voltage tester VDE 0680
Art. no.: 0701 280 030

Advice:
All inserts are supplied without equipment!

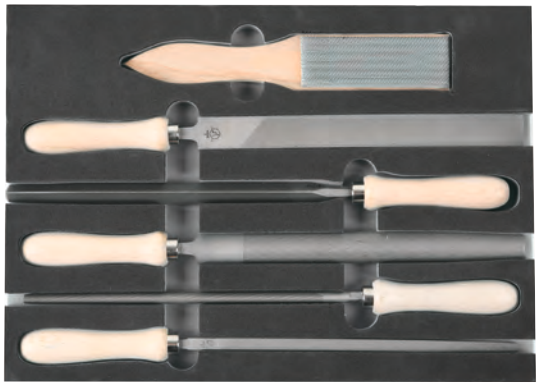


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 017	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for files

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following set:
Workshop file set (5-piece) and file brush
Art. no.: 0695 600

Advice:
All inserts are supplied without equipment!



Inlay for striking tools

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following set and hammer:
Striking tool set 15-piece
Art. no.: 0704 390
RECA ultra hammer 500g
Art. no.: 0708 000 005

Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 019	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for T-handle wrench

Product description:
2-part hard foam insert, 2-colour.
Suitable for the following sets:
T-handle wrench set
Art. no.: 0701 796
T-handle wrench set Impact
Art. no.: 0701 749 309

Advice:
All inserts are supplied without equipment!



Inlay for VISO assortments

Product description:
2-part hard foam insert, 2-colour.
Suitable for all VISO inserts
Art. no.: 0956 ... ...

Advice:
Supplied without VISO inlay.



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 021	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for small parts compartment, 3 pcs

Product description:
2-part hard foam insert, 2-colour.
Suitable for all RECA drill boxes
(except precision twist drill boxes art. no.: 0624 004 007 & 0624 004 008).

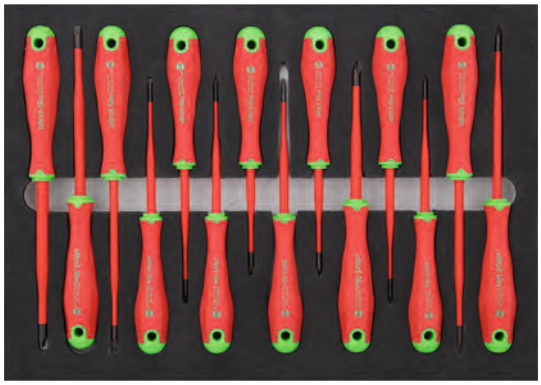
Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 022	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay, ultra E-Slim VDE TX/PH/PZ/SL

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA ultra E-Slim VDE PH/SL screwdriver set, 7 pieces
Art. no.: 0701 500 506
RECA ultra E-Slim VDE TX screwdriver set, 4 pieces
Art. no.: 0701 500 507
RECA ultra E-Slim VDE screwdriver, slotted, 4.5x1.0 mm
Art. no.: 0701 505 145
RECA ultra E-Slim VDE screwdriver, PZ 1
Art. no.: 0701 502 150
RECA ultra E-Slim VDE screwdriver, PZ 2
Art. no.: 0701 502 160

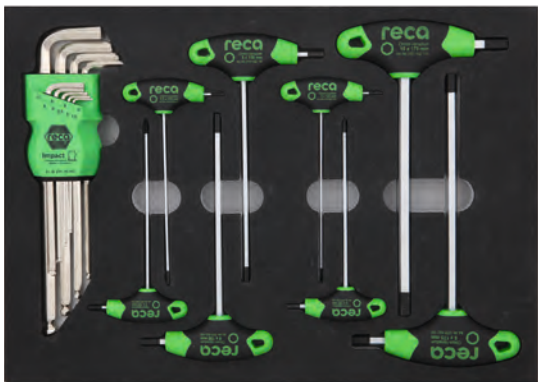


Advice:
All inserts are supplied without equipment!

Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 024	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay, T-handle hexagon socket wrench

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 2C T-handle hexagon socket wrench
Art. no.:
0701 632 120 hexagon socket 2.0x125 mm
0701 632 125 hexagon socket 2.5x125 mm
0701 632 130 hexagon socket 3.0x125 mm
0701 632 140 hexagon socket 4.0x125 mm
0701 632 150 hexagon socket 5.0x150 mm
0701 632 160 hexagon socket 6.0x150 mm
0701 632 180 hexagon socket 8.0x175 mm
0701 632 110 hexagon socket10.0x200 mm
RECA Impact T-handle wrench set
Art. no.: 0701 749 309

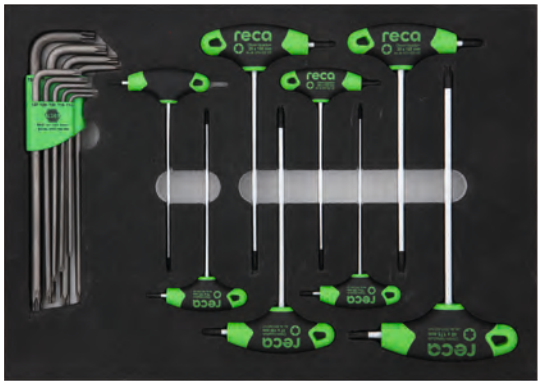


Advice:
All inserts are supplied without equipment!

Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 025	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay, T-handle TX wrench

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 2C T-handle TX socket wrench
Art. no.:
0701 633 109 TX 9x105 mm
0701 633 110 TX 10x105 mm
0701 633 115 TX 15x105 mm
0701 633 120 TX 20x150 mm
0701 633 125 TX 25x150 mm
0701 633 127 TX 27x150 mm
0701 633 130 TX30 x155 mm
0701 633 140 TX 40x155 mm
RECA T-handle TX wrench set, long version
Art. no.: 0701 759 309



Advice:
All inserts are supplied without equipment!

Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 026	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay for socket wrench set 1/4 & 1/2-inch

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA socket wrench set ‚1/4“ & 1/2“, 45 pieces
Art. no.: 0700 120 045

Advice:
All inserts are supplied without equipment!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 027	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay, 1/2" socket wrench set

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 1/2" socket wrench set, 43 pieces
Art. no.: 0700 120 043

Advice:
All inserts are supplied without equipment!

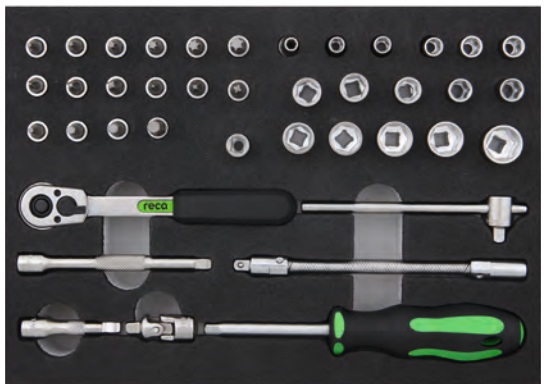


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 028	283 x 30 x 396 mm	Black/grey	1 PCS

Inlay, 1/4" socket wrench set

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 1/4" socket wrench set, 40 pieces
Art. no.: 0700 140 040

Advice:
All inlays are supplied empty!

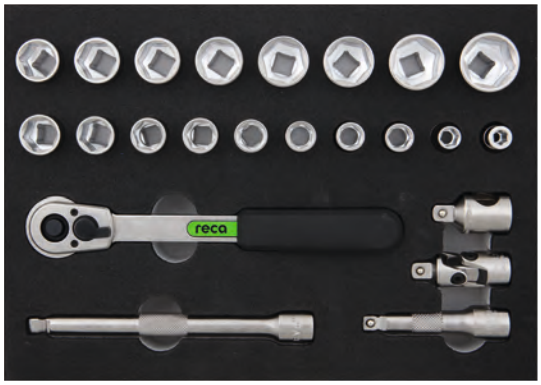


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 050	283 x 30 x 198 mm	Black/grey	1 PCS

Inlay, 3/8“ socket wrench

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 3/8“ socket wrench set, 23 pieces
Art. no.: 0700 138 023

Advice:
All inlays are supplied empty!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 051	283 x 30 x 198 mm	Black/grey	1 PCS

Inlay, ultra E-Slim VDE PlusMinus

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA ultra E-Slim VDE screwdriver, PH PlusMinus
H1 art. no.: 0701 503 180
H2 art. no.: 0701 503 190
RECA ultra E-Slim VDE screwdriver, PZ PlusMinus Z
Z1 art. no.: 0701 502 180
Z2 art. no.: 0701 502 190
RECA VDE voltage tester
Art. no.: 0701 280 030

Advice:
All inlays are supplied empty!

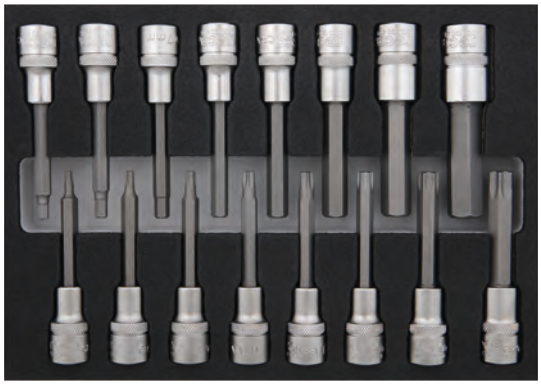


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 052	283 x 30 x 198 mm	Black/grey	1 PCS

Inlay, T-handle hexagon socket/TX wrench

Product description:
2C hard foam insert, 2-colour.
Suitable for the following articles:
RECA 1/2" hexagon socket wrench set, long version
Art. no.: 0700 120 400
RECA TX 1/2" socket wrench set, long version
Art. no.: 0700 120 500

Advice:
All inlays are supplied empty!

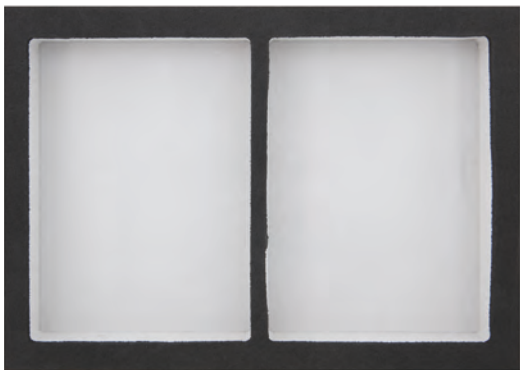


Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 053	283 x 30 x 198 mm	Black/grey	1 PCS

Inlay, small parts compartment

Product description:
2C hard foam insert, 2-colour.

Advice:
All inlays are supplied empty!



Art. No.	Width x height x depth	Colour	Packaging unit (VPE)
0706 001 054	283 x 30 x 198 mm	Black/grey	1 PCS

Compartment divider set for Toolmobile Profi/Basic

Product description:
Using this 32-piece compartment divider set, you can tidy the drawer in your workshop trolley as required with a high level of flexibility. The push-in system is easy to install and can be modified at any time or adapted to meet new challenges. The system is 50 mm high and 1.2 mm thick.
Comprising:
2 transverse strips (566 mm)
6 longitudinal strips (393 mm)
6 compartment dividers (98.4 mm)
6 compartment dividers (117.4 mm)
6 compartment dividers (155.4 mm)
6 compartment dividers (193.4 mm)



Advice:
This compartment divider set can only be used with RECA Toolmobile Profi workshop trollies.

Art. No.	Packaging unit (VPE)
0706 006 022	1 PCS

Pica Ink deep hole marker

Product description:

> 4 mm).
Do not bring into contact with moisture!



Advantages:
- Self-adjusting, patented stainless steel telescopic tip! Up to 3x writing performance due to drive usage of 7 mm fibre tip length instead of 2 mm.

Advice:
The lead can be removed and rotated by 180° for a second turn!

Art. No.	Type	Packaging unit (VPE)
0695 900 002	Black	1 PCS
0695 900 003	Blue	1 PCS
0695 900 004	Red	1 PCS

Pica Dry deep hole marker

Product description:
Writes on all material surfaces, no matter whether dusty, oily, rough, dark or moist.
Automatic lead feed in stainless steel tube (1 x press = 2 mm feed).
Integrated tips in the quiver protector.
Simple lead change.



Art. No.	Packaging unit (VPE)
0695 900 001	1 PCS

Pica Dry spare leads

Product description:

>
> 40 °C).



Art. No.	Content remark	Packaging unit (VPE)
0695 900 010	Leads: 2 x yellow, 2 x red, 4 x graphite	1 PCS
0695 900 011	Leads: 3 x blue, 3 x green, 2 x white	1 PCS
0695 900 012	Leads: 10 x graphite	1 PCS

Pica Pocket

Product description:
Pica Pocket - quiver and sharpener in one!
This robust quiver holds all thick wooden pencils, whether oval, triangular, or hexagonal. Holds any length - down to the smallest stub!
Innovative clamping function fixes the pencil so it is always close at hand. The user focuses on their work and finds the pencil intuitively without endlessly rummaging through pockets.
Clip with extra reinforcements for extremely powerful and permanent grip on trouser pocket.
Integrated C-grade steel blade for simple and safe sharpening. A safety bar limits the cutting depth like a potato peeler, and protects against injury.



Field of Application:
The following pencil shapes can be inserted: Oval, flat oval, triangular, hexagonal, and black-edge.

Advice:
Two Classic carpenter's pencils supplied.

Art. No.	Packaging unit (VPE)
0695 900 200	1 PCS

Pica Gel Marker

Product description:
For permanent, clear marking indoors and outdoors.
Water-, light- and temperature- resistant, can even be used underwater.
Can be used on rough, rusty, uneven, wet, dark and elastic surfaces.
Quiver protector with integrated tips for fine marking, marking width 2–8 mm.
Pushing of the lead by simple rotary movement.
Application temperature -20°C to +70°C, marking still easily visible up to 800°C.
Colour gel required, depending on weathering/surface/application intensity, few minutes drying time.



Art. No.	Colour	Packaging unit (VPE)
0695 900 005	Black	1 PCS
0695 900 007	Blue	1 PCS
0695 900 008	Red	1 PCS
0695 900 006	White	1 PCS
0695 900 009	Yellow	1 PCS

arecal universal superglue

Product description:
Fast-hardening superglue, standard type

Advantages:
- With twist-lock cap: easy to use with one hand, self-cleaning, won't harden, captive closure!

Field of Application:
Suitable for most applications, including mixed materials

Advice:
Hardening can be accelerated using arecal activator, item no. 0893 100 007.
With problematic materials (PE, POM, PP...), apply arecal primer, item no. 0893 100 008 before bonding.
All parts to be bonded must always be pre-cleaned (degreased) and in some cases even roughed up using sandpaper!





Art. No.	Type description	Colour	Chemical basis	Density	Min./max. temperature conditions	Flashing point	Min. final strength	Min./max. viscosity / conditions	Packaging unit (VPE)
0893 100 001	arecal universal superglue 20 g	Colourless	Cyanoacrylate acidic ester	1.06 g/cm³	-30 to +80 °C	87 °C	24 h	70-120 mPas / at 25°C	1 PCS
0893 100 002	arecal universal superglue. SMART PEN 30 g	Colourless	Cyanoacrylate acidic ester	1.06 g/cm³	-30 to +80 °C	87 °C	24 h	70-120 mPas / at 25°C	1 PCS

arecal elastomer superglue

Product description:
Fast-hardening superglue that is insensitive to inactive materials

Advantages:
- With twist-lock cap: easy to use with one hand, self-cleaning, won't harden, captive closure!

Field of Application:
Suitable for difficult materials, such as porous rubber, cardboard, paper, cork, leather

Advice:
Hardening can be accelerated using arecal activator, item no. 0893 100 007.
With problematic materials (PE, POM, PP...), apply arecal primer, item no. 0893 100 008 before bonding.
All parts to be bonded must always be pre-cleaned (degreased) and in some cases even roughed up using sandpaper!



Art. No.	Type description	Colour	Density	Min./max. temperature conditions	Flashing point	Min. final strength	Min./max. viscosity / conditions	Packaging unit (VPE)
0893 100 003	arecal elastomer superglue 20 g	Colourless	1.06 g/cm³	-30 to +80 °C	87 °C	24 h	20-40 mPas / at 25°C	1 PCS

arecal superglue, strong and flexible, black

Product description:
Black superglue with high impact and peel resistance

Advantages:
- With twist-lock cap: easy to use with one hand, self-cleaning, won't harden, captive closure!

Field of Application:
Especially for applications with alternating thermal and mechanical loads; can also be used for bonding electronic components to circuit boards.

Advice:
Hardening can be accelerated using arecal activator, item no. 0893 100 007.
With problematic materials (PE, POM, PP...), apply arecal primer, item no. 0893 100 008 before bonding.
All parts to be bonded must always be pre-cleaned (degreased) and in some cases even roughened using sandpaper!"



Art. No.	Type description	Colour	Chemical basis	Density	Min./max. temperature conditions	Flashing point	Min. final strength	Packaging unit (VPE)
0893 100 004	arecal superglue, strong and flexible, black, 20 g	Black	Cyanoacrylate acidic ester	1.06 g/cm³	-55 to +120 °C	87 °C	24 h	1 PCS

arecal superglue, special, flexible

Product description:
Highly viscous, slightly flexible superglue with good resistance to temperature changes

Advantages:
- With twist-lock cap: easy to use with one hand, self-cleaning, won't harden, captive closure!

Field of Application:
Lends high strength to metals, ferrites, ceramics and most plastics, and is especially suitable for use wherever alternating loads occur.

Advice:
Hardening can be accelerated using arecal activator, item no. 0893 100 007.
With problematic materials (PE, POM, PP...), apply arecal primer, item no. 0893 100 008 before bonding.
All parts to be bonded must always be pre-cleaned (degreased) and in some cases even roughed up using sandpaper!



Art. No.	Type description	Colour	Chemical basis	Density	Min./max. temperature conditions	Flashing point	Min. final strength	Min./max. viscosity / conditions	Packaging unit (VPE)
0893 100 005	arecal superglue, special, flexible	Colourless	Cyanoacrylate acidic ester	1.04 g/cm³	-55 to +105 °C	87 °C	24 h	320-420 mPas / at 25°C	1 PCS

arecal superglue gel

Product description:
Universal superglue in the form of a gel



Advantages:
- Non-drip, gap-bridging

Field of Application:
For use when larger gaps have to be bridged; especially suitable for bonding highly-porous materials

Advice:
The components being glued must be clean and free from oil and grease. Apply product thinly on one side. Initial strength is achieved after a few seconds. Full functionality after approx. 24 hours

Art. No.	Type description	Colour	Chemical basis	Density	Min./max. temperature conditions	Flashing point	Packaging unit (VPE)
0893 100 006	arecal superglue gel, 20 g	Yellowish	Ethyl cyanoarcrylate	1.17 g/cm³	-55 to +80 °C	80 °C	1 PCS

arecal activator for adhesives

Product description:
Accelerates superglue hardening



Advantages:
- Surplus adhesive can be completely hardened by subsequent spraying with activator

Field of Application:
Useful when having to actually work in a matter of seconds, even when inactive materials (e.g. metals) or excessive gaps prevent fast hardening.

Advice:
Apply on one side approx. 2 minutes before the actual bonding; residue from the activator must be completely evaporated before bonding.

Art. No.	Type description	Colour	Chemical basis	Density	Max. initial strength	Packaging unit (VPE)
0893 100 007	arecal activator for arecal superglue, 150 ml	Colourless	Aliphatic solvent	0.7 g/cm³	2 s	1 PCS

arecal primer

Product description:
Bonds materials that would otherwise not be possible or would be very difficult to bond.

Advantages:
- Also suitable for large open surfaces, e.g. when bonding strainers to strainer frames

Field of Application:
For use especially wherever bonding conditions are poor, e.g. on inactive surfaces, large gaps, porous materials...
Example materials include: PE, PP, PTFE or silicone rubber

Advice:
The solvent must be completely evaporated before applying the adhesive. If there is only one mating part from non-polar plastic, only this has to be treated with PRIMER



Art. No.	Type description	Colour	Chemical basis	Density	Flashing point	Max. viscosity	Packaging unit (VPE)
0893 100 008	arecal primer for arecal superglue, 50 ml	Colourless	Aliphatic solvent	0.68 g/cm³	-10 °C	20 mPas	1 PCS

arecal adhesive remover

Product description:
Adhesive remover for hardened adhesive

Advantages:
- Even dissolves residual liquid adhesive

Field of Application:
For dissolving or detaching hardened adhesive and for absorbing liquid residues

Advice:
The reaction time required for the adhesive to react with adequate hardening depends on the temperature, the quantity of hardened adhesive and the component geometry.
It is recommended that the time be determined in advance with preliminary tests.
Please note: Prior to use on plastic parts, it is necessary to check whether the plastic is compatible with, and not dissolved by, the adhesive remover. Static charging of parts must be prevented and adequate ventilation or extraction must be provided. Working under a fume hood is recommended wherever possible



Art. No.	Type description	Colour	Density	Min. flashing point	Max. viscosity	Packaging unit (VPE)
0893 100 009	arecal adhesive remover 20 g	Colourless	1.00 g/cm³	90 °C	10 mPas	1 PCS

arecal low-strength screw retainer

Product description:
Universal medium-viscosity product; ideal for easily removable threaded connections

Advantages:
- Connection can easily be removed again

Field of Application:
For securing screws with fine threads

Advice:
After applying the screw retainer, the screwed connection should always be tightened in one action (no turning back).
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean.



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 200 001	arecal low-strength screw retainer	50 ml	Purple red	Dimethacrylic acid ester	1.09 g/ cm³	M36	-55 to +150 °C	100 °C	800-1200 mPas / at 25°C, Brookfield RVT, spindle 2/20 rpm	0.2 mm	1 PCS

arecal medium-strength screw retainer

Product description:
Medium-strength product with exceptional resistance to chemicals and heat

Advantages:
- Fast hardening, including stainless steel and passivated surfaces

Field of Application:
Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C.

Advice:
After applying the screw retainer, the screwed connection should always be tightened in one action (no turning back).
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean.



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 200 002	arecal medium-strength screw retainer	50 ml	Blue	Dimethacrylic acid ester	1.12 g/cm³	M36	-55 to +150 °C	100 °C	4000-9000 mPas / at 25°C, Brookfield RVT, spindle 3/2 rpm	0.25 mm	1 PCS

arecal high-strength screw retainer

Product description:
High-strength product for securing threaded connections.

Advantages:
- Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C.

Field of Application:
Reliably secures stud bolts

Advice:
After applying the screw retainer, the screwed connection should always be tightened in one action (no turning back).
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean.
It is possible that disassembly will be difficult using standard tools.



Art. No.	Type description		Colour		Density	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Min./ max. initial strength	Packaging unit (VPE)
0893 200 003	arecal high-strength screw retainer	50 ml	Red	Dimethacrylic acid ester	1.11 g/cm³	-55 to +150 °C	100 °C	4000-7000 mPas / at 25°C, Brookfield RVT, spindle 3/2 rpm	0.25 mm	10-20 min	1 PCS

arecal universal pipe thread sealant

Product description:
For sealing threaded pipe connections

Advantages:
- Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C.
- Hardens even at low temperatures (above 0°C)

Field of Application:
Seals conical/cylindrical threaded pipe connections up to 3" radius, e.g. sprinkler systems and gas pipelines. Tightly-fastened screw connections are immediately sealed to 5 bar pressure.

Advice:
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean. Always apply sufficient material (threads must be filled)
In accordance with TRGI (Technical Guidelines for Gas Installations) ,86/96, not permissible in domestic gas installations in Germany







Art. No.	Type description		Colour	Max. pressure		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity	Packaging unit (VPE)
0893 300 001	arecal universal pipe thread sealant	50 ml	Yellow		Dimethacrylic acid ester	1.05 g/cm³	M80, R 3 inch	-55 to +150 °C	100 °C	55000-80000 mPas	1 PCS
0893 300 005	arecal universal pipe thread sealant, aerosol version	50 ml	Yellow	80 bar	Dimethacrylic acid ester	1.05 g/cm³	M80, R 3 inch	-55 to +150 °C	100 °C	24000-70000 mPas	1 PCS
0893 300 004	arecal universal pipe thread sealant, pressurised-gas version	100 ml	Yellow		Dimethacrylic acid ester	1.05 g/cm³	M80, R 3 inch	-55 to +150 °C	100 °C	55000-80000 mPas	1 PCS

arecal high-strength pipe thread sealant

Product description:
For high-strength pipe thread connections

Advantages:
- Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C.

Field of Application:
For high-strength pipe thread connections with high temperature and media resistance. Also suitable for fastening stud bolts.

Advice:
"Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean. Always apply sufficient material (threads must be filled)
In accordance with TRGI (Technical Guidelines for Gas Installations) ,86/96, not permissible in domestic gas installations in Germany"



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity	Max. gap-filling ability	Packaging unit (VPE)
0893 300 002	arecal high-strength pipe thread sealant	50 ml	Red	Dimethacrylic acid ester	1.1 g/cm³	R 2 inch	-55 to +150 °C	100 °C	6000-7000 mPas	0.3 mm	1 PCS

arecal pipe thread sealant with PTFE

Product description:
Pipe thread sealant with PTFE

Advantages:
- Flexible adhesive film. The PTFE filler allows easy disassembly
- Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C.

Field of Application:
Especially suitable for sealing conical/cylindrical pipe connections up to 3" radius with Whitworth threads to DIN 2999.

Advice:
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean. Always apply sufficient material (threads must be filled)
In accordance with TRGI (Technical Guidelines for Gas Installations) ,86/96, not permissible in domestic gas installations in Germany



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity	Max. gap-filling ability	Packaging unit (VPE)
0893 300 003	arecal pipe thread sealant with PTFE	50 ml	White	Dimethacrylic acid ester	1.0 g/cm³	M80, R 3 inch	-55 to +200 °C	100 °C	40000-60000 mPas	0.3 mm	1 PCS

arecal surface sealant

Product description:
Universal, medium-strength liquid surface sealant

Advantages:
- Simple and quick to apply using a paint roller or by screen printing
- Hardens quickly
- Replace solid seals
- The medium-strength ensures easy disassembly of treated parts

Field of Application:
For sealing flanges and surfaces

Advice:
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean.



Art. No.	Type description		Density	Min./ max. temperature conditions	Min. flashing point	Min. viscosity	Max. gap-filling ability	Min./ max. initial strength	Min./ max. functional strength	Min./ max. final strength	Packaging unit (VPE)
0893 400 001	arecal universal surface sealant	50 ml	1.05 g/cm³	-55 to +150 °C	100 °C	100000	0.5 mm	10-20 min	3-6 h	6-24 h	1 PCS

arecal medium-strength retaining compound

Product description:
Universal, medium-strength retaining compound

Advantages:
- Replaces mechanical securing devices such as keys and wedges

Field of Application:
Adhesive for securing bearings in bushings and wheels on shafts

Advice:
After application, preferably join the parts with a rotational movement rather than by interlocking



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 500 001	arecal medium-strength retaining	50 ml	Yellow	Dimethacrylic acid ester	1.07 g/cm³	M12	-55 to +150 °C	90 °C	500-650 mPas / at 25°C, Brookfield RVT, spindle 2/20 rpm	0.15 mm	1 PCS

arecal high-strength retaining compound

Product description:
High-strength retaining compound

Advantages:
- Quick hardening
- Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C"

Field of Application:
For high static shear stresses as well as for dynamic loads. For securing gears, belt pulleys, rotor/shaft connections on electric motors, etc.

Advice:
After application, preferably join the parts with a rotational movement rather than by interlocking



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 500 002	arecal high-strength retaining	50 ml	Green	Dimethacrylic acid ester	1.1 g/cm³	M36	-55 to +150 °C	100 °C	2000-3000 mPas / at 25°C, Brookfield RVT, spindle 3/2 rpm	0.2 mm	1 PCS

arecal heat-resistant retaining compound

Product description:
Heat-resistant retaining compound

Advantages:
- Quick-hardening, heat-resistant product. Certified to DVGW (DIN EN 751-1) and ANSI/NSF Standard 61 for use in service water and drinking water up to +82°C

Field of Application:
For securing cylindrical joints with high resistance to acids, alkalis, etc. Securing cylinder liners in engine blocks. Used also for bearing supports in heating furnaces.

Advice:
After application, preferably join the parts with a rotational movement rather than by interlocking
In accordance with TRGI (Technical Guidelines for Gas Installations) ,86/96, not approved for domestic gas installations



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 500 003	arecal heat-resistant retaining	50 ml	Green	Dimethacrylic acid ester	1.1 g/cm³	M20	-55 to +175 °C	100 °C	450-650 mPas / at 25°C, Brookfield RVT, spindle 2/20 rpm	0.15 mm	1 PCS

arecal medium-strength hydraulic sealant

Product description:
Medium-strength hydraulic sealant

Advantages:
- Excellent resistance to chemicals

Field of Application:
Medium-strength product for sealing pneumatic and hydraulic connections up to 3/4" radius, up to bursting pressure

Advice:
Always thoroughly pre-clean the materials to be bonded with e.g. arecal Novaclean. Always apply sufficient material (thread must be filled)



Art. No.	Type description		Colour		Density	Suitable for max. thread	Min./ max. temperature conditions	Min. flashing point	Min./ max. viscosity /conditions	Max. gap-filling ability	Packaging unit (VPE)
0893 600 001	arecal medium-strength hydraulic sealant	50 ml	Brown	Dimethacrylic acid ester	1.05 g/cm³	R 3/4 inch	-55 to +150 °C	100 °C	450-700 mPas / at 25°C, Brookfield RVT, spindle 2/20 rpm	0.15 mm	1 PCS

arecal Novaclean brake cleaner

Product description:
arecal Nova Clean with acetone is a highly concentrated cleaner for all maintenance and installation work

Field of Application:
Novaclean can be used for:
Removing oil, grease, resins and glue residues, for clutch and brake parts
Cleaning engine parts, springs, electrical systems, starters, rolling bearings and guides
Removing stubborn stains on cushions and textiles

Advice:
Do not spray on hot components. First check rubber/plastic parts, cushions, textiles and painted surfaces for compatibility



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 613 500	arecal Fillup refillable can	500 ml		1 PCS
0895 610 10	Canister	10 l		1 PCS
0895 013 500	Spray can	500 ml	15	1 PCS

arecal Clean brake cleaner, acetone-free

Product description:
For cleaning and degreasing during maintenance and repair work.

Advantages:
- arecal Clean is acetone-free and thus has greater material compatibility with plastics, seals etc.
- The product works without leaving residues. In comparison to the use of dilution, no residue deposits remain. Removes even resinified lubricants. Clean is non-corrosive.

Field of Application:
arecal Clean is the ideal cleaner for use in all industries, in crafts, and for repairs and installation. Clean removes all oily and greasy dirt, e.g. on brakes (drum and disc brakes, linings, brake pads, cylinders, springs and bushes), on clutches (clutch linings and clutch parts), on engine parts (carburettors, petrol and oil pumps, gearboxes, etc.)

Advice:
Do not spray on hot components. Check whether rubber, plastic components and painted surfaces are compatible before use.



Art. No.	Type description	Contents	Packaging unit (VPE)
0895 014 500	arecal CLEAN spray can	500 ml	24 PCS

arecal Top Clean citrus cleaner

Product description:
Outstanding adhesive remover and parts cleaner based on citrus peel extract.

Field of Application:
Ideal for removing adhesive residue, old labels and glue residue. The contents of arecal Top Clean (terpenes) break up adhesive residues into their constituent parts. Thanks to its natural contents, arecal Top Clean has a very pleasant lemon aroma.

Advice:
Always test suitability and material compatibility before use. Please note that the product requires several minutes to dissolve adhesive residue.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 612 500	arecal Fillup refillable can	500 ml		1 PCS
0895 411 10	Canister	10 l		1 PCS
0895 412 500	Spray can	500 ml	15	1 PCS

arecal Uniclean Plus

Product description:
Cleaning spray that forms a firm foam after being sprayed on and adheres well even to vertical surfaces, which produces a longer action time.

Advantages:
- Has an improved formulation, so that the product works better even on cold surfaces!

Field of Application:
Cleans window panes from the inside and the outside. Provides a clear view. Works without streaks.
Also for mirrors, glass cabinets, showcases, glass tables, television sets, PC monitors and car windows, rear view mirrors, headlights.

Effortlessly removes contamination such as dirt, fingerprints, flies and bird droppings, cooking and smoke residues.

Advice:
Allow the product to work before wiping clean.
*As the composition of textile fibres can be very different, particularly with regard to dyes, it is advisable to carry out a compatibility test on a hidden area before cleaning.
Cleaning may have to be repeated on very heavily contaminated surfaces.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 214 400	arecal Uniclean Plus, spray can	400 ml	15	1 PCS

arecal Active Clean, active glass cleaner

Product description:
arecal Active Clean is a liquid cleaning agent that loosens and removes contamination such as oil, grease, insects, bird droppings, rubber abrasion etc.

Field of Application:
Suitable for vehicle windscreens, chrome parts, headlights, windows, mirrors, tiles and various floor coverings.

Advice:
Spray evenly over the surfaces that you wish to clean. Leave to take effect for a short time then wipe off/wipe dry with a clean cloth.

Do not use in the hot sun or on hot surfaces. Not suitable for polycarbonate glass. Silicone and AOX-free.

Can be used with arecal Pumpup (0892 600 006) or arecal spray bottle (0892 600 500)



Art. No.	Type description	Packaging unit (VPE)
0895 214 5	arecal Active Clean, active windscreen cleaner, canister	1 PCS

arecal OEL CLEAN workshop cleaner

Product description:
Universal cleaner for removing oily contamination from almost any surface, soluble in water!

Field of Application:
For cleaning e.g. oily or heavily soiled workshop floors, machines, tools or other components. Also suitable for cleaning engines!

arecal OEL CLEAN can be used undiluted or diluted up to 1:20. Spray onto the soiled components, allow to work briefly, then rinse or wipe off. Also suitable for use in high-pressure cleaners.

The product is poorly emulsifying, i.e. oil separators are not impaired!

Advice:
Do not use on painted surfaces subject to intense heat or strong sunlight as streaking may occur. Prevent contact with aluminium surfaces or conduct a test with the diluted product beforehand



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 5	arecal OEL CLEAN canister	5 l		1 PCS
0895 51	arecal OIL CLEAN 1 litre	1 l	6	1 PCS

arecal Burner Clean burner cleaner

Product description:
Aerosol solvent cleaning agent based on a mixture of organic solvents

Application area:
Spray onto the components being cleaned and leave to work. Loosen heavy deposits using a brush, rinse off loosened contamination using a spray jet. Collect the solvent runoff.

Field of Application:
Removes oil, grease, soot and other contamination from burner components such as nozzle fittings, baffle plates, fan wheels, interior housings, starter electrodes, boiler casings and other metal components.

Advice:
Keep away from sources of ignition and do not smoke. Before using the cleaner, always switch the burner and boiler off at the main switch. Ensure adequate ventilation is provided during use. The system may only be put back into operation once the solvent has completely evaporated and with the equipment room well-ventilated.



Art. No.	Type description	Contents	Packaging unit (VPE)
0895 016 400	arecal Burner Clean spray can	400 ml	1 PCS

arecal Inox Cleaner stainless steel cleaner

Product description:
Cleaning product for use on stainless steel surfaces.

Field of Application:
Ideal for surfaces made from stainless steel, anodised and enamelled metal surfaces and non-ferrous base metals. Inox Cleaner powerfully removes dirt, as well as greasy and oily residues.

Advice:
spray arecal Inox Cleaner onto the soiled surface, allow to act and thoroughly clean with a cloth. Use a sponge or soft brush if necessary to support the cleaning process. Then treat the cleaned area with arecal Inox Finish.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 112 500	Inox Cleaner plastic bottle	500 ml	6	1 PCS

arecal Inox Finish stainless steel care

Product description:
Care spray for all stainless steel surfaces and components made from chrome, brass and aluminium.

Field of Application:
"arecal Inox Finish removes minor contamination such as dust, cleaning streaks and fingerprints. Can be used on stainless steel, chrome, brass, anodised and enamelled metal surfaces. arecal Inox Finish is primarily suitable for larger surfaces due to its oily nature."

Advice:
For an optimal result, the product should be sprayed only onto dry surfaces and then wiped with a soft cloth.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 110 10	Canister	10 l		1 PCS
0895 111 400	Inox Finish spray can	400 ml	15	1 PCS

arecal Inox Polish, tube

Product description:
arecal Inox Polish is a special product for cleaning and polishing stainless steel.

Field of Application:
All untreated stainless steel surfaces.

Advice:
Apply a thin film of arecal Inox Polish and polish with a soft cloth in a circular motion until black residue appears. Then polish to a high gloss with a clean cloth. We recommend arecal Inox Cleaner for removing the polishing residues. For a longer-lasting lustre, follow up with arecal Inox Finish.



arecal Insider, interior cleaner

Product description:
Universal cleaner for vehicle interiors.
The product cleans almost all of the surfaces inside the vehicle gently yet thoroughly

Advantages:
- Thanks to antistatic additives, the product provides temporary protection against dust

Field of Application:
Cleans fittings, seats, roof interiors etc.
The product removes nicotine residues and leaves behind a pleasant aroma of peaches.

Advice:
For optimum foaming, shake the can well before use.
Spray the product evenly over the surface to be cleaned from a short distance.
For sensitive surfaces, it is better to spray the product onto a clean cloth and wipe the surfaces to be cleaned.
When cleaning fabrics and textiles, massage in the foam and remove with a



brush or vacuum cleaner shortly after application.

Do not use on hot surfaces or in direct sunlight. Check materials for compatibility before use.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 215 400	arecal Insider, interior cleaner	400 ml	15	1 PCS

arecal Fresh Air cockpit spray

Product description:
Cockpit spray with new car scent

Field of Application:
This silicone-free cockpit spray is well-suited for approving the appearance of the passenger interior.
A silky, matte lustre appears after spraying on; it is recommended to additionally rub with a soft cloth.
The product is very well suited for all plastic parts in the car interior and for rubber mats

Advice:
For best results, spray the product onto a clean cloth and rub onto the surfaces being treated.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 011 400	arecal FRESHAIR, cockpit spray	400 ml	12	1 PCS

arecal boiler cleaner

Product description:
arecal boiler cleaner is a ready-to-use cleaner for oil-fired boilers.

Field of Application:
"Dissolves and removes rust, even the hardest sulphate deposits and non-combustible residues.
Cleans automatically, quickly and thoroughly.
User-friendly, material-friendly and environmentally friendly.
Ensures optimal heat transfer and profitability of the system and saves heating costs."

Advice:
"Spray the contaminated burner chambers with the product. After allowing to work for a few moments, fire the boiler for approx. 10 minutes. Then vacuum or sweep out incombustible deposits.
Switch off the system before spraying with the product!
Do not spray the burner or electrical systems!
Ensure sufficient chimney draught is present during use!

Can contents sufficient for cleaning a boiler with typical contamination up to 30,000 kcal/35 kW."



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 710 500	arecal boiler cleaner spray can	500 ml	12	1 PCS
0895 710 5	Canister	5 l		1 PCS

arecal gas furnace cleaner

Product description:
Cleaning product for removing deposits in heating systems.

Field of Application:
Removes ashes and other environmental deposits. Also suitable for gas condensing boilers. Spray between the lamellar blocks or onto the heating surfaces and allow to work (approx. 1 minute). Then start the system and allow to burn through. Dissolves ashes and converts them chemically.

Advice:
Switch off the system before spraying with the product! Do not spray the burner or electrical systems. Ensure sufficient chimney draught is present during use.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 810 500	arecal furnace cleaner spray can	500 ml	12	1 PCS
0895 810 5	Canister	5 l		1 PCS

arecal quick disinfectant

Product description:
arecal alcoholic quick disinfectant is a quick-use product for temporary disinfection of surfaces and for quickly disinfecting hands

Field of Application:
Surface disinfection in public toilets
Hand disinfection, particularly in the cold and flu season

Due to the handy container size, arecal alcohol-containing quick disinfectant is ideal while travelling and for installation work.
The product contains a rapidly evaporating secondary alcohol and evaporates almost entirely without residues.
- Has a pleasant mild citrus aroma

Advice:
Spray surfaces with arecal alcoholic quick disinfectant and leave to work for at least 60 sec. or wait until the product has evaporated.
To temporarily disinfect hands, spray them with the product and wait until they have dried (approx. 60 sec.); during this time, make washing motions with the hands and ensure that the areas between the fingers are also moistened with the product.



Art. No.	Type description	Contents	Packaging unit (VPE)
0895 915 075	arecal quick disinfectant	75 ml	6 PCS

arecal Derma Top protective skin foam

Product description:
Foam for protecting the skin from aggressive substances

Advantages:
- This protective hand foam protects against harmful agents and irritants in aggressive chemical substances, dirt, ink, paints, oil, solvents, acids, alkalis, tar, varnish, dyes and pigments, bitumen, lime, cement, soot and adhesives. The product is waterproof and forms a non-greasy protective film. Protects for up to 6 hours. Dermatologically tested. Natural skin functions such as perspiration, breathing and sensitivity all remain unimpaired.



Field of Application:
The product can be used in workshops, chemical processing companies, companies processing mineral oils, the food processing industry - practically all sectors in which skin protection is required.

Advice:
Does not protect against heat or physical influences.
Not a replacement for work gloves.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 913 200	arecal Derma Top spray can	200 ml	12	1 PCS

arecal Derma Clean skin cleaning foam

Product description:
For washing hands on the go or at work without requiring water.

Advantages:
- Kind to the skin, prevents skin from cracking when working in cold, dry weather. Leaves a thin protective film on the skin that can be removed by rinsing with water if necessary.



Field of Application:
Dissolves stubborn dirt such as oil, grease, paint, varnish, ink, Indian ink etc. without requiring water.
Easy to use - instant effect!

Advice:
Shake can before use, hold upright whilst spraying, apply hand cleansing foam to hands, work in thoroughly, wipe off using a clean cloth. Use sparingly, apply thinly.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 914 200	arecal Derma Clean spray can	200 ml	12	1 PCS

arecal Derma Care skin care foam

Product description:
Hand care foam for after work.

Advantages:
- The hand care foam penetrates the skin deeply and forms a non-greasy, invisible protective film. Protects the skin with added vitamin A and D-panthenol
- Liposomes improve the hydration and surface structure of the skin.

Field of Application:
The product can be used in workshops, chemical processing companies, companies processing mineral oils, the food processing industry - practically all sectors in which skin protection is required.

Advice:
Shake can well before use. After finishing work, spray on the hand care foam and massage into the hands. Make sure thumbs and fingertips are not missed. Allow to work for two minutes. The product can, of course, also be used before starting work.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 915 200	arecal Derma Care spray can	200 ml	12	1 PCS

arecal silicone spray

Product description:
For preserving all plastic parts, also usable as an anti-friction, separating and lubricating agent

Field of Application:
Protection and care product for plastics, rubber and metal.
Gives plastic parts (e.g. bumpers, radiator grilles, spoilers, protective strips, vinyl car roofs etc.) a high gloss and prevents them from cracking.
Rubber parts (e.g. rubber door and bonnet seals, rubber buffers, impact strips, radiator hoses, etc.) are protected; they do not become brittle and do not freeze or stick.

The product impregnates folding roofs and convertible tops. It has an antistatic effect, i.e. repels dust. Protects electrical contacts against moisture. Lubricates sliding roof and seat rails, etc.

Prevents annoying creaking and squeaking sounds, particularly between different materials (e.g. metal/plastics).
Can be used as an assembly aid, e.g. for hose connections or when pulling in cable.
Versatile uses as a mould separating agent.

Advice:
Important in the winter season, e.g. on all door and window seals



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 312 500	Silicone spray can	500 ml	15	1 PCS

arecal POWAIR compressed gas spray

Product description:
Compressed air spray for cleaning and dusting devices in hard-to-reach spots.

Field of Application:
For cleaning and dusting devices in hard-to-reach spots; for electrical modules, keyboards, optics, housings, cameras, lenses, projectors; for maintenance tasks on EDP devices, copiers, printers; for medical and measuring technology, model building, vehicle electronics, magnetic tapes and heads; suitable for switch cabinets

Advice:
When spraying, always hold the can in a vertical position; do not turn by 180° and spray upside down. Spraying upside down causes a freeze effect which cools materials to -30°C!
Optimum can pressure is maintained by actuating the spray head at brief intervals.



Art. No.	Contents	Package size	Packaging unit (VPE)
0895 911 400	400 ml	6	1 PCS

arecal Rostex rust remover

Product description:
Extremely high penetration penetrating oil with special additives (OMC²).

Advantages:
arecal Rostex offers decisive advantages due to the addition of OMC² technology additives:
1. Extremely high penetration and speed of the product saves time.
2. The additives also lubricate and reduce wear on the treated parts.
3. Long-lasting corrosion protection as the contained oils evaporate slowly.

Field of Application:
For dismantling rusted-tight, burned-on and stuck-together parts
On screws, bolts, fittings, guides, levers, slide rails, bearings. Remedies squeaking, creaking and jamming. To protect against corrosion and wear. At every inspection and repair.



- Rust-loosening, rust-dissolving, corrosion protecting
- High creeping and penetrating ability
- Actively washes and rinses
- Effectively displaces dampness and moisture
- Cares and protects
- Does not become gummy or sticky
- Compatible with paint, rubber and plastics
- Penetrates below rust and loosens already seized screws
- Lasting protection from further rusting

Art. No.	Type description	Contents	Packaging unit (VPE)
0896 610 5	Canister	5 l	1 PCS
0896 011 300	Spray can	300 ml	12 PCS

arecal RUSTSHOCK rust remover

Product description:
arecal Rustshock is a rust remover with exceptionally high creeping capacity and icing effect.

Advantages:
- Does not become gummy or sticky
- Penetrates under rust and loosens already seized screws

Field of Application:
arecal RUSTSHOCK loosens all types of rusted screw threads.
The outstanding penetration capacity of the product enables it to penetrate into the corroded screw connection and release it using the cold shrink effect. The connection can then be easily unscrewed without needing heavy-duty tools!

For dismantling rusted-tight, burned-on and stuck-together parts without destroying them
On screws, bolts, fittings, guides, levers, slide rails, bearings
For maintenance, inspection and repair

Advice:
By cooling (icing) the sprayed material surface down to -45°C, micro-fine cracks appear at the connection points in the corrosion layer, which break up the rust and thus guarantee better penetration of the active ingredient.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 311 400	Spray can	400 ml	12	1 PCS

arecal Ultra multifunction oil

Product description:
Multifunction oil for a variety of applications.

Field of Application:
"arecal Ultra cleans and cares for plastic parts, machines, systems and tools of all types.
areca Ultra can be used as a contact spray, as corrosion protection for bare metals; prevents corrosion on electrical components, cable connections, relays and couplings; lubricates locks, hinges, bushes, cranks and shafts; releases rusted bolts, pipe fittings, screws, nuts and joints.
arecal Ultra is suitable for elevator doors and units, automatic garage doors, window locks and hinges, blinds, door locks, door pivots, latches and door hinges. Also for the care of tools, gardening equipment, shears, lawnmowers, bicycle chains, mopeds, for wheel bearings and bottom brackets, brake levers, chain pinions, pulleys, angling equipment, electrical contacts, suspensions, gears, spark-plug connectors, Bowden cables, seat rails etc."



Art. No.	Type			Lubricant system	Smell/	Shelf life from	Silicone-free	Acid-free	Resin-free	AOX-free	Package size	Packaging unit (VPE)
0896 621 500	arecal Fillup refillable can	500 ml	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes		1 PCS
0896 621 5	Canister	5 l	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes		1 PCS

Art. No.	Type			Lubricant system	Smell/	Shelf life from	Silicone-free	Acid-free	Resin-free	AOX-free	Package size	Packaging unit (VPE)
0896 115 100	RECA arecal Ultra spray can	100 ml	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes		12 PCS
0896 115 400	RECA arecal Ultra spray can	400 ml	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes	12	1 PCS

arecal Nix multifunction spray

Product description:
Multifunction spray for a variety of applications.

Field of Application:
arecal Nix cleans and cares for plastic parts, machines, systems and tools of all types.
areca Nix can be used as a contact spray, as corrosion protection for bare metals; prevents corrosion on electrical components, cable connections, relays and couplings; lubricates locks, hinges, bushes, cranks and shafts; releases rusted bolts, pipe fittings, screws, nuts and joints. It is suitable for elevator doors and units, automatic garage doors, window locks and hinges, blinds, door locks, door pivots, latches and door hinges. Also for the care of tools, gardening equipment, shears, lawnmowers, bicycle drive chains, mopeds, for wheel bearings and bottom brackets, brake levers, chain pinions, pulleys, angling equipment, electrical contacts, suspensions, gears, spark-plug connectors, Bowden cables, seat rails etc.



Art. No.			Lubricant system	Smell/	Shelf life from	Silicone-free	Acid-free	Resin-free	AOX-free		Package size	Packaging unit (VPE)
0896 116 400	400 ml	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes	Aerosol can	12	1 PCS
0896 116 412	400 ml	Mineral oil	Oil	Characteristic	24 Month	Yes	Yes	Yes	Yes	Aerosol can		1 PCS

arecal Long Lub high-pressure adhesive lubricant

Product description:
Lubricant with outstanding creeping and gap-penetration capabilities, combined with very good adhesive properties.

Advantages:
- Solvent-free

Field of Application:
Suitable for universal lubrication, especially for fast-running drive chains of all types, and for open or semi-open operation and under high pressure stresses. Allows long-term internal and external lubrication of roller chains such as motorcycle or multi-row forklift chains and single or multiple plate-link chains, without lubrication equipment.

Advice:
Resistant in a temperature range of -30°C up to +200°C



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 213 400	arecal Long Lub	400 ml	15	1 PCS

arecal Long Lub Basic high-pressure adhesive lubricant

Product description:
Lubricant with outstanding creeping and gap-penetration capabilities, combined with very good adhesive properties.

Advantages:
- Treated parts receive outstanding corrosion protection.

Field of Application:
For use with fast-running drive chains and for open or semi-open operation without separate re-lubricating equipment.
Allows long-term internal and external lubrication of roller chains as well as multi-row forklift chains and single or multiple plate-link chains.
arecal Long Lub Basic offers strong wear protection and resistance to water.

Advice:
Cleaning of all lubricant residues and dirt from sliding surfaces should be a matter of course.
Shake can thoroughly before use. Spray surface from approx. 20 cm away. Wait for penetration and spray again if necessary. Put chain into operation approx. 10 min. after spraying and ventilating.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 214 400	arecal Long Lub Basic	400 ml	15	1 PCS

arecal Biocut drilling and cutting aid

Product description:
High-quality drilling and cutting oil.

Advantages:
- Plant-based lubricant

Field of Application:
Ideal for turning, milling, sawing and thread cutting on all types of steel, stainless steel, cast steel, titanium and other non-ferrous metals. Has a cooling and lubricating effect.
Increases tool life considerably.
Free from petroleum components. BIO product.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 413 400	Biocut spray can	400 ml	15	1 PCS
0896 630 10	Canister	10 l		1 PCS

arecal Foamcut cutting fluid foam

Product description:
arecal Foam Cut cutting oil foam is a strongly activated high-performance cutting oil for the most difficult metal cutting tasks, and produces an oil foam with good adhesion when applied to the workpiece.



Advantages:
- The product is sulphur-free and free of petroleum products.
- Because it can be easily washed off with clear water, laborious de-greasing work with organic solvents, for example, is unnecessary.

Field of Application:
arecal Foam Cut is outstanding for:
Thread cutting
Screw tapping
Centring
Broaching and reaming with reamers
Drilling and milling
The range of applications covers all metals, ferrous and non-ferrous, e.g. steel, unalloyed and alloyed, all types of castings: steel casting, malleable iron, high-pressure die casting, as well as copper and copper alloys, such as brass casting, red bronze and also for all chromium-nickel alloys.

Advice:
The special formulation of arecal Foam Cut guarantees good compatibility with all water-miscible cooling lubricants.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 414 400	arecal Foamcut drilling and cutting fluid	400 ml	12	1 PCS

arecal cutting oil

Product description:
"arecal DVGW drilling and cutting oil is a petroleum-free, synthetic thread cutting agent for installing drinking water supply systems on-site and on a construction site.
DVGW permit: Test number DW-201AU2306."



Advantages:
- Died red according to DVGW regulations and easily removed, so that drinking water does not have any change in appearance, taste and odour after rinsing.

Field of Application:
Primarily for use on drinking water lines.

Advice:
The use of conventional petroleum-based thread cutting agents is not permitted in drinking water supply systems, since the oil cannot be washed out

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 411 10	Canister	10 l		1 PCS
0896 411 400	Cutting oil spray can	400 ml	15	1 PCS

arecal coolant concentrate

Product description:
Water-soluble, emulsifying coolant

Advantages:
Meets TRGS 611 requirements.
Application concentration:
General chipping tasks: 1:20 (5%)
Heavy machining
(e.g. high-alloy steels): 1:10 (10%)

Field of Application:
For metal-cutting procedures in separately and centrally supplied machine tools when machining cast materials, steels, aluminium and non-ferrous metals. Long-term stability, outstanding corrosion protection, good lubrication, good resistance to micro-organisms. Suitable for lathes, milling machines and drills, NC and CNC machines and circular saws, band saws and hacksaws. The product is chlorine-free.



Art. No.	Type description	Contents	Packaging unit (VPE)
0896 600 10	arecal coolant concentrate canister	10 l	1 PCS

arecal coolant stick

Product description:
High-quality cutting grease in practical 350 g cardboard cartridge

Advantages:
- Economical and easy to use
- Excellent lubrication and cooling
- Extends the service life of tools

Field of Application:
For lubricating and cooling metal saw blades
Ideal for thread cutting, tapping etc.
Excellent surface grinding results
Suitable for all types of metal



Art. No.	Type description	Weight per packaging unit	Packaging unit (VPE)
0896 600 350	arecal coolant stick	350 g	1 PCS

arecal Tef Clear PTFE lubricating spray

Product description:
Synthetic, strongly adhesive specialist lubricant with *PTFE.
*PTFE = PolyTetraFluoroEthylene

Advantages:
- Well suited for rotating parts

Field of Application:
arecal Tef Clear is suitable for lubricating all sliding surfaces, splined shafts, cardan joints, universal joints, spindles, guides, transport chains and cogs, particularly in dusty environments!
Guarantees a greaseless seal over the entire treated area!

Advice:
Must not be exposed to temperatures above 300°C.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 711 400	Spray can	400 ml	6	1 PCS

arecal Thermo 800 copper paste spray

Product description:
Abrasion-proof, temperature-resistant, copper-based specialist lubricant. The product prevents wear and seizing and provides long-term corrosion protection.

Advantages:
- Extremely resistant to high pressures and high temperatures.

Field of Application:
On shafts and axles, gears, cranes, slide tracks and guide rails, stud bolts, all rotating and connecting parts, shut-off valves etc.
For battery terminals and connections, rotary linkages, wheel bolts and nuts.
Withstands practically all mechanical and most chemical influences and is resistant to washing out by fresh or salt water, strong alkali solutions, most chemical vapours, road salt, water vapour etc.







Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 513 400	arecal THERMO 800 spray can	400 ml	6	1 PCS

arecal Thermo 1200 lubricant

Product description:
Abrasion-proof, temperature-resistant, aluminium-based specialist lubricant that protects screw connections from wear and prevents them from seizing.

Advantages:
- The product offers long-term corrosion protection,
- temperature resistant from -180 to +1200°C

Field of Application:
For shafts and axles, gears, cranes, slide tracks and guide rails, stud bolts, all swivelling and connecting parts, shut-off valves etc.

Battery terminals and connections, rotary linkages, wheel bolts and nuts etc.

Withstands practically all mechanical and most chemical influences and is resistant to washing out by fresh or salt water, strong alkali solutions, most chemical vapours, road salt, water vapour etc.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 512 400	arecal THERMO 1200 spray can	400 ml	6	1 PCS

Copper paste

Product description:
PolyButylCuprysil is a universal paste for use as an anti-seize compound, assembly paste, screw paste, release agent, lubricant, high-pressure and high-temperature grease.
Paste is not electrically conductive.

Advantages:
Graphite-free



Field of Application:
Prevents wear, lubricates and seals

Art. No.	Type description	Contents	Packaging unit (VPE)
0898 001	Tube	100	1 PCS

arecal Weldspray welding spray

Product description:
arecal welding release agent is a silicone-free, water-based release agent for welding technology based on highly active water-soluble substances.

Advantages:
- Silicone-free and non-flammable, easily painted over after prior cleaning

Field of Application:
"arecal Weldspray is an aqueous release agent for welding technology.
It prevents weld spatter from sticking to torch heads, workpieces and robots, and increases the torch service life considerably."

Advice:
"Clean workpieces of any residues and spray surfaces lightly and evenly along the future welding seam.
For protective gas welding, spray the nozzle and the jacket from time to time



with the device switched off, so that weld spatter cannot stick.

When spraying, please also observe the following:
Protect can from weld splatter: 20 to 30 cm spraying distance.
For hollow parts and in tight spaces thoroughly ventilate after spraying; only then begin the welding process.
Only for use before welding and with sufficient ventilation.
Set spray cans down outside the welding area. Use during the welding process is prohibited for safety reasons

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 011 400	arecal Weldspray can	400 ml	12	1 PCS
0897 610 10	Canister	10 l		1 PCS

arecal Weldspray Eco welding spray

Product description:
arecal Weldspray Eco welding release agent is a silicone-free release agent for welding technology based on highly effective fatty oils.



Advantages:
- Silicone-free
- prevents weld spatter from sticking and considerably increases torch service life.
- The release agent does not run and is therefore also suitable for vertical surfaces.

Field of Application:
arecal Weldspray Eco is a wax-like release agent for welding; silicone free and non-flammable;
Apply release agent to a clean workpiece surface and/or spray in the gun opening. If the workpieces are to be post-treated, (e.g. galvanised, hot galvanised, painted, etc.) perform a test in advance and clean if necessary.

Advice:
When spraying, please also observe the following:
- Protect can from weld splatter: 20 to 30 cm spraying distance.
- For hollow parts and in tight spaces thoroughly ventilate after spraying; only then begin the welding process.
- Only for use before welding and with sufficient ventilation.
- Set spray cans down outside the welding area. Use during the welding process is prohibited for safety reasons

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 012 300	arecal WELDSPRAY ECO spray can	300 ml	12	1 PCS

arecal Galva Zinc Premium zinc spray

Product description:
arecal Galva Zinc Premium is a zinc/aluminium combination spray with excellent suitability for touching up hot-dip galvanised parts on construction sites or in workshops



Advantages:
- The epoxy resin ester binder, in combination with the metallic zinc and aluminium pigment, guarantees good corrosion protection even in aggressive atmospheres.
- With suitability test as per DIN EN ISO 1461
- dust-dry: approx. 10 min
- dry to touch: approx. 30 min.

Field of Application:
Has an optimally suitable shade for all touch-up work; can be painted over easily; temperature resistant to 300°C

Thoroughly shake can until mixing balls are clearly audible. Clean the parts being worked on and spray several times from a distance of 15 to 20 cm. The product contains over 90% zinc in the dry film.
In conformity with EN ISO 1461, the layer thickness of the touch-up area should be 30 µm thicker than the locally encountered thickness of the hot-dip galvanisation. Take brief pauses between individual spray processes for intermediate drying.

Advice:
The metallic surface should be as clean as possible, according to EN ISO 8501. Any substances that could impair the adhesion to the surface should be removed.
The surface must be dry and free from dust or grease.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 114 400	arecal GALVA ZINC PREMIUM spray can	400 ml	15	1 PCS

arecal Galva Zinc Basic zinc spray

Product description:
arecal Galva Zinc Basic is a zinc/aluminium combination spray with excellent suitability for touching up hot-dip galvanised parts on construction sites or in workshops.



Advantages:
- Light colour shade
- dust-dry: approx. 10 min
- dry to touch: approx. 30 min.

Field of Application:
The binder, in combination with the metallic zinc and aluminium pigment, guarantees good corrosion protection.
Good adhesion to iron and zinc surfaces.

Advice:
The corrosion protection achievable is greatly dependent on good pretreatment of the surface. The metallic surface should be as clean as possible, according to EN ISO 8501. Any substances that could impair the adhesion to the surface should be removed. The surface must be dry and free from dust or grease.

Art. No.	Type description	Contents	Packaging unit (VPE)
0897 115 400	arecal GALVA ZINC BASIC spray can	400 ml	24 PCS

arecal Corro Zinc zinc spray

Product description:
Corrosion protection spray with high zinc content

Advantages:
- Highly abrasion resistant, dark grey colour.

Field of Application:
As corrosion protection coating for steel parts

For coating heat-conducting parts

As a conductive protective layer for spot welding

As primer for subsequent painting

As protection from aggressive media

Advice:
Optimal for use as primer



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 116 400	arecal CORRO ZINC spray can	400 ml	15	1 PCS

arecal Alu 800 pure aluminium spray

Product description:
High-quality electrically conductive liquid aluminium spray with 99.5% pure aluminium.

Advantages:
- High temperature resistance up to + 800°C.

Field of Application:
Primarily used in heating, cooling and ventilation work as well as for equipment and enclosure construction, steelwork and metal construction.
Ideal for touching up surfaces including those on heat-conducting components.

Advice:
During spot welding, arecal aluminium spray Alu 800 becomes sintered and thus provides permanent protection from corrosion even in subsequently inaccessible areas.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 122 400	arecal ALU 800 spray can	400 ml	15	1 PCS

arecal Corro Inox stainless steel spray

Product description:
arecal Corro Inox produces a corrosion-resistant stainless steel coating with an alloy analysis of: 18% chromium, 8% nickel, 2% manganese

Advantages:
- Resistant to many acids and bases due to pure chromium-nickel pigment.
- Can be mechanically stressed.

Field of Application:
Ideal for visually touching up weld seams in the vicinity of non-rusting materials, primarily in heating and ventilation work, steelwork and mechanical engineering, and tool and equipment production.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 132 400	arecal CORRO INOX spray can	400 ml	15	1 PCS

Zinc dust paint

Product description:
High-zinc-content touch-up paint for galvanised components; for touching up assembly welding seams on hot-dip galvanised structures.

Field of Application:
2 to 3 coats produces the required coating thickness in line with DIN 50976; dries very quickly; temperature-resistant up to 300°C



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 900	Zink dust paint	500 ml	9	1 PCS

arecal paint sprays, nitro-combination paint

Product description:
Nitro-combination paint sprays

Advantages:
- Good distribution; high yield; rapid, thorough drying

Field of Application:
For metal, wood, ceramics, stone, terra cotta, glass, paper and various plastics
- dust-dry: after 5–10 min.
- dry to touch: after 30–40 min.
- fully dry: after approx. 24 hours

Advice:
All arecal paint sprays and primers are free of heavy metals, i.e. do not contain lead, cadmium or chrome. Do not spray arecal nitro-combination paints on surfaces painted with synthetic resins as it may lift the varnish



Art. No.	Type description	Contents	Packaging unit (VPE)
0897 221 400	PAINT BLACK, gloss	400 ml	6 PCS
0897 211 400	PAINT BLACK, matt	400 ml	6 PCS
0897 281 400	PAINT CLEAR, clear varnish	400 ml	6 PCS
0897 271 400	PAINT ORANGE	400 ml	6 PCS
0897 231 400	PAINT WHITE, semi-gloss	400 ml	6 PCS

arecal paint spray, synthetic resin

Product description:
Synthetic-resin-based paint spray

Advantages:
- Excellent distribution; scratch-resistant; high gloss

Field of Application:
For metal, wood, ceramics, stone, terra cotta, glass, paper and various plastics
- dust-dry: after 20 min.
- dry to touch: after 30-40 min.
- fully dry: after 12 hours

Advice:
All arecal paint sprays and primers are free of heavy metals, i.e. do not contain lead, cadmium or chrome.



Art. No.	Type description	Contents	Packaging unit (VPE)
0897 241 400	PAINT SILVER	400 ml	6 PCS

arecal primer

Product description:
Primer for wood, metal, stone, glass, etc.; creates a cohesive, smooth surface

Advantages:
- High yield; quick-drying; creates a smooth, sealed surface

Field of Application:
For metal, wood, ceramics, stone, terra cotta, glass, paper
- dust-dry: after 20 min.
- dry to touch: after 90 min.
- fully dry: after 12 hours

Advice:
All arecal paint sprays and primers are free of heavy metals, i.e. do not contain lead, cadmium or chrome.
Binder: Nitro combination resins
Do not spray onto surfaces painted with synthetic resins since the paint may bubble up.



Art. No.	Type description	Contents	Packaging unit (VPE)
0897 251 400	PAINT BASIS, pale grey	400 ml	6 PCS

arecal Ruststop Primer

Product description:
Primer

Advantages:
- High yield; quick-drying; creates a smooth, sealed surface

Field of Application:
For metal, wood, ceramics, stone, terra cotta, glass, paper
- dust-dry: after 20 min.
- dry to touch: after 90 min.
- fully dry: after 12 hours

Advice:
All arecal paint sprays and primers are free of heavy metals, i.e. do not contain lead, cadmium or chrome.
Binder: Nitro combination resins
Do not spray onto surfaces painted with synthetic resins since the paint may bubble up.



Art. No.	Type description	Contents	Packaging unit (VPE)
0897 261 400	ROSTSTOP PRIMER, red brown	400 ml	6 PCS

arecal Marker 360° marking spray

Product description:
Fluorescent marking spray with all-round application (360° application)



Advantages:
- High luminosity
- Good adhesion
- Outstanding covering power
- Good weathering resistance
- Quick drying
- With KWF approval

Field of Application:
arecal MARKER 360° is primarily suitable:
In interior construction for marking „clean" lines and for marking wall openings
Very suitable in forestry and agriculture for marking wood, since the paint dries extremely quickly, is non-sticky and is highly pigmented
With writing spray head for clear marking, e.g. marking trees.
Can be sprayed in any position thanks to special valve.

Advice:
This product is a temporary marking paint (of limited durability) and is not recommended for road and/or car park markings.

Art. No.	Type description	Contents	Packaging unit (VPE)
0897 332 500	arecal MARKER 360° blue	500 ml	12 PCS
0897 353 500	arecal MARKER 360° green	500 ml	12 PCS
0897 322 500	arecal MARKER 360° pink	500 ml	12 PCS
0897 352 500	arecal MARKER 360° red	500 ml	12 PCS
0897 342 500	arecal MARKER 360° white	500 ml	12 PCS
0897 312 500	arecal MARKER 360° yellow	500 ml	12 PCS

arecal Marker USD Premium, marking spray

Product description:
arecal Marker USD, the classic construction marker with excellent adhesion to asphalt, concrete, stone, soil and wood.



Advantages:
- With twist-off cap
- Clean spraying
- Won't spray your fingers!
- Can secured against unintentional spraying by twisting the cover closed (important for transportation)

Field of Application:
Can be used for floor or overhead marking; excellent adhesion to asphalt, concrete, stone, soil, wood; with special spray cap.

Advice:
This product is a temporary marking paint (of limited durability) and is not recommended for road and/or car park markings.

Art. No.	Type description	Contents	Packaging unit (VPE)
0897 483 500	arecal Marker USD, blue	500 ml	12 PCS
0897 493 500	arecal Marker USD, green	500 ml	12 PCS
0897 496 500	arecal Marker USD, orange	500 ml	12 PCS
0897 473 500	arecal Marker USD, pink	500 ml	12 PCS
0897 495 500	arecal Marker USD, red	500 ml	12 PCS
0897 494 500	arecal Marker USD, white	500 ml	12 PCS

Art. No.	Type description	Contents	Packaging unit (VPE)
0897 463 500	arecal Marker USD, yellow	500 ml	12 PCS

Rust converter

Product description:
Converts residual rust into an insoluble iron-tannin complex = a stable, insoluble, blue-black organometallic compound



Advantages:
- Rapid reaction time (max. 3 h)
- Suitable for recoating and filling
- Can be applied using a standard brush
- Emulsion-based, environmentally-friendly version

Application area:
Remove loose rust, varnish, oil or wax residue from the components being treated using a wire brush or similar. Apply one coat of the rust converter by painting, spraying or using a roller; can also be applied to damp surfaces.

Field of Application:
Metal and steel construction, tool manufacturing, bridge building, vehicle construction, shipbuilding, agriculture and forestry, construction machinery etc.

Advice:
Application temperature: +5°C to +40°C
Do not apply in full sun!
Clean equipment with water after use

Package size:
6

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0897 500	arecal Rust Converter	500 ml	6	1 PCS

arecal leak detector

Product description:
Leak detector medium for all types of pressurised gas systems.



Field of Application:
"Universal application for rapid detection of even the smallest leaks in screw connections, valves and gate valves on pressurised piping.
Detects leaks in e.g. supply lines, controllers, tyres and valves; bubble formation indicates leaks.

DIN DVGW registration number NG-5170 AO 0659"

Advice:
Not suitable for use in temperatures below zero.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0894 610 10	Canister	10 l		1 PCS
0894 010 400	Spray can	400 ml	15	1 PCS

arecal sealant smoothing agent

Product description:
Ready-to-use sealant smoothing agent

Advantages:
- Creates smooth, neat joint surfaces
- Facilitates smoothing of sealants
- Joint surface cures more rapidly

Application area:
After applying the sealant, spray on the product and skim using a joint smoother, e.g. RECA FugenProfi, art. no. 0891 730. Remove excess material from glass. The RECA arecal spray bottle, art. no. 0892 600 500, is ideal for applying the product.

Field of Application:
For clean, even smoothing of sealant joints

Advice:
Can lead to corrosion if used to grout steel components. Can cause discolouration on absorbent substrates. Do not apply to water-sensitive or swellable surfaces.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0894 510 5	arecal sealant smoothing agent	5 l		1 PCS
0894 510 400	arecal sealing smoothing agent, can	400 ml	6	1 PCS

arecal Starter starter spray

Product description:
Starter spray for 2-stroke and 4-stroke motors

Application area:
Improves the starting performance of 2-stroke and 4-stroke petrol and diesel motors, particularly in wet and cold conditions.
Spray the product directly into the air filter or intake and start the motor.

Field of Application:
Ideal for motors with recoil starters such as motor boat engines, motor-powered pumps, emergency power generators, construction machinery etc.

Advice:
After several unsuccessful starting attempts, check for other possible causes of malfunction before using the starter spray again. Do not store the product in the vicinity of heating outlets or other heat sources in vehicles.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0894 020 300	arecal Starter starter spray	300 ml	6	1 PCS

arecal Multi Glue spray adhesive

Product description:
Contact adhesive for gluing light materials.

Field of Application:
Multi Glue reliably bonds polystyrene, foam rubber, felt, paper, cardboard, wood, metal and many plastics to one another and one on top of the other. The product achieves its final strength after approx. 24 hours.
Processing time is between 5 and 15 minutes.

Advice:
Shake spray adhesive well before use. The surfaces being glued must be free of grease and dust. For absorbent substrates, increase the amount of adhesive applied. Optimum spraying distance is approx. 20–25 cm. When using as a contact adhesive, spray on both components; leave for approx. 5 to 10 minutes; then fit the components together precisely. Their positions cannot subsequently be corrected.

Suitability of the adhesive for various surfaces must be clarified beforehand by testing.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0894 042 500	arecal Multi Glue, spray adhesive	500 ml	15	1 PCS

arecal Fillup outlet tap

Product description:
Outlet tap for canister

Advantages:
- with venting hose so that medium flows out smoothly

Advice:
Always store canister with screwed-on outlet tap upright, as otherwise leaks may occur after a certain period and the medium may escape!



Art. No.	Type description	Diameter	Packaging unit (VPE)
0892 600 009	Outlet tap for 5-litre canister	45 mm	1 PCS
0892 600 008	Outlet tap for 10-litre canister	51 mm	1 PCS

arecal Fillup station

Product description:

Can be attached to e.g. workbenches using screws

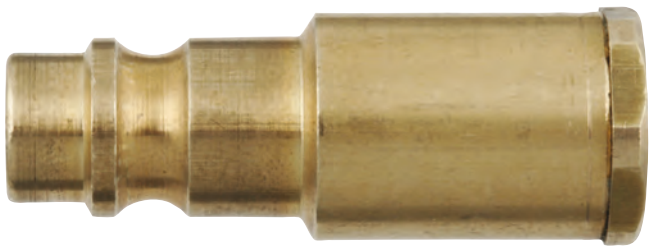
Field of Application:
For filling arecal refillable spray cans:
0894 611 500, 0895 612 500, 0892 613 500, 0895 631 500, 0896 611 500, 0896 621 500, 0896 631 500, 0897 611 500



Art. No.	Type description	Packaging unit (VPE)
0892 700 002	Filling station, stationary	1 PCS

arecal Fillup adapter

Product description:
Compressed air line adapter piece for direct filling of arecal Fillup cans:
0894 611 500, 0895 612 500, 0892 613 500, 0895 631 500, 0896 611 500, 0896 621 500, 0896 631 500, 0897 611 500



Art. No.	Type description	Packaging unit (VPE)
0892 700 001	Filling adapter for Fillup cans	1 PCS

arecal Fillup spare valves and spray heads

Product description:
Spare valves and spare spray heads for arecal Fillup cans



Art. No.	Type description	Packaging unit (VPE)
0892 700 003	Spare parts set for Fillup cans	1 PCS

arecal Pumpup pump spray

Product description:
Pressure pump sprayer for filling with arecal 10-litre canister products.
Capacity 1-litre
nozzle: MS 0.8 mm



Advantages:
- With brass nozzle
- Spray jet adjustable from strong to fine.

Field of Application:
Suitable for all water-based products and for all open products (litre containers) from the RECA arecal product line

Advice:
When filling with third-party products, the product compatibility must be tested in advance by the user!

Art. No.	Type description	Packaging unit (VPE)
0892 600 006	Pressure pump atomiser for 1 litre of fluid	1 PCS

arecal spray bottle, empty

Product description:
Spray bottle with pistol grip.
Capacity 05-litre
nozzle: MS 0.4 mm



Advantages:
- Spray jet adjustable from strong to fine.
- Tightly closable, therefore no risk of leakage when transporting, e.g. by tipping over
- with brass nozzle

Field of Application:
Mainly for RECA arecal sealant smoothing agent, art. no. 0894 510 5

Advice:
Not suitable for acetone-containing liquids, among others!
When filling with third-party products, the product compatibility must be tested in advance by the user!

Art. No.	Type description	Packaging unit (VPE)
0892 600 500	Spray bottle with atomiser for 500 ml of fluid	1 PCS

arecal extension for pump spray

Product description:
Extension pipe for arecal Pumpup



Advantages:
- with brass nozzle

Field of Application:
Primarily for use in difficult-to-access places such as heating boilers etc.

Advice:
Length: 30 cm

Art. No.	Type description	Packaging unit (VPE)
0892 600 005	Extension for pump atomiser	1 PCS

Marking wand

Product description:
Marking wand for all arecal Marker USD sprays:
0897 364 500, 0897 374 500, 0897 384 500
0897 463 500, 0897 473 500, 0897 483 500, 0897 493 500, 0897 494 500,
0897 495 500, 0897 496 500



Art. No.	Type description	Packaging unit (VPE)
0897 399 1	Marking wand for Marker USD and Marker USD Basic	1 PCS

Marking gun

Product description:
Marking pistol for all arecal Marker USD sprays:
0897 364 500, 0897 374 500, 0897 384 500
0897 463 500, 0897 473 500, 0897 483 500, 0897 493 500, 0897 494 500,
0897 495 500, 0897 496



Art. No.	Type description	Packaging unit (VPE)
0897 399 2	Marking pistol for Marker USD and Marker USD Basic	1 PCS

arecal spray can set

Product description:
The arecal 9-piece set consists of nine popular products from the arecal spray can range:

arecal Uniclean Plus, universal foam cleaner
arecal silicone spray
arecal Weldspray ECO, welding spray with dry release film
arecal Topclean, label remover with natural citrus scent
arecal Long Lub, high-pressure adhesive lubricant with extremely high penetration and long-term lubrication
arecal Novaclean, instant-effect universal cleaner and brake cleaner with acetone content
arecal Inox Finish, stainless steel cleaning agent
arecal Rostex, rust remover with special penetrating additives
arecal Biocut, drilling and cutting fluid based on rapeseed oil



Art. No.	Type description	Packaging unit (VPE)
0896 700 009	Set of 9 different arecal cans	1 PCS

arecal Long Lub H1 high-pressure adhesive lubricant

Product description:
Physiologically inert, synthetic adhesive lubricant for the food, drink and pharmaceutical industries in line with USDA H1.

Advantages:
Produces a film resistant to spray and salt water with extraordinary corrosion protection.
Thixotropic properties prevent running.
Minimises wear and friction.
Solvent-free, physiologically harmless and non-toxic formula.
- User friendly and environmentally friendly.

Field of Application:
For lubricating chains, ropes, open gear drives, levers, joints, linkages, hinges, sliding points and bearings for which there is a danger of direct contact between the lubricant and foodstuffs.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 215 400	arecal Long Lub H1 spray can	400 ml	6	1 PCS

arecal MFO H1 approved, food-grade lubricating oil

Product description:
Synthetic, physiologically inert, multi-purpose oil for the food industry

Advantages:
- Good penetration
- Colourless, non-staining
- No hazardous materials
- Free from mineral oils
- NSF-registered!

Field of Application:
Lubricating and maintaining connections, chains, seals and all moving components.

Suitable for all applications in which the use of physiologically harmful products based on mineral oils is undesirable or prohibited



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0896 216 400	arecal MFO H1 spray can	400 ml	6	1 PCS

arecal Clean special cleaner with H1 approval

Product description:
Cleaning fluid for use in physiological and ecologically sensitive areas

Advantages:
- Approved!

Application area:
Spray from approx. 20 cm onto the components being cleaned and allow to dry. Rub dry if necessary.

Field of Application:
For cleaning during assembly and maintenance work on machinery, assemblies and tools in critical areas of the food, pharmaceutical, printing and medical industries. Also for applications in which the use of easily and highly flammable cleaners is undesirable.

Advice:
If used in food-related areas, only the minimum quantity technically necessary may be used.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 015 500	arecal Clean H 1 spray can	400 ml	6	1 PCS

arecal Inox Finish stainless steel cleaning agent with H1 approval

Product description:
Care spray, mainly for improving the appearance of materials made from stainless steel in physiologically and ecologically sensitive areas

Advantages:
- Approved!

Application area:
Spray a thin coat onto dry surfaces and polish with a soft, dry cloth. Do not rub until dry.

Field of Application:
For metal surfaces, particularly stainless steel, in metal construction, gastronomy, hospitals, commercial kitchens and the food industry.

Advice:
If used in food-related areas, only the minimum quantity technically necessary may be used.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 115 400	arecal Inox Finish H1 spray can	400 ml	6	1 PCS

arecal silicone spray with H1 approval

Product description:
High-quality, physiologically inert lubricant and release agent.

Advantages:
- Approved!

Application area:
Clean surfaces before treatment. Spray on evenly from a distance of approx. 20 cm.

Field of Application:
Lubricant for all moving components of machines, particularly in the plastics sector. Protects and cares for surfaces.

Advice:
If used in food-related areas, only the minimum quantity technically necessary may be used. If using the product as a corrosion-protection film, it must be removed completely before the device is put back into operation.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0895 313 400	arecal silicone spray H1 spray can	400 ml	6	1 PCS

arecal H1 multi-purpose grease

Product description:
Physiologically inert, colourless grease with a multi-functional combination of additives

Advantages:
- Approved!

Application area:
Apply thinly and evenly to the components being lubricated, as is usual for lubricant greases. Bearings must only be filled to a maximum of half way in high-temperature areas. The operating instructions of vehicle, machinery and assembly manufacturers must be observed!

Field of Application:
For the lubrication and care of machines, plain bearings and anti-friction bearings, for long-term lubrication in wet rooms and areas as well as in critical areas in the food, pharmaceutical, printing and paper industries.

Advice:
If used in food-related areas, only the minimum quantity technically necessary may be used. If using the product as a corrosion-protection film, it must be removed completely before the device is put back into operation.



Art. No.	Type description	Weight	Packaging unit (VPE)
0896 800 400	arecal multi-purpose grease H1 cartridge	400 g	6 PCS

S 25 gun cleaner

Product description:
Polyurethane cleaner for foam gun care after use



Advantages:
- Fits all common guns
- Also usable as spray can due to supplied spray head
- Removes liquid PU residues quickly and reliably
- Also suitable for paint and adhesive residues, grease, oil and wax

Field of Application:
The universal cleaner dissolves fresh polyurethane foam and thoroughly cleans the interior of foam guns.

Advice:
Screw the PU cleaner can and the black adapter gently onto the gun coupling until it stops. Do not tilt the can or overtighten. Carefully pull the gun trigger to remove any remaining foam from inside the gun body. As soon as PU cleaner emerges from the opening of the extension tube, release the trigger. Allow the cleaner to work inside the gun for approx. 1 to 2 minutes. Drain into a container by opening the nozzle (actuate the trigger) until clear PU cleaner emerges. If necessary, repeat this process 2 to 3 times.

Hardened 1C gun foam cannot be removed using universal cleaner even if left to work for an extended period. Do not remove hardened gun foam from the gun body using sharp instruments.
Caution: Universal cleaner can etch or stain substrates so it is advisable to test it in an inconspicuous spot before use.
Please observe the operating instructions for your assembly gun. Please observe the safety instructions on the can and the information on the safety data sheet.
Clean foam guns after every use
Never clean foam guns using water

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0898 225 2	reca S 25 gun cleaner	500 ml	12	1 PCS

S 24 foam sealant

Product description:
S24 foam sealant is a ready-to-use mono-component, self-expanding hard polyurethane foam that has been specially developed for sealing shaft and culvert rings.



Advantages:
Excellent adherence to concrete, plaster, masonry, wood and many plastics
High adhesive strength
Resistant to dilute sulphuric acid, nitric acid, sodium hydroxide, sodium hypochlorite solution, stabilised with sodium hydroxide
Insoluble and waterproof
High resistance to aging and rotting
Propellant does not contain any ozone-depleting components (e.g. CFCs, HCFCs)
Free of formaldehyde/PCB and PCP

Field of Application:
For fitting well shaft collars and concrete pipe elements with rebated joints or tongue and groove joints. For connecting clay and ceramic pipes.

Advice:
Unsuitable for applications under water and for filling larger, closed cavities

without exposure to atmospheric moisture. Foam does not adhere to materials such as polyethylene, silicone, teflon, grease or similar. Cured polyurethane foam is not UV-resistant and must be protected from exposure to UV by being painted over or sealed with sealant (silicone, acrylic, MS polymer). Unsuitable for drinking water wells!
Vertical joints and cavities should be foamed from below and not overfilled.
The general working conditions for PU foams apply.

Art. No.	Type description	Contents	Colour	Package size	Packaging unit (VPE)
0898 224	reca S 24 foam sealant	750 ml	Champagne coloured	12	1 PCS

S 27 1C PU installation foam

Product description:
Moisture-curing, one-component polyurethane foam for processing with an adapter.

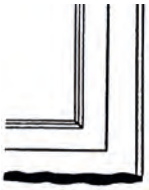


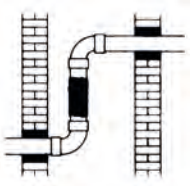
Advantages:
Excellent bonding to almost any conventional construction material, even on damp surfaces.
Fills cavities to the last nook and cranny.
Ideal insulating material, excellent sound and heat insulation, windproof and airtight.
Highly resistant; waterproof, rot-resistant, insoluble.

Field of Application:
Insulating filler for connection joints on windows and roller shutter boxes and for filling wall openings and other cavities.

Advice:
The substrates must be stable, clean and free of dust, grease and release agent. Shake the can vigorously before use (30 times). Moisten the substrate well immediately before applying foam. 1C PU foams require sufficient moisture to cure evenly. Screw in the adapter as far as it will go. When applying the foam, hold the can with the valve downwards. Remove any fresh splashes of foam immediately using PU universal cleaner. Hardened foam can only be removed mechanically.
Please observe the safety instructions on the can and the information on the safety data sheet.
Pre-treat porous and plaster-containing surfaces with primer
Not suitable for PE, PP, silicone, PTFE
Not UV-resistant
Do not use for cavities without access to air
Do not overfill joints and cavities; foam expands by a factor of 2 to 3

Art. No.	Type description	Contents	Colour	Package size	Packaging unit (VPE)
0898 227 2	reca S 27 installation foam	500 ml	Champagne coloured	12	1 PCS





Spare tube for polyurethane foam RECA S 27

Product description:
Spare tube for PU foam cans



Art. No.	Type description	Packaging unit (VPE)
0891 727	Spare tube for PU foam, reca S 27	25 PCS

S 28 2-component frame fixing foam

Product description:
2-component PU frame fixing foam with accelerated reaction and load-bearing capacity

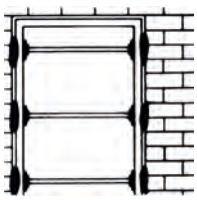


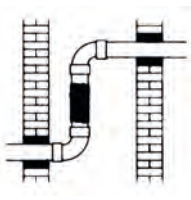
Advantages:
Extremely rapid curing regardless of ambient moisture.
Adheres to all conventional construction surfaces except PE, silicone, release agent etc.
Outstanding soundproofing and insulating properties.
No pre-wetting required
No expansion after curing
No shrinkage

Field of Application:
For installing all types of door frames and windowsills. For filling wall openings and cavities.

Advice:
The substrates must be stable, clean and free of dust, grease and release agent. The ideal application temperature is +20°C. Screw on the adapter. Turn the base disc clockwise at least 5 times until resistance ceases. Hold the can with the valve downwards. Shake the can vigorously at least 30 times. Extrude the foam by pressing the lever. The foam should be of a consistent colour throughout. Shake again if necessary. Important: Can contents must be used within 2–3 min. after activation! (The can may otherwise overheat and burst.) Do not activate the can at temperatures above 25°C. When fitting door frames, brace the frames until the foam has cured. Remove any fresh splashes of foam immediately using PU universal cleaner. Hardened foam can only be removed mechanically.
Please observe the safety instructions on the can and the information on the safety data sheet.
Not UV-resistant!

Art. No.	Type description	Contents	Colour	Package size	Packaging unit (VPE)
0898 228 2	reca S 28 frame fixing foam	400 ml	Green	12	1 PCS





S 29 1C gun foam

Product description:
Moisture-curing one-component polyurethane foam specially developed for use with foam guns

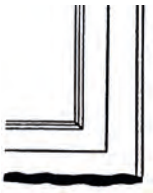


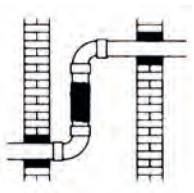
Advantages:
Greatly increased yield
Accelerated curing
Very high adhesive strength
Good thermal and acoustic insulation
Noise protection tested by ift

Field of Application:
Suitable for filling joints on windows and roller shutter boxes and insulating cavities.

Advice:
The substrates must be stable, clean and free of dust, grease and release agent. Dampen dry surfaces with water (spray). The ideal application temperature is +20°C. Observe the operating instructions of your applicator gun. Shake the can at least 30 times before screwing onto the foam gun and after work interruptions. Do not tilt or overtighten when screwing onto the gun. Remove any fresh splashes of foam immediately using PU universal cleaner. Hardened foam can only be removed mechanically.
Unsuitable for PE, PP, silicone, PTFE
Not UV-resistant
Please observe the safety instructions on the can and the information on the safety data sheet.

Art. No.	Type description	Contents	Colour	Packaging unit (VPE)
0898 229 2	reca S 29 gun foam	500 ml	Grey	12 PCS







PURFLEX elastic PU gun foam

Product description:
reca PURFLEX is a newly developed, one-component, highly elastic and externally tested (by MPA Bau Hannover) gun foam for RAL-compliant filling.



Advantages:
Externally tested elasticity of over 30%; rapidly cuttable; good dimensional stability; resistant to rotting, heat and water.
When used as installation foam for soundproof windows, it can achieve an evaluated joint noise reduction value of up to 60 dB.

Field of Application:
For RAL-compliant filling, soundproofing and insulation of window connection joints and filling door frame connection joints. The foam can absorb structural movement more effectively thanks to its high elasticity of over 30%. Excellent adherence to concrete, masonry, stone, plaster, wood, fibre cement, metal and many plastics (polystyrene, PUR rigid foam, polyester, rigid PVC).

Advice:

The substrates must be stable, clean and free of dust, grease and release agent. Dampen dry surfaces with water (spray). The ideal application temperature is +20°C. Observe the operating instructions of your applicator gun. Shake the can at least 30 times before screwing onto the foam gun and after work interruptions. Moisten between applications. Do not tilt or overtighten when screwing onto the gun.
Remove splashes of fresh foam immediately using reca S 25 PU universal cleaner (article no. 0898 225 2). Hardened foam can only be removed mechanically.

Art. No.	Type description	Contents	Colour	Package size	Packaging unit (VPE)
0800 898 000	reca Purflex window frame foam	750 ml	Champagne coloured	12	1 PCS

2C frame fixing foam, propellant-free

Product description:
Two-component PU foam without propellant



Advantages:
Quick to harden
Non-tacky after only 1–2 minutes
Cuttable after only 5 minutes
Final spreading possible after only 20 minutes!
(Conventional propellant foam requires at least 120 minutes)
For quicker, easier and safer working!
Complies with DIN 4102, B 2
No expansion after curing
UV resistant
Resistant to rotting, heat, water and many chemicals

Field of Application:
Ideal for installing door frames

Advice:
Fold mounting tape strips into V shapes and insert at all installation points with the point uppermost. Cut off the two upper components of the mixing tube holder on the cartridge and attach the mixing tube. Insert the cartridge into the gun and pump the lever until the mixing tube is filled. Use an extension hose for deep or narrow joints. After the foam has cured, cut off protruding mounting tape strips and foam.
Use spreaders when installing door frames.

Art. No.	Type description	Contents	Colour	Packaging unit (VPE)
0898 228 1	reca frame fixing foam, propellant-free	210 ml	Champagne coloured	16 PCS

S 17 silicone acetate

Product description:
One-component, vinegar-based antifungal sealant



Advantages:
- As a general rule, S17 adheres even without the use of primer, and delivers outstanding results on a number of surfaces in the construction environment such as glass, glazed surfaces, enamel, porcelain, epoxy, polyester, hard PVC, stainless steel, anodised aluminium and painted wood
- Prevents mould
- UV and weathering-resistant

Field of Application:
For kitchens, bathrooms and showers.
Connection joints for washbasins, bathtubs and shower trays.

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things. Risk of corrosion when used on bare iron and non-ferrous metals.

Application temperature: +5°C to +40°C
temperature resistance after curing: -30°C to 150°C

Art. No.	Type description	Colour	EN standard	Contents	Package size	Packaging unit (VPE)
0898 311 7	reca S 17 silicone acetate	Black	15651-3, 15651-2, 15651-1	310 ml	25	1 PCS
0898 311 9	reca S 17 silicone acetate	Concrete grey	15651-3, 15651-2, 15651-1	310 ml	25	1 PCS
0898 311 8	reca S 17 silicone acetate	Nut brown (morgana)	15651-3, 15651-2, 15651-1	310 ml	25	1 PCS
0898 311 4	reca S 17 silicone acetate	Transparent	15651-3, 15651-2, 15651-1	310 ml	25	1 PCS
0898 311 5	reca S 17 silicone acetate	White	15651-3, 15651-2, 15651-1	310 ml	25	1 PCS

S 18 neutral silicone

Product description:
Silicone sealing compound, neutral-curing, for professional sealing of glass, plumbing fixtures and building structures



Advantages:
- Neutral curing, therefore also suitable for alkaline and metal surfaces.

Field of Application:
In superstructures, as well as glass and window installation

Advice:
Technical data:
Material base: Silicone polymer, unfilled
Crosslinking system: Oxime crosslinking
Density/cm³: approx. 0,99–1,03
Shore-A hardness: approx. 18 +/-5
Skin formation: approx. 8–15 minutes
Smoothing time: up to 25 min.
Curing rate: approx. 1–2 mm per day
Absorption of movements: 25%
Breaking elongation at: approx. 400%
Resilience: >95%
Volume change: < 10%
tensile stress value N/mm²: 0.38

Temperature resistance of the cured sealing compound:
long-term -60 to +180°C
short-term (up to 3 h) -60 to +200°C
Working temperature: approx. +5 to +45°C
Storage temperature: approx. +5 to +30°C
Storage stability: 12 months with unopened cartridge and cool, dry storage

Not suitable for joint-filling under water and for contact with bitumen among other things
NOT compatible with natural stone!

Art. No.	Type description	Colour	EN standard	Contents	Packaging unit (VPE)
0898 312 6	reca S 18 silicone neutral	Black	15651-3, 15651-2, 15651-1	310 ml	25 PCS
0898 312 5	reca S 18 silicone neutral	Concrete grey	15651-3, 15651-2, 15651-1	310 ml	25 PCS
0898 312 4	reca S 18 silicone neutral	Teak	15651-3, 15651-2, 15651-1	310 ml	25 PCS
0898 312 1	reca S 18 silicone neutral	Transparent	15651-3, 15651-2, 15651-1	310 ml	25 PCS
0898 312 2	reca S 18 silicone neutral	White	15651-3, 15651-2, 15651-1	310 ml	25 PCS

S 300 silicone acetate

Product description:
Heat-proof, one-component silicone sealant, acid curing

Advantages:
Temperature-resistant up to +250°C, briefly up to +300°C
Resistant to ageing and UV

Field of Application:
For all seals requiring high thermal load capacities such as in ovens, heaters, air conditioners, washing machines and driers

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things.



Art. No.	Type description	Colour	Contents	Package size	Packaging unit (VPE)
0898 313	reca S 300 high-temperature silicone	Red	310 ml	25	1 PCS

Fugenprofi silicone spatula

Product description:
reca Fugenprofi joint smoothers with 3 special tools:
3.5 and 8 mm for seals not subject to tensile and compressive loads.
11, 12, 14 and 17 mm for joints in floors, walls and ceilings subject to tensile and compressive loads.
Round tool for producing a concave joint finish

Advantages:
- reca JointPro is acid-resistant, abrasion-proof and highly flexible. Silicone does not stick to the workpiece.



Art. No.	Type description	Packaging unit (VPE)
0891 703	reca Fugenprofi	1 PCS

S 13 primer

Product description:
RECA S 13 silicone primer is a clear, yellowish, polyisocyanate-based liquid for silicone with an acetoxy, alkoxy and oxime base designed to boost adhesive properties

Field of Application:
Boosts the adhesive properties of a range of silicone-based sealants on open-pored and closed-pored surfaces. Primarily suited to open-pored and closed-pored surfaces such as concrete, aerated concrete and plaster, RECA S 13 silicone primer is also suitable for boosting the adhesive properties of acrylic sealants.

Advice:
A flash-off time of approx. 30 minutes must be observed.



Art. No.	Type description	Contents	Packaging unit (VPE)
0898 113	reca S 13 primer	250 ml	1 PCS

Angled adapter and sealing caps

Product description:
Screw-fit adapter pieces for commercially available PE cartridges

Advantages:
- As many angled adapters as desired can be connected together to achieve 45° or even 90° angles.

Field of Application:
Angled adapters for use in hard-to-reach spots. Sealing caps can be used to give opened cartridges an airtight seal again.



Art. No.	Type description	Contents	Packaging unit (VPE)
0891 730	Accessory set for silicone cartridges	30	1 PCS





Spare silicone tips

Product description:
Transparent spare tips for expansion joint and joint sealant cartridges



Art. No.	Type description	Packaging unit (VPE)
0891 750	Spare silicone tips	25 PCS

S 10 acrylic sealant

Product description:
For interior sealing joints with low movement absorption

Advantages:
Can be painted over
Can be plastered over

Field of Application:
For sealing joints and connection joints subject to low compression and expansion loads in interior areas; connection joints with limited movement in interior areas and dry wall joints

Advice:
Do not use for expansion joints!



Art. No.	Type description	Colour	EN standard	Contents	Packaging unit (VPE)
0898 112	reca S 10 acrylic	Grey	15651-1	310 ml	25 PCS
0898 110	reca S 10 acrylic	White	15651-1	310 ml	25 PCS

S 11 structured acrylic

Product description:
One-component sealant with a structured, rough surface.

Advantages:
Can be painted over
Can be plastered over

Field of Application:
Mainly suitable for touching up cracks in plastered surfaces. Produces a grainy surface (similar to plaster).

Advice:
If used in exterior areas, protect from rain, dirt and strong mechanical stresses until the surface has hardened; cover the joint if necessary.
Not suitable for grouting expansion joints, use under water or contact with bitumen, among other things. Store in a frost-free place!



Art. No.	Type description	EN standard	Contents	Package size	Packaging unit (VPE)
0898 011	reca S 11 structured acrylic	15651-1	310 ml	20	1 PCS

S 20 Premiumacryl acrylic sealant

Product description:
One-component, acrylic sealant resistant to driving rain for interior and exterior areas with a maximum movement absorption of 20%.

Advantages:
- Resistant to driving rain, neutral odour, free from solvents, isocyanates and silicone

Field of Application:
For sealing connections and joints subject to moderate expansion loads and without constant exposure to moisture; e.g. between concrete, masonry, plaster surfaces, fibre cement, gypsum plasterboard, wood or rigid PVC.

Advice:
S 20 PREMIUM ACRYL must not be used in sanitary areas, on marble/natural stone, in civil engineering, on bituminous or tar-based substrates, substrates that release plasticisers or for joints in permanent contact with moisture (e.g. concrete surfaces in contact with the ground).



Art. No.	Type description	EN standard	Contents	Packaging unit (VPE)
0898 120	reca S 20 Premiumacryl	15651-1	310 ml	25 PCS

S 19 assembly adhesive

Product description:
One-component, emulsion-based assembly adhesive

Advantages:
- Solvent-free therefore compatible with polystyrene

Field of Application:
For gluing wooden doorsills, trims, panels and profiles.

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things.



Art. No.	Type description	Colour	Contents	Package size	Packaging unit (VPE)
0898 419	reca S 19 assembly adhesive	White	310 ml	25	1 PCS

S 78 bond and seal

Product description:
High-quality one-component adhesive and sealant compound based on MS polymer.

Advantages:
- Combined benefits of silicones, polyurethanes and acrylic sealants; 20% movement absorption; free of solvents and isocyanates.

Field of Application:
For bonding e.g. panels, wooden trim, window sills and insulation materials in construction.

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things.



Art. No.	Type description	Colour	Contents	EN standard	Package size	Packaging unit (VPE)
0898 511 3	reca S 78 bond & seal	Black	290 ml	15651-3, 15651-1	12	1 PCS
0898 511 4	reca S 78 bond & seal	Crystal clear	290 ml	15651-1	12	1 PCS
0898 511 2	reca S 78 bond & seal	Grey	290 ml	15651-3, 15651-1	12	1 PCS
0898 511 1	reca S 78 bond & seal	White	290 ml	15651-3, 15651-1	12	1 PCS
0898 512 4	reca S 78 bond & seal, pressurised gas container	Crystal clear	200 ml	15651-1	12	1 PCS

S 80 fix it

Product description:
High-quality, high-strength one-component adhesive compound based on MS polymer

Advantages:
Strong initial bond
Suitable for gluing natural stone

Application area:
Outstanding adhesive properties on many construction materials such as glass, glazed surfaces, enamel, epoxy, polyester, polystyrene, rigid PVC, stainless steel etc.

Field of Application:
Generally also glues heavy materials straight from the cartridge without any special measures.

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things.



Art. No.	Type description	Colour	Contents	Package size	Packaging unit (VPE)
0898 480	reca S 80 fix it	White	290 ml	12	1 PCS

S 21 PU assembly adhesive

Product description:
One-component, gap-filling polyurethane assembly adhesive with rapid reaction time and viscoelastic properties

Advantages:
- Suitable for sanding and recoating
- Suitable for gluing natural stone
- Strong initial bond
- Very rapid curing

Field of Application:
Stair treads, handrails, windowsills, skirting boards, insulation panels, general repair and assembly bonds

Advice:
Join the assembly components together during the skin formation period (max. 2 minutes after moistening) and, if necessary, press together until functional strength is reached. The product swells slightly during the curing process. When gluing non-absorbent materials together, mist the applied adhesive with water. Sunlight discolours the adhesive but does not affect the adhesive strength.



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0898 421	reca S 21 PU assembly adhesive	310 ml	12	1 PCS

S 30 1C insulation adhesive

Product description:
RECA S 30 Isofix insulation adhesive is a ready-to-use, one-component, self-expanding polyurethane adhesive for the efficient, clean, economical and permanently secure bonding of thermal insulation panels and drywall panels in construction applications.



Advantages:
- High initial bond – even at low temperatures
- Economical to use thanks to precise application
- Also suitable for vertical bonds
- Can be processed with a can temperature upwards of +5°C or an ambient temperature upwards of -5°C
- Thermal conductivity of 0.035 W/(m·K). Ideal for filling insulation panel joints
- Flexible, non-brittle
- Ideal for evening out irregularities
- Reduced expansion after curing for quick and reliable alignment of insulation elements and drywall panels
- Huge weight reduction/huge amounts of space saved compared to conventional PU roof adhesive, adhesive mortar etc.
- Rapid curing, work can continue after approx. 1 hour
- Solvent-free
- Resistant to many solvents, paints and chemicals
- Resistant to aging, rotting, mould, decomposition but not UV-resistant
- Water-resistant (not waterproof)
- Building material class B1 (flame-resistant) in line with DIN 4102 part 1

Field of Application:
- Efficient, clean, economical and permanently secure bonding of thermal insulation panels.
- Suitable for gluing insulation panels based on polystyrene (EPS + XPS), polyurethane (PUR/PIR) and phenolic resin rigid foam in flat roofs, perimeters, façades, insulation/drainage elements, basement ceilings, interior insulation etc.
- Bonding gypsum plasterboard/gypsum fibreboard in drywalling
- Bonding non-load-bearing interior walls such as partitions, screens, bar counters, stone shelves etc. made from shaped bricks (aerated concrete, sand-lime brick, plaster etc.)
- Filling cavities between separate thermal insulation elements.

Advice:
Caution: The adhered joint must not be subject to stress/walked on during the approx. 2-hour curing period! All open joints within the insulation can be filled with RECA S 30 Isofix insulation adhesive. Cut away excess, fully hardened adhesive using a sharp knife. RECA S 30 Isofix insulation adhesive can be painted or plastered over after curing.

Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0898 230	reca S 30 Isofix, insulation adhesive	800 ml	12	1 PCS

S 15 membrane adhesive

Product description:
Acrylate vapour retarder adhesive with wide adhesive spectrum.

Advantages:
- Strong bond
- Permanently airtight
- Tested in line with DIN

Field of Application:
For gluing vapour retarders/barriers and waterproof membranes to masonry, brickwork, concrete, wood, plaster and metal

Advice:
Not suitable for submerged joints or for contact with bitumen, among other things. Not frost-resistant



Art. No.	Type description	Contents	Packaging unit (VPE)
0898 615	reca S 15 membrane adhesive	310 ml	12 PCS

arecal 2-component adhesive polyurethane

Product description:
Two-component adhesive/liquid anchor for renovation and refurbishment tasks including repair, filling and bonding

Advantages:
- Produces high-strength, permanently elastic and low-shrinkage bonds.
- Subsequent processing such as sanding, drilling or thread cutting possible after 15–30 minutes.
- Easy and clean handling, non-drip, mouldable.
- Extremely rapid, controlled curing (from inside to outside) independent of ambient temperature, humidity and layer thickness.
- Can be recoated after approx. 60 minutes.
- Resistant to weathering and ageing.
- Solvent-free.
- Resistant to water, oil, fuel, solvent, acids and alkalis.



Application area:
Suitable materials:
Metals
Aluminium (anodised and ground), brass, stainless steel, iron, copper, steel (electrogalvanised, hot-dip galvanised, galvanised, phosphated and sand-blasted) and chrome-plated metal components.

Plastics:
ABS, PA, PC, PMMA (acrylic glass), polyester, PS (polystyrene), PUR, PVC.

Composite and other materials:
GFRP, carbon, EPDM, silicon carbide, concrete, basalt, granite, wood, ceramics, natural stone, marble.

Advice:
Application instructions:
After opening the cartridge, attach the mixer nozzle to the selected cartridge. It is vital that both openings of the cartridge are open. Before application, extrude a small amount (approx. 5 cm) and discard. The mixing ratio is then guaranteed and the product is ready for use.
It is always necessary to clean surfaces thoroughly. Due to the wide range of possible applications for the various products and the respective special condi-

tions (e.g. application parameters, material properties, system structure etc.), users are obliged to carry out their own tests.

Art. No.	Type description	Contents	Packaging unit (VPE)
0894 803 025	arecal 2-component PU adhesive	25 ml	3 PCS
0894 803 050	arecal 2-component PU adhesive	50 ml	3 PCS

arecal 2-component adhesive, methyl methacrylate

Product description:
Two-component structural adhesive for metal connections, connecting modern plastics that are difficult to bond and bonding various material pairings (e.g. metals and plastics) to themselves and each other.



Advantages:

- High tensile shear strength.
- Excellent reworkability (sanding, drilling, painting etc.).
- Excellent resistance to chemicals.
- High temperature resistance (-50°C to +120°C).
- Non-dripping (thixotropic).
- Fills cracks and gaps up to 4 mm
- UV-resistant

Application area:
Suitable materials:
Metals
Aluminium (anodised and ground), brass, stainless steel, iron, cast iron, copper, steel (electrogalvanised, hot-dip galvanised, galvanised, phosphated, and sand-blasted).





Plastics:
ABS, PA, PC, PMMA (acrylic glass), polyester, PUR.

Composite and other materials:
GFRP, carbon, EPDM, silicon carbide, glass, granite, wood, ceramics, natural stone, marble.



Advice:
Application instructions:
Open the cartridge and attach the static mixer. Before application, extrude a small amount (2–3 cm) and discard. The product is then ready to use and should be applied immediately as a thin film or in beads or droplets.
It is always necessary to clean surfaces thoroughly. Due to the wide range of possible applications for the various products and the respective special conditions (e.g. application parameters, material properties, system structure etc.), users are obliged to carry out their own tests.

Art. No.	Type description	Contents	Packaging unit (VPE)
0894 703 025	arecal 2-component MMA adhesive	25 ml	3 PCS
0894 703 050	arecal 2-component MMA adhesive	50 ml	3 PCS

arecal 2-component adhesive, epoxy resin

Product description:
Epoxy resin adhesives are rapidly curing, two-component adhesives with a wide range of applications in the areas of production, assembly and repairs. They can be used to bond various materials with high tensile strength and impact strength and excellent resistance to flaking and shocks.
The transparent colour is suitable for creating neat bonds making it an ideal compound for various applications.



Application area:
Suitable materials:
Metals
Aluminium (anodised and ground), brass, stainless steel, iron, cast iron, copper, steel (electrogalvanised, hot-dip galvanised, galvanised, phosphated, and sand-blasted).

Plastics:
ABS, PA, PC, PMMA (acrylic glass), polyester, PUR.

Composite and other materials:
GFRP, carbon, EPDM, silicon carbide, glass, granite, wood, ceramics, natural stone, marble.

Field of Application:
For neat bonds

Advice:
Application instructions:
Open the cartridge and attach the static mixer. Before application, extrude a small amount (2–3 cm) and discard. The product is then ready to use and should be applied immediately as a thin film or in beads or droplets.
It is always necessary to clean surfaces thoroughly. Due to the wide range of possible applications for the various products and the respective special conditions (e.g. application parameters, material properties, system structure etc.), users are obliged to carry out their own tests.

Art. No.	Type description	Contents	Packaging unit (VPE)
0894 805 050	arecal 2-component adhesive, epoxy resin	50 ml	3 PCS

arecal metal putty

Product description:
Two-component, epoxy-resin-based metal putty for use as repair compound for metal, wood and plastic



Advantages:
- Resistant to oil, petrol, diesel and acids.
- Temperature resistant from -50°C to +300°C.
- Resistant to weathering and ageing.
- Suitable for use under water.
- Can be painted over.
- Excellent resistance shearing, flaking and impact.

Field of Application:
For filling, bonding, sealing, smoothing and repairing cracks and holes.
For repairing incorrect drill holes and broken threads.
Universal application on pipes, bodywork, machines and other components.
Suitable for iron, steel, cast components, aluminium, alloys, ceramics, concrete and wood.

Advice:

Application instructions:
The components being repaired must be clean and free from oil and grease. Roughening the surface increases the bond strength. Cut off the required amount of metal putty and knead for approx. 2 minutes (wear suitable gloves to do this) until an even colour is achieved and the material becomes warm. Apply to the workpiece being treated and mould to shape. The putty can be mechanically or manually processed after approx. 20 minutes, e.g. drilling, milling, thread cutting, sanding or sawing. Do not use under 5°C.
arecal 2-component metal putty is not suitable for PE, PP, teflon, acrylic glass and pressurised piping.

Art. No.	Type description	Packaging unit (VPE)
0894 701 056	arecal metal putty 56 g	1 PCS

Mixing nozzles for 2C adhesive

Product description:
20 nozzles for arecal 2C adhesive, new version



Art. No.	Type description	Packaging unit (VPE)
0894 900 004	Mixing nozzles for 2C MMA adhesive	20 PCS

Application gun for 50-ml two-component adhesive

Product description:
Application gun for 50 ml versions of arecal 2C adhesive

Advantages:
- Metal version



Art. No.	Type description	Packaging unit (VPE)
0894 900 003	Application gun for 50-ml cartridges	1 PCS

S 16 roof sealant

Product description:
High-quality sealant based on synthetic rubber for roof areas

Advantages:
- Compatible with bitumen; adheres to wet surfaces (on smooth surfaces); good elasticity

Field of Application:
For working on flat and sloping roofs. For sealing joints and for repairs.

Advice:
Joints may yellow slightly after prolonged contact with water. However, this does not affect the quality of the material.



Art. No.	Type description	Contents	Colour	Packaging unit (VPE)
0898 417	reca S 16 roof sealant	310 ml	Black	12 PCS
0898 416	reca S 16 roof sealant	310 ml	Grey	12 PCS
0898 414	reca S 16 roof sealant	310 ml	Transparent	12 PCS
0898 415	reca S 16 roof sealant	310 ml	White	12 PCS

S 12 air duct sealant

Product description:
Odour-free, elastic special sealant

Advantages:
Elastic
No unpleasant odour
Ventilation duct sealant can be used on damp substrates

Field of Application:
For seals in ventilation ducts and plant construction; also suitable for use in line with VDI standard 6022

Advice:
The water released during curing can cause metallic surfaces to corrode



Art. No.	Type description	Contents	Package size	Packaging unit (VPE)
0898 012	reca S 12 air duct sealant	310 ml	12	1 PCS

DIDA F adhesive tape for vapour barriers/retarders

Product description:
Elastic, one-sided high-performance adhesive tape for permanently airtight bonding of vapour retarders/barriers, connections and openings in interior and exterior areas in line with DIN 4108-7.



Advantages:
- Flexible support
- Effortlessly fits any opening and maintains the seal despite structural movement
- Extremely strongly adhesive and resistant to ageing
- Excellent initial and final adhesion
- 8 weeks UV resistance
- Highly versatile
- Adheres to most conventional construction surfaces and OSB boards
- Environmentally friendly
- Solvent-free
- Increased adhesive application of 210 g
- Complies with EC 1 plus

Field of Application:
Permanent bonding of vapour barriers, vapour retarders and roof protection films
Bonding of overlapping sections of these films and connections and openings.
Airtight joint bonding of OSB boards

Advice:
- The substrate must be dry and free of oils, greases and dust. Ensure that no standing water can build up in bonded areas.
- The bonded tape should not be subject to permanent tensile stress.
- The adhesive tape performs the function of an airtight seal and not that of a friction-fit connection. Vapour retarders/barriers must be mechanically attached using staples, clips etc.

Art. No.	Adhesive tape backing material	Type description	Adhesive base	Colour	Thickness	Width	Length	Min. processing temperature	Max. processing temperature	Min. temperature resistance	Packaging unit (VPE)
0985 760 025	PET foil	DIDA F adhesive tape for vapour barriers/ retarders	Acrylate dispersion	White	0.28 mm	60.0 mm	25.0 m	0 °C	50 °C	-40 °C	4 PCS

DIDA P adhesive tape for vapour barriers/brakes

Product description:
One-sided, paper-based, high-performance adhesive tape for permanent air-tight bonding of vapour retarders/barriers in line with DIN 4108-7 for overlaps in interior areas. Also ideal for airtight, butt joint bonding of OSB boards.



Advantages:
- Time-saving application
  Tape can be torn off quickly and easily by hand
- Extremely strongly adhesive and resistant to aging
- Excellent initial and final bond
- Adheres to most conventional construction surfaces and OSB boards
- Environmentally friendly
  Free of solvents
- 5-year manufacturer's guarantee from date of manufacture for the adhesive properties of vapour retarders/barriers in line with DIN 4108-7

Advice:
The application temperature should not be below -10°C.
The substrate must be dry and free of oils, greases and dust.
The bonded tape should not be subject to permanent tensile stress.
The adhesive tape performs the function of an airtight seal and not that of a friction-fit connection. Vapour retarders/barriers must be mechanically attached using staples, clips etc.

Art. No.	Adhesive tape backing material	Type description	Colour	Width	Length	Packaging unit (VPE)
0985 760 040	Stabilised paper	DIDA P adhesive tape for vapour barriers/ brakes	White	60.0 mm	40.0 m	5 PCS

Basic fabric adhesive tape

Product description:
Universal, strong fabric adhesive tape for a wide range of applications in interior and exterior areas such as masking concrete and stone surfaces, repairing membranes and tarpaulins, bundling and sealing.



Advantages:
- Good adhesive strength
- Supple and easy to apply
- Easy and quick to tear off by hand

Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 700 038	Basic fabric adhesive tape	Silver coloured	0.175 mm	38.0 mm	50.0 m	8 PCS
0985 700 050	Basic fabric adhesive tape	Silver coloured	0.175 mm	50.0 mm	50.0 m	6 PCS

Premium fabric adhesive tape

Product description:
Extremely high-quality, universal, strong fabric adhesive tape for a wide range of applications in interior and exterior areas such as masking concrete and stone surfaces, repairing membranes and tarpaulins, bundling and sealing. The tape is based on a very strong membrane backing and is waterproof and largely resistant to oils.

Advantages:
- Excellent adhesive strength
- Watertight
- Largely resistant to oils
- Supple and easy to apply
- Easy and quick to tear off by hand







Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 705 150	Premium fabric adhesive tape	Black	0.225 mm	50.0 mm	50.0 m	6 PCS
0985 705 050	Premium fabric adhesive tape	Silver coloured	0.225 mm	50.0 mm	50.0 m	6 PCS
0985 705 250	Premium fabric adhesive tape	White	0.225 mm	50.0 mm	50.0 m	6 PCS

Duct tape

Product description:
Very high-quality, textile-reinforced, all-purpose adhesive tape (thickness: 0.32 mm) with LDPE surface coating and a strong natural rubber adhesive. Ideal for applications in air-conditioning and ventilation technology and for difficult masking tasks on slightly rough surfaces.

Advantages:
- Excellent adhesive strength even at lower temperatures
- Excellent resistance to weathering
- Outstanding initial bond
- Superior tensile strength
- Easy to tear precisely by hand



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 710 050	Duct tape	Silver coloured	0.320 mm	50.0 mm	50.0 m	4 PCS

PE divider tape

Product description:
One-sided, self-adhesive PE foam sealant tape for damping and insulating various structural points in drywalling such as walls, ceilings, dividers and parapet elements.

Advantages:
- High joint noise insulation and high volumetric weight
- Resistant to aging, weather and moisture
- Building material class B2 (normally flammable) in line with DIN 4102

Advice:
Substrates must be clean and free of oils and greases.



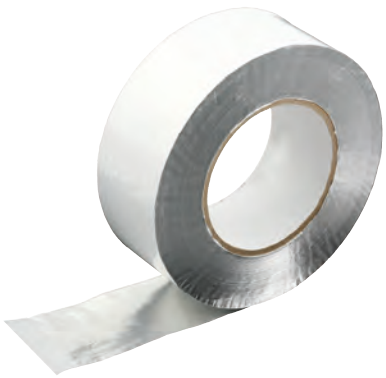
Art. No.	Type description	Colour	Thickness	Width	Length	Profile width	Package size	Packaging unit (VPE)
0985 820 030	PE divider tape	Anthracite	3 mm	30 mm	30.0 m	30.0 mm	30	1 PCS
0985 820 050	PE divider tape	Anthracite	3 mm	50 mm	30.0 m	50.0 mm	18	1 PCS
0985 820 075	PE divider tape	Anthracite	3 mm	75 mm	30.0 m	75.0 mm	12	1 PCS
0985 820 100	PE divider tape	Anthracite	3 mm	100 mm	30.0 m	100.0 mm	10	1 PCS

Pure aluminium adhesive tape

Product description:
Pure aluminium adhesive tape, mainly used in technical insulation applications for masking and lagging aluminium-clad mineral fibre insulation materials where the bonds are subject to high temperature loads and shear forces. Furthermore, the tape is ideal for insulating and sealing applications in heating, air-conditioning and ventilation systems and for sealing pipes and containers when welding using shielding gas.

Advantages:
- Excellent adhesive strength
- Outstanding heat and aging resistance

Advice:
The pure aluminium adhesive tape is free of solvents and does not contain any halogen or heavy metal compounds.



Art. No.	Type description	Colour	Thickness	Width	Length	Package size	Packaging unit (VPE)
0985 835 050	Pure aluminium adhesive tape	Alumetallic	0.065 mm	50.0 mm	100.0 m	24	1 PCS
0985 835 075	Pure aluminium adhesive tape	Alumetallic	0.065 mm	75.0 mm	100.0 m	16	1 PCS
0985 835 100	Pure aluminium adhesive tape	Alumetallic	0.065 mm	100.0 mm	100.0 m	12	1 PCS

Aluminised poly-adhesive tape

Product description:
Universal, aluminised poly adhesive tape for bonding roof insulation and pipe sections and for bonds of all kinds in air-conditioning, ventilation and cooling systems.

Advantages:
- Excellent adhesive strength
- Outstanding heat and moisture resistance
- Highly resistant to ageing
- Resistant to dilute alkalis, acids and other chemicals



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 830 050	Aluminised poly-adhesive tape	Aluminium coloured	0.051 mm	50.0 mm	50.0 m	6 PCS
0985 830 075	Aluminised poly-adhesive tape	Aluminium coloured	0.051 mm	75.0 mm	50.0 m	4 PCS
0985 830 100	Aluminised poly-adhesive tape	Aluminium coloured	0.051 mm	100.0 mm	100.0 m	3 PCS

Masking tape, 100°C

Product description:
Extremely high-quality flat crepe adhesive tape for all masking and painting applications up to +100°C, briefly up to +120°C.
Tape is suitable for industrial oven drying.

Advantages:
- Excellent adhesive strength and elasticity
- Simple and flexible handling
- Resistant to solvents, chemicals and paints
- Easy to remove without residue

Advice:
The adhesive tape must be protected from dust, heat, moisture and direct sunlight.



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 725 019	Masking tape, 100°C	Beige	0.13 mm	19.0 mm	50.0 m	12 PCS
0985 725 025	Masking tape, 100°C	Beige	0.13 mm	25.0 mm	50.0 m	9 PCS
0985 725 030	Masking tape, 100°C	Beige	0.13 mm	30.0 mm	50.0 m	8 PCS
0985 725 038	Masking tape, 100°C	Beige	0.13 mm	38.0 mm	50.0 m	6 PCS
0985 725 050	Masking tape, 100°C	Beige	0.13 mm	50.0 mm	50.0 m	6 PCS

Masking tape, 80°C

Product description:
Universal, fine crepe paper adhesive tape for all masking applications in interior areas up to +80°C.

Advantages:
- Excellent adhesion to smooth and painted surfaces
- Resistant to solvents, chemicals and paints
- Simple and flexible handling

Advice:
The adhesive tape must be protected from dust, heat, moisture and direct sunlight.



Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 720 015	Beige	0.11 mm	15.0 mm	50.0 m	15 PCS
0985 720 019	Beige	0.11 mm	19.0 mm	50.0 m	12 PCS
0985 720 025	Beige	0.11 mm	25.0 mm	50.0 m	9 PCS
0985 720 030	Beige	0.11 mm	30.0 mm	50.0 m	8 PCS
0985 720 038	Beige	0.11 mm	38.0 mm	50.0 m	6 PCS
0985 720 050	Beige	0.11 mm	50.0 mm	50.0 m	6 PCS

PVC plastering tape, grooved

Product description:
Grooved, PVC plastering tape for protecting and masking during painting, plastering and varnishing tasks on smooth surfaces such as plastic, wood (primed, painted) and aluminium in interior and exterior areas.

Advantages:
- Mouldable and supple even at low temperatures
- Easy to tear off precisely by hand
- Easy, residue-free removal
- Excellent adhesion, even on slightly uneven surfaces

Advice:
Substrates must be as smooth as possible, completely dry, non-porous, non-absorbent and free of dust, oils and greases.



Art. No.	Type description	Colour	Thickness	Width	Length	Package size	Packaging unit (VPE)
0985 745 130	PVC plastering tape, grooved	White	0.15 mm	30.0 mm	33.0 m	60	1 PCS
0985 745 150	PVC plastering tape, grooved	White	0.15 mm	50.0 mm	33.0 m	36	1 PCS
0985 745 030	PVC plastering tape, grooved	Yellow	0.15 mm	30.0 mm	33.0 m	60	1 PCS
0985 745 050	PVC plastering tape, grooved	Yellow	0.15 mm	50.0 mm	33.0 m	36	1 PCS

PVC plastering tape, smooth

Product description:
Smooth, PVC plastering tape for protecting and masking during painting, plastering and varnishing tasks on smooth surfaces such as plastic, wood (primed, painted) and aluminium in interior and exterior areas.

Advantages:
- Mouldable and supple even at low temperatures
- Excellent adhesion, even on slightly uneven surfaces
- Easy, residue-free removal

Advice:
Substrates must be as smooth as possible, completely dry, non-porous, non-absorbent and free of dust, oils and greases.



Art. No.	Type description	Colour	Thickness	Width	Length	Package size	Packaging unit (VPE)
0985 740 250	PVC plastering tape, smooth	Orange	0.13 mm	50.0 mm	33.0 m		6 PCS
0985 740 130	PVC plastering tape, smooth	White	0.13 mm	30.0 mm	33.0 m	60	1 PCS
0985 740 150	PVC plastering tape, smooth	White	0.13 mm	50.0 mm	33.0 m	36	1 PCS

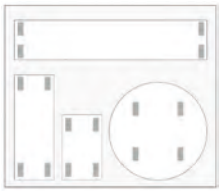
Mirror adhesive tape

Product description:
The tape is ideal for attaching mirrors, skirting boards, brackets and dispensers in sanitary areas. The highest recommended load-bearing capacity is 36 g/cm^2.

Advantages:
- High adhesive strength on smooth, rough and uneven surfaces
- Excellent moisture resistance
- Extremely high shear strength



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 810 019	Mirror adhesive tape	White	0.8 mm	19.0 mm	10.0 m	12 PCS
0985 810 025	Mirror adhesive tape	White	0.8 mm	25.0 mm	10.0 m	9 PCS



Double-sided adhesive tape

Product description:
Universal double-sided adhesive tape for a wide range of applications in interior areas, such as laying and fixing carpets, skirting, trim and cable ducts.



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 800 038	Double-sided adhesive tape	Transparent	0.135 mm	38.0 mm	25.0 m	6 PCS
0985 800 050	Double-sided adhesive tape	Transparent	0.135 mm	50.0 mm	25.0 m	3 PCS

tesa packing tape

Product description:
High-quality, universal packing adhesive tape with an embossed PVC film backing and a strong natural rubber adhesive compound.

Advantages:
- Unrolls easily and evenly
- Ideal for machine application and for application using all conventional, manual tape dispensers
- Universal application for sealing medium-weight shipping cartons



Art. No.	Type description	Colour	Thickness	Width	Length	Package size	Packaging unit (VPE)
0985 890 050	tesa packing tape	Transparent	0.065 mm	50.0 mm	66.0 m	36	1 PCS

Packing tape dispenser

Product description:
Robust dispenser made from sheet steel and plastic for all commercially available packing tapes up to 50 mm in width.

Advantages:
- Protective cover prevents injuries
- Universal application for all commercially available packing tapes
- Integrated roller brake for easy application



Art. No.	Type description	Packaging unit (VPE)
0985 890 051	Packing tape dispenser	1 PCS

Self-fusing insulating tape

Product description:
Self-fusing insulating and sealant tape made from polyisobutylene (PIB). For sealing and repairing electrical and distribution cables of all types up to 46 kV and for protecting various electronic components.

Advantages:
- Highly elastic
  Elongation at tear approx. 900%
- Excellent compatibility with a wide range of insulating and sheathing materials (e.g. PE, PVC, butyl and neoprene)
- Waterproof and ozone-resistant
- Residue-free removal from most substrates



Art. No.	Type description	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 630 019	Self-fusing insulating tape	Black	0.5 mm	19.0 mm	10.0 m	1 PCS

Electrical PVC insulating tape, VDE

Product description:
Very high-quality electrical insulating tape made from plasticised PVC with approval for a wide range of applications in electrical installation.

Advantages:
- Outstanding resistance to abrasion, corrosion and moisture
- High dielectric strength and mechanical protection
- Safe and easy to use
- Aging-resistant and tear-proof
- Approved in line with VDE, IMQ, ÖVE, CEBEC, SEMKO, NEMKO, DEMKO and conforms to BS 3924
- Complies with the EU directive 2000/53 (free from lead, chrome VI, mercury and cadmium)

Advice:
Protect the product from dust, heat, moisture, direct sunlight and solvent vapour.



Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 600 010	Black	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 030	Blue	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 090	Brown	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 070	Green	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 080	Green, Yellow	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 050	Grey	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 040	Red	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 020	White	0.15 mm	15.0 mm	10.0 m	10 PCS
0985 600 060	Yellow	0.15 mm	15.0 mm	10.0 m	10 PCS

Electrical PVC insulating tape

Product description:
PVC insulating tape for a wide range of applications in electrical installation such as bundling, insulating, labelling and reinforcing cables and wiring.

Advantages:
- Good resistance to temperature and moisture
- Adhesive with high adhesive strength
- Mostly resistant to moisture, oils, dilute alkalis and acids

Advice:
Protect the product from dust, heat, moisture, direct sunlight and solvent vapour.



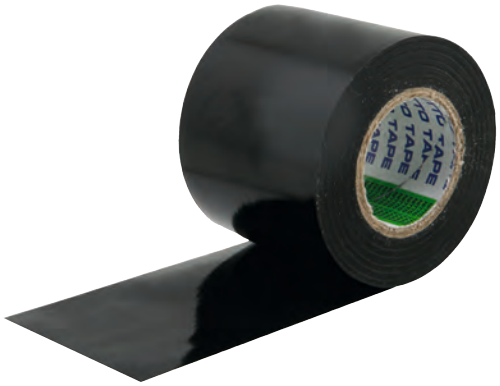
Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0985 610 119	Black	0.20 mm	19.0 mm	10.0 m	10 PCS
0985 610 130	Black	0.20 mm	30.0 mm	10.0 m	5 PCS
0985 610 150	Black	0.20 mm	50.0 mm	20.0 m	4 PCS
0985 610 030	Grey	0.20 mm	30.0 mm	20.0 m	5 PCS
0985 610 050	Grey	0.20 mm	50.0 mm	20.0 m	4 PCS
0985 610 250	White	0.20 mm	50.0 mm	20.0 m	4 PCS

Nitto PVC insulating tape

Product description:
Extremely high-quality and universal insulating tape made from pure PVC for insulating, sealing, repairing, masking and protecting. The tape has excellent resistance to aging and weather making it ideal for tough outdoor applications.

Advantages:
- Good adhesive strength
- Flexible and supple
- Excellent workability
- Resistant to moisture, oils, acids and alkalis
- Free from lead-containing substances

Advice:
Protect the product from dust, extreme temperatures, moisture, direct sunlight and solvent vapour. The substrates must be clean and dry.



Art. No.	Type description	Colour	Width	Length	Packaging unit (VPE)
0985 615 151	Nitto PVC insulating tape	Black	50.0 mm	10.0 mm	4 PCS
0985 615 051	Nitto PVC insulating tape	Silver coloured	50.0 mm	10.0 mm	4 PCS
0985 615 251	Nitto PVC insulating tape	White	50.0 mm	10.0 mm	4 PCS

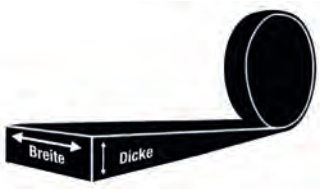
femo multifunctional tape „uni3“ (light grey inside - anthracite outside)

Product description:
Impregnated, pre-compressed multifunctional sealing tape for airtight and driving-rain-proof seals on window and door connection joints. Thermal insulation properties over the entire construction depth in line with the principle „impermeable inside, permeable outside“. The tape fulfils higher requirements for passive houses, new buildings and refurbishment.

Advantages:
- Exterior and interior sealing and medium insulation in only one work step
- Conforms to the requirements for an RAL quality-assured installation
- Weather-independent installation
- Low-emission, suitable for interior applications
- Temperature-resistant from -30°C to +80°C
- Can be stored for 9 months between +1°C and +20°C



Application area:
1. Select a tape size to suit the installation situation. Clean loose dirt from the substrates. Cut off approx. 2 cm from the beginning and end of the tape. Add approx. 2 cm/m when cutting the tape to length.
2. Remove the cover from the self-adhesive and apply the tape to the clean and dry blind frame. The light grey powdered side must face the inside of the room.
3. Butt joints are formed with the tape at corners. Compress the tape in the longitudinal direction at these points. Gaps should always be avoided but can be closed using RECA S 15 membrane adhesive (art. no. 0898 615).

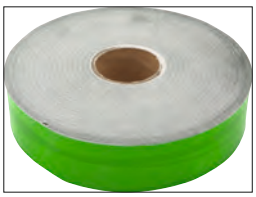


Advice:
The expansion properties of the tape depend on the temperature.
Conduct tests beforehand on painted or sealed surfaces.

We recommend the use of slot cover profiles
The tape must be stored in a cool place at temperatures of 20°C and above, including at construction sites.

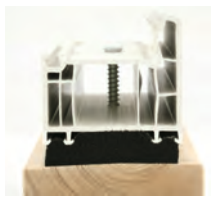
The wall face should be smooth or must be smoothed, if necessary

Art. No.	Colour	Thickness	Width	Length	Min./max. joint width	Packaging unit (VPE)
0800 365 001	Anthracite	7 mm	65 mm	9.0 m	5 x 9 mm	3 PCS
0800 376 001	Anthracite	7 mm	76 mm	9.0 m	5 x 9 mm	3 PCS
0800 365 002	Anthracite	11 mm	65 mm	6.0 m	7 x 14 mm	3 PCS
0800 376 002	Anthracite	11 mm	76 mm	6.0 m	7 x 14 mm	3 PCS
0800 365 003	Anthracite	15 mm	65 mm	4.5 m	10 x 19 mm	3 PCS









femo „BG1“ compressed joint sealing tape

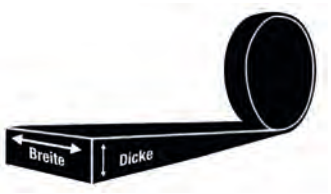
Product description:
RECA femo BG1 tape is impregnated, pre-compressed foam joint sealing tape. Equipped with a self-adhesive strip as an assembly aid. Particularly suitable for exterior sealing of expansion joints, prefabricated elements, partitions, windows and door connections.



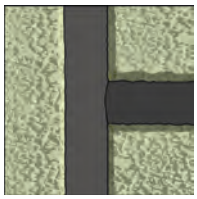
Advantages:
- Fulfils all requirements of DIN 18542 issue 2009
- Excellent sealant properties in line with BG1: Driving-rain-resistant up to 600 pascals
- Water-repellent yet vapour-permeable
- Facilitates favourable moisture regulation in joints
- Bridges irregularities in joints in the respective application and seals against driving rain
- The high tolerance capacity of the tapes compensates for structural movement and common construction tolerances
- Tested UV resistance

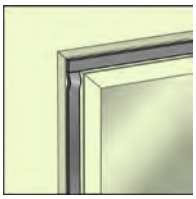
- Very good ecological compatibility
- Temperature-resistant from -30°C to +90°C
- Can be stored for 12 months between +1°C and +20°C
- Application temperature: from 5°C, dry

Advice:
Do not use in standing water.
Tape must not come into contact with aggressive chemicals containing solvents.



Art. No.	Colour	Thickness	Width	Length	Min./max. joint width	Packaging unit (VPE)
0800 310 002	Anthracite	2 mm	10.0 mm	12.5 m	1 x 2 mm	30 PCS
0800 315 002	Anthracite	2 mm	15.0 mm	12.5 m	1 x 2 mm	20 PCS
0800 315 003	Anthracite	3 mm	15.0 mm	10.0 m	2 x 3 mm	20 PCS
0800 315 004	Anthracite	4 mm	15.0 mm	8.0 m	3 x 7 mm	20 PCS
0800 315 008	Anthracite	6 mm	15.0 mm	4.3 m	5 x 12 mm	20 PCS
0800 315 006	Anthracite	6 mm	15.0 mm	5.6 m	4 x 10 mm	20 PCS
0800 320 010	Anthracite	10 mm	20.0 mm	3.3 m	7 x 15 mm	15 PCS
0800 325 012	Anthracite	12 mm	25.0 mm	2.6 m	9 x 18 mm	12 PCS
0800 330 016	Anthracite	16 mm	30.0 mm	2.0 m	12 x 24 mm	10 PCS
0800 315 203	Grey	3 mm	15.0 mm	10.0 m	2 x 3 mm	20 PCS
0800 315 204	Grey	4 mm	15.0 mm	8.0 m	3 x 7 mm	20 PCS
0800 315 206	Grey	6 mm	15.0 mm	5.6 m	4 x 10 mm	20 PCS
0800 315 208	Grey	8 mm	15.0 mm	4.3 m	5 x 12 mm	20 PCS
0800 320 210	Grey	10 mm	20.0 mm	3.3 m	7 x 15 mm	15 PCS
0800 325 212	Grey	12 mm	25.0 mm	2.6 m	9 x 18 mm	12 PCS
0800 330 216	Grey	16 mm	30.0 mm	2.0 m	12 x 24 mm	10 PCS





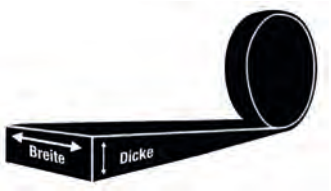


femo „BG2“ compressed joint sealing tape

Product description:
RECA femo BG2 tape is impregnated, pre-compressed foam joint sealing tape. Equipped with a self-adhesive strip as an assembly aid. Particularly suitable for exterior sealing of expansion joints, prefabricated elements, partitions, windows and door connections. Can also be used in timber constructions, container construction and metal structures.

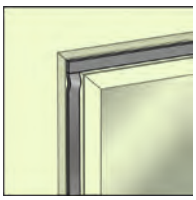


Advantages:
- Tape quality tested in line with BG2: Driving-rain-resistant up to 300 pascals
- Bridges irregularities in joints
- The high tolerance capacity of the tapes compensates for structural movement and common construction tolerances
- Good ecological compatibility
- Temperature-resistant from -30°C to +90°C
- Can be stored for 12 months between +1°C and +20°C



Advice:
Do not use in standing water.
Tape must not come into contact with aggressive chemicals containing solvents.

Art. No.	Colour	Thickness	Width	Length	Min./max. joint width	Packaging unit (VPE)
0800 410 002	Anthracite	2 mm	10.0 mm	12.5 m	1 x 2 mm	30 PCS
0800 415 002	Anthracite	2 mm	15.0 mm	12.5 m	1 x 2 mm	20 PCS
0800 415 004	Anthracite	4 mm	15.0 mm	8.0 m	3 x 7 mm	20 PCS
0800 415 006	Anthracite	6 mm	15.0 mm	5.6 m	4 x 10 mm	20 PCS
0800 415 008	Anthracite	8 mm	15.0 mm	4.3 m	5 x 12 mm	20 PCS
0800 425 012	Anthracite	12 mm	25.0 mm	2.6 m	9 x 18 mm	12 PCS





femo „Extra“ compressed joint sealing tape

Product description:
RECA femo Extra tape is impregnated, pre-compressed, foam joint sealing tape. Equipped with a self-adhesive strip as an assembly aid. The product is used to produce driving-rain-proof sealed joints in window construction. Larger joint widths can be sealed with a single tape.

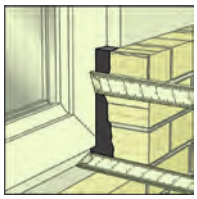


Advantages:
- Driving-rain-resistant up to 600 pascals
- Particularly large range of applications
- Open for water vapour diffusion
- Weather-resistant
- Temperature-resistant between -30°C and +90°C
- Can be stored for 12 months between +1°C and +20°C

Advice:
Do not use in standing water. Tape must not come into contact with aggressive chemicals containing solvents.



Art. No.	Colour	Thickness	Width	Length	Min./max. joint width	Packaging unit (VPE)
0800 499 015	Anthracite	10 mm	15.0 mm	4.5 m	5 x 15 mm	20 PCS
0800 499 125	Anthracite	15 mm	25 mm	5.0 m	10 x 24 mm	9 PCS





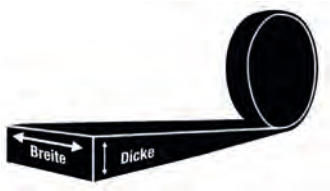
femo Foil Flex I „interior“ window protective film

Product description:
RECA femo Foil Flex I flexible window protective film is used to produce interior vapour-impermeable joint seals between masonry and windows.

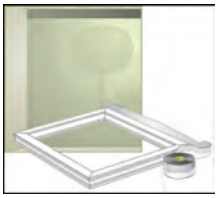
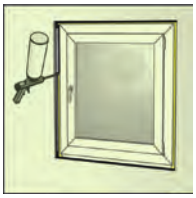


Advantages:
- Very good flexibility thanks to integrated expansion fold
  Component movements are compensated for
- Excellent suitability for being plastered or painted over
- Vapour diffusion resistant
- Easy and fast processing due to integrated self-adhesive strip as assembly aid
- Can be stored for 12 months between +5°C and +25°C

Advice:
Tape must not come into contact with aggressive chemicals containing solvents. The adhesive surfaces must be free of oils, greases, dust and dirt.



Art. No.	Colour	Thickness	Min./max. width	Length	Packaging unit (VPE)
0800 503 060	White	1.0 mm	60 x 80 mm	25.0 m	6 PCS
0800 503 080	White	1.0 mm	80 x 110 mm	25.0 m	4 PCS
0800 503 110	White	1.0 mm	110 x 140 mm	25.0 m	3 PCS



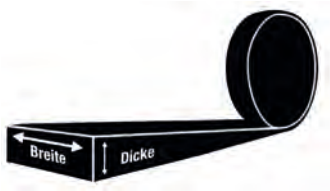
femo tape Butyl I butyl window tape, „interior“

Product description:
RECA femo tape Butyl I sealing fleece is used to produce interior vapour-impermeable joint seals between masonry and windows. It is bonded to the window with self-adhesive and to the masonry with a full-surface butyl strip.

Advantages:
- Very high adhesive power
  Tape is furnished with butyl over its entire surface
- Fleece can be plastered or painted over
- Vapour diffusion resistant
- Easy and fast processing due to integrated self-adhesive strip as assembly aid
- Can be stored for 12 months between +5°C and +25°C

Advice:
Tape must not come into contact with aggressive chemicals containing solvents. The adhesive surfaces must be free of oils, greases, dust and dirt. It is advisable to use a primer on particularly porous surfaces to improve adhesion.





Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0800 502 075	Grey	1.5 mm	75.0 mm	15.0 m	4 PCS
0800 502 100	Grey	1.5 mm	100.0 mm	15.0 m	3 PCS
0800 502 150	Grey	1.5 mm	150.0 mm	15.0 m	2 PCS





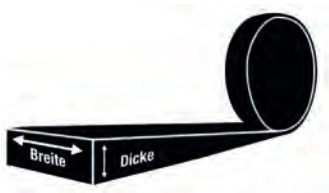

femo Foil Butyl O window protective film, „exterior“

Product description:
RECA femo Foil Butyl O window protective film is used to produce exterior joint seals between masonry and windows. It is bonded to the window by self-adhesion and to the masonry with butyl. Front anthracite, rear white.

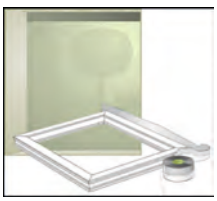


Advantages:
- Impervious to driving rain up to 600 pascal as per DIN EN 1027
- Water-repellent yet water vapour-permeable
- Fleece can be plastered and painted over
- Easy application due to high adhesiveness of the butyl
- Can be stored for 12 months between +1°C and +20°C

Advice:
The surfaces of the masonry and window must be free of oils, greases, dust and dirt. It is advisable to use a primer on particularly porous surfaces to improve adhesion.



Art. No.	Thickness	Width	Length	Packaging unit (VPE)
0800 505 070	1.5 mm	70.0 mm	25.0 m	5 PCS
0800 505 100	1.5 mm	100.0 mm	25.0 m	3 PCS
0800 505 150	1.5 mm	150.0 mm	25.0 m	2 PCS





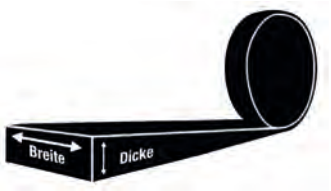

femo EPDM O EPDM film „exterior"

Product description:
RECA EPDM O is an elastic elastomer membrane made from EPDM rubber. The 1.2 mm thick version is used to seal the exterior bottom connections of doors, floor-level windows in outer walls and conservatories. The 0.75 mm thick version of RECA EPDM O is ideal for external sealing of construction elements in façades.



Advantages:
- Water-repellent yet water vapour-permeable
- Very good stretchability
- Outstanding resistance to UV and weathering
- Extreme temperature resistance
- Satisfies all legal requirements:
  Sealing according to DIN 18195
  Conforms to DIN 7864-T1 Table 1
- „Unlimited" storage at between+5°C and 25°C

Advice:
The substrates must be stable and free of oils, greases, dust and dirt. Not suitable for sealing against water under pressure. Cannot be plastered or painted over.



Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0800 601 100	Black	0.75 mm	100.0 mm	25.0 m	1 PCS
0800 601 150	Black	0.75 mm	150.0 mm	25.0 m	1 PCS
0800 601 200	Black	0.75 mm	200.0 mm	25.0 m	1 PCS
0800 601 250	Black	0.75 mm	250.0 mm	25.0 m	1 PCS
0800 602 300	Black	1.2 mm	300.0 mm	25.0 m	1 PCS

femo glazing tape

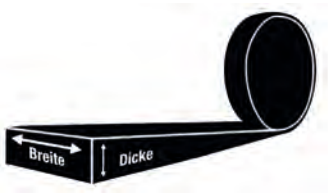
Product description:
Glazing tape for filling rebates and glazing transitions in windows, doors and fixed glazing.



Advantages:
- Compressible
- Prevents three-point adhesion
- Fills glass gap, therefore less insulation consumption
- Acts as a movement damping part under heavy wind load
- Outstanding chemical resistance
- Outstanding resistance to weathering and UV
- Compatible with acrylic glass

Advice:
Installation: The substrate must be dry and free of oils, greases and dust.
Application temperature: +5°C to 45°C
Temperature resistance: -30°C to +80°C.

Storage suitability: 12 months in dry conditions between +1°C and +20°C



Art. No.	Colour	Thickness	Width	Length	Packaging unit (VPE)
0800 209 002	Anthracite	2 mm	9.0 mm	20.0 m	10 PCS
0800 215 002	Anthracite	2 mm	15.0 mm	20.0 m	10 PCS
0800 209 003	Anthracite	3 mm	9.0 mm	20.0 m	10 PCS
0800 212 003	Anthracite	3 mm	12.0 mm	20.0 m	10 PCS
0800 215 003	Anthracite	3 mm	15.0 mm	20.0 m	10 PCS
0800 209 004	Anthracite	4 mm	9.0 mm	20.0 m	10 PCS
0800 212 004	Anthracite	4 mm	12.0 mm	20.0 m	10 PCS
0800 215 004	Anthracite	4 mm	15.0 mm	20.0 m	10 PCS
0800 215 005	Anthracite	5 mm	15.0 mm	10.0 m	10 PCS
0800 209 202	White	2 mm	9.0 mm	20.0 m	10 PCS
0800 209 203	White	3 mm	9.0 mm	20.0 m	10 PCS

Grease cartridge, lithium-saponified

Product description:
Lithium-saponified grease for hand-lever grease guns

Advantages:
- Water-resistant

Field of Application:
For lubricating rolling and plain bearings, guides and joints.
Reduces friction and wear and offers good corrosion protection

Advice:
Temperature application range from -25°C up to +120°C



Art. No.	Type description	Weight	Packaging unit (VPE)
0896 821 400	Grease cartridge	400 g	12 PCS

Grease cartridge, graphite

Product description:
Graphite-additive grease for hand-lever grease guns

Advantages:
- Water-resistant

Field of Application:
For lubricating rolling and plain bearings, guides and joints.
Reduces friction and wear and offers good corrosion protection

Advice:
Temperature application range from -25°C up to +120°C

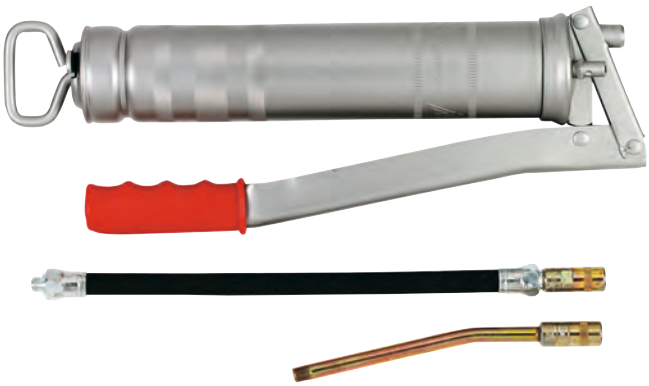


Art. No.	Type description	Weight	Packaging unit (VPE)
0896 822 400	Grease cartridge	400 g	12 PCS

Hand-lever grease gun

Advantages:
- No seals required due to high-precision fit of piston and high-pressure cylinder
- Filling nipple for direct connection to filling appliances
- Suitable for all conventional lubricating greases in cartridge form, for extraction in bulk form from grease barrels or from filling appliances.
- Includes nozzle pipe and rubber reinforced hose

Field of Application:
For lubrication of all lubricating points on machines and vehicles equipped with conical grease nipples in line with DIN 71412



Art. No.	Type description	Packaging unit (VPE)
0986 0	Hand-lever grease gun	1 PCS

Lube Shuttle grease cartridge, lithium-saponified

Product description:
Lithium-saponified grease for Lube Shuttle hand-lever grease gun

Advantages:
- With screwed connection, hence very simple, quick and cleaning loading and removal of the cartridges
- Resealable

Field of Application:
For lubricating rolling and plain bearings, guides and joints.
Reduces friction and wear and offers good corrosion protection

Advice:
Lube Shuttle is a registered trademark of MATO GmbH & Co KG



Art. No.	Packaging unit (VPE)
0896 823 400	12 PCS

Lube Shuttle grease cartridge, graphite

Product description:
Graphite grease for Lube Shuttle hand-lever grease gun

Advantages:
- Screwed connection makes loading and removing the cartridges quick, easy and clean
- Resealable

Field of Application:
For lubricating rolling and plain bearings, guides and joints.
Reduces friction and wear and offers good corrosion protection

Advice:
Lube Shuttle is a registered trademark of MATO GmbH & Co



Art. No.	Packaging unit (VPE)
0896 824 400	12 PCS

Lube Shuttle hand lever grease press

Product description:
Hand lever grease press Lube Shuttle

Advantages:
- Simple, quick and cleaning loading and removal of the grease cartridge without opening the press
- Venting no longer required
- Optimum emptying of the cartridges
- Working pressure over 400 bar, max. pressure up to approx. 800 bar

Field of Application:
For applying lubricating greases in 400 ml Lube Shuttle system cartridges up to NLGI Class 2

Advice:
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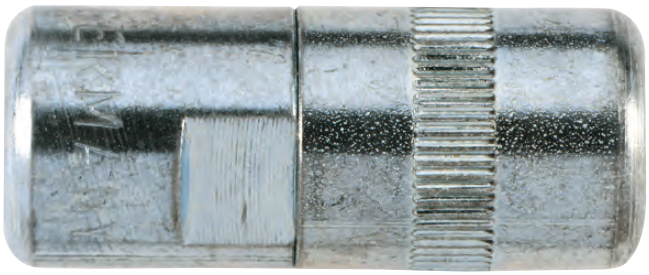


Art. No.	Packaging unit (VPE)
0986 001	1 PCS





Hydraulic grip nozzle



Art. No.	Type description	Packaging unit (VPE)
0986 04	Hydraulic grip nozzle M 10 x 1	1 PCS

Reinforced rubber hose



Art. No.	Type description	Length	Packaging unit (VPE)
0986 03	Rubber reinforced hose with hydraulic nozzle	300.0 mm	1 PCS

Nozzle pipe



Art. No.	Type description	Length	Packaging unit (VPE)
0986 01	Nozzle pipe with hydraulic nozzle	150.0 mm	1 PCS

X FOAM application gun

Product description:
Professional one-component PU foam gun in particularly lightweight construction

Advantages:
Metal interior
Extremely light thanks to two nylon half-shells
Individually tested for leakage



Art. No.	Type description	Packaging unit (VPE)
0891 154	X-FOAM plastic gun	1 PCS

PP/T application gun

Product description:
Professional one-component PU foam gun made from metal

Advantages:
- Valve with special non-stick coating for easy cleaning; one-piece, extremely robust extrusion tube



Art. No.	Type description	Packaging unit (VPE)
0891 155	PP/T metal gun	1 PCS

ECOFOAM BASIC application gun

Product description:
Professional one-component, low-weight PU foam gun

Advantages:
Nickel-plated gun body
Brass needle



Art. No.	Type description	Packaging unit (VPE)
0891 156	ECOFOAM BASIC metal gun	1 PCS

Cartridge gun for 2C cartridges containing 210 ml

Product description:
Processing gun for 2-component, 210 ml PU foam cartridges



Art. No.	Type description	Packaging unit (VPE)
0891 153	Application gun	1 PCS

Cartridge gun with toothed rack

Product description:
Cartridge gun for 310 ml cartridges; controlled via toothed rack



Art. No.	Type description	Packaging unit (VPE)
0891 02	Cartridge gun with toothed rack	1 PCS

Catridge gun, stepless

Product description:
Cartridge gun for 310 ml cartridges; continuously adjustable



Art. No.	Type description	Packaging unit (VPE)
0891 0	Cartridge gun continuously controllable	1 PCS

Cartridge gun with closed body

Product description:
Cartridge gun for 310-ml cartridges with closed cartridge body

Advantages:
Transparent plastic pipe so that you always see what product is in the gun
Automatic pressure relief: therefore no sealant overshoot
Bent rod so that it can be hung up anywhere, e.g. during work break
Rotatable cartridge tube: thus adjustable for every work environment



Art. No.	Type description	Packaging unit (VPE)
0891 01	Cartridge gun with transparent tube	1 PCS