

OIL FIELD



MAIN CATALOGUE

Welcome to the world of CERATIZIT ...

... a world of unique and consistently innovative solutions for wear parts, cutting tools and wood and stone machining. CERATIZIT is your partner for exceptional and highly personalized hard material products which guarantee economy, resistance and performance. Increasing both the productivity and service life of your products in a very diverse range of industrial sectors is our core competency.

... because 'hard material matters'

Hard materials in general and hard metals in particular are characterized by a range of interesting properties for all applications where maximum wear resistance is required. High pressure, high temperature, the application of abrasive or aggressive media, and the machining of hard materials are only some examples of factors that cause wear and to which hard materials and hard metals must be resistant. The powder-metallurgical production of cutting tools and wear

parts enables tailored adaptation of the material properties to the wear criteria.

Ever more powerful machines, facilities and machining methods constantly create new challenges for our development engineers. Intensive research and development activities are our today's investment for the solutions of tomorrow – and beyond.

Our top-quality product range covers all machining methods common in the cutting tools sector: turning, milling, drilling, parting and grooving. Our tools increase productivity in the fields of automotive and mechanical engineering, construction, aerospace and many more.



Tooling Academy

Inaugurating the Tooling Academy in the year 2007 CERATIZIT set new standards in the technical service field. From classical research, customer-oriented problem solutions to application-specific training courses and seminars both employees and customers make use of the Tooling Academy. New and optimized products are created, some of them are even developed tailored to the customer's needs!

We use seven machines to demonstrate all machining processes common in the field of cutting tools: turning, milling, drilling, parting and grooving. We assess tooling performance and the resulting work piece quality. Simultaneously we analyze the processes by means of cutting tools simulation and are thus able to evaluate their results as compared with practical tests.

The Tooling Academy is always up-to-date - not only in technology but also machinery systems. We apply the latest high-speed camera where the machining processes can be shown in extreme slow motion. In this way we receive detailed information about the entire machining process.

The proximity to our customers is a highly important matter. For this reason, in 2011 we inaugurated another Tooling Academy in Tianjin, China.

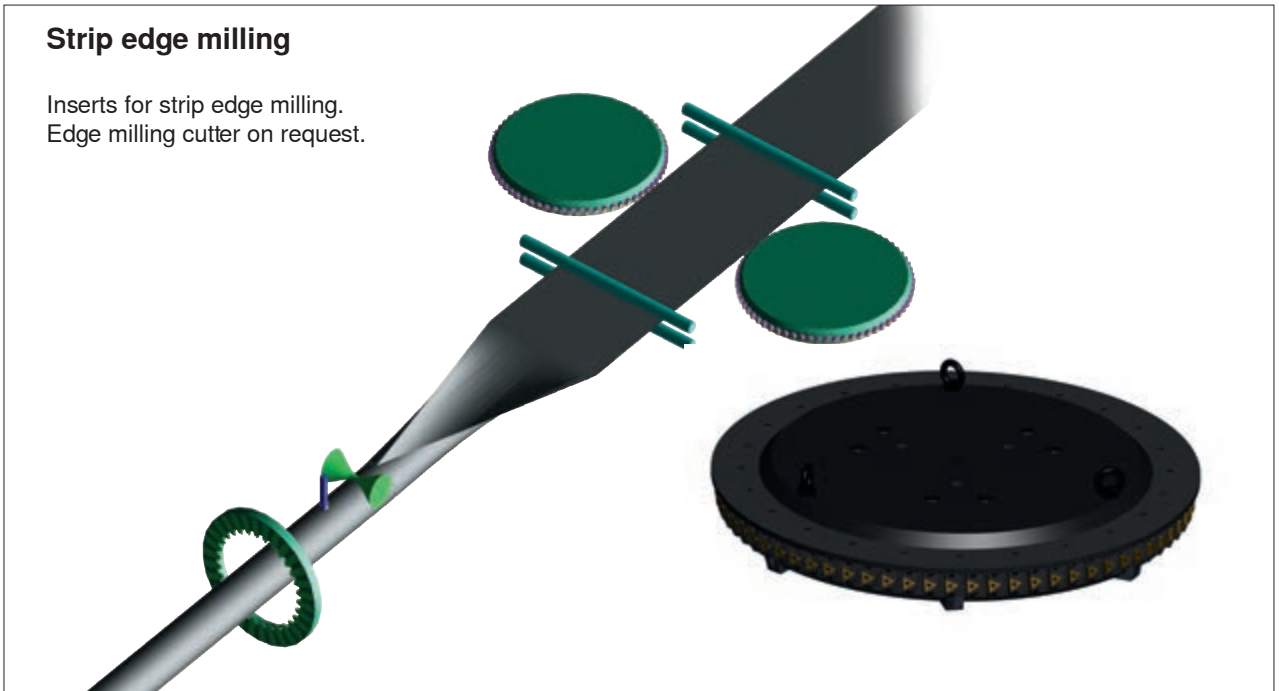


Tube machining

Solutions for seamless and welded tubes

Strip edge milling

Inserts for strip edge milling.
Edge milling cutter on request.



Tube scarfing External

Inserts for external scarfing. Supports on request.



Tube scarfing Internal

Rings for internal scarfing. Supports on request.



Tube Parting

Inserts for parting.



Pipe ends chamfering

Coupling and tube machining

Threading tools for rotating and stationary applications



System competence makes the difference

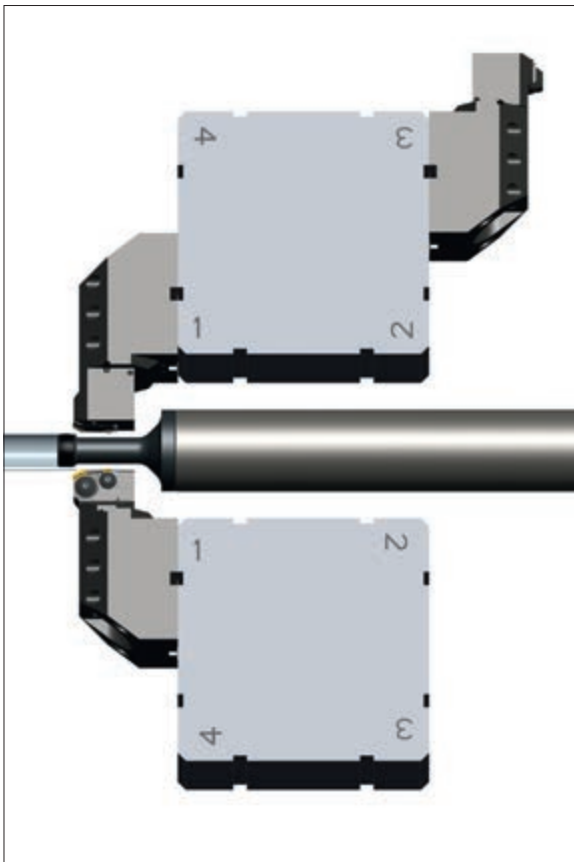
Long-standing experience in the sector, engineering and production know-how.
High-performance cutting materials and competent application advice: CERATIZIT customers appreciate these advantages of a strong partnership.
Our solutions meet highest demands with regard to application safety and increased productivity.

Threading, turning and special inserts



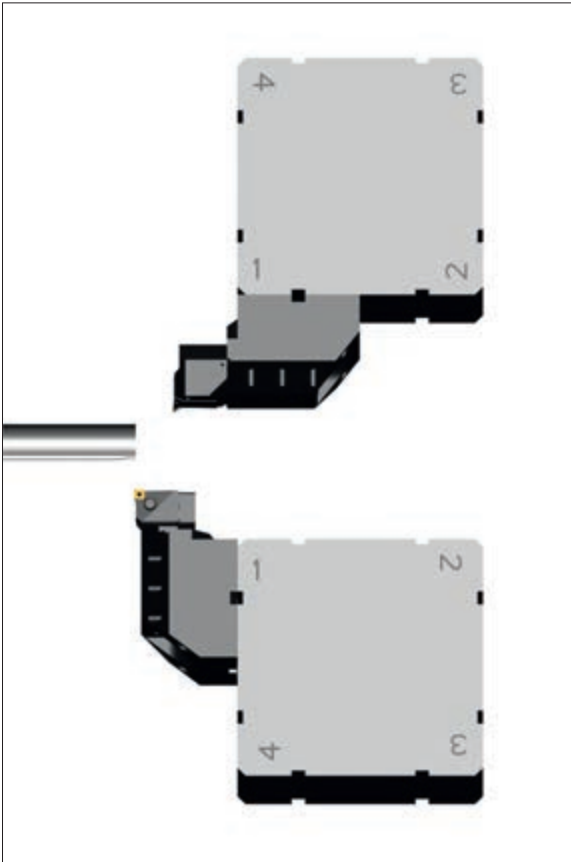
CERATIZIT - ensure the right connection!

Threading and chamfering tool

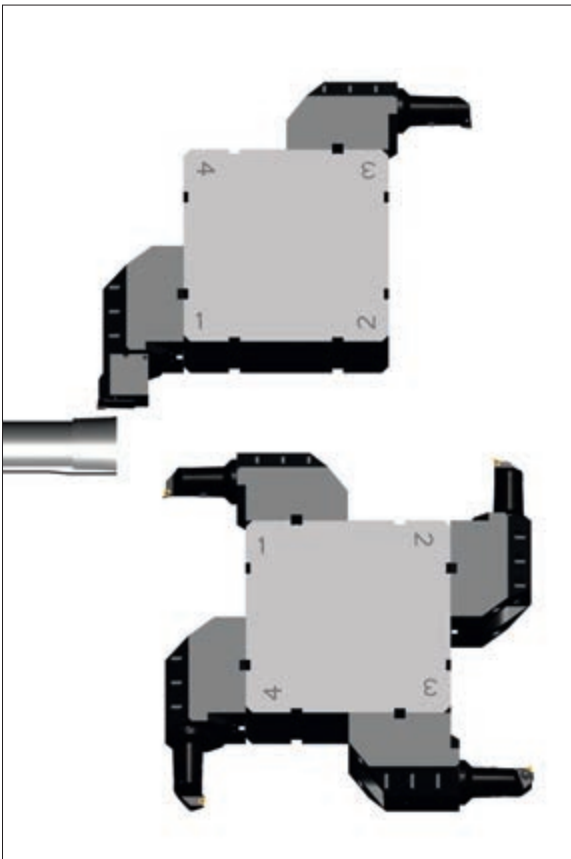


Standard tandem

Axial or radial configuration



Premium box



Grade description

ASC150

HC-P20

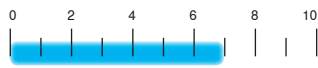
Suitable for most
workpiece materials



Toughness:



Wear resistance:



Composition:

Co 5,8%; (Ti, Ta, Nb)C 7,4%; WC rest

Grain size:

1-2 μm

Hardness:

HV 1620

Coating:

PVD Coated Grade

Wear-resistant grade which is principally
intended for high cutting speed

Suitable for external and internal
operations

LP025

HC-P25

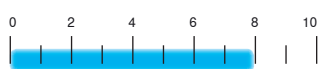
Suitable for most
workpiece materials



Toughness:



Wear resistance:



Composition:

Co 5,8% (Ti, Ta, Nb)C 7,4%; WC rest

Grain size:

1-2 μm

Hardness:

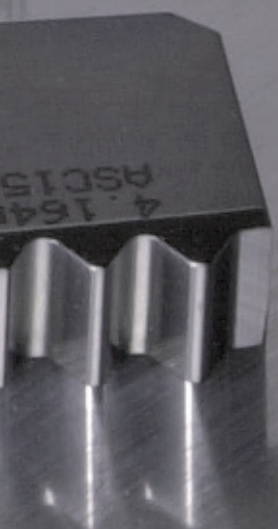
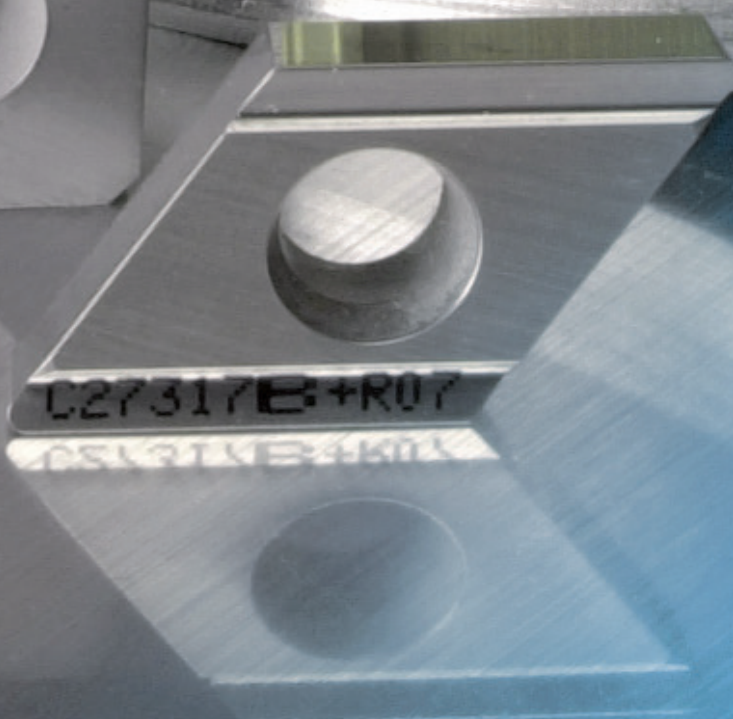
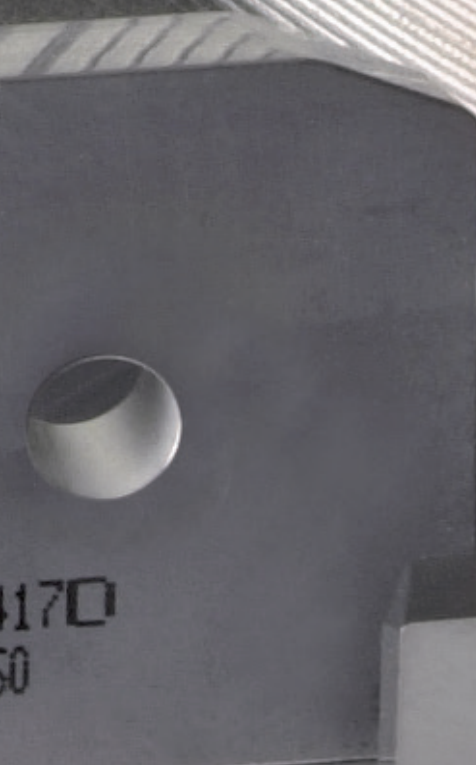
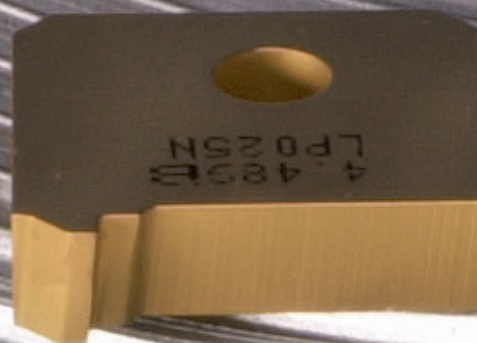
HV 1620

Coating:

CVD Coated Grade

Wear-resistant grade which is principally
intended for high cutting speed

Suitable for external and internal
operations



Oil field – threading inserts

Available Profiles	Available Profiles
A-DMS	TDS
A.M.S	TenarisHydril BIG FLUSH
A.P.I. BUTTRESS	TenarisHydril Blue
A.P.I. ROUND	TenarisHydril Blue + Blue SAGD
Atlas Bradford	TenarisHydril Blue + PJD Csg
Atlas Bradford ANJO	TenarisHydril Blue + PJD Csg + SAGD 2 3/8"
Atlas Bradford HDL	TenarisHydril Blue HW
Atlas Bradford NJO	TenarisHydril Blue Near Flush Taper 5%
Atlas Bradford NJO/ANJO	TenarisHydril Blue Near Flush Taper 6,25%
Atlas Bradford RTS	TenarisHydril Blue Near Flush Taper 8,50%
Atlas Bradford STL-2 ent.	TenarisHydril ER
Atlas Bradford TC II	TenarisHydril ER + MS
Baoshan Iron & Steel	TenarisHydril HW + HWSL + New HWSL
BDS	TenarisHydril MS
BIG OMEGA	TenarisHydril MS + MS XT/XC
DINO VAM	TenarisHydril MS XT/XC
DIN405	TenarisHydril MS XT/XC + Blue SAGD
Drill Pipe	TenarisHydril MS28
E.L.C.	TenarisHydril MS28 + MS28 XT/XC
FJ WP	TenarisHydril MS28 XT/XC
Grant Prideco	TenarisHydril PJD
HPC	TenarisHydril Riser
Hydril	TenarisHydril 3SB
INTERLOCK	TMK FMT
JFE BEAR	TMK GF
KS BEAR	UPJ
LINE PIPE	USS SEAMLESS
MID OMEGA	VAF
MUST	VAGT
NEW VAM	VAM ACE
NKM	VAM FJL
NPT	VAM FJL-HW
Other	VAM HW-ST
OTTG - OTTM - TBO	VAM SLIJ
Premium	VAM SLIJ-II
STT	VAM TOP
SUPERMAX	WARM
SUPREME LX	



Some threading inserts of this catalogue are subjected to licenses.



Please contact CERATIZIT for further information.
www.ceratizit.com, info@ceratizit.com

Threading inserts by Profile



A.P.I.

A.P.I. BUTTRESS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.146	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	15.75	15.84	4.76	3	70
4.147	5 TPI Ext.	BUTTRESS FINISHING 5TPI PIN	15.75	15.871	4.76	3	70
4.147-CE	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	15.75	15.875	4.76	3	70
4.160	5 TPI Int.	PROTECTEUR BUTTRESS 5TPI INT	15.75	15.75	4.76	3	88
4.165	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	89
4.180	5 TPI Ext.	A.P.I. BUTTRESS 1/12	15.875	15.84	4.76	3	70
4.181	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	89
4.184	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	16	15.871	4.76	3	71
4.185	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	26.5	15.84	4.76	5	71
4.188	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	15.875	15.875	4.76	3	71
4.189	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	15.875	15.875	4.76	3	71
4.191	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	14.635	5	5	89
4.196	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	14.6	5.2	3	71
4.197	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	14.8	5.2	3	71
4.198	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	15.02	5.2	4	71
4.201	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.56	5.2	3	71
4.202	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.8	5.2	3	71
4.203	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.98	5.2	3	72
4.207	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	72
4.214	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	3	89
4.215	5 TPI Int.	A.P.I. BUTTRESS 1/16	12.7	12.5	4.76	2	89
4.216	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	3	72
4.221	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25.4	15.784	5	5	72
4.222	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.75	5	5	89
4.224	5 TPI Int.	A.P.I. BUTTRESS 1/16	25.4	15.784	5	4	89
4.240	5 TPI Int.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	2	90
4.244	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	3	72
4.259	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	90
4.274	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.875	15.875	4.76	3	73
4.284	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	73
4.290	5 TPI Int.	A.P.I. BUTTRESS 1/16	28.75	15.75	5.2	6	90
4.293	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	15.875	5	5	91
4.294	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	73
4.298	5 TPI Int.	A.P.I. BUTTRESS 1/12 - 2 Cutting edges	19.5	19.5	6.35	3	91
4.299	5 TPI Int.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	91
4.326	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	91
4.328-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	20	15.692	4.76	3	73
4.328-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	20	15.875	4.76	4	73
4.332	5 TPI Int.	A.P.I. BUTTRESS 1/16	15.875	15.75	4.76	3	91
4.344	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	20	15.875	4.76	4	73
4.352/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°1	20	15.239	4.76	3	73
4.352/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°2	20	15.397	4.76	3	74
4.352/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°3	20	15.565	4.76	3	74
4.352/4	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing N°4	20	15.675	4.76	3	74
4.359	5 TPI Int.	A.P.I. BUTTRESS 1/16 - PULLING	25	15.75	5	5	92
4.371-CE	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	74
4.371	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	74
4.400	5 TPI Ext.	A.P.I. BUTTRESS 1/16 (4.201+4.202+4.400)	17	14.98	5.2	3	74
4.432	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	20	15.29	4.76	4	75

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Threading inserts

by Profile

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A.P.I.

A.P.I. BUTTRESS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.476/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.485	5.2	3	76
4.476/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.739	5.2	3	76
4.476/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.875	5.2	3	76
4.477/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.572	5.2	3	76
4.477/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.822	5.2	3	76
4.477/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.98	5.2	3	76
2.478	5 TPI Ext.	A.P.I. BUTTRESS 1/16	7.72	25.4	5.8	1	70
2.479	5 TPI Int.	A.P.I. BUTTRESS 1/16	7.72	25.4	5.8	1	88
4.523	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	93
4.524	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	94
4.543	5 TPI Int.	A.P.I. BUTTRESS 1/12 - PULLING	25	15.875	5	5	94
4.624	5 TPI Int.	A.P.I. BUTTRESS 1/16 - Roughing	20	14.4	5	4	95
4.699	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	96
4.701	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	96
4.702	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	97
4.703	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	14.635	5	5	97
4.704	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	15.875	5	5	97
4.707	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.708	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	97
2.717	5 TPI Ext.	A.P.I. BUTTRESS 1/12	7.72	25.4	5.8	1	70
2.718	5 TPI Int.	A.P.I. BUTTRESS 1/12	7.72	25.4	5.8	1	88
4.723-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 Roughing N°1	20	15.692	4.76	3	80
4.723-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 Finishing N°2	20	15.875	4.76	4	81
4.727	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.736	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.759	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	98
4.792	5 TPI Ext.	A.P.I. BUTTRESS 1/16	18.923	18.923	6.35	3	82
4.801/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.41	5.2	3	82
4.801/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.65	5.2	3	83
4.801/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.83	5.2	3	83
4.805	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	99
4.806-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16	20	15.692	4.76	3	83
4.806-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16	20	15.875	4.76	4	83
4.807	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	83
4.830	5 TPI Int.	BUTTRESS INTERIEUR 5TPI	25	15.875	5	5	99
4.849	5 TPI Ext.	A.P.I. BUTTRESS 5TPI 1/12 Finishing	25	15.875	5	5	84
4.851/1	5 TPI Ext.	BUTRESS 5TPI PIN N°1	17	14.56	5.2	3	84
4.851/2	5 TPI Ext.	BUTRESS 5TPI PIN N°2	17	14.8	5.2	3	84
4.851/3	5 TPI Ext.	BUTRESS 5TPI PIN N°3	17	14.96	5.2	3	84
4.855	5 TPI Ext.	BUTTRESS 5 TPI PIN	25	15.871	5	5	85
4.860	5 TPI Ext.	A.P.I. BUTTRESS 5TPI 1/16 PIN	25	15.86	5	5	85
4.863	5 TPI Int.	BUTTRESS 5TPI BOX PULLING	15.875	15.75	4.76	2	99
4.864	5 TPI Int.	BUTTRESS 5TPI BOX PULLING	15.875	15.75	4.76	3	99
4.865	5 TPI Ext.	BUTTRESS 5TPI PIN	15.875	15.75	4.76	1	85
4.870	5 TPI Int.	BUT 5TPI BOX Roughing	15.875	15.875	4.76	3	100
4.871	5 TPI Int.	BUT 5TPI 1/12 BOX	15.875	15.875	4.76	2	100
4.872	5 TPI Int.	BUT 5TPI 1/12 BOX	15.875	15.875	4.76	3	100
4.882	5 TPI Ext.	BUTTRESS 5TPI PIN	12.7	12.7	4.76	2	85
4.883	5 TPI Ext.	BUTTRESS 5 TPI PIN Roughing	20	15.875	4.76	4	85

A.P.I.

A.P.I. BUTTRESS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.938	5 TPI Ext.	BUTTRESS 1/16 5TPI PIN Pulling	15.875	15.875	4.76	3	86
4.950/1	5 TPI Ext.	BUTTRESS 5TPI PIN N°1	25	14.62	5	4	86
4.950/2	5 TPI Ext.	BUTTRESS 5TPI PIN N°2	25	14.83	5	4	86
4.950/3	5 TPI Ext.	BUTTRESS 5TPI PIN N°3	25	15	5	4	86
4.978	5 TPI Int.	BUTTRESS 5TPI BOX	25	15.875	5	5	103
4.190	8 TPI Ext.	AMERICAN BUTTRESS 1/16	15.875	15.875	4.76	4	120
4.289	10 TPI Int.	AMERICAN BUTTRESS 10 TPI BOX	28.574	15.748	5.08	10	137

A.P.I.

A.P.I. ROUND

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.145	8 TPI Ext.	A.P.I. ROUND CASING	15.75	15.84	4.76	3	119
4.161	8 TPI Int.	A.P.I. ROUND CASING PROTECTOR	15.75	15.75	4.76	4	129
4.164	8 TPI Int.	A.P.I. ROUND	25	14.9	5	7	129
4.168	8 TPI Ext.	A.P.I. ROUND TUBING	15.75	15.84	4.76	3	119
4.182/1	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.62	5.2	3	119
4.182/2	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.87	5.2	3	119
4.182/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15	5.2	3	120
4.208	8 TPI Int.	A.P.I. ROUND	25	15.75	5	4	129
4.233	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	130
4.252	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	130
4.253	8 TPI Int.	A.P.I. ROUND	25	14.9	5	7	130
4.308	8 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	19.5	19.5	6.35	3	120
4.330	8 TPI Int.	A.P.I. ROUND	15.875	15.75	4.76	4	130
4.334-1	8 TPI Ext.	A.P.I. ROUND CASING - Set for CERATIZIT Tooling	20	15.575	4.76	3	120
4.334-2	8 TPI Ext.	A.P.I. ROUND CASING - Set for CERATIZIT Tooling	20	15.875	4.76	3	120
4.335-1	8 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.54	4.76	3	121
4.335-2	8 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.84	4.76	3	121
4.353/1	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°1	20	15.338	4.76	3	121
4.353/2	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°2	20	15.514	4.76	3	121
4.353/3	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°3	20	15.687	4.76	3	121
4.353/4	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Finishing N°4	20	15.875	4.76	4	122
4.373	8 TPI Int.	A.P.I. ROUND - PULLING	25	15.875	5	7	131
2.439	8 TPI Ext.	A.P.I. ROUND CASING	7.72	25.4	5.8	1	119
2.440	8 TPI Int.	A.P.I. ROUND CASING	7.72	25.4	5.8	1	129
4.488	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	131
4.500	8 TPI Int.	A.P.I. ROUND - PULLING	25	15.875	5	7	131
4.536	8 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	15.875	15.875	4.76	3	123
4.582	8 TPI Int.	TKC	15.75	15.65	4.76	1	132
4.800/1	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	14.62	5.2	3	126
4.800/2	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	14.867	5.2	3	126
4.800/3	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	15	5.2	3	126
4.808	8 TPI Ext.	A.P.I. ROUND	15.75	15.84	4.76	3	126
4.809	8 TPI Ext.	A.P.I. ROUND	15.75	15.84	4.76	3	126
4.935/1	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.62	5.2	3	127
4.935/2	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.87	5.2	3	127
4.935/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15	5.2	3	127

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A.P.I.

A.P.I. ROUND

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.966/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15.05	5.2	3	128
4.163	10 TPI Int.	A.P.I. ROUND TUBING	25	14.5	5	7	137
4.167	10 TPI Ext.	A.P.I. ROUND TUBING	15.75	15.435	4.76	3	135
4.183/1	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.33	5.2	3	135
4.183/2	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.53	5.2	3	135
4.183/3	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.65	5.2	3	135
4.204	10 TPI Int.	A.P.I. ROUND TUBING	12.7	12.5	4.76	4	137
4.324	10 TPI Int.	A.P.I. ROUND TUBING	15.75	15.75	4.76	4	137
4.325	10 TPI Int.	A.P.I. ROUND TUBING	25	15.475	5	7	137
4.336-1	10 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.15	4.76	3	135
4.336-2	10 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.435	4.76	3	135
4.340	10 TPI Int.	A.P.I. ROUND TUBING - PULLING	25	15.875	5	7	137
2.448	10 TPI Ext.	A.P.I. ROUND TUBING	7.72	25.4	5.8	1	135
4.460	10 TPI Int.	A.P.I. ROUND TUBING	15.75	15.75	4.76	5	137
4.501	10 TPI Int.	A.P.I. ROUND TUBING (BC)	15.75	15.75	4.76	3	137
4.537	10 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	15.47	15.47	4.76	3	135
4.804	10 TPI Int.	A.P.I. ROUND	25	15.475	5	7	137
4.810	10 TPI Ext.	A.P.I. ROUND	15.75	15.435	4.76	3	135

A.P.I.

Drill Pipe

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
2.424	4 TPI Ext.	V0.038 R PIN 4TPI - 2"TPF	7.72	25.4	5.8	1	56
2.425	4 TPI Int.	V0.038 R 2"TPF	7.72	25.4	5.8	1	64
2.428	4 TPI Ext.	V0.050 PIN 4TPI - 2"TPF	7.72	25.4	5.8	1	56
2.429	4 TPI Int.	V0.050 BOX 4TPI - 2"TPF	7.72	25.4	5.8	1	64
2.433	4 TPI Ext.	V0.038 R 3"TPF	7.72	25.4	5.8	1	56
2.434	4 TPI Ext.	V0.038 R 3"TPF	7.72	25.4	5.8	1	56
2.470	4 TPI Int.	V0.050 BOX 4TPI - 3"TPF	7.72	25.4	5.8	1	64
2.475	4 TPI Ext.	V0.050 PIN 4TPI - 3"TPF	7.72	25.4	5.8	1	56
3.1004	4 TPI Ext.	27ER 4API382	15.875	2.791	6.35	1.5	56
3.1005	4 TPI Ext.	27ER 4API383	15.875	2.911	6.35	1.5	56
3.1006	4 TPI Ext.	27ER 4API502	15.875	2.401	6.35	1.5	56
3.1008	4 TPI Int.	27NR 4API382	15.875	2.791	6.35	1.5	64
3.1009	4 TPI Int.	27NR 4API383	15.875	2.911	6.35	1.5	64
3.1010	4 TPI Int.	27NR 4API502	15.875	2.401	6.35	1.5	64
3.1024	4 TPI Ext.	27ER 4API503	15.875	2.101	6.35	1.5	56
3.1025	4 TPI Int.	27NR 4API503	15.875	2.101	6.35	1.5	64
2.426	5 TPI Ext.	V0.040 PIN 5TPI - 3"TPF	7.72	25.4	5.8	1	70
2.427	5 TPI Int.	V0.040 BOX 5TPI - 3"TPF	7.72	25.4	5.8	1	88
3.1007	5 TPI Ext.	27ER 5API403	15.875	3.211	6.35	1.5	70
3.1011	5 TPI Int.	27NR 5API403	15.875	3.211	6.35	1.5	88

A.P.I.

E.L.C.

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.171	6 TPI Int.	ELC spang Finishing	30	15.75	5	7	111
4.177	6 TPI Ext.	ELC spang Finishing	20	15.75	4.76	5	104
4.288	6 TPI Int.	ELC	30	15.75	4.76	6	112

A.P.I.

LINE PIPE

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.351/1	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.61	5.2	3	121
4.351/2	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.86	5.2	3	121
4.351/3	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15	5.2	3	121
4.398/1	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.24	5.2	3	122
4.398/2	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.49	5.2	3	122
4.398/3	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.63	5.2	3	122
4.399	8 TPI Int.	LINE PIPE	25	15.875	5	7	131
4.414	8 TPI Ext.	LINE PIPE	15.875	15.875	4.76	4	123
4.527	8 TPI Int.	LINE PIPE	15.875	15.875	4.76	4	132
4.526	11.5 TPI Int.	LINE PIPE (BC)	15.75	15.75	4.76	3	140
4.565/1	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.45	5.2	3	139
4.565/2	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.619	5.2	3	139
4.565/3	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.793	5.2	3	139

A.P.I.

USS SEAMLESS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.356	8 TPI Ext.	USS SEAMLESS TUBING	15.875	15.875	4.76	3	122
4.358	8 TPI Int.	USS SEAMLESS TUBING	15.875	15.875	4.76	3	131
4.522	8 TPI Int.	USS SEAMLESS TUBING	25	15.875	5	7	132
4.528	8 TPI Ext.	USS SEAMLESS TUBING	20	15.875	4.76	5	123
4.529/1	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.392	5.2	3	123
4.529/2	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.515	5.2	3	123
4.529/3	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.593	5.2	3	123
4.626	8 TPI Int.	USS SEAMLESS	15.875	15.875	4.76	4	133

Cylindrical round thread

Other

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.355	8 TPI Int.	Cylindrical round thread	25.45	15.75	5.2	7	131

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DIN

DIN405

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.915/1	4 TPI Ext.	DIN405 4TPI PIN n°1	17	16.58	5.2	2	62
4.915/2	4 TPI Ext.	DIN405 4TPI PIN n°2	17	16.9	5.2	2	62
4.915/3	4 TPI Ext.	DIN405 4TPI PIN n°3	17	17	5.2	2	62

E-S2F J2

Other

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.498	4 TPI Int.	E-S2F J2 BOX	12.7	15.4	4.76	1	66
4.499	4 TPI Ext.	E-S2F J2 PIN	12.7	15.4	4.76	1	58

GOST

NKM

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.508/1	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.467	5.2	3	106
4.508/2	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.687	5.2	3	106
4.508/3	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.85	5.2	3	106
4.770	6 TPI Int.	GOST NKM	15.875	15.875	4.76	2	115
4.786-1	6 TPI Ext.	NKM 6TPI PIN Roughing N°1	20	15.191	4.76	3	109
4.786-2	6 TPI Ext.	NKM 6TPI PIN Finishing N°2	20	15.382	4.76	4	109
4.866	6 TPI Int.	NKM 6TPI BOX PULLING	15.875	15.875	4.76	2	116

GOST

OTTG - OTTM - TBO

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.209	5 TPI Int.	GOST OTTG	12.7	12.5	4.76	1	89
4.241	5 TPI Int.	GOST OTTG - TBO	15.75	15.75	4.76	2	90
4.242	5 TPI Ext.	GOST OTTM - OTTG	15.75	15.75	4.76	3	72
4.243	5 TPI Int.	GOST OTTM	25	15.75	5	5	90
4.250/3	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	15	5.2	3	72
4.311	5 TPI Int.	GOST OTTM - PULLING	25	15.75	5	5	91
4.338	5 TPI Int.	GOST OTTM - OTTG - PULLING	15.75	15.75	4.76	2	91
4.416/1	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	14.6	5.2	3	75
4.416/2	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	14.86	5.2	3	75
4.416/3	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	15.02	5.2	3	75
4.422	5 TPI Ext.	GOST OTTG - TBO Protector	15.875	15.875	4.76	3	75
4.423	5 TPI Int.	GOST OTTG - TBO Protector	15.875	15.875	4.76	3	92
4.486	5 TPI Int.	GOST OTTM	15.875	15.875	4.76	3	93
4.758	5 TPI Int.	GOST OTTM - OTTG	15.75	15.75	4.76	2	97
4.795-1	5 TPI Ext.	OTTG - OTTM Roughing N°1	20	15.692	4.76	3	82
4.795-2	5 TPI Ext.	OTTG - OTTM Finishing N°2	20	15.909	4.76	3	82
4.957	5 TPI Int.	GOST OTTM - PULLING	15.875	15.75	4.76	3	102

NPT

LINE PIPE

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.637/3	8 TPI Ext.	NPT (Roughing 4.398-1 et 4.398-2)	16	15.715	5.2	3	124
4.636/3	11.5 TPI Ext.	NPT (Roughing 4.565-1 et 4.565-2)	16	14.826	5.2	3	139

NPT

NPT

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.715/1	8 TPI Ext.	NPT 8	15.875	15.477	4.76	3	125
4.715/2	8 TPI Ext.	NPT 8	15.875	15.631	4.76	3	125
4.715/3	8 TPI Ext.	NPT 8	15.875	15.875	4.76	3	125
4.715/4	8 TPI Ext.	NPT 8	15.875	15.263	4.76	3	125
4.653/1	11.5 TPI Ext.	NPT 11,5 - 1	12.7	12.39	6.35	3	139
4.653/2	11.5 TPI Ext.	NPT 11,5 - 2	12.7	12.533	6.35	3	139
4.653/3	11.5 TPI Ext.	NPT 11,5 - 4	12.7	12.5	6.35	4	139
4.653/4	11.5 TPI Ext.	NPT 11,5 - 4	12.7	12.268	6.35	3	139
4.654/1	14 TPI Ext.	NPT 14	12.7	12.3	6.35	3	141
4.654/2	14 TPI Ext.	NPT 14	12.7	12.38	6.35	3	141
4.654/3	14 TPI Ext.	NPT 14	12.7	12.595	6.35	4	141
4.654/4	14 TPI Ext.	NPT 14	12.7	12.21	6.35	3	141

PREMIUM

A-DMS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.516	5 TPI Ext.	A-DMS	15.75	15.75	4.76	1	77
4.517	5 TPI Int.	A-DMS	15.75	15.75	4.76	1	93
4.518	6 TPI Ext.	A-DMS	15.75	15.75	4.76	1	106
4.519	6 TPI Int.	A-DMS	15.75	15.75	4.76	1	112

PREMIUM

Baoshan Iron & Steel

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.926	5 TPI Ext.	BGC 1/16 5TPI PIN	25	15.875	5	5	85
4.940-2	5 TPI Ext.	BGC 1/16 5TPI PIN	20	15.875	4.76	4	86
4.968	5 TPI Int.	BGC 5TPI BOX Roughing	15.75	15.64	4.76	1	102
4.969	5 TPI Int.	BGC 5TPI BOX Pulling Roughing	15.75	15.5	4.76	2	102
4.924	8 TPI Ext.	BGT1 8TPI PIN	15.875	15.875	4.76	3	127
4.925	8 TPI Ext.	BGT8 8TPI PIN	12.7	15.875	4.76	1	127
4.927	8 TPI Int.	BGT8 8TPI BOX	15.875	15.875	4.76	1	134
4.941-1	8 TPI Ext.	BGT1 8TPI PIN N°1	15.875	15.77	4.76	3	127
4.941-2	8 TPI Ext.	BGT1 8TPI PIN N°2	15.875	15.875	4.76	4	127

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PREMIUM

Grant Prideco

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
3.909	4 TPI Ext.	Drill Collar 4TPI PIN	15.88	1.907	6.35	1	57

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Threading-
inserts**PREMIUM**

INTERLOCK

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.458	3 TPI Ext.	INTERLOCK - (TC2273)	15.875	15.875	4.76	2	52
4.459	3 TPI Int.	INTERLOCK - (TO2274)	15.875	15.875	4.76	1	54
4.456	4 TPI Ext.	INTERLOCK - (TO2443)	15.875	15.875	4.76	2	58
4.457	4 TPI Int.	INTERLOCK - (TO2444)	15.875	15.875	4.76	1	66
4.452	5 TPI Ext.	INTERLOCK - (TO0272)	15.875	15.875	4.76	3	76
4.453	5 TPI Int.	INTERLOCK - (TO0274)	15.875	15.875	4.76	1	93
4.454	5 TPI Ext.	INTERLOCK - (TO0274)	15.875	15.875	4.76	3	76
4.455	5 TPI Int.	INTERLOCK - (TO0275)	15.875	15.875	4.76	1	93
4.669	5 TPI Ext.	INTERLOCK - (MO2765)	15.875	15.875	4.76	3	79
4.714	5 TPI Ext.	INTERLOCK - (MO0929)	15.875	15.875	4.76	3	80
4.722	8 TPI Ext.	INTERLOCK - (MO0585)	15.875	15.875	4.76	5	125

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Shim seats

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Chip
breakers

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PREMIUM

JFE BEAR

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.985	5 TPI Ext.	JFE BEAR 5TPI PIN	15.875	15.875	4.76	3	87
4.986	5 TPI Int.	JFE BEAR 5TPI BOX	15.875	15.875	4.76	1.5	103
4.987	5 TPI Int.	JFE BEAR 5TPI BOX PULLING	15.875	15.875	4.76	1.5	103

PREMIUM

KS BEAR

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.843	5 TPI Ext.	KS BEAR 5TPI PIN	15.875	15.875	4.76	3	84
4.844	5 TPI Int.	KS BEAR 5TPI BOX	15.875	15.875	4.76	1	99
4.888	5 TPI Int.	KS BEAR 5TPI BOX PULLING	15.875	15.875	4.76	1	100
4.920	5 TPI Int.	JFE BEAR 5TPI BOX Roughing	15.875	15.875	4.76	2	102
4.967	5 TPI Int.	JFE BEAR 5TPI BOX Roughing	15.875	15.875	4.76	1	102
4.948	6 TPI Int.	JFE BEAR 6TPI 1/16 BOX	15.875	15.875	4.76	1	116

PREMIUM

Other

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.205	5 TPI Int.	Premium Joint + VAM 5TPI Box	15.75	15.75	4.76	1	89
4.521	5 TPI Int.	PREMIUM JOINT	15.75	15.75	4.76	2	93
4.700	5 TPI Int.	PREMIUM JOINT - PULLING	15.875	15.875	4.76	2	96

PREMIUM

Other

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.850	5 TPI Int.	PREMIUM TPCO 5TPI BOX	15.875	15.75	4.76	2	99
4.889	5 TPI Int.	PREMIUM 5TPI BOX	15.75	15.75	4.76	1	100
4.333	6 TPI Int.	PREMIUM JOINT	15.875	15.75	4.76	1	112
4.540-1	6 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	14.985	4.76	3	106
4.540-2	6 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15.133	4.76	3	106
4.712	6 TPI Int.	V.Special 6 TPI BOX	15.875	15.875	4.76	1	114
4.713	6 TPI Ext.	V.Special 6 TPI PIN	15.875	15.875	4.76	4	109
4.327	8 TPI Int.	PREMIUM JOINT	15.75	15.75	4.76	2	130
4.331	8 TPI Int.	PREMIUM JOINT	15.875	15.75	4.76	1	130
4.541-1	8 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15	4.76	3	123
4.541-2	8 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15.133	4.76	4	124

PREMIUM

STT

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.788	6 TPI Ext.	STT 6TPI PIN	15.875	15.875	4.76	1	109
4.789	6 TPI Int.	STT 6TPI BOX	15.875	15.875	4.76	1	115

PREMIUM

SUPERMAX

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.813	8 TPI Int.	SUPERMAX 8TPI BOX	15.875	15.875	4.76	3	134
4.814	8 TPI Ext.	SUPERMAX 8TPI PIN	15.875	15.875	4.76	3	126

PREMIUM

SUPREME LX

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.756	5.5 TPI Ext.	SUPREME LX 5.5TPI PIN	15.875	15.875	4.76	1	81

PREMIUM

UPJ

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.824	5 TPI Ext.	UPJ CASING 513/8 PIN	15.875	15.875	4.76	3	83
4.825	5 TPI Int.	UPJ CASING 513/8 BOX	15.75	15.75	4.76	1	99
4.828	6 TPI Ext.	UPJ TUBING 3/2-4/2 PIN	15.875	15.75	4.76	4	109
4.829	6 TPI Int.	UPJ TUBING 3/2-4/2 BOX	15.875	15.75	4.76	1	115
4.826	8 TPI Ext.	UPJ TUBING 2/8-2/8 PIN	15.875	15.75	4.76	4	126
4.827	8 TPI Int.	UPJ TUBING 2/8-2/8 BOX	15.875	15.75	4.76	1	134

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PREMIUM

WARM

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.897-hc	5 TPI Int.	WARM 5TPI BOX	15.75	15.75	4.76	1	101
4.898-hc	5 TPI Int.	WARM 5TPI BOX PULLING	15.75	15.75	4.76	2	101
4.897	5 TPI Int.	WARM 5TPI BOX	15.75	15.75	4.76	1	101
4.898	5 TPI Int.	WARM 5TPI BOX PULLING	15.75	15.75	4.76	2	101

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TENARIS

A.M.S.

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.831	5 TPI Ext.	AMS F 5TPI Ext.	15.875	15.875	4.76	1	83
4.832	5 TPI Int.	AMS F 5TPI Int.	15.875	15.875	4.76	1	99

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Chip breakers

TENARIS

Atlas Bradford

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.533	4 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	66
4.550	4 TPI Ext.	A.B. TC II	25	15.875	5	4	58
4.555-1	4 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.785	4.76	3	59
4.555-2	4 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.987	4.76	3	59
4.570	4 TPI Int.	A.B. BTB	15.875	15.875	4.76	2	66
4.571	4 TPI Ext.	A.B. BTB 1" TPF	25	15.875	5	4	59
4.635-1	4 TPI Ext.	A.B. 3x25° 0,75" TPF	20	16.028	4.76	3	60
4.635-2	4 TPI Ext.	A.B. 3x25° 0,75" TPF	20	16.232	4.76	3	60
4.695/1	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.43	5.2	3	60
4.695/2	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.707	5.2	3	60
4.695/3	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.875	5.2	3	61
4.802	4 TPI Int.	A.B. TC II	15.875	15.875	4.76	1.5	68
4.483	5 TPI Ext.	A.B. TC II	25	15.875	5	5	76
4.484	5 TPI Ext.	A.B. TC II	15.875	15.875	4.76	3	77
4.490-1	5 TPI Ext.	A.B. 1-1/8" TPF	15.875	15.875	4.76	1	77
4.490-2	5 TPI Ext.	A.B. 1-1/8" TPF	15.875	15.875	4.76	1	77
4.538	5 TPI Int.	A.B. TC II	15.875	15.875	4.76	1	94
4.539	5 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	94
4.551	5 TPI Int.	A.B. ST-L 1.1/8" TPF - PULLING	15.875	15.875	4.76	2	94
4.554-1	5 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.386	4.76	3	77
4.554-2	5 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.567	4.76	4	77
4.561	5 TPI Int.	A.B. ST-L 3/4" TPF - PULLING	15.875	15.875	4.76	2	94
4.563	5 TPI Int.	A.B. ST-L 1.6" TPF - PULLING	15.875	15.875	4.76	2	94
4.564	5 TPI Ext.	A.B. ST-L 1.6" TPF	15.875	15.875	4.76	1.5	78
4.615-1	5 TPI Int.	A.B. ST-L 1 1/8" TPF - PULLING	15.875	15.875	4.76	2	95
4.615-2	5 TPI Int.	A.B. ST-L 1 1/8" TPF - PULLING	15.875	15.875	4.76	2	95
4.696/1	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.301	5.2	3	80
4.696/2	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.524	5.2	3	80
4.696/3	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.678	5.2	3	80
4.1003	5 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	88
4.481	6 TPI Ext.	A.B. TC4S	20	15.875	4.76	4	105

TENARIS

Atlas Bradford

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.482	6 TPI Ext.	A.B. TC4S	15.875	15.875	4.76	3	105
2.491	6 TPI Int.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	111
2.492	6 TPI Ext.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	104
4.545	6 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	113
4.548	6 TPI Int.	A.B. TC4S	15.875	15.875	4.76	1	113
4.553-1	6 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.402	4.76	3	106
4.553-2	6 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.569	4.76	4	106
4.556-1	6 TPI Ext.	A.B. TC4S - Set for CERATIZIT Tooling	20	15.168	4.76	3	107
4.556-2	6 TPI Ext.	A.B. TC4S - Set for CERATIZIT Tooling	20	15.315	4.76	4	107
4.581	6 TPI Int.	A.B. TC4S - PULLING	15.875	15.875	4.76	2	113
2.493	8 TPI Int.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	129
2.494	8 TPI Ext.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	119
4.535	8 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	132
4.547	8 TPI Int.	A.B. TC4S	15.875	15.875	4.76	1	132
4.559	8 TPI Ext.	A.B. TC4S	15.875	15.875	4.76	4	124
4.580	8 TPI Int.	A.B. TC4S - PULLING	15.875	15.875	4.76	2	132
4.599-1	8 TPI Int.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	133
4.599-2	8 TPI Int.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	133
4.604-1	8 TPI Ext.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	124
4.604-2	8 TPI Ext.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	124
4.779	8 TPI Int.	A.B. A.NJO	15.875	15.875	4.76	1	134

TENARIS

Atlas Bradford ANJO

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.778	4 TPI Int.	AB-ANJO 4TPI 3/4"TPF (0.067RH) Int.	15.875	15.875	4.76	1	68
4.780	5 TPI Int.	AB-ANJO 5TPI 3/4"TPF (0.061RH) Int.	15.875	15.875	4.76	1	98
4.781	6 TPI Int.	AB-ANJO 6TPI 3/4"TPF (0.0445RH) Int.	15.875	15.875	4.76	1	115
4.782	6 TPI Int.	AB-ANJO 6TPI 3/4"TPF (0.052RH) Int.	15.875	15.875	4.76	1	115

TENARIS

Atlas Bradford HDL

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.430	5 TPI Ext.	AB-HDL 5TPI 1.50"TPF (0.050RH) Ext.	15.75	15.75	4.76	1	75
4.431	5 TPI Int.	AB-HDL 5TPI 1.50"TPF (0.050RH) Int.	15.75	15.75	4.76	1	93
4.658	5 TPI Ext.	AB-HDL 5TPI 3/4"TPF (0.040RH) Ext.	15.875	15.875	4.76	1	79
4.659	5 TPI Int.	AB-HDL 5TPI 3/4"TPF (0.040RH) Int.	15.875	15.875	4.76	1	96
4.660	5 TPI Ext.	AB-HDL 5TPI 1.00"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
4.661	5 TPI Int.	AB-HDL 5TPI 1.00"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
4.662	5 TPI Ext.	AB-HDL 5TPI 1.25"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
4.663	5 TPI Int.	AB-HDL 5TPI 1.25"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
4.664	5 TPI Ext.	AB-HDL 5TPI 1.75"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
4.665	5 TPI Int.	AB-HDL 5TPI 1.75"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
4.666	6 TPI Ext.	AB-HDL 6TPI 3/4"TPF (0.032RH) Ext.	15.875	15.875	4.76	1	108
4.667	6 TPI Int.	AB-HDL 6TPI 3/4"TPF (0.032RH) Int.	15.875	15.875	4.76	1	114

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Atlas Bradford NJO

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.603-1	4 TPI Int.	AB-NJO 4TPI 3/4"TPF Int. - Set (2)	15.875	15.875	4.76	1	67
4.603-2	4 TPI Int.	AB-NJO 4TPI 3/4"TPF (0.067RH) Int. - Set (2)	15.875	15.875	4.76	1	67
4.602-1	5 TPI Int.	AB-NJO 5TPI 3/4"TPF Int. - Set (2)	15.875	15.875	4.76	1	95
4.602-2	5 TPI Int.	AB-NJO 5TPI 3/4"TPF (0.061RH) Int. - Set (2)	15.875	15.875	4.76	1	95
4.600-1	6 TPI Int.	AB-NJO 6TPI 3/4"TPF Int. - Set (2)	15.875	15.875	4.76	1	113
4.600-2	6 TPI Int.	AB-NJO 6TPI 3/4"TPF (0.0445RH) Int. - Set (2)	15.875	15.875	4.76	1	114
4.601-1	6 TPI Int.	AB-NJO 6TPI 3/4"TPF Int. - Set (2)	15.875	15.875	4.76	1	114
4.601-2	6 TPI Int.	AB-NJO 6TPI 3/4"TPF (0.052RH) Int. - Set (2)	15.875	15.875	4.76	1	114

TENARIS

Atlas Bradford NJO/ANJO

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.608-1	4 TPI Ext.	AB-NJO/ANJO 4TPI 3/4"TPF Ext.	15.875	15.875	4.76	1	59
4.608-2	4 TPI Ext.	AB-NJO/ANJO 4TPI 3/4"TPF (0.062RH) Ext.	15.875	15.875	4.76	1	59
4.607-1	5 TPI Ext.	AB-NJO/ANJO 5TPI 3/4"TPF Ext.	15.875	15.875	4.76	1	78
4.607-2	5 TPI Ext.	AB-NJO/ANJO 5TPI 3/4"TPF (0.056RH) Ext.	15.875	15.875	4.76	1	78
4.605-1	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4"TPF Ext.	15.875	15.875	4.76	1	107
4.605-2	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4"TPF (0.041RH) Ext.	15.875	15.875	4.76	1	107
4.606-1	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4"TPF Ext.	15.875	15.875	4.76	1	107
4.606-2	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4"TPF (0.047RH) Ext.	15.875	15.875	4.76	1	107

TENARIS

Atlas Bradford RTS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.687	6 TPI Ext.	AB-RTS 6TPI Ext.	12.7	15.75	4.76	1	108
4.688	6 TPI Int.	AB-RTS 6TPI Int.	12.7	15.75	4.76	1	114
4.656	8 TPI Ext.	AB-RTS 8TPI Ext.	12.7	15.75	4.76	1	124
4.657	8 TPI Int.	AB-RTS 8TPI Int.	12.7	15.75	4.76	1	133

TENARIS

Atlas Bradford STL-2 ent.

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.560	5 TPI Ext.	AB-STL 5TPI 1.1/8"TPF Ext.	15.875	15.875	4.76	1.5	77
4.562	5 TPI Ext.	AB-STL 5TPI 3/4"TPF Ext.	15.875	15.875	4.76	1.5	77
4.572	5 TPI Int.	AB-STL 5TPI 3/4"TPF Int.	15.875	15.875	4.76	1.5	94
4.589	5 TPI Int.	AB-STL 5TPI 1.1/8"TPF Int.	15.875	15.875	4.76	1.5	95

TENARIS

Atlas Bradford TC II

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.502	4 TPI Ext.	AB-TC II 4TPI 3/4"TPF Ext.	20	15.875	4.76	3	58
4.532	4 TPI Int.	AB-TC II 4TPI Int.	15.875	15.875	4.76	1	66
4.503	6 TPI Ext.	AB-TC II 6TPI 3/4"TPF Ext.	20	15.875	4.76	4	106
4.544	6 TPI Int.	AB-TC II 6TPI Int.	15.875	15.875	4.76	1	113
4.504	8 TPI Ext.	AB-TC II 8TPI 3/4"TPF Ext.	15.875	15.875	4.76	4	123
4.534	8 TPI Int.	AB-TC II 8TPI Int.	15.875	15.875	4.76	1	132

TENARIS

FJ WP

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.873	4 TPI Int.	FJ WP 4TPI BOX	15.875	15.875	4.76	1	69
4.874	4 TPI Ext.	FJ WP 4TPI PIN	15.875	15.875	4.76	1	61

TENARIS

Hydril

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.861	4 TPI Ext.	HDL 4TPI PIN	15.875	15.875	4.76	1	61
4.862	4 TPI Int.	HDL 4TPI BOX	15.875	15.875	4.76	1	69
4.918	5 TPI Int.	HDL 5TPI 1"TPF BOX	15.875	15.875	4.76	1	102
2.514	6 TPI Ext.	HYDRILL 6 CS	7.72	25.4	5.8	1	104
2.515	6 TPI Int.	HYDRILL 6 CS	7.72	25.4	5.8	1	111

TENARIS

Other

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.693/1	6 TPI Ext.	SEC 6TPI EXT N°1	17	14.085	5.2	3	108
4.693/2	6 TPI Ext.	SEC 6TPI EXT N°2	17	14.26	5.2	3	108
4.693/3	6 TPI Ext.	SEC 6TPI EXT N°3	17	14.406	5.2	4	108
4.783	6 TPI Ext.	SUCKER ROD	12.7	12.7	4.76	1	109

TENARIS

Premium

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.485	5 TPI Int.	NEW PREMIUM JOINT SEC	15.875	15.875	4.76	1	93
4.403	6 TPI Ext.	PREMIUM JOINT D	13	15.75	4.76	1	105
4.405	6 TPI Ext.	SPJD Super C 6TPI Ext.	12.7	15.75	4.76	1	105
4.406	6 TPI Int.	SPJD Super C 6TPI Int.	12.7	15.75	4.76	1	112
4.609	6 TPI Int.	PREMIUM JOINT D - PULLING	15.875	15.875	4.76	2	114
4.404	8 TPI Ext.	PREMIUM JOINT D	13.6	15.75	4.76	1	123
2.496	8 TPI Ext.	SPJD CS 8TPI Ext.	7.72	25.4	5.8	1	119

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Premium

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
2.497	8 TPI Int.	SPJD CS 8TPI Int.	7.72	25.4	5.8	1	129
4.610	8 TPI Int.	PREMIUM JOINT D - PULLING	15.875	15.875	4.76	2	133
4.867	10 TPI Int.	BOMBEO PREMIUM 10TPI BOX	12.7	12.7	4.76	1	138
4.868	10 TPI Ext.	BOMBEO PREMIUM 10TPI PIN	12.7	12.7	4.76	1	136

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Threading-
inserts

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TENARIS

TenarisHydril BIG FLUSH

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.737	3 TPI Ext.	TSH BF 3TPI Ext.	15.875	15.875	4.76	1	53
4.738	3 TPI Int.	TSH BF 3 TPI Int.	15.875	15.875	4.76	1	55

Shim seats

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Chip
breakers**TENARIS**

TenarisHydril Blue

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.846	5 TPI Ext.	TSH Blue 5TPI Ext.	15.875	15.875	4.76	1	84

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TENARIS

TenarisHydril Blue + Blue SAGD

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.799	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.	25	15.875	5	5	61
4.811	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int.	15.875	15.875	4.76	1	68
4.812	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int. Pulling	15.875	15.875	4.76	2	68
4.951/1	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.36	5.2	3	63
4.951/2	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.67	5.2	3	63
4.951/3	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.875	5.2	3	63
4.981	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int.	15.875	15.875	4.76	1.5	69
4.1000	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int. Pulling	15.875	15.875	4.76	2	64

TENARIS

TenarisHydril Blue + PJD Csg

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.797	5 TPI Int.	TSH Blue + PJD Csg Int.	15.875	15.875	4.76	1	98
4.798	5 TPI Int.	TSH Blue + PJD Csg 5TPI Int. Pulling	15.875	15.875	4.76	2	98
4.980	5 TPI Int.	TSH Blue + PJD Csg Int.	15.875	15.875	4.76	1.5	103
4.1002	5 TPI Int.	TSH Blue + PJD Csg 5TPI Int. Pulling	15.875	15.875	4.76	2	88

TENARIS

TenarisHydril Blue + PJD Csg + SAGD 2 3/8

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.796	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	25	15.875	5	5	82
4.841	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	15.875	15.875	4.76	1	83
4.952/1	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.105	5.2	3	86
4.952/2	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.31	5.2	3	87
4.952/3	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.48	5.2	3	87

TENARIS

TenarisHydril Blue HW

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.936	3 TPI Int.	TSH Blue HW Hook 3TPI Int.	15.875	15.875	4.76	1.5	55
4.937	3 TPI Ext.	TSH Blue HW Hook 3TPI Ext.	25	15.875	5	3	53

TENARIS

TenarisHydril Blue Near Flush Taper 5%

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.895	4 TPI Ext.	TSH Blue NF - 5% - 4TPI Ext.	15.75	15.75	4.76	1	62
4.896	4 TPI Int.	TSH Blue NF - 5% - 4TPI Int.	15.75	15.75	4.76	1	69
4.893	5 TPI Ext.	TSH Blue NF - 5% - 5TPI Ext.	15.75	15.75	4.76	1	85
4.894	5 TPI Int.	TSH Blue NF - 5% - 5TPI Int.	15.75	15.75	4.76	1	101

TENARIS

TenarisHydril Blue Near Flush Taper 6,25%

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.856	4 TPI Ext.	TSH Blue NF - 6,25% - 4TPI Ext.	15.75	15.75	4.76	1	61
4.857	4 TPI Int.	TSH Blue NF - 6,25% - 4TPI Int.	15.75	15.75	4.76	1	69

TENARIS

TenarisHydril Blue Near Flush Taper 8,50%

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.858	4 TPI Ext.	TSH Blue NF - 8,50% - 4TPI Ext.	15.75	15.75	4.76	1	61
4.859	4 TPI Int.	TSH Blue NF - 8,50% - 4TPI Int.	15.75	15.75	4.76	1	69

TENARIS

TenarisHydril ER

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.360	3 TPI Ext.	TSH ER 3TPI Ext.	25	16.67	5	3	52
4.361	3 TPI Int.	TSH ER 3TPI Int.	15.75	15.75	4.76	1	54
4.990	3 TPI Int.	TSH ER 3TPI Int.	15.75	15.75	4.76	1.5	55

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TENARIS

TenarisHydril ER + MS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.237	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1	64
4.238	4 TPI Ext.	TSH ER + MS 4TPI Ext.	15.75	15.75	4.76	2	57
4.438	4 TPI Ext.	TSH ER + MS 4TPI Ext.	25	15.875	5	4	58
4.466	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1	66
4.467	4 TPI Ext.	TSH ER + MS 4TPI Ext.	15.75	15.75	4.76	2	58
4.583-1	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (2)	20	15.638	4.76	3	59
4.583-2	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (2)	20	15.875	4.76	3	59
4.668/1	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.375	5.2	3	60
4.668/2	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.677	5.2	3	60
4.668/3	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.875	5.2	3	60
4.979	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1.5	69

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Shim seats

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Chip
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TenarisHydril HW + HWSL + New HWSL

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.761-1	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	20	15.616	4.76	3	81
4.761-2	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	20	15.875	4.76	4	81
4.762	5 TPI Int.	TSH HW + HWSL + NewHWSL 5TPI Int.	15.875	15.875	4.76	1	98
4.763	5 TPI Int.	TSH HW + HWSL + NewHWSL 5TPI Int. Pulling	15.875	15.875	4.76	2	98
4.790	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	25	15.875	5	5	82
4.942	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	15.875	15.875	4.76	1	86
4.988	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	15.875	15.875	4.76	2	87
4.1001	5 TPI Int.	TSH HW + HWSL + NewHWSL 5TPI Int.	15.875	15.875	4.76	1.5	88

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TENARIS

TenarisHydril MS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.573	4 TPI Int.	TSH MS 4TPI Int. Pulling	15.875	15.875	4.76	2	67
4.390	5 TPI Int.	TSH MS 5TPI Int.	15.75	15.75	4.76	1	92
4.391	5 TPI Ext.	TSH MS 5TPI Ext.	15.75	15.75	4.76	2	74
4.574	5 TPI Int.	TSH MS 5TPI Int. Pulling	15.875	15.875	4.76	2	95
4.584-1	5 TPI Ext.	TSH MS 5TPI Ext. - Set (2)	20	15.357	4.76	3	78
4.584-2	5 TPI Ext.	TSH MS 5TPI Ext. - Set (2)	20	15.539	4.76	3	78
4.689/1	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.271	5.2	3	79
4.689/2	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.495	5.2	3	79
4.689/3	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.65	5.2	3	79
4.392	6 TPI Int.	TSH MS 6TPI Int.	15.75	15.75	4.76	1	112
4.575	6 TPI Int.	TSH MS 6TPI Int. Pulling	15.875	15.875	4.76	2	113
4.585-1	6 TPI Ext.	TSH MS 6TPI Ext. - Set (2)	20	15.243	4.76	3	107
4.585-2	6 TPI Ext.	TSH MS 6TPI Ext. - Set (2)	20	15.412	4.76	4	107
4.691/1	6 TPI Ext.	TSH MS 6TPI Ext. - Set (3)	17	14.167	5.2	3	108
4.691/2	6 TPI Ext.	TSH MS 6TPI Ext. - Set (3)	17	14.372	5.2	3	108
4.691/3	6 TPI Ext.	TSH MS 6TPI Ext. - Set (3)	17	14.52	5.2	3	108
4.376	8 TPI Int.	TSH MS 8TPI Int.	15.75	15.75	4.76	1	131
4.576	8 TPI Int.	TSH MS 8TPI Int. Pulling	15.875	15.875	4.76	2	132

TENARIS

TenarisHydril MS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.692/1	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.189	5.2	3	124
4.692/2	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.383	5.2	3	125
4.692/3	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.52	5.2	3	125

TENARIS

TenarisHydril MS + MS XT/XC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.393	6 TPI Ext.	TSH MS + MS XT/XC 6TPI Ext.	15.75	15.75	4.76	2	105
4.377	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext.	15.75	15.75	4.76	2	122
4.697-1	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext. - Set (2)	20	15.259	4.76	3	125
4.697-2	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext. - Set (2)	20	15.412	4.76	4	125

TENARIS

TenarisHydril MS XT/XC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.739	4 TPI Ext.	TSH MS XT/XC 4TPI Ext.	25	15.875	5	4	61
4.740	4 TPI Int.	TSH MS XT/XC 4TPI Int.	15.875	15.875	4.76	1	67
4.771	4 TPI Int.	TSH MS XT/XC 4TPI Int. Pulling	15.875	15.875	4.76	2	68
4.775	5 TPI Int.	TSH MS XT/XC 5TPI Int. Pulling	15.875	15.875	4.76	2	98
4.767	6 TPI Int.	TSH MS XT/XC 6TPI Int.	15.75	15.75	4.76	1	115
4.776	6 TPI Int.	TSH MS XT/XC 6TPI Int. Pulling	15.875	15.875	4.76	2	115
4.769	8 TPI Int.	TSH MS XT/XC 8TPI Int.	15.75	15.75	4.76	1	134
4.777	8 TPI Int.	TSH MS XT/XC 8TPI Int. Pulling	15.875	15.875	4.76	2	134

TENARIS

TenarisHydril MS XT/XC + Blue SAGD

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.764	5 TPI Ext.	TSH MS XT/XC + Blue SAGD 5TPI Ext.	15.75	15.75	4.76	2	82
4.765	5 TPI Int.	TSH MS XT/XC + Blue SAGD 5TPI Int.	15.75	15.75	4.76	1	98

TENARIS

TenarisHydril MS28

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.388	4 TPI Int.	TSH MS28 4TPI Int.	15.75	15.75	4.76	1	66
4.577	4 TPI Int.	TSH MS28 4TPI Int. Pulling	15.875	15.875	4.76	2	67
4.369	5 TPI Int.	TSH MS28 5TPI Int.	15.75	15.75	4.76	1	92
4.372	5 TPI Ext.	TSH MS28 5TPI Ext.	15.75	15.75	4.76	1	74
4.578	5 TPI Int.	TSH MS28 5TPI Int. Pulling	15.875	15.875	4.76	2	95
4.587-1	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (2)	20	15.729	4.76	3	78
4.587-2	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (2)	20	15.875	4.76	4	78

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TENARIS

TenarisHydril MS28

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.690/1	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	13.938	5.2	2	80
4.690/2	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	14.141	5.2	3	80
4.690/3	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	14.265	5.2	3	80
4.773	5 TPI Ext.	TSH MS28 5TPI Ext.	15.875	15.875	4.76	3	82
4.818	5 TPI Ext.	TSH MS28 5TPI Ext.	15.75	15.75	4.76	1	83
4.374	6 TPI Int.	TSH MS28 6TPI Int.	15.75	15.75	4.76	1	112
4.375	6 TPI Ext.	TSH MS28 6TPI Ext.	15.75	15.75	4.76	1	105
4.579	6 TPI Int.	TSH MS28 6TPI Int. Pulling	15.875	15.875	4.76	2	113
4.698-1	6 TPI Ext.	TSH MS28 6TPI Ext. - Set (2)	20	15.629	4.76	3	108
4.698-2	6 TPI Ext.	TSH MS28 6TPI Ext. - Set (2)	20	15.775	4.76	4	109
4.1016	6 TPI Int.	TSH MS28 6TPI Int.	15.75	15.75	4.76	1.5	111

TENARIS

TenarisHydril MS28 + MS28 XT/XC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.389 M4	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext.	25	15.875	5	4	58
4.389	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext.	15.75	15.75	4.76	1	58
4.586-1	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	20	15.444	4.76	3	59
4.586-2	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	20	15.681	4.76	3	59

TENARIS

TenarisHydril MS28 XT/XC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.760	4 TPI Int.	TSH MS28 XT/XC 4TPI Int.	15.75	15.75	4.76	1	68
4.793	5 TPI Ext.	TSH MS28 XT/XC 5TPI Ext.	15.75	15.75	4.76	1	82
4.794	5 TPI Int.	TSH MS28 XT/XC 5TPI Int.	15.75	15.75	4.76	1	98

TENARIS

TenarisHydril PJD

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.345	6 TPI Int.	TSH PJD 6TPI Int.	15.75	15.75	4.76	1	112
4.346	6 TPI Ext.	TSH PJD 6TPI Ext.	15.75	15.75	4.76	2	104
4.230	8 TPI Int.	TSH PJD 8TPI Int.	15.75	15.75	4.76	1	130
4.231	8 TPI Ext.	TSH PJD 8TPI Ext.	15.75	15.75	4.76	2	120

TENARIS

TenarisHydril Riser

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.819	4 TPI Ext.	TSH RS 4TPI Ext.	15.875	15.875	4.76	2	61
4.820	4 TPI Int.	TSH RS 4TPI Int.	15.875	15.875	4.76	1.5	68

TENARIS

TenarisHydril 3SB

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.407	5 TPI Ext.	TSH 3SB 5 TPI Ext. (Roughing)	15.75	15.75	4.76	3	75
4.408	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.75	15.75	4.76	3	75
4.409	5 TPI Ext.	TSH 3SB 5TPI Ext. Shaving	12.7	12.7	5	1	75
4.411	5 TPI Int.	TSH 3SB 5 TPI Int. (Roughing)	15.75	15.75	4.76	2	92
4.412	5 TPI Int.	TSH 3SB 5TPI Int.	15.75	15.75	4.76	1.5	92
4.711	5 TPI Ext.	TSH 3SB 5TPI Ext.	25	15.875	5	5	80
4.724	5 TPI Int.	TSH 3SB 5TPI Int. Pulling	15.875	15.875	4.76	2	97
4.726/1	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	14.734	5.2	3	81
4.726/2	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	14.946	5.2	3	81
4.726/3	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	15.075	5.2	3	81
4.732-1	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (2)	20	15.779	4.76	3	81
4.732-2	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (2)	20	15.939	4.76	4	81
4.842	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.875	15.875	4.76	1	84
4.847	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.875	15.875	4.76	1.5	84
4.999	5 TPI Int.	TSH 3SB 5TPI Int. Pulling	15.875	15.875	4.76	2	103
4.489	8 TPI Int.	TSH 3SB 8TPI Int.	15.875	15.875	4.76	1.5	131
4.625	8 TPI Ext.	TSH 3SB 8TPI Ext.	15.875	15.875	4.76	5	124
4.725	8 TPI Int.	TSH 3SB 8TPI Int. Pulling	15.875	15.875	4.76	2	133
4.733-1	8 TPI Ext.	TSH 3SB 8TPI Ext. - Set (2)	15.875	15.315	4.76	4	126
4.733-2	8 TPI Ext.	TSH 3SB 8TPI Ext. - Set (2)	15.875	15.42	4.76	5	126

TMK

TMK FMT

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.963	6 TPI Ext.	TMK-FMT 6TPI PIN	15.875	15.75	4.76	4	110
4.965	6 TPI Int.	TMK-FMT 6TPI BOX	15.875	15.875	4.76	1	116
4.973/1	6 TPI Ext.	TMK-FMT 6TPI EXT N°1	17	14.085	5.2	3	110
4.973/2	6 TPI Ext.	TMK-FMT 6TPI EXT N°2	17	14.26	5.2	3	110
4.973/3	6 TPI Ext.	TMK-FMT 6TPI EXT N°3	17	14.406	5.2	4	110
4.962	8 TPI Ext.	TMK-FMT 8TPI PIN	15.875	15.75	4.76	4	128
4.964	8 TPI Int.	TMK-FMT 8TPI BOX	15.875	15.875	4.76	1	134

TMK

TMK GF

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.911	5 TPI Int.	TMK GF 5TPI BOX	15.875	15.875	4.76	1.5	101
4.912	5 TPI Ext.	TMK GF 5TPI PIN	15.875	15.875	4.76	3	85
4.913	5 TPI Int.	TMK GF 5TPI BOX PULLING	15.875	15.875	4.76	2	101

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BDS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.247	5 TPI Int.	BDS 8 - 2 Cutting edges	15.75	15.75	4.76	2	90
4.254	5 TPI Ext.	BDS 8 - 2 Cutting edges	19.5	19.5	6.35	2	72
4.296	5 TPI Ext.	BDS 16 - 2 Cutting edges	19.5	19.5	6.35	3	73
4.312	5 TPI Int.	BDS 16 - 2 Cutting edges	15.75	15.75	4.76	2	91

V&M

BIG OMEGA

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.211	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	16.76	8.3	3	52
4.212	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	15.97	8.3	2	52
4.213	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	16.41	8.3	2	52
4.229	3 TPI Ext.	BIG OMEGA	25	24.8	7.94	3	52
4.239-1	3 TPI Int.	BIG OMEGA	25	16.76	6.35	1	54
4.239-2	3 TPI Int.	BIG OMEGA	25	16.76	6.35	2	54
4.239-3	3 TPI Int.	BIG OMEGA	25	16.76	6.35	3	54
4.255	3 TPI Ext.	BIG OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	52
4.257	3 TPI Int.	BIG OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	54
4.449	3 TPI Int.	BIG OMEGA	25	20	7.94	3	54
4.645	3 TPI Ext.	BIG OMEGA - PULLING	15.875	15.875	4.76	2	53
4.646	3 TPI Int.	BIG OMEGA - PULLING	15.875	15.875	4.76	2	55
4.734	3 TPI Ext.	BIG OMEGA - Roughing	25	16	5	3	53

V&M

DINO VAM

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.616	3 TPI Int.	DINO VAM (8,33 %)	15.875	16.5	4.76	2	54
4.617	3 TPI Ext.	DINO VAM (8,33 %)	25	16.5	5	3	52
4.618	3 TPI Ext.	DINO VAM (8,33 %)	15.875	16.5	4.76	2	52
4.619	3 TPI Ext.	DINO VAM (12,5 %)	25	16.5	5	3	53
4.620	3 TPI Ext.	DINO VAM (12,5 %)	15.875	16.5	4.76	2	53
4.621	3 TPI Int.	DINO VAM (12,5 %)	15.875	16.5	4.76	2	54
4.640	3 TPI Int.	DINO VAM (8,33%) - PULLING	15.875	16.5	4.76	2	55
4.641	3 TPI Int.	DINO VAM (12,5%) - PULLING	15.875	16.67	4.76	2	55

V&M

HPC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.234	4 TPI Ext.	HPC 8 (9"5/8 to 14") - 2 Cutting edges	24.8	24.8	6.35	3	57
4.235	4 TPI Ext.	HPC 8 (9"5/8 to 14") - 2 Cutting edges	19.5	19.5	6.35	2	57
4.251	4 TPI Ext.	HPC 12 (14") - 2 Cutting edges	19.5	19.5	6.35	2	57
4.286	4 TPI Ext.	HPC 6 - 2 Cutting edges	19.5	19.5	6.35	2	57
4.304	4 TPI Int.	HPC 6 - 2 Cutting edges	15.75	15.75	4.76	1	65

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HPC

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.305	4 TPI Int.	HPC 8 - 2 Cutting edges	15.75	15.75	4.76	1	65
4.306	4 TPI Int.	HPC 12 - 2 Cutting edges	15.75	15.75	4.76	1	65
4.363	4 TPI Int.	HPC 6	15.75	15.75	4.76	1	65
4.364	4 TPI Int.	HPC 8	15.75	15.75	4.76	1	65
4.365	4 TPI Int.	HPC 12	15.75	15.75	4.76	1	65
4.383	4 TPI Int.	HPC 6	15.75	15.75	4.76	2	65
4.384	4 TPI Int.	HPC 8	15.75	15.75	4.76	2	65
4.385	4 TPI Int.	HPC 12	15.75	15.75	4.76	2	66
4.474	4 TPI Int.	HPC 6	19.05	24	6.35	2	66

V&M

MID OMEGA

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.310	4 TPI Int.	MID OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	65
4.316	4 TPI Ext.	MID OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	57
4.348/1	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.029	8.3	2	57
4.348/2	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.487	8.3	2	57
4.348/3	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.675	8.3	3	58

V&M

MUST

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.313	5 TPI Int.	MUST 12 - 2 Cutting edges	15.75	15.75	4.76	2	91
4.315	5 TPI Ext.	MUST 12 - 2 Cutting edges	19.5	19.5	6.35	2	73
4.347	5 TPI Int.	MUST 8 - 2 Cutting edges	15.75	15.75	4.76	2	92
4.354	5 TPI Ext.	MUST 8 - 2 Cutting edges	19.5	19.5	6.35	2	74
4.944	5 TPI Int.	VAM MUST 5TPI 1/10 BOX	15.875	15.875	4.76	1	102
4.945	5 TPI Ext.	VAM MUST 5TPI 1/10 PIN	15.875	15.875	4.76	1	86
4.946	5 TPI Int.	VAM MUST 5TPI 1/16 BOX	15.875	15.875	4.76	1	102
4.947	5 TPI Ext.	VAM MUST 5TPI 1/16 PIN	15.875	15.875	4.76	1	86

V&M

NEW VAM

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.869	5 TPI Int.	NEW VAM 5TPI Roughing	15.875	15.875	4.76	2	100
4.875	6 TPI Ext.	NEW VAM 6TPI PIN	12.7	12.7	4.76	2	110
4.876	6 TPI Ext.	NEW VAM 6TPI PIN Roughing	12.7	12.7	4.76	3	110

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Premium

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.266	5 TPI Int.	NEW PREMIUM JOINT V	15.875	15.875	4.76	1	90
4.287	5 TPI Int.	PREMIUM JOINT V 5TPI INT	15.75	13.75	4.76	1	90
4.349	5 TPI Int.	PREMIUM JOINT V	12.76	12.53	4.76	2	92
4.350	5 TPI Int.	PREMIUM JOINT V	12.74	12.54		1	92
2.441	5 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	70
2.442	5 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	88
4.463	5 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	93
4.989	5 TPI Int.	NEW PREMIUM JOINT 5TPI Int.	15.875	15.875	4.76	1.5	103
4.192	6 TPI Int.	PREMIUM JOINT V	12.7	12.5	4.76	1	111
4.193	6 TPI Int.	PREMIUM JOINT V - Roughing	12.7	12.5	4.76	2	111
4.200	6 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	3	104
4.217	6 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	4	104
4.282	6 TPI Int.	NEW PREMIUM JOINT 6 TPI Int. 1dent	15.875	15.75	4.76	1	111
2.443	6 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	104
2.444	6 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	111
4.594	6 TPI Int.	PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	113
4.596	6 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	113
4.611	6 TPI Int.	PREMIUM JOINT V ACE	15.875	15.7	4.76	1	114
4.612	6 TPI Ext.	PREMIUM JOINT V ACE	15.875	15.7	4.76	1	107
4.921	6 TPI Int.	New Premium Joint V 6TPI Int - (Tooth and a 1/2)	15.875	15.75	4.76	1.5	116
4.194	8 TPI Ext.	NEW PREMIUM JOINT V	15.875	15.75	4.76	3	120
4.210	8 TPI Int.	PREMIUM JOINT V	12.7	12.5	4.76	1	129
4.218	8 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	4	120
4.263	8 TPI Int.	NEW PREMIUM JOINT V	15.875	15.75	4.76	1	130
4.337	8 TPI Ext.	PREMIUM JOINT V	15.75	15.75	4.76	4	121
2.445	8 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	119
2.446	8 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	129
4.595	8 TPI Int.	PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	133
4.597	8 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	133
4.598	8 TPI Int.	NEW PREMIUM JOINT V - 2 Cutting edges	15.75	15.75	4.76	1	133

V&M

TDS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.309	6 TPI Ext.	TDS 6 - 2 Cutting edges	19.5	19.5	6.35	3	104
4.314	6 TPI Int.	TDS 6 - 2 Cutting edges	15.75	15.75	4.76	1	112
4.366	6 TPI Int.	TDS 6	15.75	15.75	4.76	1	112
4.394/1	6 TPI Ext.	TDS 6 - Set for rotating tools	17	13.932	5.2	2	105
4.394/2	6 TPI Ext.	TDS 6 - Set for rotating tools	17	14.126	5.2	2	105
4.394/3	6 TPI Ext.	TDS 6 - Set for rotating tools	17	14.28	5.2	3	105
2.465	6 TPI Ext.	TDS 6 3/4"TPF	7.72	25.4	5.8	1	104
2.469	6 TPI Int.	TDS 6 3/4"TPF	7.72	25.4	5.8	1	111
4.295	8 TPI Ext.	TDS 8 - 2 Cutting edges	19.5	19.5	6.35	3	120
4.297	8 TPI Int.	TDS 8 - 2 Cutting edges	15.75	15.75	4.76	1	130
4.362	8 TPI Int.	TDS 8	15.75	15.75	4.76	1	131
4.370/1	8 TPI Ext.	TDS 8 - Set for rotating tools	17	13.964	5.2	2	122
4.370/2	8 TPI Ext.	TDS 8 - Set for rotating tools	17	14.147	5.2	2	122

V&M

TDS

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.370/3	8 TPI Ext.	TDS 8 - Set for rotating tools	17	14.28	5.2	3	122
2.464	8 TPI Ext.	TDS 8 3/4"TPF	7.72	25.4	5.8	1	119
2.468	8 TPI Int.	TDS 8 3/4"TPF	7.72	25.4	5.8	1	129
4.569	8 TPI Ext.	TDS 8	15.875	15.875	4.76	3	124

V&M

VAM ACE

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.631	4 TPI Ext.	VAM ACE CASING	15.875	15.875	4.76	1	60
4.632	4 TPI Int.	VAM ACE CASING	15.875	15.875	4.76	1	67
4.629	5 TPI Ext.	VAM ACE CASING	15.875	15.875	4.76	1	78
4.630	5 TPI Int.	VAM ACE CASING	15.875	15.875	4.76	1	96

V&M

VAM FJL

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.903	6.35 TPI Ext.	VAM FJL 6.35TPI 1/16 PIN	15.875	15.875	4.76	1	110
4.904	6.35 TPI Int.	VAM FJL 6.35TPI 1/16 BOX	15.875	15.875	4.76	1	116
4.905	6.35 TPI Ext.	VAM FJL 6.35TPI PIN	15.875	15.875	4.76	1	110
4.906	6.35 TPI Int.	VAM FJL 6.35TPI BOX	15.875	15.875	4.76	1	116

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VAM FJL-HW

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.627	5 TPI Ext.	VAM FJL-HW CASING	15.875	15.875	4.76	1	78
4.628	5 TPI Int.	VAM FJL-HW CASING	15.875	15.875	4.76	1	95

V&M

VAM HW-ST

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.633	4 TPI Ext.	VAM HWST CASING	15.875	16.5	4.76	1	60
4.634	4 TPI Int.	VAM HWST CASING	15.875	16.5	4.76	1	67
4.901	4 TPI Ext.	VAM HW-ST 4TPI PIN h=2.4	25	15.875	5	4	62
4.902	4 TPI Ext.	VAM HW-ST 4TPI PIN h=1.982	25	15.875	5	4	62

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VAM SLIJ

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.638	5 TPI Int.	VAM SLIJ	20	15.875	4.76	2	96
4.639	5 TPI Ext.	VAM SLIJ	20	15.875	4.76	2	79

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V&M

VAM SLIJ-II

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.709	6 TPI Int.	VAM SLIJ-II	15.875	15.875	4.76	2	114
4.710	6 TPI Ext.	VAM SLIJ-II	15.875	15.875	4.76	2	109
4.754	7 TPI Int.	VAM SLIJ-II	15.875	15.875	4.76	2	118
4.755	7 TPI Ext.	VAM SLIJ-II	15.875	15.875	4.76	2	117

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Shim seats

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Chip
breakers

V&M

VAM TOP

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.916	3.4 TPI Ext.	VAM TOP NA - 2 cutting edges	19.5	19.5	6.35	2	53
4.673	4 TPI Int.	VAM TOP CASING	19	19	6.35	2	67
4.731	4 TPI Int.	VAM TOP CASING Finishing	15.875	15.875	4.76	1	67
4.774	4 TPI Int.	VAM TOP CASING Roughing	15.875	15.875	4.76	2	68
4.791	4 TPI Ext.	VAM TOP	25	15.875	5	4	61
4.848	4 TPI Int.	VAM TOP 4TPI BOX	15.875	15.875	4.76	2	68
4.880	4 TPI Ext.	VAM TOP 4TPI PIN	12.7	12.5	4.76	2	62
4.881	4 TPI Ext.	VAM TOP 4TPI PIN Roughing	20	15.875	4.76	3	62
4.884	4 TPI Int.	VAM TOP 4TPI BOX	12.7	12.7	4.76	2	69
4.891	4 TPI Int.	VAM TOP 4TPI BOX	12.7	12.5	4.76	2	69
4.917	4 TPI Ext.	VAM TOP 4TPI PIN Roughing	25	15.66	5	4	62
4.823	5 TPI Int.	VAM TOP CASING 5TPI BOX	15.875	15.875	4.76	2	99
4.854	5 TPI Ext.	VAM TOP 5TPI PIN	25	15.875	5	5	84
4.877	5 TPI Int.	VAM TOP 5TPI BOX	15.875	15.875	4.76	1	100
4.878	5 TPI Int.	VAM TOP 5TPI BOX Roughing	15.875	15.875	4.76	2	100
4.879	5 TPI Ext.	VAM TOP 5TPI PIN	12.7	12.7	4.76	2	85
4.885	5 TPI Int.	VAM TOP 5TPI BOX	12.7	12.7	4.76	2	100
4.892	5 TPI Int.	VAM TOP 5TPI BOX	12.7	12.5	4.76	2	101
4.837	6 TPI Ext.	VAM TOP / VAM TOP HT 6TPI PIN	15.875	15.875	4.76	4	109
4.838	6 TPI Int.	VAM TOP TUBING 6TPI BOX ROUGHING	15.875	15.875	4.76	2	115
4.839	6 TPI Int.	VAM TOP TUBING 6TPI BOX FINISHING	15.875	15.875	4.76	1	115
4.919	6 TPI Int.	VAM TOP HT 6TPI BOX	15.875	15.875	4.76	1	116
4.930	6 TPI Ext.	VAM TOP 6TPI PIN Roughing	15.875	15.31	4.76	3	110
4.933	8 TPI Ext.	VAM TOP 8TPI PIN	15.875	15.875	4.76	2	127
4.934	8 TPI Ext.	VAM TOP 8TPI PIN Roughing	15.875	15.87	4.76	4	127
4.943	8 TPI Int.	VAM TOP 8TPI BOX	15.875	15.875	4.76	1	134

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VAF

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.530	5 TPI Ext.	PREMIUM JOINT VAF TUBING	15.75	15.35	4.76	1	77
4.531	5 TPI Int.	PREMIUM JOINT VAF MANCHON	15.75	15.15	4.76	1	94
4.890	5 TPI Int.	VAF 5TPI BOX PULLING	15.75	15.75	4.76	1	101

Voest Alpine

VAGT

Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.245	5 TPI Int.	PREMIUM JOINT VAGT CASING	15.75	15.75	4.76	2	90
4.246	5 TPI Ext.	PREMIUM JOINT VAGT CASING	25	15.75	5	4	72
4.970	5 TPI Int.	VAGT 5TPI BOX	15.75	15.75	4.76	2	102
4.546	8 TPI Int.	PREMIUM JOINT VAGT SP	15.875	15.875	4.76	4	132

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11-50	2.424	4 TPI Ext.	V0.038 R PIN 4TPI - 2"TPF	7.72	25.4	5.8	1	56
	2.425	4 TPI Int.	V0.038 R 2"TPF	7.72	25.4	5.8	1	64
	2.426	5 TPI Ext.	V0.040 PIN 5TPI - 3"TPF	7.72	25.4	5.8	1	70
	2.427	5 TPI Int.	V0.040 BOX 5TPI - 3"TPF	7.72	25.4	5.8	1	88
	2.428	4 TPI Ext.	V0.050 PIN 4TPI - 2"TPF	7.72	25.4	5.8	1	56
Threading-inserts	2.429	4 TPI Int.	V0.050 BOX 4TPI - 2"TPF	7.72	25.4	5.8	1	64
	2.433	4 TPI Ext.	V0.038 R 3"TPF	7.72	25.4	5.8	1	56
	2.434	4 TPI Ext.	V0.038 R 3"TPF	7.72	25.4	5.8	1	56
	2.439	8 TPI Ext.	A.P.I. ROUND CASING	7.72	25.4	5.8	1	119
	2.440	8 TPI Int.	A.P.I. ROUND CASING	7.72	25.4	5.8	1	129
52-141	2.441	5 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	70
	2.442	5 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	88
	2.443	6 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	104
	2.444	6 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	111
	2.445	8 TPI Ext.	PREMIUM JOINT V	7.72	25.4	5.8	1	119
Shim seats	2.446	8 TPI Int.	PREMIUM JOINT V	7.72	25.4	5.8	1	129
	2.448	10 TPI Ext.	A.P.I. ROUND TUBING	7.72	25.4	5.8	1	135
	2.464	8 TPI Ext.	TDS 8 3/4"TPF	7.72	25.4	5.8	1	119
	2.465	6 TPI Ext.	TDS 6 3/4"TPF	7.72	25.4	5.8	1	104
	2.468	8 TPI Int.	TDS 8 3/4"TPF	7.72	25.4	5.8	1	129
Chip breakers	2.469	6 TPI Int.	TDS 6 3/4"TPF	7.72	25.4	5.8	1	111
	2.470	4 TPI Int.	V0.050 BOX 4TPI - 3"TPF	7.72	25.4	5.8	1	64
	2.475	4 TPI Ext.	V0.050 PIN 4TPI - 3"TPF	7.72	25.4	5.8	1	56
	2.478	5 TPI Ext.	A.P.I. BUTTRESS 1/16	7.72	25.4	5.8	1	70
	2.479	5 TPI Int.	A.P.I. BUTTRESS 1/16	7.72	25.4	5.8	1	88
142-153	2.491	6 TPI Int.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	111
	2.492	6 TPI Ext.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	104
	2.493	8 TPI Int.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	129
	2.494	8 TPI Ext.	ATLAS BRADFORD FL4S - 1-1/8" TPF	7.72	25.4	5.8	1	119
	2.496	8 TPI Ext.	SPJD CS 8TPI Ext.	7.72	25.4	5.8	1	119
154-174	2.497	8 TPI Int.	SPJD CS 8TPI Int.	7.72	25.4	5.8	1	129
	2.514	6 TPI Ext.	HYDRILL 6 CS	7.72	25.4	5.8	1	104
	2.515	6 TPI Int.	HYDRILL 6 CS	7.72	25.4	5.8	1	111
	2.717	5 TPI Ext.	A.P.I. BUTTRESS 1/12	7.72	25.4	5.8	1	70
	2.718	5 TPI Int.	A.P.I. BUTTRESS 1/12	7.72	25.4	5.8	1	88
	3.909	4 TPI Ext.	Drill Collar 4TPI PIN	15.88	1.907	6.35	1	57
	3.1004	4 TPI Ext.	27ER 4API382	15.875	2.791	6.35	1.5	56
	3.1005	4 TPI Ext.	27ER 4API383	15.875	2.911	6.35	1.5	56
	3.1006	4 TPI Ext.	27ER 4API502	15.875	2.401	6.35	1.5	56
	3.1007	5 TPI Ext.	27ER 5API403	15.875	3.211	6.35	1.5	70
	3.1008	4 TPI Int.	27NR 4API382	15.875	2.791	6.35	1.5	64
	3.1009	4 TPI Int.	27NR 4API383	15.875	2.911	6.35	1.5	64
	3.1010	4 TPI Int.	27NR 4API502	15.875	2.401	6.35	1.5	64
	3.1011	5 TPI Int.	27NR 5API403	15.875	3.211	6.35	1.5	88
	3.1024	4 TPI Ext.	27ER 4API503	15.875	2.101	6.35	1.5	56
	3.1025	4 TPI Int.	27NR 4API503	15.875	2.101	6.35	1.5	64
	4.145	8 TPI Ext.	A.P.I. ROUND CASING	15.75	15.84	4.76	3	119
	4.146	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	15.75	15.84	4.76	3	70
	4.147	5 TPI Ext.	BUTTRESS FINISHING 5TPI PIN	15.75	15.871	4.76	3	70
	4.147-CE	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	15.75	15.875	4.76	3	70
	4.160	5 TPI Int.	PROTECTEUR BUTTRESS 5TPI INT	15.75	15.75	4.76	3	88
	4.161	8 TPI Int.	A.P.I. ROUND CASING PROTECTOR	15.75	15.75	4.76	4	129

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4.163	10 TPI Int.	A.P.I. ROUND TUBING	25	14.5	5	7	137
4.164	8 TPI Int.	A.P.I. ROUND	25	14.9	5	7	129
4.165	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	89
4.167	10 TPI Ext.	A.P.I. ROUND TUBING	15.75	15.435	4.76	3	135
4.168	8 TPI Ext.	A.P.I. ROUND TUBING	15.75	15.84	4.76	3	119
4.171	6 TPI Int.	ELC spang Finishing	30	15.75	5	7	111
4.177	6 TPI Ext.	ELC spang Finishing	20	15.75	4.76	5	104
4.180	5 TPI Ext.	A.P.I. BUTTRESS 1/12	15.875	15.84	4.76	3	70
4.181	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	89
4.182/1	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.62	5.2	3	119
4.182/2	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.87	5.2	3	119
4.182/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15	5.2	3	120
4.183/1	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.33	5.2	3	135
4.183/2	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.53	5.2	3	135
4.183/3	10 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.65	5.2	3	135
4.184	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	16	15.871	4.76	3	71
4.185	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	26.5	15.84	4.76	5	71
4.188	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing	15.875	15.875	4.76	3	71
4.189	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	15.875	15.875	4.76	3	71
4.190	8 TPI Ext.	AMERICAN BUTTRESS 1/16	15.875	15.875	4.76	4	120
4.191	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	14.635	5	5	89
4.192	6 TPI Int.	PREMIUM JOINT V	12.7	12.5	4.76	1	111
4.193	6 TPI Int.	PREMIUM JOINT V - Roughing	12.7	12.5	4.76	2	111
4.194	8 TPI Ext.	NEW PREMIUM JOINT V	15.875	15.75	4.76	3	120
4.196	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	14.6	5.2	3	71
4.197	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	14.8	5.2	3	71
4.198	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	22.3	15.02	5.2	4	71
4.200	6 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	3	104
4.201	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.56	5.2	3	71
4.202	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.8	5.2	3	71
4.203	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.98	5.2	3	72
4.204	10 TPI Int.	A.P.I. ROUND TUBING	12.7	12.5	4.76	4	137
4.205	5 TPI Int.	Premium Joint + VAM 5TPI Box	15.75	15.75	4.76	1	89
4.207	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	72
4.208	8 TPI Int.	A.P.I. ROUND	25	15.75	5	4	129
4.209	5 TPI Int.	GOST OTTG	12.7	12.5	4.76	1	89
4.210	8 TPI Int.	PREMIUM JOINT V	12.7	12.5	4.76	1	129
4.211	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	16.76	8.3	3	52
4.212	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	15.97	8.3	2	52
4.213	3 TPI Ext.	BIG OMEGA - Set for rotating tools	22.3	16.41	8.3	2	52
4.214	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	3	89
4.215	5 TPI Int.	A.P.I. BUTTRESS 1/16	12.7	12.5	4.76	2	89
4.216	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	3	72
4.217	6 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	4	104
4.218	8 TPI Ext.	PREMIUM JOINT V	15.875	15.75	4.76	4	120
4.221	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25.4	15.784	5	5	72
4.222	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.75	5	5	89
4.224	5 TPI Int.	A.P.I. BUTTRESS 1/16	25.4	15.784	5	4	89
4.229	3 TPI Ext.	BIG OMEGA	25	24.8	7.94	3	52
4.230	8 TPI Int.	TSH PJD 8TPI Int.	15.75	15.75	4.76	1	130
4.231	8 TPI Ext.	TSH PJD 8TPI Ext.	15.75	15.75	4.76	2	120
4.233	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	130

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11-50	4.234	4 TPI Ext.	HPC 8 (9"5/8 to 14") - 2 Cutting edges	24.8	24.8	6.35	3	57
	4.235	4 TPI Ext.	HPC 8 (9"5/8 to 14") - 2 Cutting edges	19.5	19.5	6.35	2	57
	4.237	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1	64
	4.238	4 TPI Ext.	TSH ER + MS 4TPI Ext.	15.75	15.75	4.76	2	57
Threading-inserts	4.239-1	3 TPI Int.	BIG OMEGA	25	16.76	6.35	1	54
	4.239-2	3 TPI Int.	BIG OMEGA	25	16.76	6.35	2	54
	4.239-3	3 TPI Int.	BIG OMEGA	25	16.76	6.35	3	54
	4.240	5 TPI Int.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	2	90
52-141	4.241	5 TPI Int.	GOST OTTG - TBO	15.75	15.75	4.76	2	90
	4.242	5 TPI Ext.	GOST OTTM - OTTG	15.75	15.75	4.76	3	72
	4.243	5 TPI Int.	GOST OTTM	25	15.75	5	5	90
	4.244	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.75	15.75	4.76	3	72
Shim seats	4.245	5 TPI Int.	PREMIUM JOINT VAGT CASING	15.75	15.75	4.76	2	90
	4.246	5 TPI Ext.	PREMIUM JOINT VAGT CASING	25	15.75	5	4	72
	4.247	5 TPI Int.	BDS 8 - 2 Cutting edges	15.75	15.75	4.76	2	90
	4.250/3	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	15	5.2	3	72
142-153	4.251	4 TPI Ext.	HPC 12 (14") - 2 Cutting edges	19.5	19.5	6.35	2	57
	4.252	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	130
	4.253	8 TPI Int.	A.P.I. ROUND	25	14.9	5	7	130
	4.254	5 TPI Ext.	BDS 8 - 2 Cutting edges	19.5	19.5	6.35	2	72
Chip breakers	4.255	3 TPI Ext.	BIG OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	52
	4.257	3 TPI Int.	BIG OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	54
	4.259	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	90
	4.263	8 TPI Int.	NEW PREMIUM JOINT V	15.875	15.75	4.76	1	130
154-174	4.266	5 TPI Int.	NEW PREMIUM JOINT V	15.875	15.875	4.76	1	90
	4.274	5 TPI Ext.	A.P.I. BUTTRESS 1/16	15.875	15.875	4.76	3	73
	4.282	6 TPI Int.	NEW PREMIUM JOINT 6 TPI Int. 1dent	15.875	15.75	4.76	1	111
	4.284	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	73
	4.286	4 TPI Ext.	HPC 6 - 2 Cutting edges	19.5	19.5	6.35	2	57
	4.287	5 TPI Int.	PREMIUM JOINT V 5TPI INT	15.75	13.75	4.76	1	90
	4.288	6 TPI Int.	ELC	30	15.75	4.76	6	112
	4.289	10 TPI Int.	AMERICAN BUTTRESS 10 TPI BOX	28.574	15.748	5.08	10	137
	4.290	5 TPI Int.	A.P.I. BUTTRESS 1/16	28.75	15.75	5.2	6	90
	4.293	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	15.875	5	5	91
	4.294	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	73
	4.295	8 TPI Ext.	TDS 8 - 2 Cutting edges	19.5	19.5	6.35	3	120
	4.296	5 TPI Ext.	BDS 16 - 2 Cutting edges	19.5	19.5	6.35	3	73
	4.297	8 TPI Int.	TDS 8 - 2 Cutting edges	15.75	15.75	4.76	1	130
	4.298	5 TPI Int.	A.P.I. BUTTRESS 1/12 - 2 Cutting edges	19.5	19.5	6.35	3	91
	4.299	5 TPI Int.	A.P.I. BUTTRESS 1/16 - 2 Cutting edges	19.5	19.5	6.35	3	91
	4.304	4 TPI Int.	HPC 6 - 2 Cutting edges	15.75	15.75	4.76	1	65
	4.305	4 TPI Int.	HPC 8 - 2 Cutting edges	15.75	15.75	4.76	1	65
	4.306	4 TPI Int.	HPC 12 - 2 Cutting edges	15.75	15.75	4.76	1	65
	4.308	8 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	19.5	19.5	6.35	3	120
	4.309	6 TPI Ext.	TDS 6 - 2 Cutting edges	19.5	19.5	6.35	3	104
	4.310	4 TPI Int.	MID OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	65
	4.311	5 TPI Int.	GOST OTTM - PULLING	25	15.75	5	5	91
	4.312	5 TPI Int.	BDS 16 - 2 Cutting edges	15.75	15.75	4.76	2	91
	4.313	5 TPI Int.	MUST 12 - 2 Cutting edges	15.75	15.75	4.76	2	91
	4.314	6 TPI Int.	TDS 6 - 2 Cutting edges	15.75	15.75	4.76	1	112
	4.315	5 TPI Ext.	MUST 12 - 2 Cutting edges	19.5	19.5	6.35	2	73
	4.316	4 TPI Ext.	MID OMEGA - 2 Cutting edges	19.5	19.5	6.35	2	57

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4.324	10 TPI Int.	A.P.I. ROUND TUBING	15.75	15.75	4.76	4	137
4.325	10 TPI Int.	A.P.I. ROUND TUBING	25	15.475	5	7	137
4.326	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	91
4.327	8 TPI Int.	PREMIUM JOINT	15.75	15.75	4.76	2	130
4.328-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	20	15.692	4.76	3	73
4.328-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	20	15.875	4.76	4	73
4.330	8 TPI Int.	A.P.I. ROUND	15.875	15.75	4.76	4	130
4.331	8 TPI Int.	PREMIUM JOINT	15.875	15.75	4.76	1	130
4.332	5 TPI Int.	A.P.I. BUTTRESS 1/16	15.875	15.75	4.76	3	91
4.333	6 TPI Int.	PREMIUM JOINT	15.875	15.75	4.76	1	112
4.334-1	8 TPI Ext.	A.P.I. ROUND CASING - Set for CERATIZIT Tooling	20	15.575	4.76	3	120
4.334-2	8 TPI Ext.	A.P.I. ROUND CASING - Set for CERATIZIT Tooling	20	15.875	4.76	3	120
4.335-1	8 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.54	4.76	3	121
4.335-2	8 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.84	4.76	3	121
4.336-1	10 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.15	4.76	3	135
4.336-2	10 TPI Ext.	A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	15.75	15.435	4.76	3	135
4.337	8 TPI Ext.	PREMIUM JOINT V	15.75	15.75	4.76	4	121
4.338	5 TPI Int.	GOST OTTM - OTTG - PULLING	15.75	15.75	4.76	2	91
4.340	10 TPI Int.	A.P.I. ROUND TUBING - PULLING	25	15.875	5	7	137
4.344	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	20	15.875	4.76	4	73
4.345	6 TPI Int.	TSH PJD 6TPI Int.	15.75	15.75	4.76	1	112
4.346	6 TPI Ext.	TSH PJD 6TPI Ext.	15.75	15.75	4.76	2	104
4.347	5 TPI Int.	MUST 8 - 2 Cutting edges	15.75	15.75	4.76	2	92
4.348/1	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.029	8.3	2	57
4.348/2	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.487	8.3	2	57
4.348/3	4 TPI Ext.	MID OMEGA 12 E - Set for rotating tools	17	15.675	8.3	3	58
4.349	5 TPI Int.	PREMIUM JOINT V	12.76	12.53	4.76	2	92
4.350	5 TPI Int.	PREMIUM JOINT V	12.74	12.54		1	92
4.351/1	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.61	5.2	3	121
4.351/2	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.86	5.2	3	121
4.351/3	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15	5.2	3	121
4.352/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°1	20	15.239	4.76	3	73
4.352/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°2	20	15.397	4.76	3	74
4.352/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing N°3	20	15.565	4.76	3	74
4.352/4	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Finishing N°4	20	15.675	4.76	3	74
4.353/1	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°1	20	15.338	4.76	3	121
4.353/2	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°2	20	15.514	4.76	3	121
4.353/3	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Roughing N°3	20	15.687	4.76	3	121
4.353/4	8 TPI Ext.	A.P.I. ROUND 1/16 CASING - Finishing N°4	20	15.875	4.76	4	122
4.354	5 TPI Ext.	MUST 8 - 2 Cutting edges	19.5	19.5	6.35	2	74
4.355	8 TPI Int.	Cylindrical round thread	25.45	15.75	5.2	7	131
4.356	8 TPI Ext.	USS SEAMLESS TUBING	15.875	15.875	4.76	3	122
4.358	8 TPI Int.	USS SEAMLESS TUBING	15.875	15.875	4.76	3	131
4.359	5 TPI Int.	A.P.I. BUTTRESS 1/16 - PULLING	25	15.75	5	5	92
4.360	3 TPI Ext.	TSH ER 3TPI Ext.	25	16.67	5	3	52
4.361	3 TPI Int.	TSH ER 3TPI Int.	15.75	15.75	4.76	1	54
4.362	8 TPI Int.	TDS 8	15.75	15.75	4.76	1	131
4.363	4 TPI Int.	HPC 6	15.75	15.75	4.76	1	65
4.364	4 TPI Int.	HPC 8	15.75	15.75	4.76	1	65
4.365	4 TPI Int.	HPC 12	15.75	15.75	4.76	1	65
4.366	6 TPI Int.	TDS 6	15.75	15.75	4.76	1	112
4.369	5 TPI Int.	TSH MS28 5TPI Int.	15.75	15.75	4.76	1	92

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	4.370/2	8 TPI Ext.	TDS 8 - Set for rotating tools	17	14.147	5.2	2	122
	4.370/3	8 TPI Ext.	TDS 8 - Set for rotating tools	17	14.28	5.2	3	122
Threading-inserts	4.371	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	74
	4.371-CE	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	74
	4.372	5 TPI Ext.	TSH MS28 5TPI Ext.	15.75	15.75	4.76	1	74
	4.373	8 TPI Int.	A.P.I. ROUND - PULLING	25	15.875	5	7	131
	4.374	6 TPI Int.	TSH MS28 6TPI Int.	15.75	15.75	4.76	1	112
52-141	4.375	6 TPI Ext.	TSH MS28 6TPI Ext.	15.75	15.75	4.76	1	105
	4.376	8 TPI Int.	TSH MS 8TPI Int.	15.75	15.75	4.76	1	131
Shim seats	4.377	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext.	15.75	15.75	4.76	2	122
	4.383	4 TPI Int.	HPC 6	15.75	15.75	4.76	2	65
142-153	4.384	4 TPI Int.	HPC 8	15.75	15.75	4.76	2	65
	4.385	4 TPI Int.	HPC 12	15.75	15.75	4.76	2	66
	4.388	4 TPI Int.	TSH MS28 4TPI Int.	15.75	15.75	4.76	1	66
Chip breakers	4.389	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext.	15.75	15.75	4.76	1	58
	4.389 M4	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext.	25	15.875	5	4	58
154-174	4.390	5 TPI Int.	TSH MS 5TPI Int.	15.75	15.75	4.76	1	92
	4.391	5 TPI Ext.	TSH MS 5TPI Ext.	15.75	15.75	4.76	2	74
	4.392	6 TPI Int.	TSH MS 6TPI Int.	15.75	15.75	4.76	1	112
	4.393	6 TPI Ext.	TSH MS + MS XT/XC 6TPI Ext.	15.75	15.75	4.76	2	105
	4.394/1	6 TPI Ext.	TDS 6 - Set for rotating tools	17	13.932	5.2	2	105
	4.394/2	6 TPI Ext.	TDS 6 - Set for rotating tools	17	14.126	5.2	2	105
	4.394/3	6 TPI Ext.	TDS 6 - Set for rotating tools	17	14.28	5.2	3	105
	4.398/1	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.24	5.2	3	122
	4.398/2	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.49	5.2	3	122
	4.398/3	8 TPI Ext.	LINE PIPE - Set for rotating tools	16	15.63	5.2	3	122
	4.399	8 TPI Int.	LINE PIPE	25	15.875	5	7	131
	4.400	5 TPI Ext.	A.P.I. BUTTRESS 1/16 (4.201+4.202+4.400)	17	14.98	5.2	3	74
	4.403	6 TPI Ext.	PREMIUM JOINT D	13	15.75	4.76	1	105
	4.404	8 TPI Ext.	PREMIUM JOINT D	13.6	15.75	4.76	1	123
	4.405	6 TPI Ext.	SPJD Super C 6TPI Ext.	12.7	15.75	4.76	1	105
	4.406	6 TPI Int.	SPJD Super C 6TPI Int.	12.7	15.75	4.76	1	112
	4.407	5 TPI Ext.	TSH 3SB 5 TPI Ext. (Roughing)	15.75	15.75	4.76	3	75
	4.408	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.75	15.75	4.76	3	75
	4.409	5 TPI Ext.	TSH 3SB 5TPI Ext. Shaving	12.7	12.7	5	1	75
	4.411	5 TPI Int.	TSH 3SB 5 TPI Int. (Roughing)	15.75	15.75	4.76	2	92
	4.412	5 TPI Int.	TSH 3SB 5TPI Int.	15.75	15.75	4.76	1.5	92
	4.414	8 TPI Ext.	LINE PIPE	15.875	15.875	4.76	4	123
	4.416/1	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	14.6	5.2	3	75
	4.416/2	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	14.86	5.2	3	75
	4.416/3	5 TPI Ext.	GOST OTTM - OTTG - Set for rotating tools	17	15.02	5.2	3	75
	4.422	5 TPI Ext.	GOST OTTG - TBO Protector	15.875	15.875	4.76	3	75
	4.423	5 TPI Int.	GOST OTTG - TBO Protector	15.875	15.875	4.76	3	92
	4.430	5 TPI Ext.	AB-HDL 5TPI 1.50"TPF (0.050RH) Ext.	15.75	15.75	4.76	1	75
	4.431	5 TPI Int.	AB-HDL 5TPI 1.50"TPF (0.050RH) Int.	15.75	15.75	4.76	1	93
	4.432	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Roughing	20	15.29	4.76	4	75
	4.438	4 TPI Ext.	TSH ER + MS 4TPI Ext.	25	15.875	5	4	58
	4.449	3 TPI Int.	BIG OMEGA	25	20	7.94	3	54
	4.452	5 TPI Ext.	INTERLOCK - (TO0272)	15.875	15.875	4.76	3	76
	4.453	5 TPI Int.	INTERLOCK - (TO0274)	15.875	15.875	4.76	1	93
	4.454	5 TPI Ext.	INTERLOCK - (TO0274)	15.875	15.875	4.76	3	76

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4.455	5 TPI Int.	INTERLOCK - (TO0275)	15.875	15.875	4.76	1	93
4.456	4 TPI Ext.	INTERLOCK - (TO2443)	15.875	15.875	4.76	2	58
4.457	4 TPI Int.	INTERLOCK - (TO2444)	15.875	15.875	4.76	1	66
4.458	3 TPI Ext.	INTERLOCK - (TC2273)	15.875	15.875	4.76	2	52
4.459	3 TPI Int.	INTERLOCK - (TO2274)	15.875	15.875	4.76	1	54
4.460	10 TPI Int.	A.P.I. ROUND TUBING	15.75	15.75	4.76	5	137
4.463	5 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	93
4.466	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1	66
4.467	4 TPI Ext.	TSH ER + MS 4TPI Ext.	15.75	15.75	4.76	2	58
4.474	4 TPI Int.	HPC 6	19.05	24	6.35	2	66
4.476/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.485	5.2	3	76
4.476/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.739	5.2	3	76
4.476/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	30	15.875	5.2	3	76
4.477/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.572	5.2	3	76
4.477/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.822	5.2	3	76
4.477/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	17	14.98	5.2	3	76
4.481	6 TPI Ext.	A.B. TC4S	20	15.875	4.76	4	105
4.482	6 TPI Ext.	A.B. TC4S	15.875	15.875	4.76	3	105
4.483	5 TPI Ext.	A.B. TC II	25	15.875	5	5	76
4.484	5 TPI Ext.	A.B. TC II	15.875	15.875	4.76	3	77
4.485	5 TPI Int.	NEW PREMIUM JOINT SEC	15.875	15.875	4.76	1	93
4.486	5 TPI Int.	GOST OTTM	15.875	15.875	4.76	3	93
4.488	8 TPI Int.	A.P.I. ROUND	25	15.875	5	7	131
4.489	8 TPI Int.	TSH 3SB 8TPI Int.	15.875	15.875	4.76	1.5	131
4.490-1	5 TPI Ext.	A.B. 1-1/8" TPF	15.875	15.875	4.76	1	77
4.490-2	5 TPI Ext.	A.B. 1-1/8" TPF	15.875	15.875	4.76	1	77
4.498	4 TPI Int.	E-S2F J2 BOX	12.7	15.4	4.76	1	66
4.499	4 TPI Ext.	E-S2F J2 PIN	12.7	15.4	4.76	1	58
4.500	8 TPI Int.	A.P.I. ROUND - PULLING	25	15.875	5	7	131
4.501	10 TPI Int.	A.P.I. ROUND TUBING (BC)	15.75	15.75	4.76	3	137
4.502	4 TPI Ext.	AB-TC II 4TPI 3/4"TPF Ext.	20	15.875	4.76	3	58
4.503	6 TPI Ext.	AB-TC II 6TPI 3/4"TPF Ext.	20	15.875	4.76	4	106
4.504	8 TPI Ext.	AB-TC II 8TPI 3/4"TPF Ext.	15.875	15.875	4.76	4	123
4.508/1	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.467	5.2	3	106
4.508/2	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.687	5.2	3	106
4.508/3	6 TPI Ext.	GOST NKM - Set for rotating tools	17	14.85	5.2	3	106
4.516	5 TPI Ext.	A-DMS	15.75	15.75	4.76	1	77
4.517	5 TPI Int.	A-DMS	15.75	15.75	4.76	1	93
4.518	6 TPI Ext.	A-DMS	15.75	15.75	4.76	1	106
4.519	6 TPI Int.	A-DMS	15.75	15.75	4.76	1	112
4.521	5 TPI Int.	PREMIUM JOINT	15.75	15.75	4.76	2	93
4.522	8 TPI Int.	USS SEAMLESS TUBING	25	15.875	5	7	132
4.523	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	93
4.524	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	94
4.526	11.5 TPI Int.	LINE PIPE (BC)	15.75	15.75	4.76	3	140
4.527	8 TPI Int.	LINE PIPE	15.875	15.875	4.76	4	132
4.528	8 TPI Ext.	USS SEAMLESS TUBING	20	15.875	4.76	5	123
4.529/1	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.392	5.2	3	123
4.529/2	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.515	5.2	3	123
4.529/3	8 TPI Ext.	USS SEAMLESS TUBING Set for Rotating tool	17	14.593	5.2	3	123
4.530	5 TPI Ext.	PREMIUM JOINT VAF TUBING	15.75	15.35	4.76	1	77
4.531	5 TPI Int.	PREMIUM JOINT VAF MANCHON	15.75	15.15	4.76	1	94

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	4.533	4 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	66
	4.534	8 TPI Int.	AB-TC II 8TPI Int.	15.875	15.875	4.76	1	132
Threading-inserts	4.535	8 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	132
	4.536	8 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	15.875	15.875	4.76	3	123
	4.537	10 TPI Ext.	A.P.I. ROUND TUBING - 2 Cutting edges	15.47	15.47	4.76	3	135
	4.538	5 TPI Int.	A.B. TC II	15.875	15.875	4.76	1	94
	4.539	5 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	94
52-141	4.540-1	6 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	14.985	4.76	3	106
	4.540-2	6 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15.133	4.76	3	106
Shim seats	4.541-1	8 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15	4.76	3	123
	4.541-2	8 TPI Ext.	PREMIUM JOINT - Set for CERATIZIT Tooling	15.75	15.133	4.76	4	124
142-153	4.543	5 TPI Int.	A.P.I. BUTTRESS 1/12 - PULLING	25	15.875	5	5	94
	4.544	6 TPI Int.	AB-TC II 6TPI Int.	15.875	15.875	4.76	1	113
Chip breakers	4.545	6 TPI Int.	A.B. TC II - PULLING	15.875	15.875	4.76	2	113
	4.546	8 TPI Int.	PREMIUM JOINT VAGT SP	15.875	15.875	4.76	4	132
	4.547	8 TPI Int.	A.B. TC4S	15.875	15.875	4.76	1	132
	4.548	6 TPI Int.	A.B. TC4S	15.875	15.875	4.76	1	113
	4.550	4 TPI Ext.	A.B. TC II	25	15.875	5	4	58
154-174	4.551	5 TPI Int.	A.B. ST-L 1.1/8" TPF- PULLING	15.875	15.875	4.76	2	94
	4.553-1	6 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.402	4.76	3	106
	4.553-2	6 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.569	4.76	4	106
	4.554-1	5 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.386	4.76	3	77
	4.554-2	5 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.567	4.76	4	77
	4.555-1	4 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.785	4.76	3	59
	4.555-2	4 TPI Ext.	A.B. TC II - Set for CERATIZIT Tooling	20	15.987	4.76	3	59
	4.556-1	6 TPI Ext.	A.B. TC4S - Set for CERATIZIT Tooling	20	15.168	4.76	3	107
	4.556-2	6 TPI Ext.	A.B. TC4S - Set for CERATIZIT Tooling	20	15.315	4.76	4	107
	4.559	8 TPI Ext.	A.B. TC4S	15.875	15.875	4.76	4	124
	4.560	5 TPI Ext.	AB-STL 5TPI 1.1/8"TPF Ext.	15.875	15.875	4.76	1.5	77
	4.561	5 TPI Int.	A.B. ST-L 3/4" TPF- PULLING	15.875	15.875	4.76	2	94
	4.562	5 TPI Ext.	AB-STL 5TPI 3/4"TPF Ext.	15.875	15.875	4.76	1.5	77
	4.563	5 TPI Int.	A.B. ST-L 1.6" TPF- PULLING	15.875	15.875	4.76	2	94
	4.564	5 TPI Ext.	A.B. ST-L 1.6" TPF	15.875	15.875	4.76	1.5	78
	4.565/1	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.45	5.2	3	139
	4.565/2	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.619	5.2	3	139
	4.565/3	11.5 TPI Ext.	LINE PIPE - Set for rotating tools	16	14.793	5.2	3	139
	4.569	8 TPI Ext.	TDS 8	15.875	15.875	4.76	3	124
	4.570	4 TPI Int.	A.B. BTB	15.875	15.875	4.76	2	66
	4.571	4 TPI Ext.	A.B. BTB 1" TPF	25	15.875	5	4	59
	4.572	5 TPI Int.	AB-STL 5TPI 3/4"TPF Int.	15.875	15.875	4.76	1.5	94
	4.573	4 TPI Int.	TSH MS 4TPI Int. Pulling	15.875	15.875	4.76	2	67
	4.574	5 TPI Int.	TSH MS 5TPI Int. Pulling	15.875	15.875	4.76	2	95
	4.575	6 TPI Int.	TSH MS 6TPI Int. Pulling	15.875	15.875	4.76	2	113
	4.576	8 TPI Int.	TSH MS 8TPI Int. Pulling	15.875	15.875	4.76	2	132
	4.577	4 TPI Int.	TSH MS28 4TPI Int. Pulling	15.875	15.875	4.76	2	67
	4.578	5 TPI Int.	TSH MS28 5TPI Int. Pulling	15.875	15.875	4.76	2	95
	4.579	6 TPI Int.	TSH MS28 6TPI Int. Pulling	15.875	15.875	4.76	2	113
	4.580	8 TPI Int.	A.B. TC4S - PULLING	15.875	15.875	4.76	2	132
	4.581	6 TPI Int.	A.B. TC4S - PULLING	15.875	15.875	4.76	2	113
	4.582	8 TPI Int.	TKC	15.75	15.65	4.76	1	132
	4.583-1	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (2)	20	15.638	4.76	3	59

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4.583-2	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (2)	20	15.875	4.76	3	59
4.584-1	5 TPI Ext.	TSH MS 5TPI Ext. - Set (2)	20	15.357	4.76	3	78
4.584-2	5 TPI Ext.	TSH MS 5TPI Ext. - Set (2)	20	15.539	4.76	3	78
4.585-1	6 TPI Ext.	TSH MS 6TPI Ext. - Set (2)	20	15.243	4.76	3	107
4.585-2	6 TPI Ext.	TSH MS 6TPI Ext. - Set (2)	20	15.412	4.76	4	107
4.586-1	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	20	15.444	4.76	3	59
4.586-2	4 TPI Ext.	TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	20	15.681	4.76	3	59
4.587-1	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (2)	20	15.729	4.76	3	78
4.587-2	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (2)	20	15.875	4.76	4	78
4.589	5 TPI Int.	AB-STL 5TPI 1.1/8" TPF Int.	15.875	15.875	4.76	1.5	95
4.594	6 TPI Int.	PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	113
4.595	8 TPI Int.	PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	133
4.596	6 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	113
4.597	8 TPI Int.	NEW PREMIUM JOINT V - PULLING	15.875	15.875	4.76	2	133
4.598	8 TPI Int.	NEW PREMIUM JOINT V - 2 Cutting edges	15.75	15.75	4.76	1	133
4.599-1	8 TPI Int.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	133
4.599-2	8 TPI Int.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	133
4.600-1	6 TPI Int.	AB-NJO 6TPI 3/4" TPF Int. - Set (2)	15.875	15.875	4.76	1	113
4.600-2	6 TPI Int.	AB-NJO 6TPI 3/4" TPF (0.0445RH) Int. - Set (2)	15.875	15.875	4.76	1	114
4.601-1	6 TPI Int.	AB-NJO 6TPI 3/4" TPF Int. - Set (2)	15.875	15.875	4.76	1	114
4.601-2	6 TPI Int.	AB-NJO 6TPI 3/4" TPF (0.052RH) Int. - Set (2)	15.875	15.875	4.76	1	114
4.602-1	5 TPI Int.	AB-NJO 5TPI 3/4" TPF Int. - Set (2)	15.875	15.875	4.76	1	95
4.602-2	5 TPI Int.	AB-NJO 5TPI 3/4" TPF (0.061RH) Int. - Set (2)	15.875	15.875	4.76	1	95
4.603-1	4 TPI Int.	AB-NJO 4TPI 3/4" TPF Int. - Set (2)	15.875	15.875	4.76	1	67
4.603-2	4 TPI Int.	AB-NJO 4TPI 3/4" TPF (0.067RH) Int. - Set (2)	15.875	15.875	4.76	1	67
4.604-1	8 TPI Ext.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	124
4.604-2	8 TPI Ext.	A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	15.875	15.875	4.76	1	124
4.605-1	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4" TPF Ext.	15.875	15.875	4.76	1	107
4.605-2	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4" TPF (0.041RH) Ext.	15.875	15.875	4.76	1	107
4.606-1	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4" TPF Ext.	15.875	15.875	4.76	1	107
4.606-2	6 TPI Ext.	AB-NJO/ANJO 6TPI 3/4" TPF (0.047RH) Ext.	15.875	15.875	4.76	1	107
4.607-1	5 TPI Ext.	AB-NJO/ANJO 5TPI 3/4" TPF Ext.	15.875	15.875	4.76	1	78
4.607-2	5 TPI Ext.	AB-NJO/ANJO 5TPI 3/4" TPF (0.056RH) Ext.	15.875	15.875	4.76	1	78
4.608-1	4 TPI Ext.	AB-NJO/ANJO 4TPI 3/4" TPF Ext.	15.875	15.875	4.76	1	59
4.608-2	4 TPI Ext.	AB-NJO/ANJO 4TPI 3/4" TPF (0.062RH) Ext.	15.875	15.875	4.76	1	59
4.609	6 TPI Int.	PREMIUM JOINT D - PULLING	15.875	15.875	4.76	2	114
4.610	8 TPI Int.	PREMIUM JOINT D - PULLING	15.875	15.875	4.76	2	133
4.611	6 TPI Int.	PREMIUM JOINT V ACE	15.875	15.7	4.76	1	114
4.612	6 TPI Ext.	PREMIUM JOINT V ACE	15.875	15.7	4.76	1	107
4.615-1	5 TPI Int.	A.B. ST-L 1 1/8" TPF - PULLING	15.875	15.875	4.76	2	95
4.615-2	5 TPI Int.	A.B. ST-L 1 1/8" TPF - PULLING	15.875	15.875	4.76	2	95
4.616	3 TPI Int.	DINO VAM (8,33 %)	15.875	16.5	4.76	2	54
4.617	3 TPI Ext.	DINO VAM (8,33 %)	25	16.5	5	3	52
4.618	3 TPI Ext.	DINO VAM (8,33 %)	15.875	16.5	4.76	2	52
4.619	3 TPI Ext.	DINO VAM (12,5 %)	25	16.5	5	3	53
4.620	3 TPI Ext.	DINO VAM (12,5 %)	15.875	16.5	4.76	2	53
4.621	3 TPI Int.	DINO VAM (12,5 %)	15.875	16.5	4.76	2	54
4.624	5 TPI Int.	A.P.I. BUTTRESS 1/16 - Roughing	20	14.4	5	4	95
4.625	8 TPI Ext.	TSH 3SB 8TPI Ext.	15.875	15.875	4.76	5	124
4.626	8 TPI Int.	USS SEAMLESS	15.875	15.875	4.76	4	133
4.627	5 TPI Ext.	VAM FJL-HW CASING	15.875	15.875	4.76	1	78
4.628	5 TPI Int.	VAM FJL-HW CASING	15.875	15.875	4.76	1	95

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11-50	4.629	5 TPI Ext.	VAM ACE CASING	15.875	15.875	4.76	1	78
	4.630	5 TPI Int.	VAM ACE CASING	15.875	15.875	4.76	1	96
	4.631	4 TPI Ext.	VAM ACE CASING	15.875	15.875	4.76	1	60
	4.632	4 TPI Int.	VAM ACE CASING	15.875	15.875	4.76	1	67
	4.633	4 TPI Ext.	VAM HWST CASING	15.875	16.5	4.76	1	60
52-141	4.634	4 TPI Int.	VAM HWST CASING	15.875	16.5	4.76	1	67
	4.635-1	4 TPI Ext.	A.B. 3x25° 0,75" TPF	20	16.028	4.76	3	60
	4.635-2	4 TPI Ext.	A.B. 3x25° 0,75" TPF	20	16.232	4.76	3	60
	4.636/3	11.5 TPI Ext.	NPT (Roughing 4.565-1 et 4.565-2)	16	14.826	5.2	3	139
	4.637/3	8 TPI Ext.	NPT (Roughing 4.398-1 et 4.398-2)	16	15.715	5.2	3	124
142-153	4.638	5 TPI Int.	VAM SLIJ	20	15.875	4.76	2	96
	4.639	5 TPI Ext.	VAM SLIJ	20	15.875	4.76	2	79
	4.640	3 TPI Int.	DINO VAM (8,33%) - PULLING	15.875	16.5	4.76	2	55
	4.641	3 TPI Int.	DINO VAM (12,5%) - PULLING	15.875	16.67	4.76	2	55
	4.645	3 TPI Ext.	BIG OMEGA - PULLING	15.875	15.875	4.76	2	53
154-174	4.646	3 TPI Int.	BIG OMEGA - PULLING	15.875	15.875	4.76	2	55
	4.653/1	11.5 TPI Ext.	NPT 11,5 - 1	12.7	12.39	6.35	3	139
	4.653/2	11.5 TPI Ext.	NPT 11,5 - 2	12.7	12.533	6.35	3	139
	4.653/3	11.5 TPI Ext.	NPT 11,5 - 4	12.7	12.5	6.35	4	139
	4.653/4	11.5 TPI Ext.	NPT 11,5 - 4	12.7	12.268	6.35	3	139
	4.654/1	14 TPI Ext.	NPT 14	12.7	12.3	6.35	3	141
	4.654/2	14 TPI Ext.	NPT 14	12.7	12.38	6.35	3	141
	4.654/3	14 TPI Ext.	NPT 14	12.7	12.595	6.35	4	141
	4.654/4	14 TPI Ext.	NPT 14	12.7	12.21	6.35	3	141
	4.656	8 TPI Ext.	AB-RTS 8TPI Ext.	12.7	15.75	4.76	1	124
	4.657	8 TPI Int.	AB-RTS 8TPI Int.	12.7	15.75	4.76	1	133
	4.658	5 TPI Ext.	AB-HDL 5TPI 3/4"TPF (0.040RH) Ext.	15.875	15.875	4.76	1	79
	4.659	5 TPI Int.	AB-HDL 5TPI 3/4"TPF (0.040RH) Int.	15.875	15.875	4.76	1	96
	4.660	5 TPI Ext.	AB-HDL 5TPI 1.00"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
	4.661	5 TPI Int.	AB-HDL 5TPI 1.00"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
	4.662	5 TPI Ext.	AB-HDL 5TPI 1.25"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
	4.663	5 TPI Int.	AB-HDL 5TPI 1.25"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
	4.664	5 TPI Ext.	AB-HDL 5TPI 1.75"TPF (0.050RH) Ext.	15.875	15.875	4.76	1	79
	4.665	5 TPI Int.	AB-HDL 5TPI 1.75"TPF (0.050RH) Int.	15.875	15.875	4.76	1	96
	4.666	6 TPI Ext.	AB-HDL 6TPI 3/4"TPF (0.032RH) Ext.	15.875	15.875	4.76	1	108
	4.667	6 TPI Int.	AB-HDL 6TPI 3/4"TPF (0.032RH) Int.	15.875	15.875	4.76	1	114
	4.668/1	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.375	5.2	3	60
	4.668/2	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.677	5.2	3	60
	4.668/3	4 TPI Ext.	TSH ER + MS 4TPI Ext. - Set (3)	22.3	15.875	5.2	3	60
	4.669	5 TPI Ext.	INTERLOCK - (MO2765)	15.875	15.875	4.76	3	79
	4.673	4 TPI Int.	VAM TOP CASING	19	19	6.35	2	67
	4.687	6 TPI Ext.	AB-RTS 6TPI Ext.	12.7	15.75	4.76	1	108
	4.688	6 TPI Int.	AB-RTS 6TPI Int.	12.7	15.75	4.76	1	114
	4.689/1	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.271	5.2	3	79
	4.689/2	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.495	5.2	3	79
	4.689/3	5 TPI Ext.	TSH MS 5TPI Ext. - Set (3)	17	14.65	5.2	3	79
	4.690/1	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	13.938	5.2	2	80
	4.690/2	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	14.141	5.2	3	80
	4.690/3	5 TPI Ext.	TSH MS28 5TPI Ext. - Set (3)	17	14.265	5.2	3	80
	4.691/1	6 TPI Ext.	TSH MS 6TPI Ext. - Set (3)	17	14.167	5.2	3	108
	4.691/2	6 TPI Ext.	TSH MS 6TPI Ext.- Set (3)	17	14.372	5.2	3	108
	4.691/3	6 TPI Ext.	TSH MS 6TPI Ext.- Set (3)	17	14.52	5.2	3	108

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4.692/1	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.189	5.2	3	124
4.692/2	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.383	5.2	3	125
4.692/3	8 TPI Ext.	TSH MS 8TPI Ext. - Set (3)	17	14.52	5.2	3	125
4.693/1	6 TPI Ext.	SEC 6TPI EXT N°1	17	14.085	5.2	3	108
4.693/2	6 TPI Ext.	SEC 6TPI EXT N°2	17	14.26	5.2	3	108
4.693/3	6 TPI Ext.	SEC 6TPI EXT N°3	17	14.406	5.2	4	108
4.695/1	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.43	5.2	3	60
4.695/2	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.707	5.2	3	60
4.695/3	4 TPI Ext.	A.B. TC II - Set for rotating tools	22.3	15.875	5.2	3	61
4.696/1	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.301	5.2	3	80
4.696/2	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.524	5.2	3	80
4.696/3	5 TPI Ext.	A.B. TC II - Set for rotating tools	17	14.678	5.2	3	80
4.697-1	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext. - Set (2)	20	15.259	4.76	3	125
4.697-2	8 TPI Ext.	TSH MS + MS XT/XC 8TPI Ext. - Set (2)	20	15.412	4.76	4	125
4.698-1	6 TPI Ext.	TSH MS28 6TPI Ext. - Set (2)	20	15.629	4.76	3	108
4.698-2	6 TPI Ext.	TSH MS28 6TPI Ext. - Set (2)	20	15.775	4.76	4	109
4.699	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	96
4.700	5 TPI Int.	PREMIUM JOINT - PULLING	15.875	15.875	4.76	2	96
4.701	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	96
4.702	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	97
4.703	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	14.635	5	5	97
4.704	5 TPI Int.	A.P.I. BUTTRESS 1/12	25	15.875	5	5	97
4.707	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.708	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	14.635	5	5	97
4.709	6 TPI Int.	VAM SLIJ-II	15.875	15.875	4.76	2	114
4.710	6 TPI Ext.	VAM SLIJ-II	15.875	15.875	4.76	2	109
4.711	5 TPI Ext.	TSH 3SB 5TPI Ext.	25	15.875	5	5	80
4.712	6 TPI Int.	V.Special 6 TPI BOX	15.875	15.875	4.76	1	114
4.713	6 TPI Ext.	V.Special 6 TPI PIN	15.875	15.875	4.76	4	109
4.714	5 TPI Ext.	INTERLOCK - (MO0929)	15.875	15.875	4.76	3	80
4.715/1	8 TPI Ext.	NPT 8	15.875	15.477	4.76	3	125
4.715/2	8 TPI Ext.	NPT 8	15.875	15.631	4.76	3	125
4.715/3	8 TPI Ext.	NPT 8	15.875	15.875	4.76	3	125
4.715/4	8 TPI Ext.	NPT 8	15.875	15.263	4.76	3	125
4.722	8 TPI Ext.	INTERLOCK - (MO0585)	15.875	15.875	4.76	5	125
4.723-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 Roughing N°1	20	15.692	4.76	3	80
4.723-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 Finishing N°2	20	15.875	4.76	4	81
4.724	5 TPI Int.	TSH 3SB 5TPI Int. Pulling	15.875	15.875	4.76	2	97
4.725	8 TPI Int.	TSH 3SB 8TPI Int. Pulling	15.875	15.875	4.76	2	133
4.726/1	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	14.734	5.2	3	81
4.726/2	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	14.946	5.2	3	81
4.726/3	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (3)	17	15.075	5.2	3	81
4.727	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.731	4 TPI Int.	VAM TOP CASING Finishing	15.875	15.875	4.76	1	67
4.732-1	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (2)	20	15.779	4.76	3	81
4.732-2	5 TPI Ext.	TSH 3SB 5TPI Ext. - Set (2)	20	15.939	4.76	4	81
4.733-1	8 TPI Ext.	TSH 3SB 8TPI Ext. - Set (2)	15.875	15.315	4.76	4	126
4.733-2	8 TPI Ext.	TSH 3SB 8TPI Ext. - Set (2)	15.875	15.42	4.76	5	126
4.734	3 TPI Ext.	BIG OMEGA - Roughing	25	16	5	3	53
4.736	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	97
4.737	3 TPI Ext.	TSH BF 3TPI Ext.	15.875	15.875	4.76	1	53
4.738	3 TPI Int.	TSH BF 3 TPI Int.	15.875	15.875	4.76	1	55

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	4.740	4 TPI Int.	TSH MS XT/XC 4TPI Int.	15.875	15.875	4.76	1	67
	4.754	7 TPI Int.	VAM SLIJ-II	15.875	15.875	4.76	2	118
	4.755	7 TPI Ext.	VAM SLIJ-II	15.875	15.875	4.76	2	117
	4.756	5.5 TPI Ext.	SUPREME LX 5.5TPI PIN	15.875	15.875	4.76	1	81
Threading-inserts	4.758	5 TPI Int.	GOST OTTM - OTTG	15.75	15.75	4.76	2	97
	4.759	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	98
	4.760	4 TPI Int.	TSH MS28 XT/XC 4TPI Int.	15.75	15.75	4.76	1	68
	4.761-1	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	20	15.616	4.76	3	81
	4.761-2	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	20	15.875	4.76	4	81
52-141	4.762	5 TPI Int.	TSH HW + HWSL + NewHWSL 5TPI Int.	15.875	15.875	4.76	1	98
	4.763	5 TPI Int.	TSH HW + HWSL + NewHWSL 5TPI Int. Pulling	15.875	15.875	4.76	2	98
	4.764	5 TPI Ext.	TSH MS XT/XC + Blue SAGD 5TPI Ext.	15.75	15.75	4.76	2	82
	4.765	5 TPI Int.	TSH MS XT/XC + Blue SAGD 5TPI Int.	15.75	15.75	4.76	1	98
	4.767	6 TPI Int.	TSH MS XT/XC 6TPI Int.	15.75	15.75	4.76	1	115
Shim seats	4.769	8 TPI Int.	TSH MS XT/XC 8TPI Int.	15.75	15.75	4.76	1	134
	4.770	6 TPI Int.	GOST NKM	15.875	15.875	4.76	2	115
	4.771	4 TPI Int.	TSH MS XT/XC 4TPI Int. Pulling	15.875	15.875	4.76	2	68
	4.773	5 TPI Ext.	TSH MS28 5TPI Ext.	15.875	15.875	4.76	3	82
	4.774	4 TPI Int.	VAM TOP CASING Roughing	15.875	15.875	4.76	2	68
Chip breakers	4.775	5 TPI Int.	TSH MS XT/XC 5TPI Int. Pulling	15.875	15.875	4.76	2	98
	4.776	6 TPI Int.	TSH MS XT/XC 6TPI Int. Pulling	15.875	15.875	4.76	2	115
	4.777	8 TPI Int.	TSH MS XT/XC 8TPI Int. Pulling	15.875	15.875	4.76	2	134
	4.778	4 TPI Int.	AB-ANJO 4TPI 3/4"TPF (0.067RH) Int.	15.875	15.875	4.76	1	68
	4.779	8 TPI Int.	A.B. A.NJO	15.875	15.875	4.76	1	134
142-153	4.780	5 TPI Int.	AB-ANJO 5TPI 3/4"TPF (0.061RH) Int.	15.875	15.875	4.76	1	98
	4.781	6 TPI Int.	AB-ANJO 6TPI 3/4"TPF (0.0445RH) Int.	15.875	15.875	4.76	1	115
	4.782	6 TPI Int.	AB-ANJO 6TPI 3/4"TPF (0.052RH) Int.	15.875	15.875	4.76	1	115
	4.783	6 TPI Ext.	SUCKER ROD	12.7	12.7	4.76	1	109
	4.786-1	6 TPI Ext.	NKM 6TPI PIN Roughing N°1	20	15.191	4.76	3	109
154-174	4.786-2	6 TPI Ext.	NKM 6TPI PIN Finishing N°2	20	15.382	4.76	4	109
	4.788	6 TPI Ext.	STT 6TPI PIN	15.875	15.875	4.76	1	109
	4.789	6 TPI Int.	STT 6TPI BOX	15.875	15.875	4.76	1	115
	4.790	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	25	15.875	5	5	82
	4.791	4 TPI Ext.	VAM TOP	25	15.875	5	4	61
	4.792	5 TPI Ext.	A.P.I. BUTTRESS 1/16	18.923	18.923	6.35	3	82
	4.793	5 TPI Ext.	TSH MS28 XT/XC 5TPI Ext.	15.75	15.75	4.76	1	82
	4.794	5 TPI Int.	TSH MS28 XT/XC 5TPI Int.	15.75	15.75	4.76	1	98
	4.795-1	5 TPI Ext.	OTTG - OTTM Roughing N°1	20	15.692	4.76	3	82
	4.795-2	5 TPI Ext.	OTTG - OTTM Finishing N°2	20	15.909	4.76	3	82
	4.796	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	25	15.875	5	5	82
	4.797	5 TPI Int.	TSH Blue + PJD Csg Int.	15.875	15.875	4.76	1	98
	4.798	5 TPI Int.	TSH Blue + PJD Csg 5TPI Int. Pulling	15.875	15.875	4.76	2	98
	4.799	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.	25	15.875	5	5	61
	4.800/1	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	14.62	5.2	3	126
	4.800/2	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	14.867	5.2	3	126
	4.800/3	8 TPI Ext.	A.P.I. ROUND TUBING Set for rotating tools	16	15	5.2	3	126
	4.801/1	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.41	5.2	3	82
	4.801/2	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.65	5.2	3	83
	4.801/3	5 TPI Ext.	A.P.I. BUTTRESS 1/16 - Set for rotating tools	16.8	14.83	5.2	3	83
	4.802	4 TPI Int.	A.B. TC II	15.875	15.875	4.76	1.5	68
	4.804	10 TPI Int.	A.P.I. ROUND	25	15.475	5	7	137

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4.805	5 TPI Int.	A.P.I. BUTTRESS 1/16	25	15.875	5	5	99
4.806-1	5 TPI Ext.	A.P.I. BUTTRESS 1/16	20	15.692	4.76	3	83
4.806-2	5 TPI Ext.	A.P.I. BUTTRESS 1/16	20	15.875	4.76	4	83
4.807	5 TPI Ext.	A.P.I. BUTTRESS 1/16	25	15.871	5	5	83
4.808	8 TPI Ext.	A.P.I. ROUND	15.75	15.84	4.76	3	126
4.809	8 TPI Ext.	A.P.I. ROUND	15.75	15.84	4.76	3	126
4.810	10 TPI Ext.	A.P.I. ROUND	15.75	15.435	4.76	3	135
4.811	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int.	15.875	15.875	4.76	1	68
4.812	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int. Pulling	15.875	15.875	4.76	2	68
4.813	8 TPI Int.	SUPERMAX 8TPI BOX	15.875	15.875	4.76	3	134
4.814	8 TPI Ext.	SUPERMAX 8TPI PIN	15.875	15.875	4.76	3	126
4.818	5 TPI Ext.	TSH MS28 5TPI Ext.	15.75	15.75	4.76	1	83
4.819	4 TPI Ext.	TSH RS 4TPI Ext.	15.875	15.875	4.76	2	61
4.820	4 TPI Int.	TSH RS 4TPI Int.	15.875	15.875	4.76	1.5	68
4.823	5 TPI Int.	VAM TOP CASING 5TPI BOX	15.875	15.875	4.76	2	99
4.824	5 TPI Ext.	UPJ CASING 513/8 PIN	15.875	15.875	4.76	3	83
4.825	5 TPI Int.	UPJ CASING 513/8 BOX	15.75	15.75	4.76	1	99
4.826	8 TPI Ext.	UPJ TUBING 2/8-2/8 PIN	15.875	15.75	4.76	4	126
4.827	8 TPI Int.	UPJ TUBING 2/8-2/8 BOX	15.875	15.75	4.76	1	134
4.828	6 TPI Ext.	UPJ TUBING 3/2-4/2 PIN	15.875	15.75	4.76	4	109
4.829	6 TPI Int.	UPJ TUBING 3/2-4/2 BOX	15.875	15.75	4.76	1	115
4.830	5 TPI Int.	BUTTRESS INTERIEUR 5TPI	25	15.875	5	5	99
4.831	5 TPI Ext.	AMS F 5TPI Ext.	15.875	15.875	4.76	1	83
4.832	5 TPI Int.	AMS F 5TPI Int.	15.875	15.875	4.76	1	99
4.837	6 TPI Ext.	VAM TOP / VAM TOP HT 6TPI PIN	15.875	15.875	4.76	4	109
4.838	6 TPI Int.	VAM TOP TUBING 6TPI BOX ROUGHING	15.875	15.875	4.76	2	115
4.839	6 TPI Int.	VAM TOP TUBING 6TPI BOX FINISHING	15.875	15.875	4.76	1	115
4.841	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	15.875	15.875	4.76	1	83
4.842	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.875	15.875	4.76	1	84
4.843	5 TPI Ext.	KS BEAR 5TPI PIN	15.875	15.875	4.76	3	84
4.844	5 TPI Int.	KS BEAR 5TPI BOX	15.875	15.875	4.76	1	99
4.846	5 TPI Ext.	TSH Blue 5TPI Ext.	15.875	15.875	4.76	1	84
4.847	5 TPI Ext.	TSH 3SB 5TPI Ext.	15.875	15.875	4.76	1.5	84
4.848	4 TPI Int.	VAM TOP 4TPI BOX	15.875	15.875	4.76	2	68
4.849	5 TPI Ext.	A.P.I. BUTTRESS 5TPI 1/12 Finishing	25	15.875	5	5	84
4.850	5 TPI Int.	PREMIUM TPCO 5TPI BOX	15.875	15.75	4.76	2	99
4.851/1	5 TPI Ext.	BUTRESS 5TPI PIN N°1	17	14.56	5.2	3	84
4.851/2	5 TPI Ext.	BUTRESS 5TPI PIN N°2	17	14.8	5.2	3	84
4.851/3	5 TPI Ext.	BUTRESS 5TPI PIN N°3	17	14.96	5.2	3	84
4.854	5 TPI Ext.	VAM TOP 5TPI PIN	25	15.875	5	5	84
4.855	5 TPI Ext.	BUTTRESS 5 TPI PIN	25	15.871	5	5	85
4.856	4 TPI Ext.	TSH Blue NF - 6,25% - 4TPI Ext.	15.75	15.75	4.76	1	61
4.857	4 TPI Int.	TSH Blue NF - 6,25% - 4TPI Int.	15.75	15.75	4.76	1	69
4.858	4 TPI Ext.	TSH Blue NF - 8,50% - 4TPI Ext.	15.75	15.75	4.76	1	61
4.859	4 TPI Int.	TSH Blue NF - 8,50% - 4TPI Int.	15.75	15.75	4.76	1	69
4.860	5 TPI Ext.	A.P.I. BUTTRESS 5TPI 1/16 PIN	25	15.86	5	5	85
4.861	4 TPI Ext.	HDL 4TPI PIN	15.875	15.875	4.76	1	61
4.862	4 TPI Int.	HDL 4TPI BOX	15.875	15.875	4.76	1	69
4.863	5 TPI Int.	BUTTRESS 5TPI BOX PULLING	15.875	15.75	4.76	2	99
4.864	5 TPI Int.	BUTTRESS 5TPI BOX PULLING	15.875	15.75	4.76	3	99
4.865	5 TPI Ext.	BUTTRESS 5TPI PIN	15.875	15.75	4.76	1	85
4.866	6 TPI Int.	NKM 6TPI BOX PULLING	15.875	15.875	4.76	2	116

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11-50	4.867	10 TPI Int.	BOMBEO PREMIUM 10TPI BOX	12.7	12.7	4.76	1	138
	4.868	10 TPI Ext.	BOMBEO PREMIUM 10TPI PIN	12.7	12.7	4.76	1	136
	4.869	5 TPI Int.	NEW VAM 5TPI Roughing	15.875	15.875	4.76	2	100
	4.870	5 TPI Int.	BUT 5TPI BOX Roughing	15.875	15.875	4.76	3	100
	4.871	5 TPI Int.	BUT 5TPI 1/12 BOX	15.875	15.875	4.76	2	100
52-141	4.872	5 TPI Int.	BUT 5TPI 1/12 BOX	15.875	15.875	4.76	3	100
	4.873	4 TPI Int.	FJ WP 4TPI BOX	15.875	15.875	4.76	1	69
	4.874	4 TPI Ext.	FJ WP 4TPI PIN	15.875	15.875	4.76	1	61
	4.875	6 TPI Ext.	NEW VAM 6TPI PIN	12.7	12.7	4.76	2	110
	4.876	6 TPI Ext.	NEW VAM 6TPI PIN Roughing	12.7	12.7	4.76	3	110
142-153	4.877	5 TPI Int.	VAM TOP 5TPI BOX	15.875	15.875	4.76	1	100
	4.878	5 TPI Int.	VAM TOP 5TPI BOX Roughing	15.875	15.875	4.76	2	100
	4.879	5 TPI Ext.	VAM TOP 5TPI PIN	12.7	12.7	4.76	2	85
	4.880	4 TPI Ext.	VAM TOP 4TPI PIN	12.7	12.5	4.76	2	62
	4.881	4 TPI Ext.	VAM TOP 4TPI PIN Roughing	20	15.875	4.76	3	62
154-174	4.882	5 TPI Ext.	BUTTRESS 5TPI PIN	12.7	12.7	4.76	2	85
	4.883	5 TPI Ext.	BUTTRESS 5 TPI PIN Roughing	20	15.875	4.76	4	85
	4.884	4 TPI Int.	VAM TOP 4TPI BOX	12.7	12.7	4.76	2	69
	4.885	5 TPI Int.	VAM TOP 5TPI BOX	12.7	12.7	4.76	2	100
	4.888	5 TPI Int.	KS BEAR 5TPI BOX PULLING	15.875	15.875	4.76	1	100
	4.889	5 TPI Int.	PREMIUM 5TPI BOX	15.75	15.75	4.76	1	100
	4.890	5 TPI Int.	VAF 5TPI BOX PULLING	15.75	15.75	4.76	1	101
	4.891	4 TPI Int.	VAM TOP 4TPI BOX	12.7	12.5	4.76	2	69
	4.892	5 TPI Int.	VAM TOP 5TPI BOX	12.7	12.5	4.76	2	101
	4.893	5 TPI Ext.	TSH Blue NF - 5% - 5TPI Ext.	15.75	15.75	4.76	1	85
	4.894	5 TPI Int.	TSH Blue NF - 5% - 5TPI Int.	15.75	15.75	4.76	1	101
	4.895	4 TPI Ext.	TSH Blue NF - 5% - 4TPI Ext.	15.75	15.75	4.76	1	62
	4.896	4 TPI Int.	TSH Blue NF - 5% - 4TPI Int.	15.75	15.75	4.76	1	69
	4.897	5 TPI Int.	WARM 5TPI BOX	15.75	15.75	4.76	1	101
	4.897-hc	5 TPI Int.	WARM 5TPI BOX	15.75	15.75	4.76	1	101
	4.898	5 TPI Int.	WARM 5TPI BOX PULLING	15.75	15.75	4.76	2	101
	4.898-hc	5 TPI Int.	WARM 5TPI BOX PULLING	15.75	15.75	4.76	2	101
	4.901	4 TPI Ext.	VAM HW-ST 4TPI PIN h=2.4	25	15.875	5	4	62
	4.902	4 TPI Ext.	VAM HW-ST 4TPI PIN h=1.982	25	15.875	5	4	62
	4.903	6.35 TPI Ext.	VAM FJL 6.35TPI 1/16 PIN	15.875	15.875	4.76	1	110
	4.904	6.35 TPI Int.	VAM FJL 6.35TPI 1/16 BOX	15.875	15.875	4.76	1	116
	4.905	6.35 TPI Ext.	VAM FJL 6.35TPI PIN	15.875	15.875	4.76	1	110
	4.906	6.35 TPI Int.	VAM FJL 6.35TPI BOX	15.875	15.875	4.76	1	116
	4.911	5 TPI Int.	TMK GF 5TPI BOX	15.875	15.875	4.76	1.5	101
	4.912	5 TPI Ext.	TMK GF 5TPI PIN	15.875	15.875	4.76	3	85
	4.913	5 TPI Int.	TMK GF 5TPI BOX PULLING	15.875	15.875	4.76	2	101
	4.915/1	4 TPI Ext.	DIN405 4TPI PIN n°1	17	16.58	5.2	2	62
	4.915/2	4 TPI Ext.	DIN405 4TPI PIN n°2	17	16.9	5.2	2	62
	4.915/3	4 TPI Ext.	DIN405 4TPI PIN n°3	17	17	5.2	2	62
	4.916	3.4 TPI Ext.	VAM TOP NA - 2 cutting edges	19.5	19.5	6.35	2	53
	4.917	4 TPI Ext.	VAM TOP 4TPI PIN Roughing	25	15.66	5	4	62
	4.918	5 TPI Int.	HDL 5TPI 1"TPF BOX	15.875	15.875	4.76	1	102
	4.919	6 TPI Int.	VAM TOP HT 6TPI BOX	15.875	15.875	4.76	1	116
	4.920	5 TPI Int.	JFE BEAR 5TPI BOX Roughing	15.875	15.875	4.76	2	102
	4.921	6 TPI Int.	New Premium Joint V 6TPI Int - (Tooth and a 1/2)	15.875	15.75	4.76	1.5	116
	4.924	8 TPI Ext.	BGT1 8TPI PIN	15.875	15.875	4.76	3	127
	4.925	8 TPI Ext.	BGT8 8TPI PIN	12.7	15.875	4.76	1	127

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Reference	Pitch	Profile	Width	Height	Thick.	Teeth.	Page
4.926	5 TPI Ext.	BGC 1/16 5TPI PIN	25	15.875	5	5	85
4.927	8 TPI Int.	BGT8 8TPI BOX	15.875	15.875	4.76	1	134
4.930	6 TPI Ext.	VAM TOP 6TPI PIN Roughing	15.875	15.31	4.76	3	110
4.933	8 TPI Ext.	VAM TOP 8TPI PIN	15.875	15.875	4.76	2	127
4.934	8 TPI Ext.	VAM TOP 8TPI PIN Roughing	15.875	15.87	4.76	4	127
4.935/1	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.62	5.2	3	127
4.935/2	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	14.87	5.2	3	127
4.935/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15	5.2	3	127
4.936	3 TPI Int.	TSH Blue HW Hook 3TPI Int.	15.875	15.875	4.76	1.5	55
4.937	3 TPI Ext.	TSH Blue HW Hook 3TPI Ext.	25	15.875	5	3	53
4.938	5 TPI Ext.	BUTTRESS 1/16 5TPI PIN Pulling	15.875	15.875	4.76	3	86
4.940-2	5 TPI Ext.	BGC 1/16 5TPI PIN	20	15.875	4.76	4	86
4.941-1	8 TPI Ext.	BGT1 8TPI PIN N°1	15.875	15.77	4.76	3	127
4.941-2	8 TPI Ext.	BGT1 8TPI PIN N°2	15.875	15.875	4.76	4	127
4.942	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	15.875	15.875	4.76	1	86
4.943	8 TPI Int.	VAM TOP 8TPI BOX	15.875	15.875	4.76	1	134
4.944	5 TPI Int.	VAM MUST 5TPI 1/10 BOX	15.875	15.875	4.76	1	102
4.945	5 TPI Ext.	VAM MUST 5TPI 1/10 PIN	15.875	15.875	4.76	1	86
4.946	5 TPI Int.	VAM MUST 5TPI 1/16 BOX	15.875	15.875	4.76	1	102
4.947	5 TPI Ext.	VAM MUST 5TPI 1/16 PIN	15.875	15.875	4.76	1	86
4.948	6 TPI Int.	JFE BEAR 6TPI 1/16 BOX	15.875	15.875	4.76	1	116
4.950/1	5 TPI Ext.	BUTTRESS 5TPI PIN N°1	25	14.62	5	4	86
4.950/2	5 TPI Ext.	BUTTRESS 5TPI PIN N°2	25	14.83	5	4	86
4.950/3	5 TPI Ext.	BUTTRESS 5TPI PIN N°3	25	15	5	4	86
4.951/1	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.36	5.2	3	63
4.951/2	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.67	5.2	3	63
4.951/3	4 TPI Ext.	TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	22.3	15.875	5.2	3	63
4.952/1	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.105	5.2	3	86
4.952/2	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.31	5.2	3	87
4.952/3	5 TPI Ext.	TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	17	14.48	5.2	3	87
4.957	5 TPI Int.	GOST OTTM - PULLING	15.875	15.75	4.76	3	102
4.962	8 TPI Ext.	TMK-FMT 8TPI PIN	15.875	15.75	4.76	4	128
4.963	6 TPI Ext.	TMK-FMT 6TPI PIN	15.875	15.75	4.76	4	110
4.964	8 TPI Int.	TMK-FMT 8TPI BOX	15.875	15.875	4.76	1	134
4.965	6 TPI Int.	TMK-FMT 6TPI BOX	15.875	15.875	4.76	1	116
4.966/3	8 TPI Ext.	A.P.I. ROUND TUBING - for rotating tools	16	15.05	5.2	3	128
4.967	5 TPI Int.	JFE BEAR 5TPI BOX Roughing	15.875	15.875	4.76	1	102
4.968	5 TPI Int.	BGC 5TPI BOX Roughing	15.75	15.64	4.76	1	102
4.969	5 TPI Int.	BGC 5TPI BOX Pulling Roughing	15.75	15.5	4.76	2	102
4.970	5 TPI Int.	VAGT 5TPI BOX	15.75	15.75	4.76	2	102
4.973/1	6 TPI Ext.	TMK-FMT 6TPI EXT N°1	17	14.085	5.2	3	110
4.973/2	6 TPI Ext.	TMK-FMT 6TPI EXT N°2	17	14.26	5.2	3	110
4.973/3	6 TPI Ext.	TMK-FMT 6TPI EXT N°3	17	14.406	5.2	4	110
4.978	5 TPI Int.	BUTTRESS 5TPI BOX	25	15.875	5	5	103
4.979	4 TPI Int.	TSH ER + MS 4TPI Int.	15.75	15.75	4.76	1.5	69
4.980	5 TPI Int.	TSH Blue + PJD Csg Int.	15.875	15.875	4.76	1.5	103
4.981	4 TPI Int.	TSH Blue + Blue SAGD 4TPI Int.	15.875	15.875	4.76	1.5	69
4.985	5 TPI Ext.	JFE BEAR 5TPI PIN	15.875	15.875	4.76	3	87
4.986	5 TPI Int.	JFE BEAR 5TPI BOX	15.875	15.875	4.76	1.5	103
4.987	5 TPI Int.	JFE BEAR 5TPI BOX PULLING	15.875	15.875	4.76	1.5	103
4.988	5 TPI Ext.	TSH HW + HWSL + NewHWSL 5 TPI Ext.	15.875	15.875	4.76	2	87
4.989	5 TPI Int.	NEW PREMIUM JOINT 5TPI Int.	15.875	15.875	4.76	1.5	103

Index by
profile

11-35

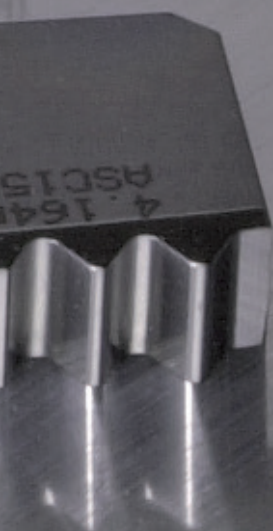
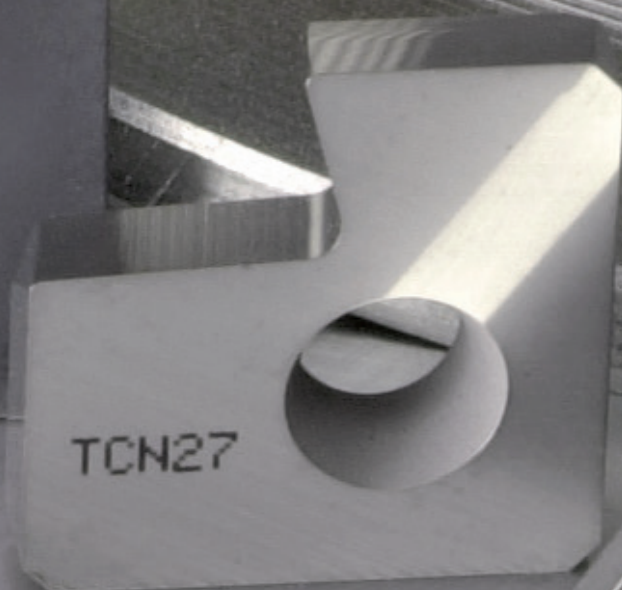
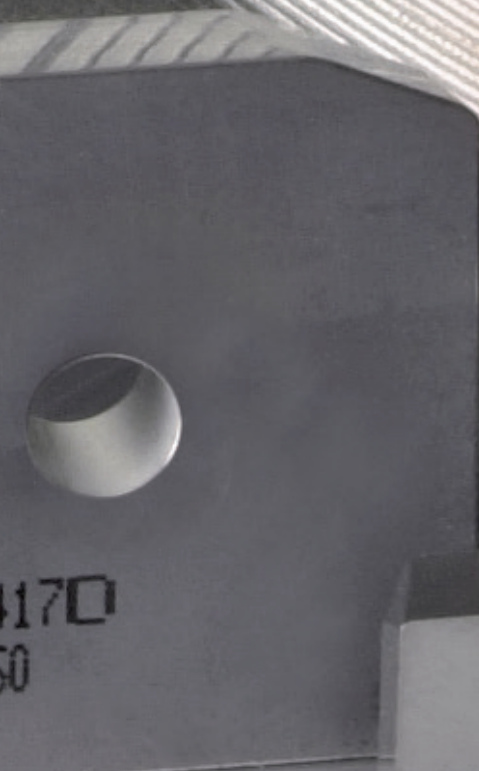
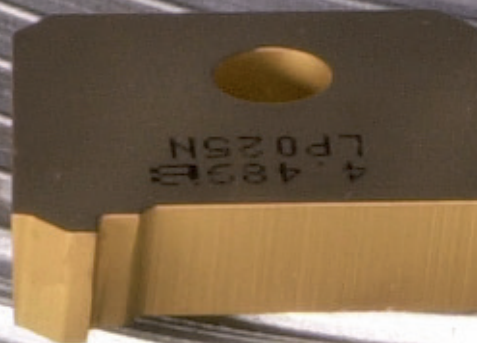
Index
alphanumeric

36-50

Threading inserts

Alphanumeric

[illegible]



External threading inserts

3 & 3.4 TPI

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11-50

Threading-
inserts

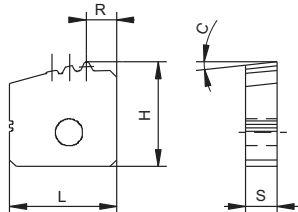
52-141

Shim seats

142-153

Chip
breakers

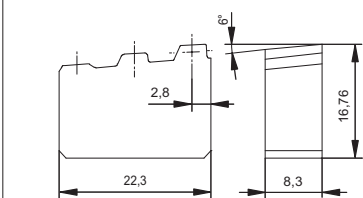
154-174



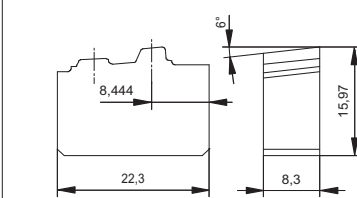
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BIG OMEGA - Set for rotating tools	4.211		●		22.3	16.76	2.8	8.3	6	3
BIG OMEGA - Set for rotating tools	4.212		●		22.3	15.97	8.444	8.3	6	2
BIG OMEGA - Set for rotating tools	4.213		●		22.3	16.41	5.622	8.3	6	2
BIG OMEGA	4.229		●		25	24.8	4	7.94	6	3
BIG OMEGA - 2 Cutting edges	4.255			●	19.5	19.5	3	6.35	6	2
TSH ER 3TPI Ext.	4.360	●			25	16.67	3	5	6	3
INTERLOCK - (TC2273)	4.458	●			15.875	15.875	1.93	4.76	12	2
DINO VAM (8,33 %)	4.617		●		25	16.5	1.592	5	12	3
DINO VAM (8,33 %)	4.618	●			15.875	16.5	1.5	4.76	12	2

4.211

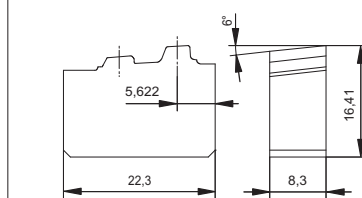
BIG OMEGA - Set for rotating tools

**4.212**

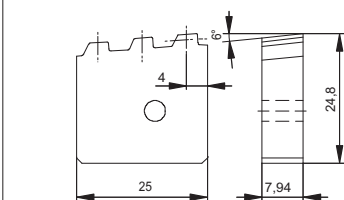
BIG OMEGA - Set for rotating tools

**4.213**

BIG OMEGA - Set for rotating tools

**4.229**

BIG OMEGA



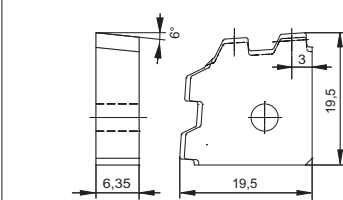
C/30150



C/30151

4.255

BIG OMEGA - 2 Cutting edges



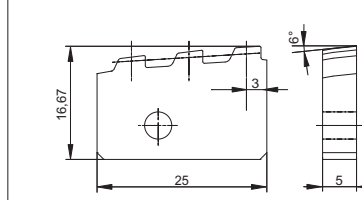
C/27856/1



C/26746

4.360

TSH ER 3TPI Ext.



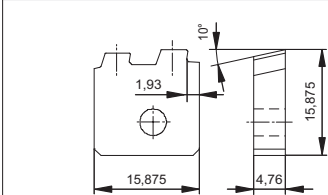
C/26717/1



C/27522

4.458

INTERLOCK - (TC2273)



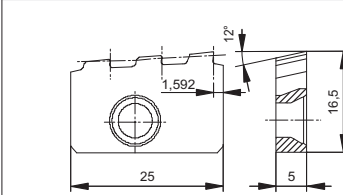
C/27525/1



C/27526

4.617

DINO VAM (8,33 %)



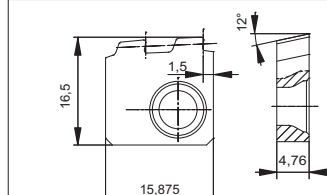
C/82297/1



C/82296

4.618

DINO VAM (8,33 %)



C/27525/1

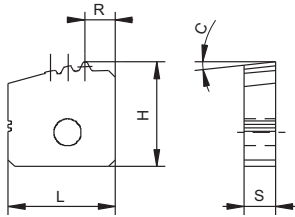


C/82298

External threading inserts 3 & 3.4 TPI



53



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
DINO VAM (12,5 %)	4.619	●			25	16.5	1.591	5	12	3
DINO VAM (12,5 %)	4.620		●		15.875	16.5	1.5	4.76	12	2
BIG OMEGA - PULLING	4.645		●		15.875	15.875	12	4.76	10	2
BIG OMEGA - Roughing	4.734			●	25	16	3	5	10	3
TSH BF 3TPI Ext.	4.737	●			15.875	15.875	12.4	4.76	12	1
VAM TOP NA - 2 cutting edges	4.916			●	19.5	19.5	3.3	6.35	10	2
TSH Blue HW Hook 3TPI Ext.	4.937		●		25	15.875	4	5	6	3

4.619
DINO VAM (12,5 %)

C/82297/1 C/82296

4.620
DINO VAM (12,5 %)

C/27525/1 C/82298

4.645
BIG OMEGA - PULLING

C/82341 C/82340

4.734
BIG OMEGA - Roughing

C/89316 C/83352

4.737
TSH BF 3TPI Ext.

C/87391 C/29624

4.916
VAM TOP NA - 2 cutting edges

C/27856/1 C/27855

4.937
TSH Blue HW Hook 3TPI Ext.

C/89316 C/89315

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

3 & 3.4 TPI

Index

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Threading-
inserts

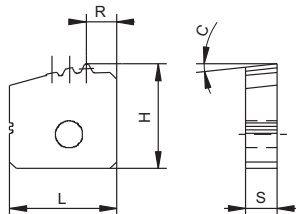
52-141

Shim seats

142-153

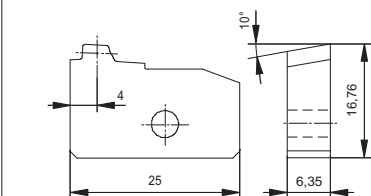
Chip
breakers

154-174



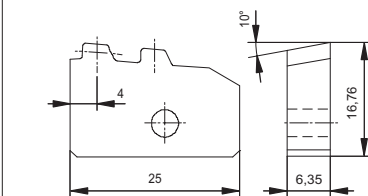
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BIG OMEGA	4.239-1		●		25	16.76	4	6.35	10	1
BIG OMEGA	4.239-2		●		25	16.76	4	6.35	10	2
BIG OMEGA	4.239-3		●		25	16.76	4	6.35	10	3
BIG OMEGA - 2 Cutting edges	4.257	●		●	19.5	19.5	3	6.35	8	2
TSH ER 3TPI Int.	4.361	●	●	●	15.75	15.75	11.1	4.76	8	1
BIG OMEGA	4.449		●		25	20	4	7.94	10	3
INTERLOCK - (TO2274)	4.459	●			15.875	15.875	12.2	4.76	10	1
DINO VAM (8,33 %)	4.616		●		15.875	16.5	1.5	4.76	12	2
DINO VAM (12,5 %)	4.621		●		15.875	16.5	1.5	4.76	12	2

4.239-1
BIG OMEGA



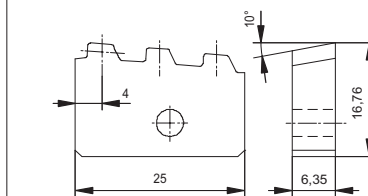
C/26244 C/26425

4.239-2
BIG OMEGA



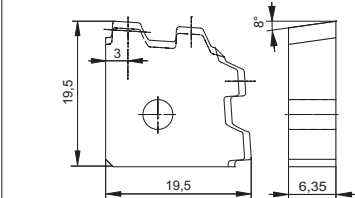
C/26244 C/26425

4.239-3
BIG OMEGA



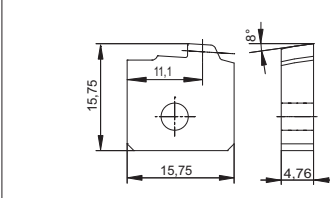
C/26244 C/26425

4.257
BIG OMEGA - 2 Cutting edges



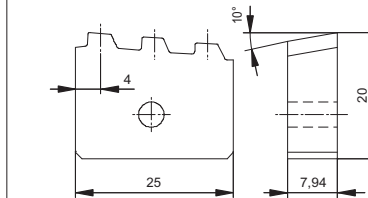
C/27865 C/27866

4.361
TSH ER 3TPI Int.



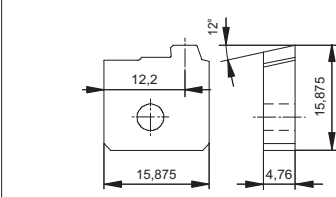
C/26350 C/26349

4.449
BIG OMEGA



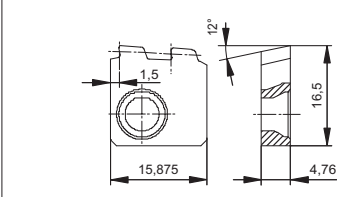
C/36624 C/36625

4.459
INTERLOCK - (TO2274)



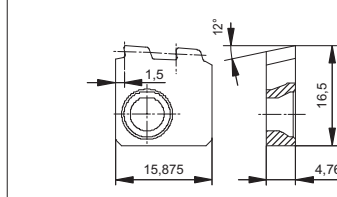
C/26350 C/26349

4.616
DINO VAM (8,33 %)

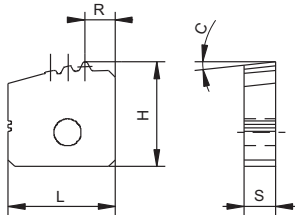


C/82341 C/82340

4.621
DINO VAM (12,5 %)

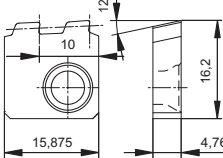


C/82341 C/82340



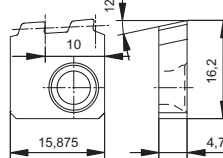
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
DINO VAM (8,33%) - PULLING	4.640		●		15.875	16.5	10	4.76	12	2
DINO VAM (12,5%) - PULLING	4.641		●		15.875	16.67	10	4.76	12	2
BIG OMEGA - PULLING	4.646		●		15.875	15.875	12	4.76	10	2
TSH BF 3 TPI Int.	4.738	●			15.875	15.875	12.4	4.76	12	1
TSH Blue HW Hook 3TPI Int.	4.936		●		15.875	15.875	13	4.76	12	1.5
TSH ER 3TPI Int.	4.990		●		15.75	15.75	12.8	4.76	8	1.5

4.640
DINO VAM (8,33%) - PULLING



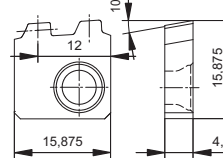
C/99313 C/82298

4.641
DINO VAM (12,5%) - PULLING



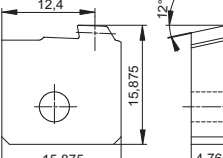
C/99313 C/82298

4.646
BIG OMEGA - PULLING



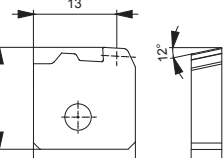
C/99313 C/82298

4.738
TSH BF 3 TPI Int.



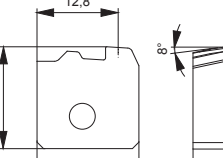
C/26350 C/26349

4.936
TSH Blue HW Hook 3TPI Int.



C/34098/2 C/26349

4.990
TSH ER 3TPI Int.



C/26350 C/26349

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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External threading inserts

4 TPI

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Threading-
inserts

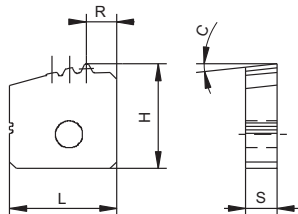
52-141

Shim seats

142-153

Chip
breakers

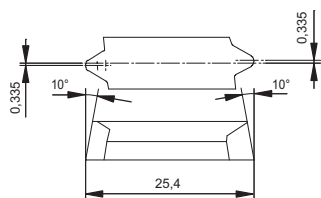
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
V0.038 R PIN 4TPI - 2"TPF	2.424			●	7.72	25.4	0.335	5.8	10	1
V0.050 PIN 4TPI - 2"TPF	2.428			●	7.72	25.4	0.335	5.8	10	1
V0,038 R 3"TPF	2.433		●		7.72	25.4	0.335	5.8	10	1
V0.038 R 3"TPF	2.434			●	7.72	25.4	0.335	5.8	10	1
V0.050 PIN 4TPI - 3"TPF	2.475			●	7.72	25.4	0.335	5.8	10	1
27ER 4API382	3.1004		●		15.875	2.791	3.1	6.35	0	1.5
27ER 4API383	3.1005		●		15.875	2.911	3.1	6.35	0	1.5
27ER 4API502	3.1006		●		15.875	2.401	3.1	6.35	0	1.5
27ER 4API503	3.1024		●		15.875	2.101	3.1	6.35	0	1.5

2.424

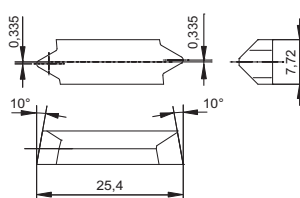
V0.038 R PIN 4TPI - 2"TPF



C/36284

2.428

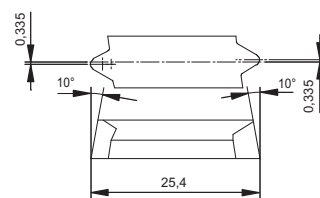
V0.050 PIN 4TPI - 2"TPF



C/36284

2.433

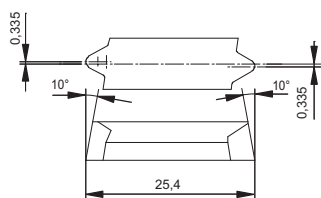
V0,038 R 3"TPF



C/36284

2.434

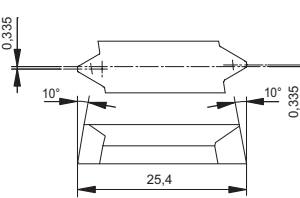
V0.038 R 3"TPF



C/36284

2.475

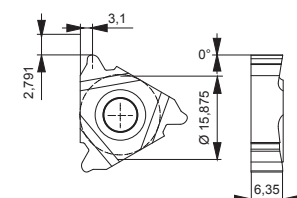
V0.050 PIN 4TPI - 3"TPF



C/36284

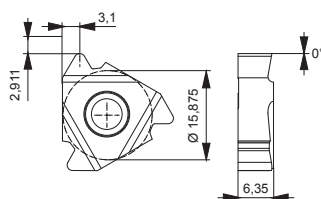
3.1004

27ER 4API382



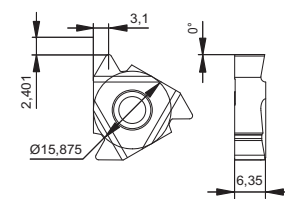
3.1005

27ER 4API383



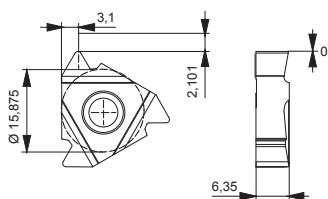
3.1006

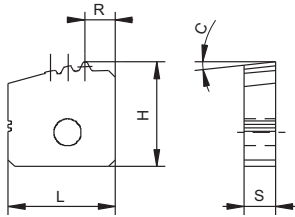
27ER 4API502



3.1024

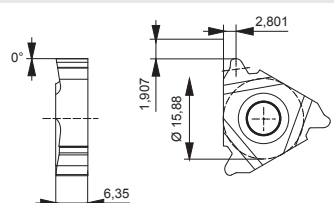
27ER 4API503





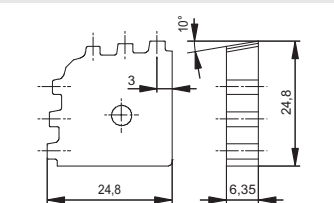
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
Drill Collar 4TPI PIN	3.909		●	●	15.88	1.907	2.801	6.35	0	1
HPC 8 (9"5/8 to 14") - 2 Cutting edges	4.234		●		24.8	24.8	3	6.35	10	3
HPC 8 (9"5/8 to 14") - 2 Cutting edges	4.235	●			19.5	19.5	5	6.35	10	2
TSH ER + MS 4TPI Ext.	4.238	●			15.75	15.75	3.34	4.76	6	2
HPC 12 (14") - 2 Cutting edges	4.251	●			19.5	19.5	5	6.35	10	2
HPC 6 - 2 Cutting edges	4.286	●			19.5	19.5	5	6.35	10	2
MID OMEGA - 2 Cutting edges	4.316	●			19.5	19.5	5	6.35	10	2
MID OMEGA 12 E - Set for rotating tools	4.348/1		●		17	15.029	6.398	8.3	10	2
MID OMEGA 12 E - Set for rotating tools	4.348/2		●		17	15.487	4.282	8.3	10	2

3.909
Drill Collar 4TPI PIN



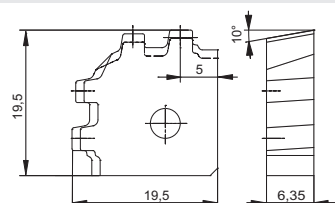


4.234
HPC 8 (9"5/8 to 14") - 2 Cutting edges



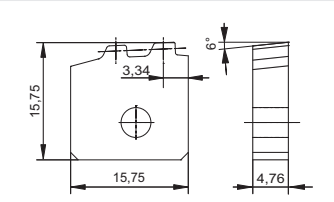


4.235
HPC 8 (9"5/8 to 14") - 2 Cutting edges



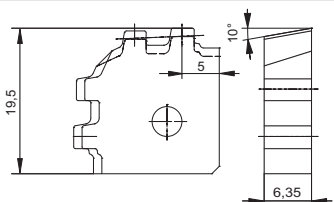


4.238
TSH ER + MS 4TPI Ext.



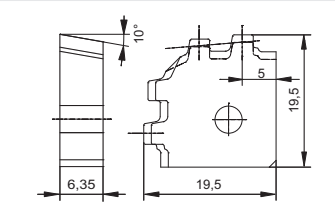


4.251
HPC 12 (14") - 2 Cutting edges



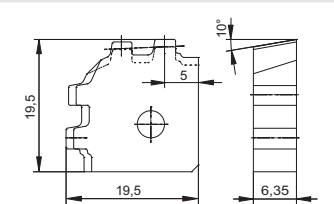


4.286
HPC 6 - 2 Cutting edges



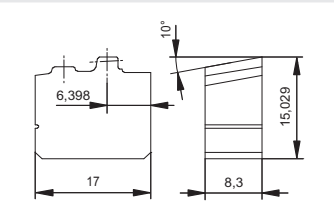


4.316
MID OMEGA - 2 Cutting edges



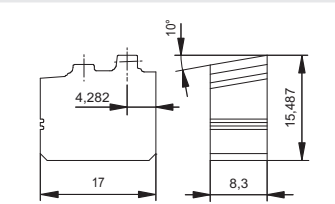


4.348/1
MID OMEGA 12 E - Set for rotating tools





4.348/2
MID OMEGA 12 E - Set for rotating tools





3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

4 TPI

Index

11-50

Threading-
inserts

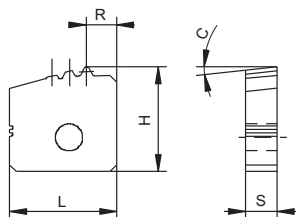
52-141

Shim seats

142-153

Chip
breakers

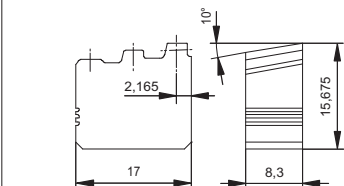
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
MID OMEGA 12 E - Set for rotating tools	4.348/3		●		17	15.675	2.165	8.3	10	3
TSH MS28 + MS28 XT/XC 4TPI Ext.	4.389	●		●	15.75	15.75	12.5	4.76	12	1
TSH MS28 + MS28 XT/XC 4TPI Ext.	4.389 M4	●	●		25	15.875	3	5	10	4
TSH ER + MS 4TPI Ext.	4.438	●	●		25	15.875	3.2	5	6	4
INTERLOCK - (TO2443)	4.456		●		15.875	15.875	4.4	4.76	12	2
TSH ER + MS 4TPI Ext.	4.467	●			15.75	15.75	3.34	4.76	6	2
E-S2F J2 PIN	4.499		●		12.7	15.4	9.8	4.76	10	1
AB-TC II 4TPI 3/4"TPF Ext.	4.502		●		20	15.875	1.212	4.76	10	3
A.B. TC II	4.550	●	●	●	25	15.875	1.613	5	6	4

4.348/3

MID OMEGA 12 E - Set for rotating tools



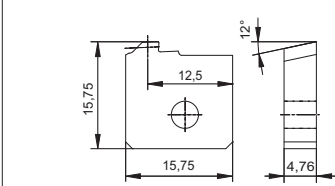
C/26355



C/26356

4.389

TSH MS28 + MS28 XT/XC 4TPI Ext.



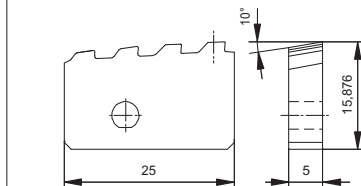
C/27525/1



C/27526

4.389 M4

TSH MS28 + MS28 XT/XC 4TPI Ext.



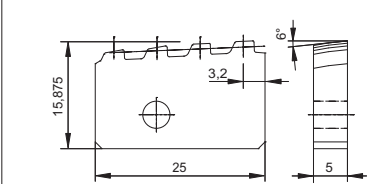
C/82587



C/82586

4.438

TSH ER + MS 4TPI Ext.



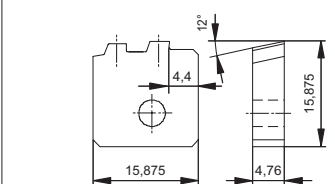
C/82587



C/82586

4.456

INTERLOCK - (TO2443)



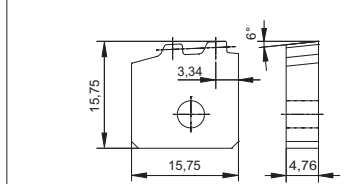
C/27525/1



C/27526

4.467

TSH ER + MS 4TPI Ext.



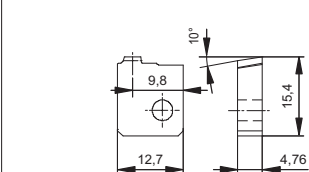
C/27525/1



C/27526

4.499

E-S2F J2 PIN



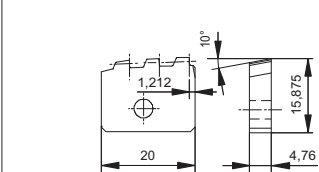
C/33844



C/33845

4.502

AB-TC II 4TPI 3/4"TPF Ext.



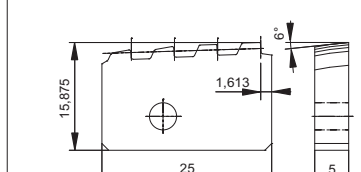
C/30855



C/28681

4.550

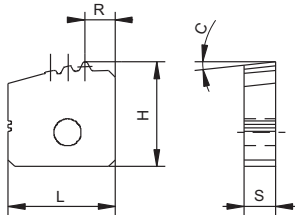
A.B. TC II



C/82587

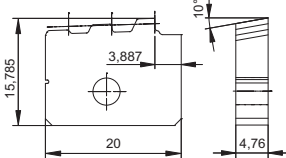


C/82586



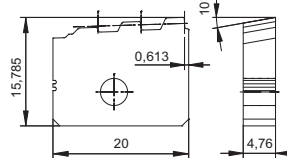
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.B. TC II - Set for CERATIZIT Tooling	4.555-1	●	●		20	15.785	3.887	4.76	10	3
A.B. TC II - Set for CERATIZIT Tooling	4.555-2	●	●		20	15.987	0.613	4.76	10	3
A.B. BTB 1" TPF	4.571	●			25	15.875	1.524	5	12	4
TSH ER + MS 4TPI Ext. - Set (2)	4.583-1	●	●		20	15.638	3.887	4.76	10	3
TSH ER + MS 4TPI Ext. - Set (2)	4.583-2	●	●		20	15.875	0.612	4.76	10	3
TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	4.586-1	●			20	15.444	3.823	4.76	10	3
TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)	4.586-2	●			20	15.681	0.562	4.76	10	3
AB-NJO/ANJO 4TPI 3/4"TPF Ext.	4.608-1		●		15.875	15.875	11.51	4.76	12	1
AB-NJO/ANJO 4TPI 3/4"TPF (0.062RH) Ext.	4.608-2		●		15.875	15.875	11.3	4.76	12	1

4.555-1
A.B. TC II - Set for CERATIZIT Tooling



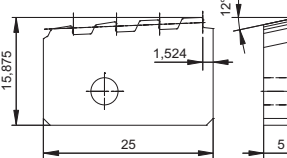
C/84063/2 C/28681

4.555-2
A.B. TC II - Set for CERATIZIT Tooling



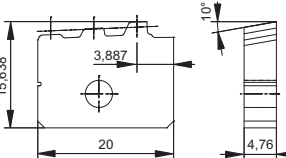
C/30855 C/28681

4.571
A.B. BTB 1" TPF



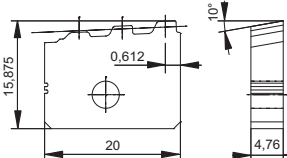
C/82587 C/82586

4.583-1
TSH ER + MS 4TPI Ext. - Set (2)



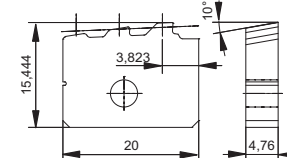
C/84063/2 C/28681

4.583-2
TSH ER + MS 4TPI Ext. - Set (2)



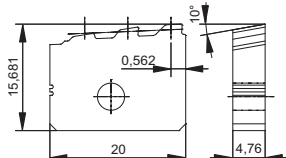
C/30855 C/28681

4.586-1
TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)



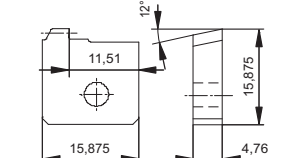
C/84063/2 C/28681

4.586-2
TSH MS28 + MS28 XT/XC 4TPI Ext. - Set (2)



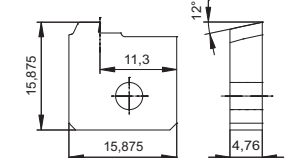
C/84063/2 C/28681

4.608-1
AB-NJO/ANJO 4TPI 3/4"TPF Ext.



C/87391 C/29624

4.608-2
AB-NJO/ANJO 4TPI 3/4"TPF (0.062RH) Ext.



C/87391 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

4 TPI

Index

11-50

Threading-
inserts

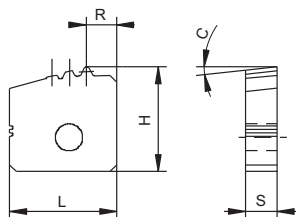
52-141

Shim seats

142-153

Chip
breakers

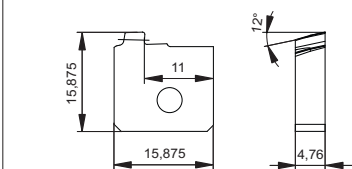
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAM ACE CASING	4.631		●		15.875	15.875	11	4.76	12	1
VAM HWST CASING	4.633		●		15.875	16.5	0.8	4.76	12	1
A.B. 3x25° 0,75" TPF	4.635-1			●	20	16.028	3.887	4.76	12	3
A.B. 3x25° 0,75" TPF	4.635-2			●	20	16.232	0.613	4.76	12	3
TSH ER + MS 4TPI Ext. - Set (3)	4.668/1	●	●		22.3	15.375	6.74	5.2	10	3
TSH ER + MS 4TPI Ext. - Set (3)	4.668/2	●	●		22.3	15.677	4.623	5.2	10	3
TSH ER + MS 4TPI Ext. - Set (3)	4.668/3	●	●		22.3	15.875	2.506	5.2	10	3
A.B. TC II - Set for rotating tools	4.695/1	●			22.3	15.43	5.223	5.2	10	3
A.B. TC II - Set for rotating tools	4.695/2	●			22.3	15.707	3.122	5.2	10	3

4.631

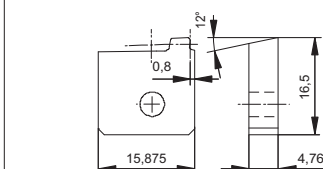
VAM ACE CASING


 C/27525/1

 C/27526

4.633

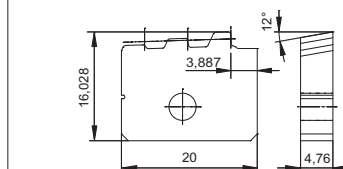
VAM HWST CASING


 C/27525/1

 C/27526

4.635-1

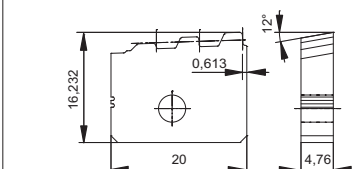
A.B. 3x25° 0,75" TPF


 C/84063/2

 C/28681

4.635-2

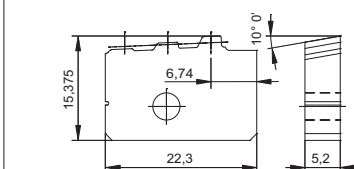
A.B. 3x25° 0,75" TPF


 C/30855

 C/28681

4.668/1

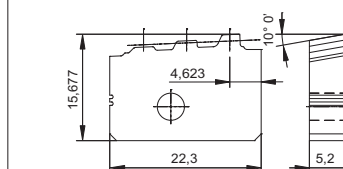
TSH ER + MS 4TPI Ext. - Set (3)


 C/89335

 C/89334

4.668/2

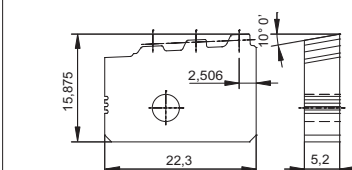
TSH ER + MS 4TPI Ext. - Set (3)


 C/89335

 C/89334

4.668/3

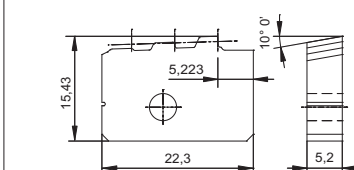
TSH ER + MS 4TPI Ext. - Set (3)


 C/89335

 C/89334

4.695/1

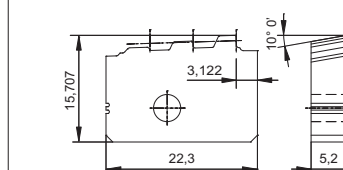
A.B. TC II - Set for rotating tools


 C/89335

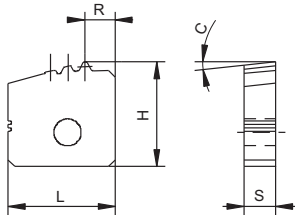
 C/89334

4.695/2

A.B. TC II - Set for rotating tools


 C/89335

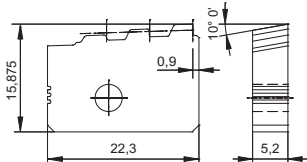
 C/89334



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.B. TC II - Set for rotating tools	4.695/3	●			22.3	15.875	0.9	5.2	10	3
TSH MS XT/XC 4TPI Ext.	4.739	●	●		25	15.875	3.2	5	6	4
VAM TOP	4.791	●			25	15.875	3	5	8	4
TSH Blue + Blue SAGD 4TPI Ext.	4.799		●		25	15.875	3.2	5	6	5
TSH RS 4TPI Ext.	4.819	●			15.875	15.875	3.2	4.76	6	2
TSH Blue NF - 6,25% - 4TPI Ext.	4.856	●	●		15.75	15.75	13	4.76	10	1
TSH Blue NF - 8,50% - 4TPI Ext.	4.858	●	●		15.75	15.75	13	4.76	10	1
HDL 4TPI PIN	4.861	●			15.875	15.875	11	4.76	6	1
FJ WP 4TPI PIN	4.874		●		15.875	15.875	12.8	4.76	10	1

4.695/3

A.B. TC II - Set for rotating tools

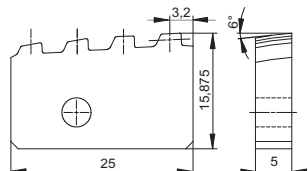


C/89335

C/89334

4.739

TSH MS XT/XC 4TPI Ext.

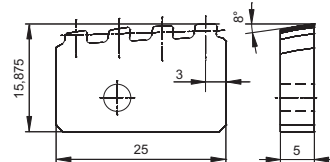


C/82587

C/82586

4.791

VAM TOP

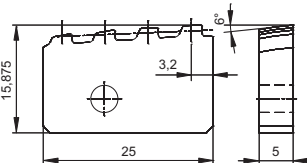


C/26717/2

C/82586

4.799

TSH Blue + Blue SAGD 4TPI Ext.

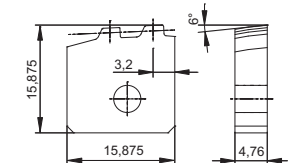


C/82587

C/82586

4.819

TSH RS 4TPI Ext.

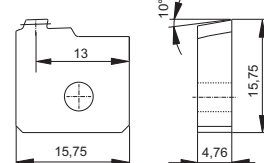


C/26430

C/26429

4.856

TSH Blue NF - 6,25% - 4TPI Ext.

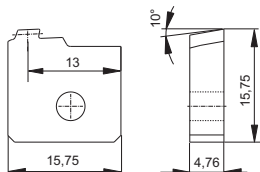


C/87391

C/29624

4.858

TSH Blue NF - 8,50% - 4TPI Ext.

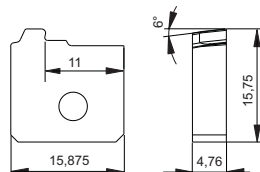


C/87391

C/29624

4.861

HDL 4TPI PIN

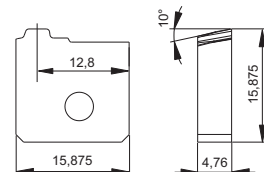


C/87391

C/29624

4.874

FJ WP 4TPI PIN



C/87391

C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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External threading inserts

4 TPI

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Threading-
inserts

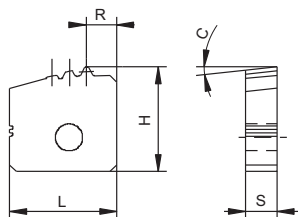
52-141

Shim seats

142-153

Chip
breakers

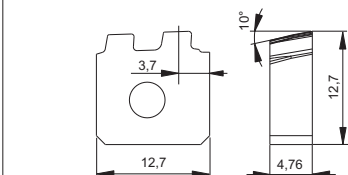
154-174



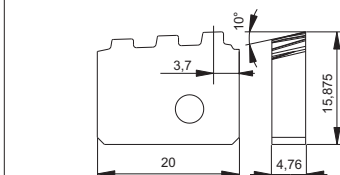
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAM TOP 4TPI PIN	4.880		●		12.7	12.5	3.7	4.76	10	2
VAM TOP 4TPI PIN Roughing	4.881		●		20	15.875	3.7	4.76	10	3
TSH Blue NF - 5% - 4TPI Ext.	4.895		●		15.75	15.75	13	4.76	10	1
VAM HW-ST 4TPI PIN h=2.4	4.901		●		25	15.875	3	5	12	4
VAM HW-ST 4TPI PIN h=1.982	4.902		●		25	15.875	3	5	12	4
DIN405 4TPI PIN n°1	4.915/1		●		17	16.58	8.408	5.2	10	2
DIN405 4TPI PIN n°2	4.915/2		●		17	16.9	6.292	5.2	10	2
DIN405 4TPI PIN n°3	4.915/3		●		17	17	4.175	5.2	10	2
VAM TOP 4TPI PIN Roughing	4.917		●		25	15.66	3	5	10	4

4.880

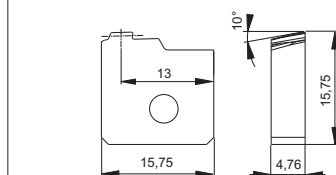
VAM TOP 4TPI PIN

**4.881**

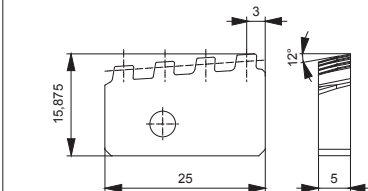
VAM TOP 4TPI PIN Roughing

**4.895**

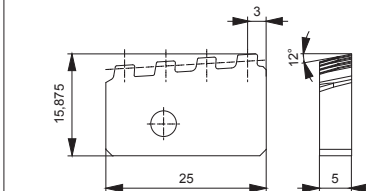
TSH Blue NF - 5% - 4TPI Ext.

**4.901**

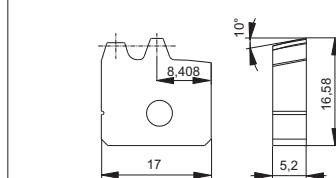
VAM HW-ST 4TPI PIN h=2.4

**4.902**

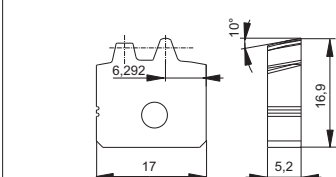
VAM HW-ST 4TPI PIN h=1.982

**4.915/1**

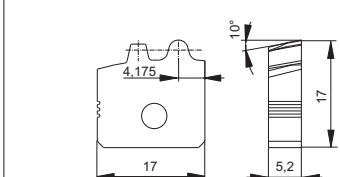
DIN405 4TPI PIN n°1

**4.915/2**

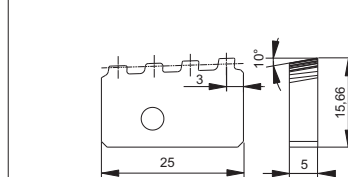
DIN405 4TPI PIN n°2

**4.915/3**

DIN405 4TPI PIN n°3

**4.917**

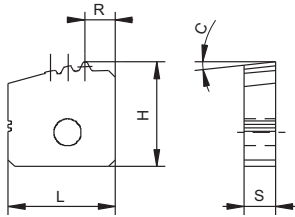
VAM TOP 4TPI PIN Roughing



External threading inserts 4 TPI



63



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	4.951/1		●		22.3	15.36	7.233	5.2	10	3
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	4.951/2		●		22.3	15.67	5.117	5.2	10	3
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)	4.951/3		●		22.3	15.875	3	5.2	10	3

4.951/1
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)

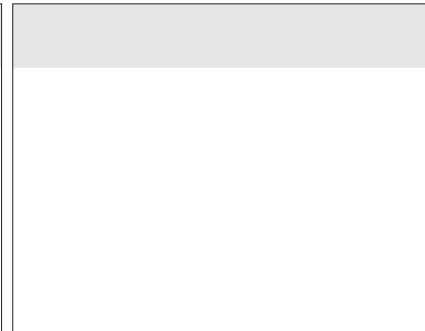
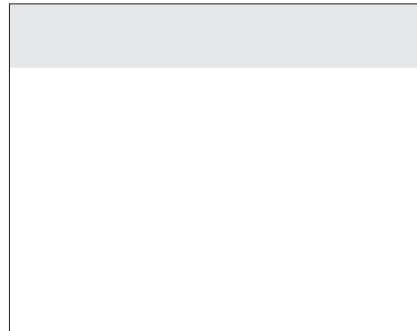
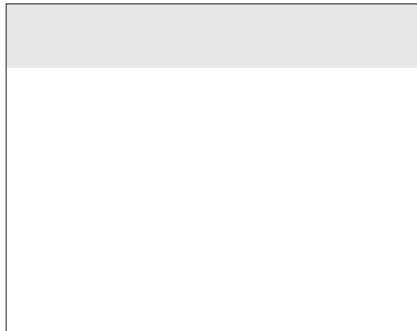
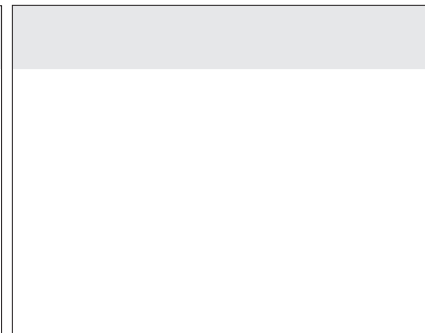
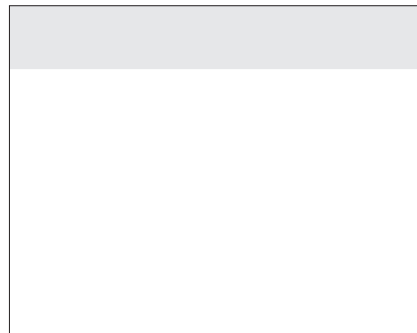
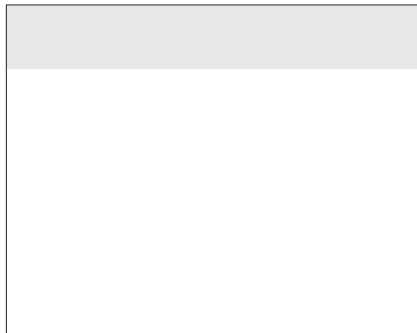
C/89335 C/89334

4.951/2
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)

C/89335 C/89334

4.951/3
TSH Blue + Blue SAGD 4TPI Ext.- Set (3)

C/89335 C/89334



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

4 TPI

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Threading-
inserts

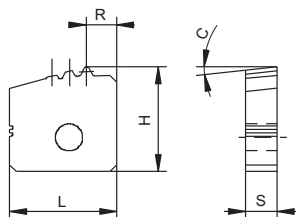
52-141

Shim seats

142-153

Chip
breakers

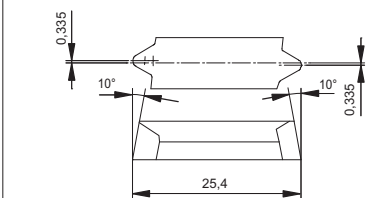
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
V0,038 R 2"TPF	2.425			●	7.72	25.4	0.335	5.8	10	1
V0.050 BOX 4TPI - 2"TPF	2.429			●	7.72	25.4	0.335	5.8	10	1
V0.050 BOX 4TPI - 3"TPF	2.470			●	7.72	25.4	0.335	5.8	10	1
27NR 4API382	3.1008		●		15.875	2.791	3.1	6.35	0	1.5
27NR 4API383	3.1009		●		15.875	2.911	3.1	6.35	0	1.5
27NR 4API502	3.1010		●		15.875	2.401	3.1	6.35	0	1.5
27NR 4API503	3.1025		●		15.875	2.101	3.1	6.35	0	1.5
TSH Blue + Blue SAGD 4TPI Int. Pulling	4.1000		●		15.875	15.875	13.6	4.76	10	2
TSH ER + MS 4TPI Int.	4.237		●		15.75	15.75	12.225	4.76	8	1

2.425

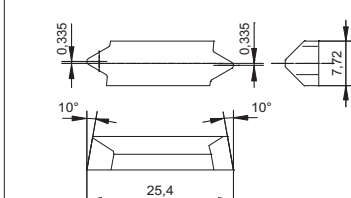
V0,038 R 2"TPF



C/36283

2.429

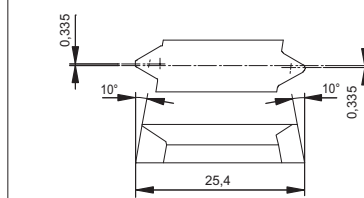
V0.050 BOX 4TPI - 2"TPF



C/36283

2.470

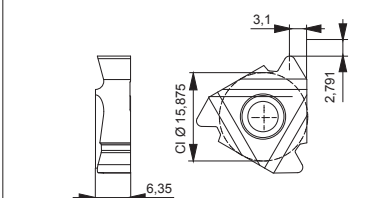
V0.050 BOX 4TPI - 3"TPF



C/36283

3.1008

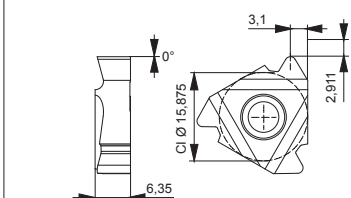
27NR 4API382



C/36283

3.1009

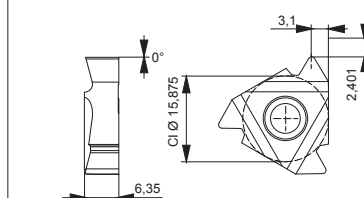
27NR 4API383



C/36283

3.1010

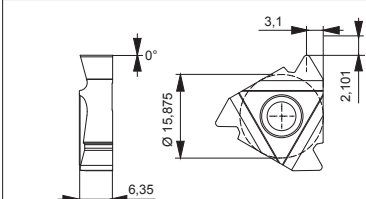
27NR 4API502



C/36283

3.1025

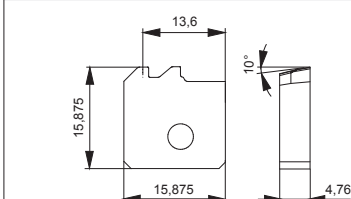
27NR 4API503



C/36283

4.1000

TSH Blue + Blue SAGD 4TPI Int. Pulling

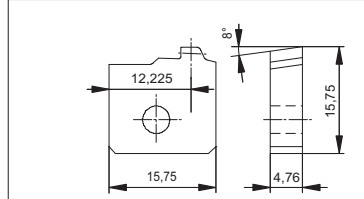


C/99313

C/29624

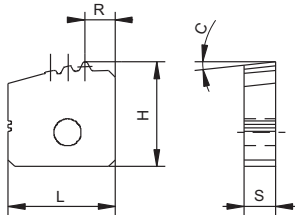
4.237

TSH ER + MS 4TPI Int.

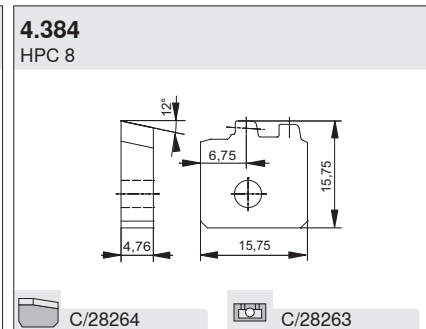
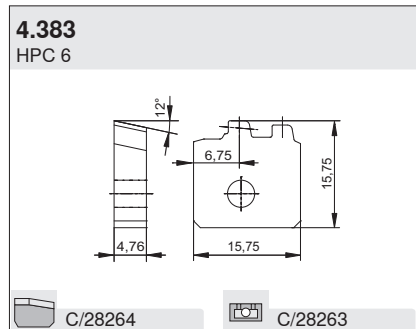
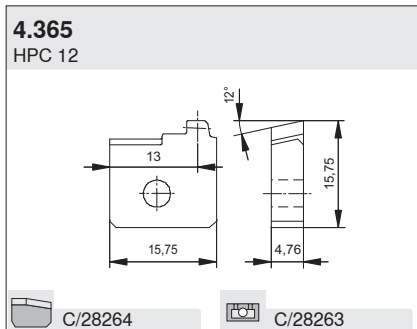
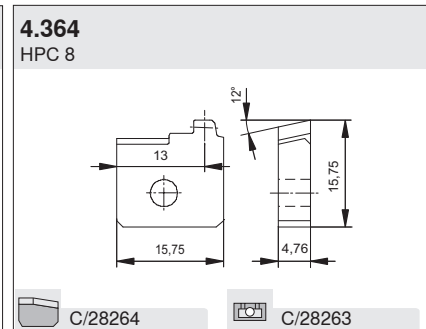
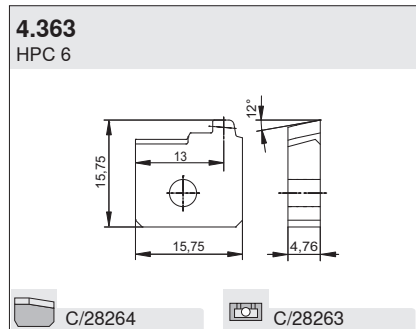
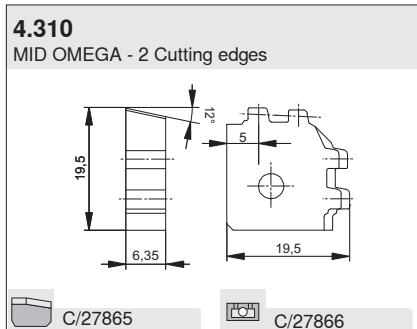
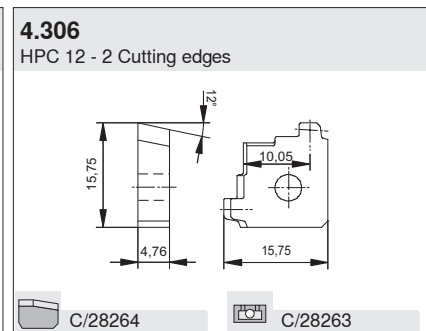
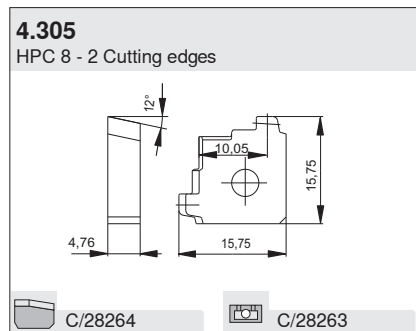
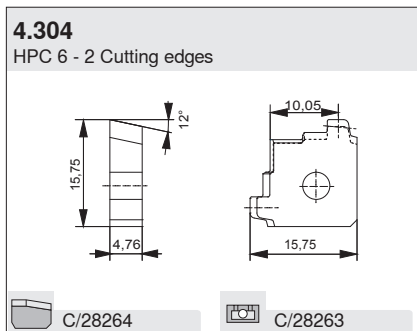


C/26350

C/26349



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
HPC 6 - 2 Cutting edges	4.304	●			15.75	15.75	10.05	4.76	12	1
HPC 8 - 2 Cutting edges	4.305		●		15.75	15.75	10.05	4.76	12	1
HPC 12 - 2 Cutting edges	4.306		●		15.75	15.75	10.05	4.76	12	1
MID OMEGA - 2 Cutting edges	4.310		●		19.5	19.5	5	6.35	12	2
HPC 6	4.363	●		●	15.75	15.75	13	4.76	12	1
HPC 8	4.364		●		15.75	15.75	13	4.76	12	1
HPC 12	4.365		●		15.75	15.75	13	4.76	12	1
HPC 6	4.383	●			15.75	15.75	6.75	4.76	12	2
HPC 8	4.384			●	15.75	15.75	6.75	4.76	12	2



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

4 TPI

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Threading-
inserts

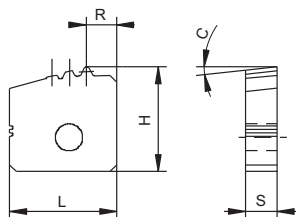
52-141

Shim seats

142-153

Chip
breakers

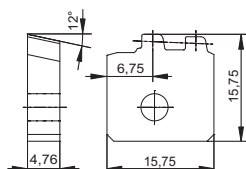
154-174



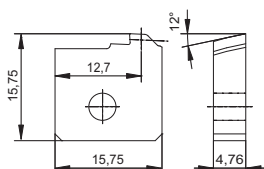
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
HPC 12	4.385			●	15.75	15.75	6.75	4.76	12	2
TSH MS28 4TPI Int.	4.388	●	●		15.75	15.75	12.7	4.76	12	1
INTERLOCK - (TO2444)	4.457		●		15.875	15.875	12.8	4.76	10	1
TSH ER + MS 4TPI Int.	4.466	●	●	●	15.75	15.75	12.225	4.76	8	1
HPC 6	4.474		●		19.05	24	10	6.35	15	2
E-S2F J2 BOX	4.498		●		12.7	15.4	9.8	4.76	12	1
AB-TC II 4TPI Int.	4.532	●	●		15.875	15.875	11.212	4.76	10	1
A.B. TC II - PULLING	4.533	●	●		15.875	15.875	10.812	4.76	10	2
A.B. BTB	4.570	●			15.875	15.875	1.674	4.76	12	2

4.385

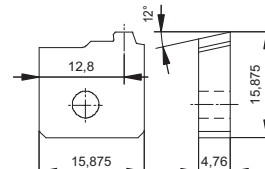
HPC 12

**4.388**

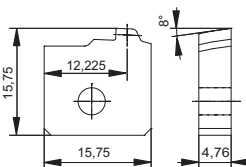
TSH MS28 4TPI Int.

**4.457**

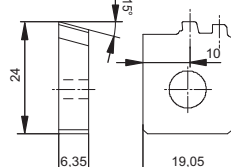
INTERLOCK - (TO2444)

**4.466**

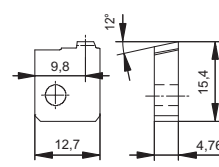
TSH ER + MS 4TPI Int.

**4.474**

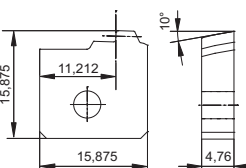
HPC 6

**4.498**

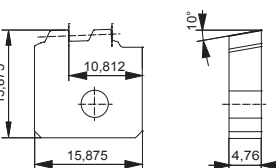
E-S2F J2 BOX

**4.532**

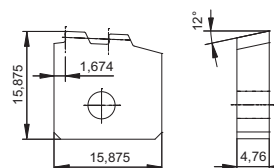
AB-TC II 4TPI Int.

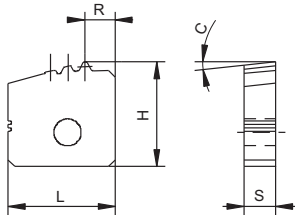
**4.533**

A.B. TC II - PULLING

**4.570**

A.B. BTB

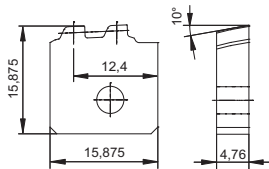




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS 4TPI Int. Pulling	4.573	●	●		15.875	15.875	12.4	4.76	10	2
TSH MS28 4TPI Int. Pulling	4.577	●	●		15.875	15.875	12.82	4.76	12	2
AB-NJO 4TPI 3/4"TPF Int. - Set (2)	4.603-1		●		15.875	15.875	11.53	4.76	12	1
AB-NJO 4TPI 3/4"TPF (0.067RH) Int. - Set (2)	4.603-2		●		15.875	15.875	11.3	4.76	12	1
VAM ACE CASING	4.632		●		15.875	15.875	11.3	4.76	12	1
VAM HWST CASING	4.634		●		15.875	16.5	11.3	4.76	12	1
VAM TOP CASING	4.673		●		19	19	5.119	6.35	10	2
VAM TOP CASING Finishing	4.731	●	●		15.875	15.875	11.92	4.76	10	1
TSH MS XT/XC 4TPI Int.	4.740	●	●		15.875	15.875	12.2	4.76	8	1

4.573

TSH MS 4TPI Int. Pulling

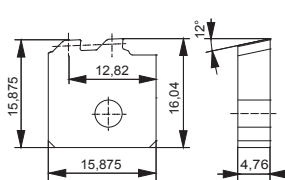


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C/29624

4.577

TSH MS28 4TPI Int. Pulling

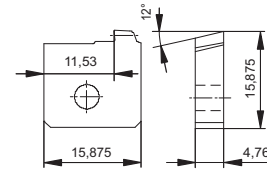


C/99313

C/29624

4.603-1

AB-NJO 4TPI 3/4"TPF Int. - Set (2)

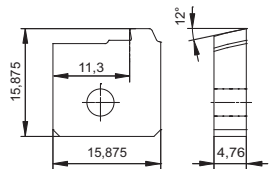


C/26350

C/26349

4.603-2

AB-NJO 4TPI 3/4"TPF (0.067RH) Int. - Set (2)

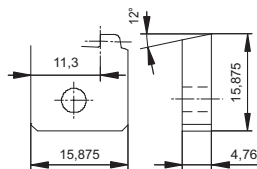


C/26350

C/26349

4.632

VAM ACE CASING

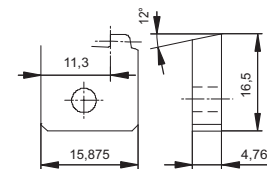


C/26350

C/29813

4.634

VAM HWST CASING

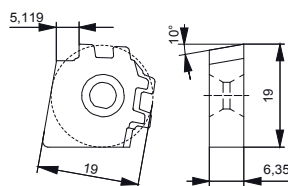


C/26350

C/29813

4.673

VAM TOP CASING

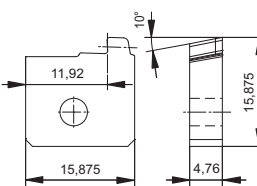


C/26350

C/26349

4.731

VAM TOP CASING Finishing

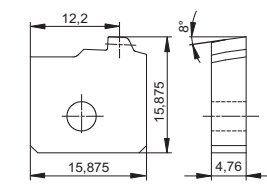


C/26350

C/26349

4.740

TSH MS XT/XC 4TPI Int.



C/26350

C/26349

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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Internal threading inserts

4 TPI

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Threading-
inserts

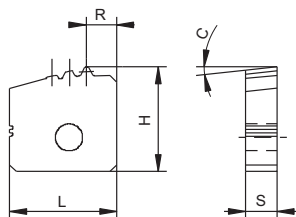
52-141

Shim seats

142-153

Chip
breakers

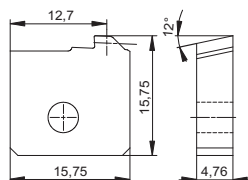
154-174



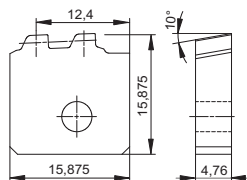
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS28 XT/XC 4TPI Int.	4.760	●	●		15.75	15.75	12.7	4.76	12	1
TSH MS XT/XC 4TPI Int. Pulling	4.771	●	●		15.875	15.875	12.4	4.76	10	2
VAM TOP CASING Roughing	4.774	●			15.875	15.875	5.49	4.76	10	2
AB-ANJO 4TPI 3/4"TPF (0.067RH) Int.	4.778		●		15.875	15.875	11.74	4.76	12	1
A.B. TC II	4.802		●		15.875	15.875	5.49	4.76	10	1.5
TSH Blue + Blue SAGD 4TPI Int.	4.811		●		15.875	15.875	12.2	4.76	8	1
TSH Blue + Blue SAGD 4TPI Int. Pulling	4.812		●		15.875	15.875	12.4	4.76	10	2
TSH RS 4TPI Int.	4.820		●		15.875	15.875	13.2	4.76	8	1.5
VAM TOP 4TPI BOX	4.848	●			15.875	15.875	7.6	4.76	10	2

4.760

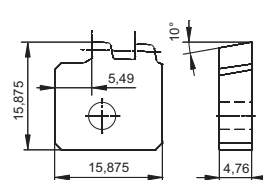
TSH MS28 XT/XC 4TPI Int.

**4.771**

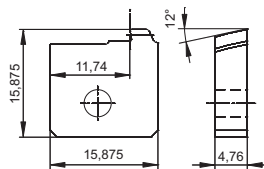
TSH MS XT/XC 4TPI Int. Pulling

**4.774**

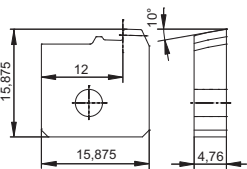
VAM TOP CASING Roughing

**4.778**

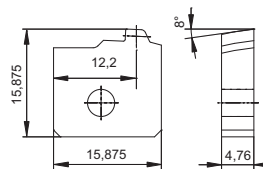
AB-ANJO 4TPI 3/4"TPF (0.067RH) Int.

**4.802**

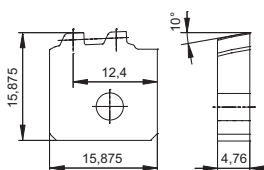
A.B. TC II

**4.811**

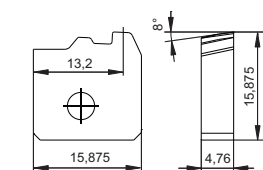
TSH Blue + Blue SAGD 4TPI Int.

**4.812**

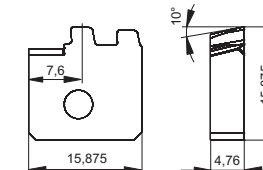
TSH Blue + Blue SAGD 4TPI Int. Pulling

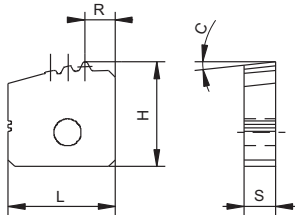
**4.820**

TSH RS 4TPI Int.

**4.848**

VAM TOP 4TPI BOX

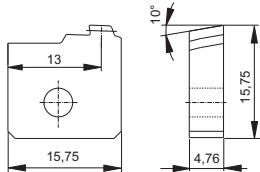




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH Blue NF - 6,25% - 4TPI Int.	4.857	●	●		15.75	15.75	13	4.76	10	1
TSH Blue NF - 8,50% - 4TPI Int.	4.859	●	●		15.75	15.75	13	4.76	10	1
HDL 4TPI BOX	4.862	●			15.875	15.875	11	4.76	6	1
FJ WP 4TPI BOX	4.873		●		15.875	15.875	12.8	4.76	10	1
VAM TOP 4TPI BOX	4.884	●			12.7	12.7	4	4.76	10	2
VAM TOP 4TPI BOX	4.891		●		12.7	12.5	4.478	4.76	9	2
TSH Blue NF - 5% - 4TPI Int.	4.896		●		15.75	15.75	13	4.76	10	1
TSH ER + MS 4TPI Int.	4.979		●		15.75	15.75	13.5	4.76	8	1.5
TSH Blue + Blue SAGD 4TPI Int.	4.981		●		15.875	15.875	13.7	4.76	8	1.5

4.857

TSH Blue NF - 6,25% - 4TPI Int.

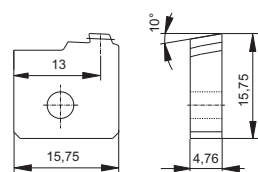


C/26350

C/26349

4.859

TSH Blue NF - 8,50% - 4TPI Int.

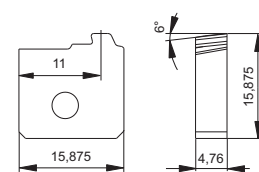


C/26350

C/26349

4.862

HDL 4TPI BOX

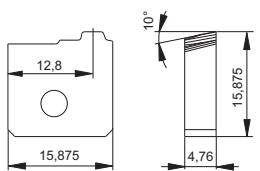


C/26350

C/26349

4.873

FJ WP 4TPI BOX

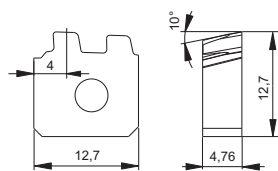


C/26350

C/26349

4.884

VAM TOP 4TPI BOX

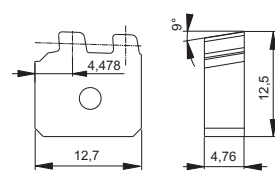


C/33842

C/87785

4.891

VAM TOP 4TPI BOX

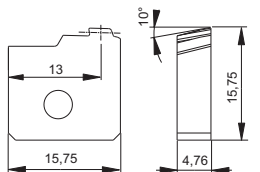


C/33842

C/87785

4.896

TSH Blue NF - 5% - 4TPI Int.

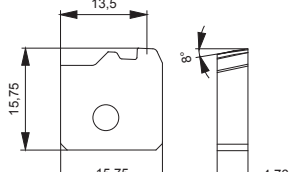


C/26350

C/26349

4.979

TSH ER + MS 4TPI Int.

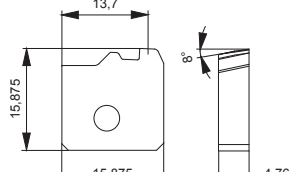


C/26350

C/26349

4.981

TSH Blue + Blue SAGD 4TPI Int.



C/26350

C/26349

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

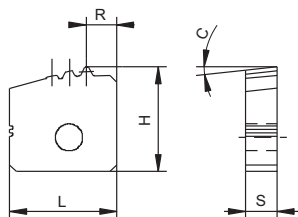
52-141

Shim seats

142-153

Chip
breakers

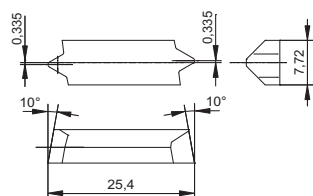
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
V0.040 PIN 5TPI - 3"TPF	2.426			●	7.72	25.4	0.335	5.8	10	1
PREMIUM JOINT V	2.441	●		●	7.72	25.4	1.235	5.8	10	1
A.P.I. BUTTRESS 1/16	2.478			●	7.72	25.4	1.235	5.8	10	1
A.P.I. BUTTRESS 1/12	2.717		●		7.72	25.4	1.235	5.8	10	1
27ER 5API403	3.1007		●		15.875	3.211	3.64	6.35	0	1.5
A.P.I. BUTTRESS 1/16 - Roughing	4.146	●	●		15.75	15.84	4.4	4.76	6	3
BUTTRESS FINISHING 5TPI PIN	4.147	●			15.75	15.871	4.4	4.76	10	3
A.P.I. BUTTRESS 1/16 - Finishing	4.147-CE		●		15.75	15.875	2.3	4.76	10	3
A.P.I. BUTTRESS 1/12	4.180	●			15.875	15.84	4.4	4.76	6	3

2.426

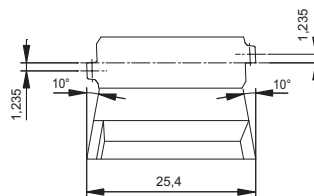
V0.040 PIN 5TPI - 3"TPF



C/36284

2.441

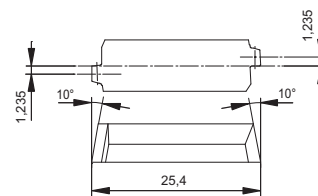
PREMIUM JOINT V



C/36284

2.478

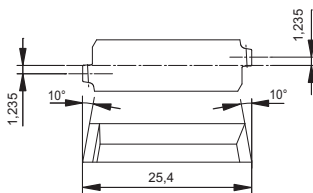
A.P.I. BUTTRESS 1/16



C/36284

2.717

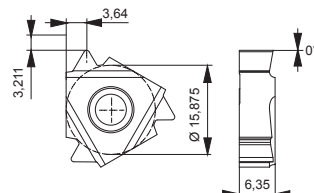
A.P.I. BUTTRESS 1/12



C/36284

3.1007

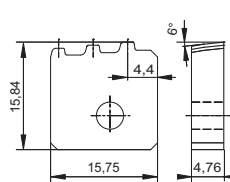
27ER 5API403



C/36284

4.146

A.P.I. BUTTRESS 1/16 - Roughing



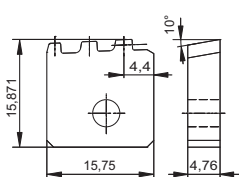
C/27525/1



C/27526

4.147

BUTTRESS FINISHING 5TPI PIN



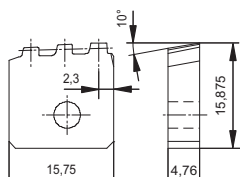
C/27525/1



C/27526

4.147-CE

A.P.I. BUTTRESS 1/16 - Finishing



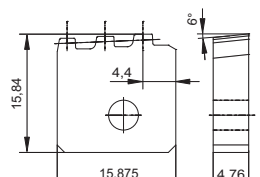
C/27525/1



C/27526

4.180

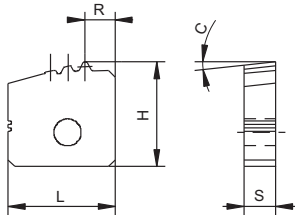
A.P.I. BUTTRESS 1/12



C/27525/1

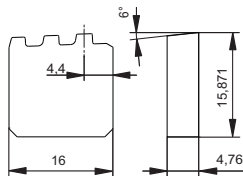


C/27526



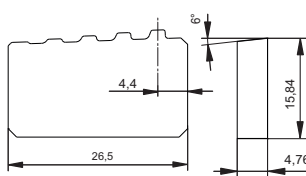
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16 - Finishing	4.184		●		16	15.871	4.4	4.76	6	3
A.P.I. BUTTRESS 1/16 - Roughing	4.185		●		26.5	15.84	4.4	4.76	6	5
A.P.I. BUTTRESS 1/16 - Finishing	4.188		●		15.875	15.875	3.175	4.76	6	3
A.P.I. BUTTRESS 1/16 - Roughing	4.189		●		15.875	15.875	3.175	4.76	6	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.196		●		22.3	14.6	10.11	5.2	8	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.197		●		22.3	14.8	8.41	5.2	8	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.198		●		22.3	15.02	6.72	5.2	6	4
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.201	●	●	●	17	14.56	5.56	5.2	8	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.202	●	●	●	17	14.8	3.84	5.2	8	3

4.184
A.P.I. BUTTRESS 1/16 - Finishing



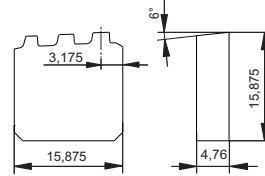
C/27525/1 C/27526

4.185
A.P.I. BUTTRESS 1/16 - Roughing



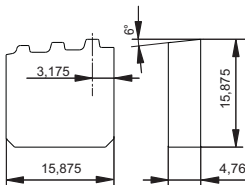
C/22543 C/22542

4.188
A.P.I. BUTTRESS 1/16 - Finishing



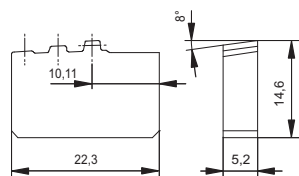
C/27525/1 C/27526

4.189
A.P.I. BUTTRESS 1/16 - Roughing



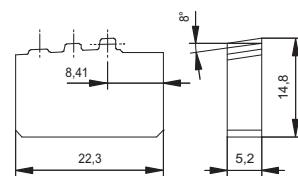
C/27525/1 C/27526

4.196
A.P.I. BUTTRESS 1/16 - Set for rotating tools



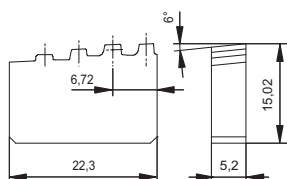
C/89335 C/89334

4.197
A.P.I. BUTTRESS 1/16 - Set for rotating tools



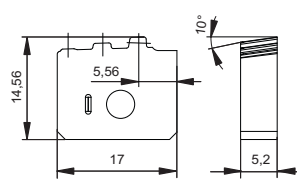
C/89335 C/89334

4.198
A.P.I. BUTTRESS 1/16 - Set for rotating tools



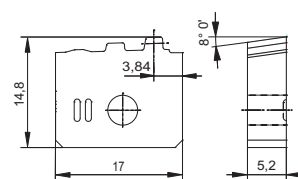
C/89335 C/89334

4.201
A.P.I. BUTTRESS 1/16 - Set for rotating tools



C/26355 C/26356

4.202
A.P.I. BUTTRESS 1/16 - Set for rotating tools



C/26355 C/26356

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

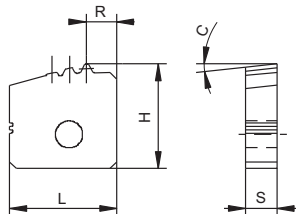
52-141

Shim seats

142-153

Chip
breakers

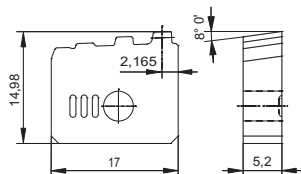
154-174



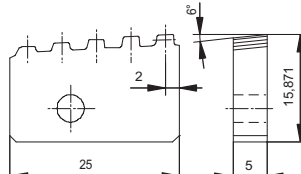
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.203	●	●	●	17	14.98	2.165	5.2	8	3
A.P.I. BUTTRESS 1/16	4.207		●		25	15.871	2	5	6	5
A.P.I. BUTTRESS 1/16	4.216		●		15.75	15.75	3.175	4.76	6	3
A.P.I. BUTTRESS 1/16	4.221		●		25.4	15.784	2.5	5	10	5
GOST OTTM - OTTG	4.242	●	●	●	15.75	15.75	3	4.76	6	3
A.P.I. BUTTRESS 1/16	4.244		●		15.75	15.75	3.175	4.76	6	3
PREMIUM JOINT VAGT CASING	4.246		●		25	15.75	2	5	8	4
GOST OTTM - OTTG - Set for rotating tools	4.250/3		●		17	15	2.165	5.2	8	3
BDS 8 - 2 Cutting edges	4.254		●		19.5	19.5	7	6.35	6	2

4.203

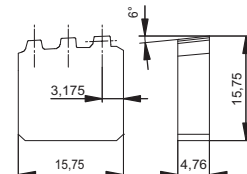
A.P.I. BUTTRESS 1/16 - Set for rotating tools

**4.207**

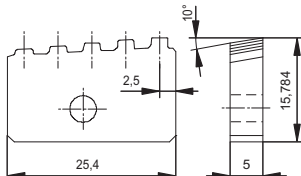
A.P.I. BUTTRESS 1/16

**4.216**

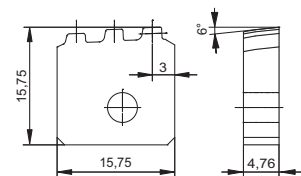
A.P.I. BUTTRESS 1/16

**4.221**

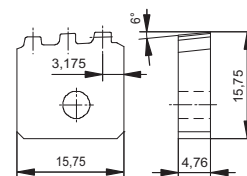
A.P.I. BUTTRESS 1/16

**4.242**

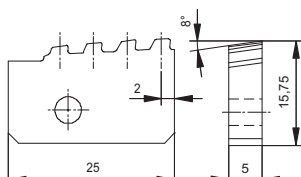
GOST OTTM - OTTG

**4.244**

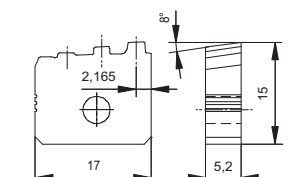
A.P.I. BUTTRESS 1/16

**4.246**

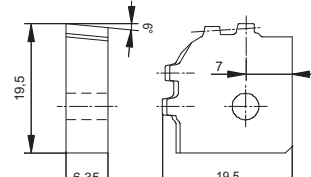
PREMIUM JOINT VAGT CASING

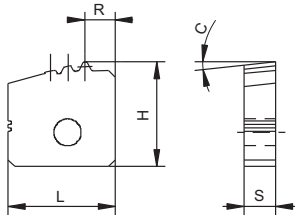
**4.250/3**

GOST OTTM - OTTG - Set for rotating tools

**4.254**

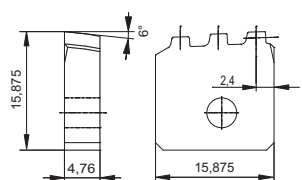
BDS 8 - 2 Cutting edges





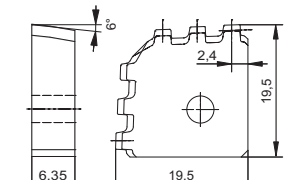
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.274	●	●		15.875	15.875	2.4	4.76	6	3
A.P.I. BUTTRESS 1/16 - 2 Cutting edges	4.284	●			19.5	19.5	2.4	6.35	6	3
A.P.I. BUTTRESS 1/16 - 2 Cutting edges	4.294	●		●	19.5	19.5	2.4	6.35	6	3
BDS 16 - 2 Cutting edges	4.296	●			19.5	19.5	2.4	6.35	6	3
MUST 12 - 2 Cutting edges	4.315			●	19.5	19.5	7	6.35	8	2
A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	4.328-1	●	●	●	20	15.692	4.84	4.76	6	3
A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling	4.328-2	●	●	●	20	15.875	2.3	4.76	6	4
A.P.I. BUTTRESS 1/16 - Roughing	4.344	●			20	15.875	2.3	4.76	6	4
A.P.I. BUTTRESS 1/16 - Roughing N°1	4.352/1		●		20	15.239	5.687	4.76	6	3

4.274
A.P.I. BUTTRESS 1/16



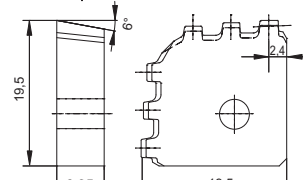
C/27525/1 C/27526

4.284
A.P.I. BUTTRESS 1/16 - 2 Cutting edges



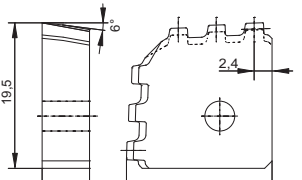
C/27856/1 C/27855

4.294
A.P.I. BUTTRESS 1/16 - 2 Cutting edges



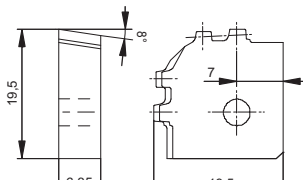
C/27856/1 C/27855

4.296
BDS 16 - 2 Cutting edges



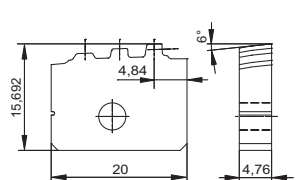
C/27856/1 C/27855

4.315
MUST 12 - 2 Cutting edges



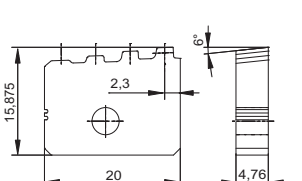
C/27856/1 C/27855

4.328-1
A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling



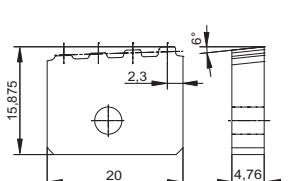
C/28682/1 C/28681

4.328-2
A.P.I. BUTTRESS 1/16 - Set for CERATIZIT Tooling



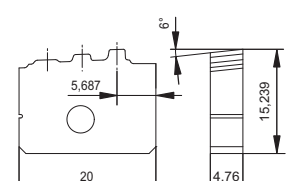
C/28682/1 C/28681

4.344
A.P.I. BUTTRESS 1/16 - Roughing



C/28682/1 C/28681

4.352/1
A.P.I. BUTTRESS 1/16 - Roughing N°1



C/30855 C/28681

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

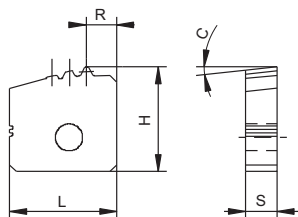
52-141

Shim seats

142-153

Chip
breakers

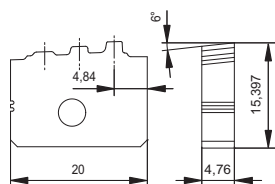
154-174



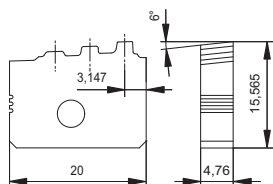
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16 - Roughing N°2	4.352/2		●		20	15.397	4.84	4.76	6	3
A.P.I. BUTTRESS 1/16 - Roughing N°3	4.352/3		●		20	15.565	3.147	4.76	6	3
A.P.I. BUTTRESS 1/16 - Finishing N°4	4.352/4		●		20	15.675	2.3	4.76	6	3
MUST 8 - 2 Cutting edges	4.354		●		19.5	19.5	7	6.35	6	2
A.P.I. BUTTRESS 1/16	4.371	●			25	15.871	2.5	5	6	5
A.P.I. BUTTRESS 1/16	4.371-CE	●	●	●	25	15.871	2.5	5	6	5
TSH MS28 5TPI Ext.	4.372	●	●	●	15.75	15.75	13.25	4.76	12	1
TSH MS 5TPI Ext.	4.391	●	●		15.75	15.75	8.4	4.76	10	2
A.P.I. BUTTRESS 1/16 (4.201+4.202+4.400)	4.400		●		17	14.98	2.165	5.2	8	3

4.352/2

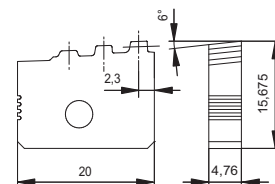
A.P.I. BUTTRESS 1/16 - Roughing N°2

**4.352/3**

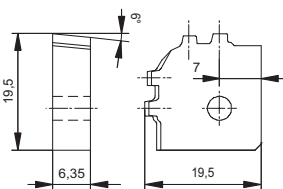
A.P.I. BUTTRESS 1/16 - Roughing N°3

**4.352/4**

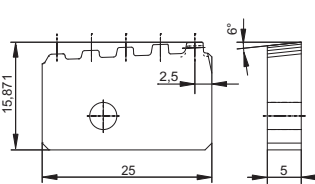
A.P.I. BUTTRESS 1/16 - Finishing N°4

**4.354**

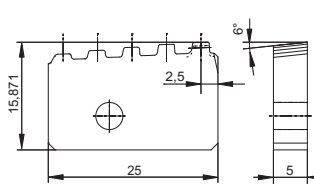
MUST 8 - 2 Cutting edges

**4.371**

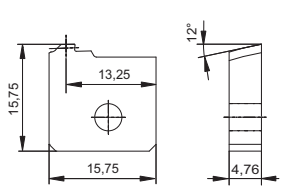
A.P.I. BUTTRESS 1/16

**4.371-CE**

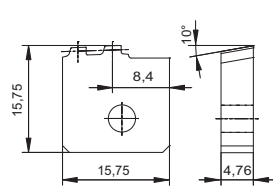
A.P.I. BUTTRESS 1/16

**4.372**

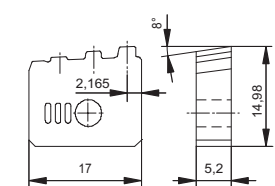
TSH MS28 5TPI Ext.

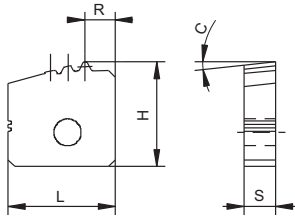
**4.391**

TSH MS 5TPI Ext.

**4.400**

A.P.I. BUTTRESS 1/16 (4.201+4.202+4.400)

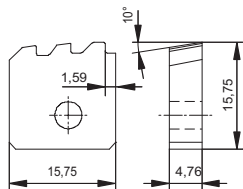




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH 3SB 5 TPI Ext. (Roughing)	4.407		●		15.75	15.75	1.59	4.76	10	3
TSH 3SB 5TPI Ext.	4.408	●			15.75	15.75	1.5	4.76	10	3
TSH 3SB 5TPI Ext. Shaving	4.409	●			12.7	12.7	10.9	5	7	1
GOST OTTM - OTTG - Set for rotating tools	4.416/1	●			17	14.6	5.512	5.2	10	3
GOST OTTM - OTTG - Set for rotating tools	4.416/2	●			17	14.86	3.818	5.2	10	3
GOST OTTM - OTTG - Set for rotating tools	4.416/3	●			17	15.02	2.125	5.2	10	3
GOST OTTG - TBO Protector	4.422		●		15.875	15.875	2.6	4.76	6	3
AB-HDL 5TPI 1.50"TPF (0.050RH) Ext.	4.430		●		15.75	15.75	13.3	4.76	12	1
A.P.I. BUTTRESS 1/16 - Roughing	4.432	●			20	15.29	2.3	4.76	6	4

4.407

TSH 3SB 5 TPI Ext. (Roughing)



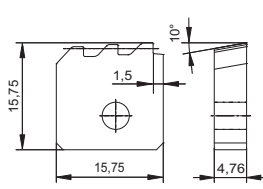
C/22535



C/29929

4.408

TSH 3SB 5TPI Ext.



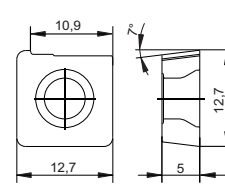
C/22535



C/29929

4.409

TSH 3SB 5TPI Ext. Shaving



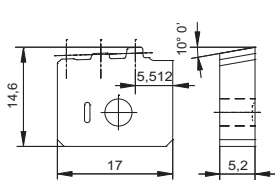
C/22535



C/29929

4.416/1

GOST OTTM - OTTG - Set for rotating tools



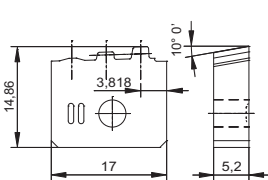
C/26355



C/26356

4.416/2

GOST OTTM - OTTG - Set for rotating tools



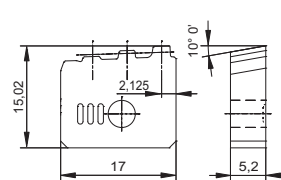
C/26355



C/26356

4.416/3

GOST OTTM - OTTG - Set for rotating tools



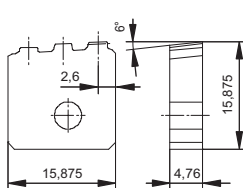
C/26355



C/26356

4.422

GOST OTTG - TBO Protector



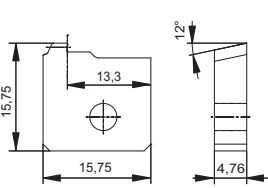
C/27525/1



C/27526

4.430

AB-HDL 5TPI 1.50"TPF (0.050RH) Ext.



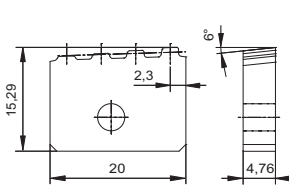
C/27525/1



C/27526

4.432

A.P.I. BUTTRESS 1/16 - Roughing



C/30855



C/28681

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

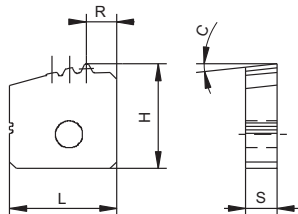
52-141

Shim seats

142-153

Chip
breakers

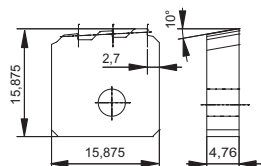
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
INTERLOCK - (TO0272)	4.452	●			15.875	15.875	2.7	4.76	10	3
INTERLOCK - (TO0274)	4.454		●		15.875	15.875	3	4.76	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.476/1		●		30	15.485	5.587	5.2	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.476/2		●		30	15.739	3.893	5.2	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.476/3		●		30	15.875	2.2	5.2	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.477/1		●		17	14.572	5.552	5.2	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.477/2		●		17	14.822	3.858	5.2	10	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.477/3		●		17	14.98	2.165	5.2	10	3
A.B. TC II	4.483	●			25	15.875	1.23	5	10	5

4.452

INTERLOCK - (TO0272)



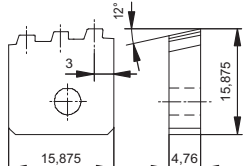
C/27525/1



C/27526

4.454

INTERLOCK - (TO0274)



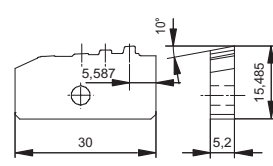
C/27525/1



C/27526

4.476/1

A.P.I. BUTTRESS 1/16 - Set for rotating tools



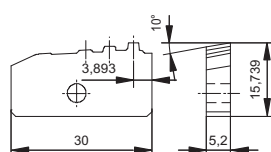
C/21335



C/21334

4.476/2

A.P.I. BUTTRESS 1/16 - Set for rotating tools



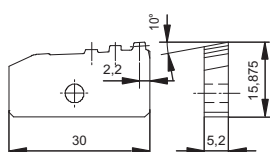
C/21335



C/21334

4.476/3

A.P.I. BUTTRESS 1/16 - Set for rotating tools



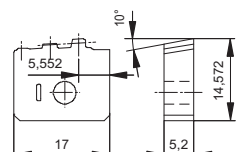
C/21335



C/21334

4.477/1

A.P.I. BUTTRESS 1/16 - Set for rotating tools



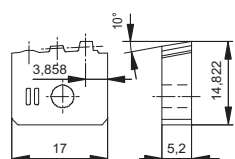
C/26355



C/26356

4.477/2

A.P.I. BUTTRESS 1/16 - Set for rotating tools



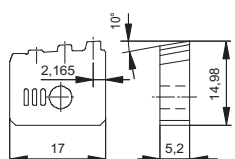
C/26355



C/26356

4.477/3

A.P.I. BUTTRESS 1/16 - Set for rotating tools



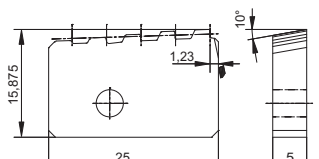
C/26355



C/26356

4.483

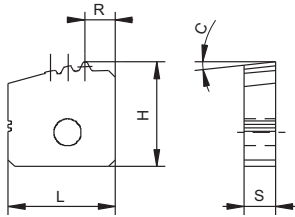
A.B. TC II



C/26717/1

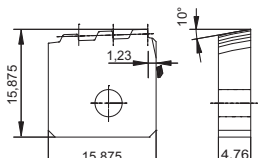


C/27522



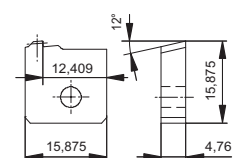
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.B. TC II	4.484	●	●	●	15.875	15.875	1.23	4.76	10	3
A.B. 1-1/8" TPF	4.490-1		●		15.875	15.875	12.409	4.76	12	1
A.B. 1-1/8" TPF	4.490-2		●		15.875	15.875	12.3	4.76	12	1
A-DMS	4.516	●	●		15.75	15.75	13.15	4.76	12	1
PREMIUM JOINT VAF TUBING	4.530	●	●		15.75	15.35	12.8	4.76	12	1
A.B. TC II - Set for CERATIZIT Tooling	4.554-1	●			20	15.386	3.67	4.76	10	3
A.B. TC II - Set for CERATIZIT Tooling	4.554-2	●			20	15.567	1.03	4.76	10	4
AB-STL 5TPI 1.1/8"TPF Ext.	4.560	●	●	●	15.875	15.875	12.304	4.76	12	1.5
AB-STL 5TPI 3/4"TPF Ext.	4.562	●	●		15.875	15.875	12.304	4.76	12	1.5

4.484
A.B. TC II



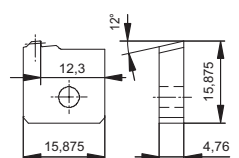
C/27525/1 C/27526

4.490-1
A.B. 1-1/8" TPF



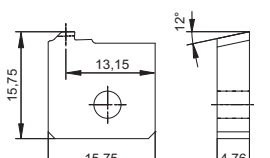
C/27525/1 C/27526

4.490-2
A.B. 1-1/8" TPF



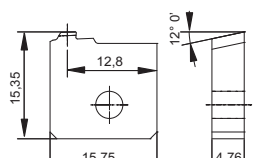
C/27525/1 C/27526

4.516
A-DMS



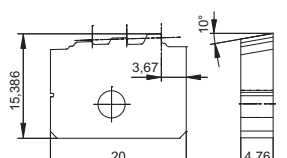
C/27525/1 C/27526

4.530
PREMIUM JOINT VAF TUBING



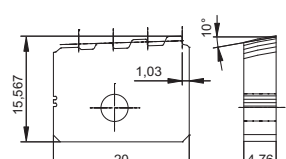
C/87391 C/29624

4.554-1
A.B. TC II - Set for CERATIZIT Tooling



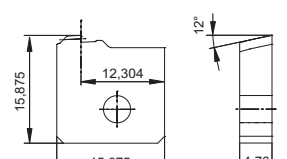
C/30855 C/28681

4.554-2
A.B. TC II - Set for CERATIZIT Tooling



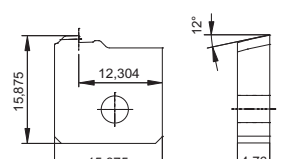
C/30855 C/28681

4.560
AB-STL 5TPI 1.1/8"TPF Ext.



C/87391 C/29624

4.562
AB-STL 5TPI 3/4"TPF Ext.



C/87391 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

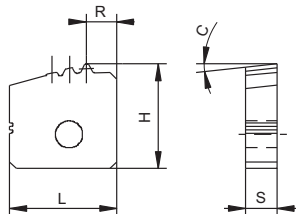
52-141

Shim seats

142-153

Chip
breakers

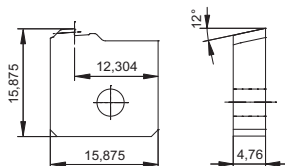
154-174



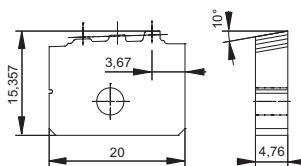
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.B. ST-L 1.6" TPF	4.564	●			15.875	15.875	12.304	4.76	12	1.5
TSH MS 5TPI Ext. - Set (2)	4.584-1	●	●		20	15.357	3.67	4.76	10	3
TSH MS 5TPI Ext. - Set (2)	4.584-2	●			20	15.539	1.03	4.76	10	3
TSH MS28 5TPI Ext. - Set (2)	4.587-1	●			20	15.729	3.63	4.76	10	3
TSH MS28 5TPI Ext. - Set (2)	4.587-2	●			20	15.875	1	4.76	10	4
AB-NJO/ANJO 5TPI 3/4"TPF Ext.	4.607-1		●		15.875	15.875	12.1	4.76	12	1
AB-NJO/ANJO 5TPI 3/4"TPF (0.056RH) Ext.	4.607-2		●	●	15.875	15.875	11.93	4.76	12	1
VAM FJL-HW CASING	4.627		●		15.875	15.875	0.8	4.76	12	1
VAM ACE CASING	4.629		●		15.875	15.875	0.8	4.76	12	1

4.564

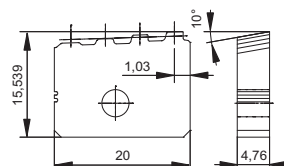
A.B. ST-L 1.6" TPF

**4.584-1**

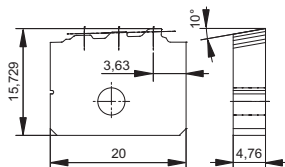
TSH MS 5TPI Ext. - Set (2)

**4.584-2**

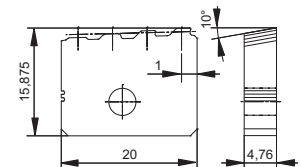
TSH MS 5TPI Ext. - Set (2)

**4.587-1**

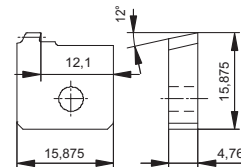
TSH MS28 5TPI Ext. - Set (2)

**4.587-2**

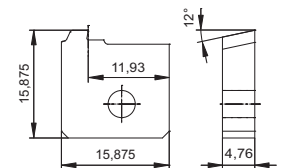
TSH MS28 5TPI Ext. - Set (2)

**4.607-1**

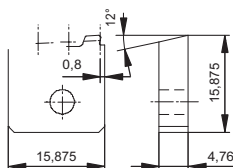
AB-NJO/ANJO 5TPI 3/4"TPF Ext.

**4.607-2**

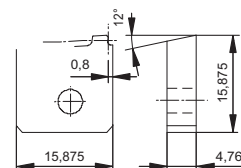
AB-NJO/ANJO 5TPI 3/4"TPF (0.056RH) Ext.

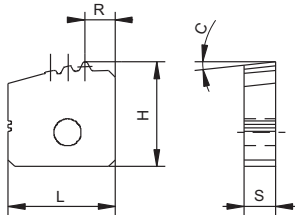
**4.627**

VAM FJL-HW CASING

**4.629**

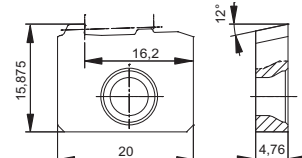
VAM ACE CASING





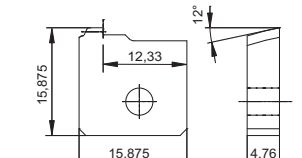
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAM SLIJ	4.639	●			20	15.875	16.2	4.76	12	2
AB-HDL 5TPI 3/4"TPF (0.040RH) Ext.	4.658	●	●		15.875	15.875	12.33	4.76	12	1
AB-HDL 5TPI 1.00"TPF (0.050RH) Ext.	4.660	●	●		15.875	15.875	12.3	4.76	12	1
AB-HDL 5TPI 1.25"TPF (0.050RH) Ext.	4.662	●	●		15.875	15.875	12.3	4.76	12	1
AB-HDL 5TPI 1.75"TPF (0.050RH) Ext.	4.664	●	●		15.875	15.875	12.25	4.76	12	1
INTERLOCK - (MO2765)	4.669	●			15.875	15.875	2	4.76	12	3
TSH MS 5TPI Ext. - Set (3)	4.689/1	●			17	14.271	5.576	5.2	10	3
TSH MS 5TPI Ext. - Set (3)	4.689/2	●			17	14.495	3.882	5.2	10	3
TSH MS 5TPI Ext. - Set (3)	4.689/3	●			17	14.65	2.189	5.2	10	3

4.639
VAM SLIJ



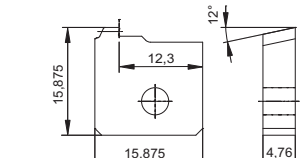
C/30855 C/82151

4.658
AB-HDL 5TPI 3/4"TPF (0.040RH) Ext.



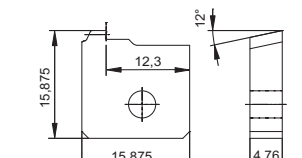
C/27525/1 C/27526

4.660
AB-HDL 5TPI 1.00"TPF (0.050RH) Ext.



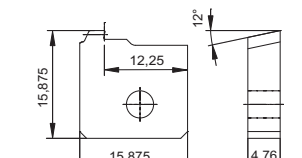
C/27525/1 C/27526

4.662
AB-HDL 5TPI 1.25"TPF (0.050RH) Ext.



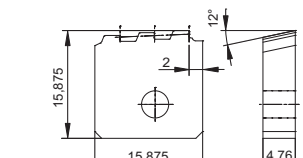
C/27525/1 C/27526

4.664
AB-HDL 5TPI 1.75"TPF (0.050RH) Ext.



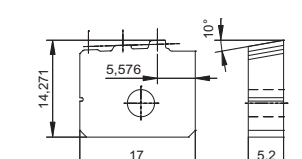
C/27525/1 C/27526

4.669
INTERLOCK - (MO2765)



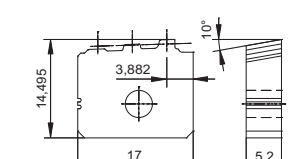
C/26430 C/26429

4.689/1
TSH MS 5TPI Ext. - Set (3)



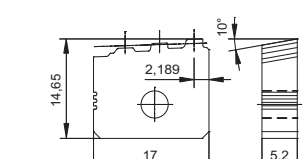
C/26355 C/26356

4.689/2
TSH MS 5TPI Ext. - Set (3)



C/26355 C/26356

4.689/3
TSH MS 5TPI Ext. - Set (3)



C/26355 C/26356

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

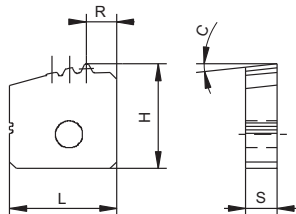
52-141

Shim seats

142-153

Chip
breakers

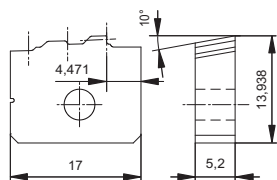
154-174



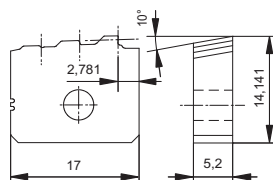
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS28 5TPI Ext. - Set (3)	4.690/1		●		17	13.938	4.471	5.2	10	2
TSH MS28 5TPI Ext. - Set (3)	4.690/2		●		17	14.141	2.781	5.2	10	3
TSH MS28 5TPI Ext. - Set (3)	4.690/3		●		17	14.265	1	5.2	10	3
A.B. TC II - Set for rotating tools	4.696/1	●			17	14.301	4.371	5.2	10	3
A.B. TC II - Set for rotating tools	4.696/2	●			17	14.524	2.693	5.2	10	3
A.B. TC II - Set for rotating tools	4.696/3	●			17	14.678	0.9	5.2	10	3
TSH 3SB 5TPI Ext.	4.711	●	●	●	25	15.875	0.6	5	6	5
INTERLOCK - (MO0929)	4.714	●			15.875	15.875	2	4.76	12	3
A.P.I. BUTTRESS 1/16 Roughing N°1	4.723-1	●			20	15.692	4.84	4.76	8	3

4.690/1

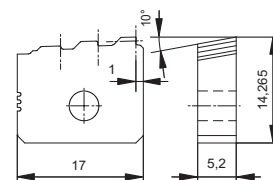
TSH MS28 5TPI Ext. - Set (3)

**4.690/2**

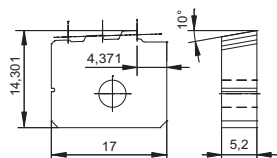
TSH MS28 5TPI Ext. - Set (3)

**4.690/3**

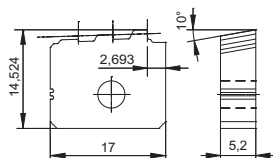
TSH MS28 5TPI Ext. - Set (3)

**4.696/1**

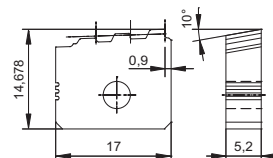
A.B. TC II - Set for rotating tools

**4.696/2**

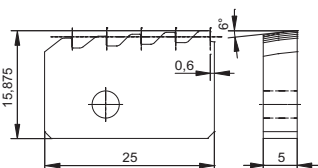
A.B. TC II - Set for rotating tools

**4.696/3**

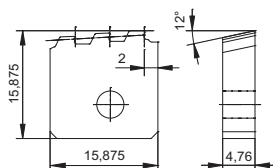
A.B. TC II - Set for rotating tools

**4.711**

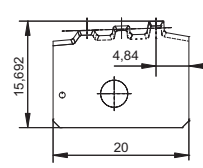
TSH 3SB 5TPI Ext.

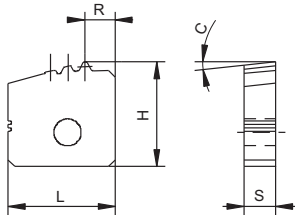
**4.714**

INTERLOCK - (MO0929)

**4.723-1**

A.P.I. BUTTRESS 1/16 Roughing N°1

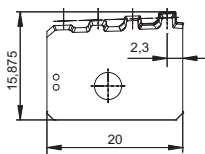




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16 Finishing N°2	4.723-2	●			20	15.875	2.3	4.76	8	4
TSH 3SB 5TPI Ext. - Set (3)	4.726/1		●		17	14.734	4.117	5.2	10	3
TSH 3SB 5TPI Ext. - Set (3)	4.726/2		●		17	14.946	2.363	5.2	10	3
TSH 3SB 5TPI Ext. - Set (3)	4.726/3		●		17	15.075	0.6	5.2	10	3
TSH 3SB 5TPI Ext. - Set (2)	4.732-1		●		20	15.779	3.21	4.76	10	3
TSH 3SB 5TPI Ext. - Set (2)	4.732-2		●		20	15.939	0.6	4.76	10	4
SUPREME LX 5.5TPI PIN	4.756		●		15.875	15.875	13.4	4.76	10	1
TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	4.761-1		●		20	15.616	4.74	4.76	10	3
TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)	4.761-2		●		20	15.875	2.2	4.76	10	4

4.723-2

A.P.I. BUTTRESS 1/16 Finishing N°2

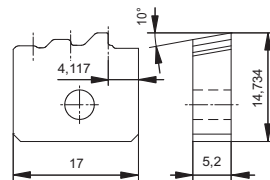


C/30855

C/28681

4.726/1

TSH 3SB 5TPI Ext. - Set (3)

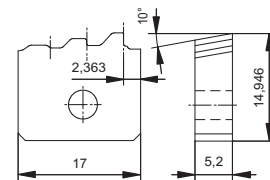


C/26355

C/26356

4.726/2

TSH 3SB 5TPI Ext. - Set (3)

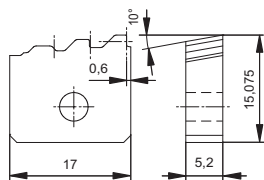


C/26355

C/26356

4.726/3

TSH 3SB 5TPI Ext. - Set (3)

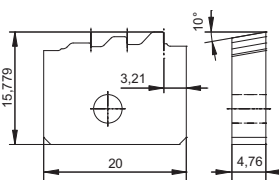


C/26355

C/26356

4.732-1

TSH 3SB 5TPI Ext. - Set (2)

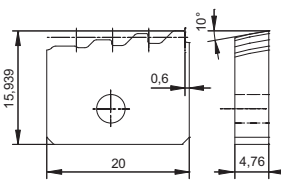


C/84063/2

C/28681

4.732-2

TSH 3SB 5TPI Ext. - Set (2)

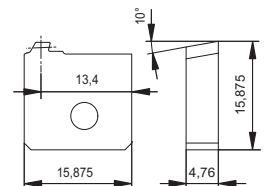


C/84063/2

C/28681

4.756

SUPREME LX 5.5TPI PIN

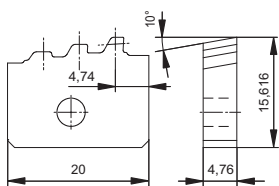


C/27525/1

C/27526

4.761-1

TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)

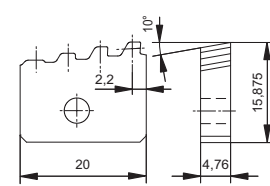


C/84063/2

C/28681

4.761-2

TSH HW + HWSL + NewHWSL 5TPI Ext. - Set (2)



C/84063/2

C/28681

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

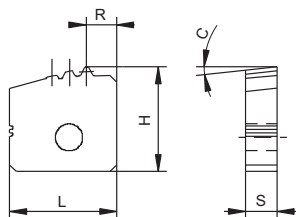
52-141

Shim seats

142-153

Chip
breakers

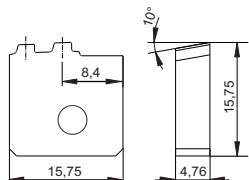
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS XT/XC + Blue SAGD 5TPI Ext.	4.764	●	●		15.75	15.75	8.4	4.76	10	2
TSH MS28 5TPI Ext.	4.773	●	●	●	15.875	15.875	2.95	4.76	12	3
TSH HW + HWSL + NewHWSL 5 TPI Ext.	4.790	●	●		25	15.875	2.2	5	12	5
A.P.I. BUTTRESS 1/16	4.792	●			18.923	18.923	5.362	6.35	0	3
TSH MS28 XT/XC 5TPI Ext.	4.793	●			15.75	15.75	13.25	4.76	12	1
OTTG - OTTM Roughing N°1	4.795-1		●		20	15.692	4.79	4.76	6	3
OTTG - OTTM Finishing N°2	4.795-2		●		20	15.909	2.25	4.76	6	3
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	4.796		●		25	15.875	2.5	5	10	5
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.801/1	●	●		16.8	14.41	5.51	5.2	8	3

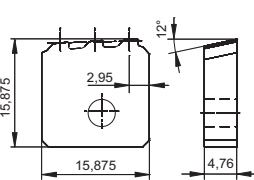
4.764

TSH MS XT/XC + Blue SAGD 5TPI Ext.



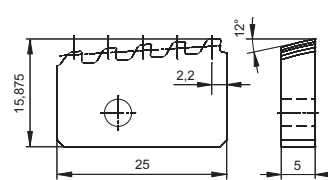
4.773

TSH MS28 5TPI Ext.



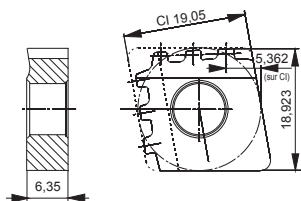
4.790

TSH HW + HWSL + NewHWSL 5 TPI Ext.



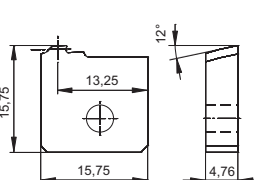
4.792

A.P.I. BUTTRESS 1/16



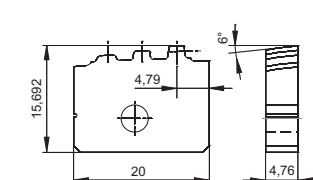
4.793

TSH MS28 XT/XC 5TPI Ext.



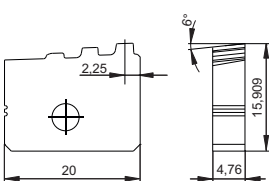
4.795-1

OTTG - OTTM Roughing N°1



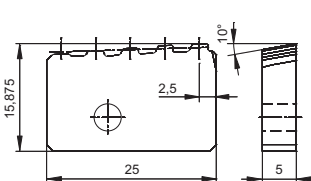
4.795-2

OTTG - OTTM Finishing N°2



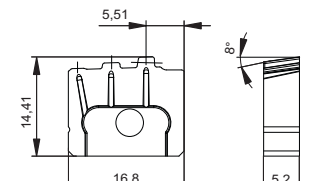
4.796

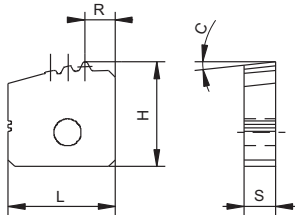
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.



4.801/1

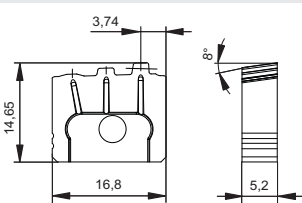
A.P.I. BUTTRESS 1/16 - Set for rotating tools





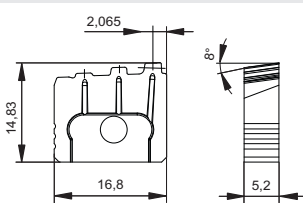
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.801/2	●	●		16.8	14.65	3.74	5.2	8	3
A.P.I. BUTTRESS 1/16 - Set for rotating tools	4.801/3	●	●		16.8	14.83	2.065	5.2	8	3
A.P.I. BUTTRESS 1/16	4.806-1	●			20	15.692	4.84	4.76	8	3
A.P.I. BUTTRESS 1/16	4.806-2	●			20	15.875	2.3	4.76	8	4
A.P.I. BUTTRESS 1/16	4.807	●			25	15.871	2.5	5	6	5
TSH MS28 5TPI Ext.	4.818	●			15.75	15.75	13.25	4.76	10	1
UPJ CASING 513/8 PIN	4.824	●			15.875	15.875	2.4	4.76	6	3
AMS F 5TPI Ext.	4.831	●	●		15.875	15.875	13.25	4.76	12	1
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.	4.841		●		15.875	15.875	11.75	4.76	10	1

4.801/2
A.P.I. BUTTRESS 1/16 - Set for rotating tools



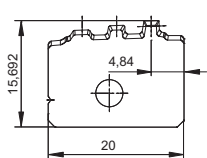
C/87267 C/26356

4.801/3
A.P.I. BUTTRESS 1/16 - Set for rotating tools



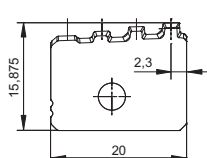
C/87267 C/26356

4.806-1
A.P.I. BUTTRESS 1/16



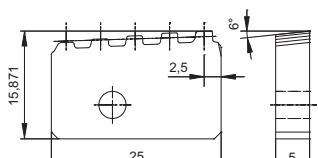
C/84063/2 C/28681

4.806-2
A.P.I. BUTTRESS 1/16



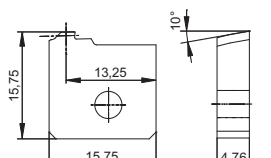
C/30855 C/28681

4.807
A.P.I. BUTTRESS 1/16



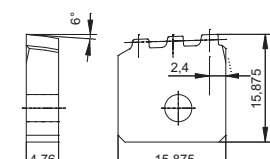
C/26717/1 C/27522

4.818
TSH MS28 5TPI Ext.



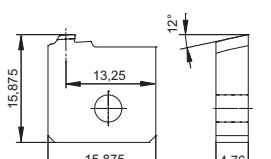
C/87391 C/29624

4.824
UPJ CASING 513/8 PIN



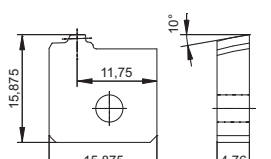
C/27525/1 C/27526

4.831
AMS F 5TPI Ext.



C/87391 C/29624

4.841
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.



C/87391 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

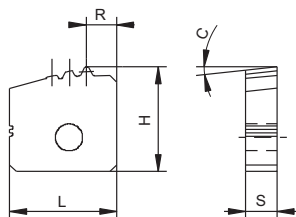
52-141

Shim seats

142-153

Chip
breakers

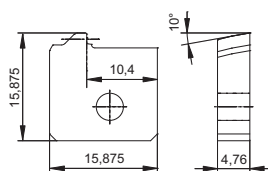
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH 3SB 5TPI Ext.	4.842		●		15.875	15.875	10.4	4.76	10	1
KS BEAR 5TPI PIN	4.843			●	15.875	15.875	3.25	4.76	12	3
TSH Blue 5TPI Ext.	4.846		●		15.875	15.875	13.6	4.76	10	1
TSH 3SB 5TPI Ext.	4.847		●		15.875	15.875	13.1	4.76	6	1.5
A.P.I. BUTTRESS 5TPI 1/12 Finishing	4.849	●			25	15.875	2.5	5	6	5
BUTRESS 5TPI PIN N°1	4.851/1		●		17	14.56	5.532	5.2	8	3
BUTRESS 5TPI PIN N°2	4.851/2		●		17	14.8	3.858	5.2	8	3
BUTRESS 5TPI PIN N°3	4.851/3		●		17	14.96	2.165	5.2	8	3
VAM TOP 5TPI PIN	4.854			●	25	15.875	2.5	5	6	5

4.842

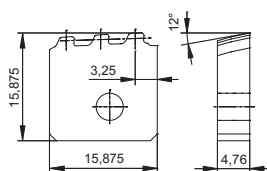
TSH 3SB 5TPI Ext.


 C/87391

 C/29624

4.843

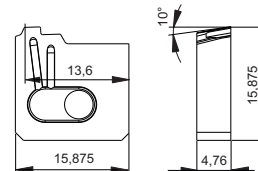
KS BEAR 5TPI PIN


 C/27525/1

 C/27526

4.846

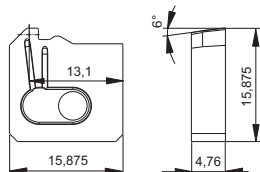
TSH Blue 5TPI Ext.


 C/28264

 C/29624

4.847

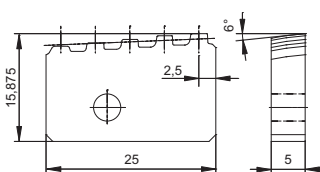
TSH 3SB 5TPI Ext.


 C/28264

 C/29624

4.849

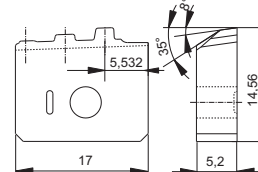
A.P.I. BUTTRESS 5TPI 1/12 Finishing


 C/26717/1

 C/27522

4.851/1

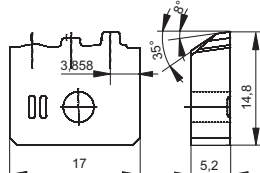
BUTRESS 5TPI PIN N°1


 C/26355

 C/26356

4.851/2

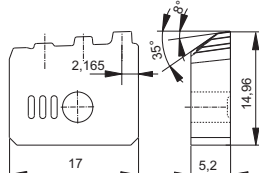
BUTRESS 5TPI PIN N°2


 C/26355

 C/26356

4.851/3

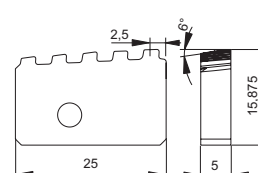
BUTRESS 5TPI PIN N°3


 C/26355

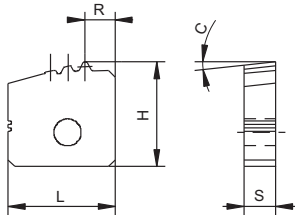
 C/26356

4.854

VAM TOP 5TPI PIN


 C/26717/1

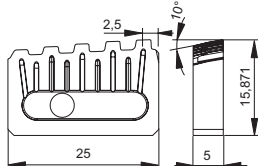
 C/27522



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BUTTRESS 5 TPI PIN	4.855			●	25	15.871	2.5	5	10	5
A.P.I. BUTTRESS 5TPI 1/16 PIN	4.860		●		25	15.86	2.5	5	10	5
BUTTRESS 5TPI PIN	4.865		●		15.875	15.75	13.537	4.76	10	1
VAM TOP 5TPI PIN	4.879		●		12.7	12.7	5.7	4.76	10	2
BUTTRESS 5TPI PIN	4.882		●		12.7	12.7	5.28	4.76	10	2
BUTTRESS 5 TPI PIN Roughing	4.883		●		20	15.875	2.5	4.76	10	4
TSH Blue NF - 5% - 5TPI Ext.	4.893		●		15.75	15.75	13	4.76	10	1
TMK GF 5TPI PIN	4.912		●		15.875	15.875	3.1	4.76	10	3
BGC 1/16 5TPI PIN	4.926		●		25	15.875	2.5	5	10	5

4.855

BUTTRESS 5 TPI PIN

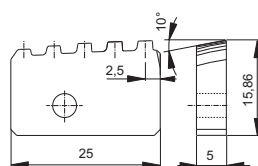


C/38336/1

C/27522

4.860

A.P.I. BUTTRESS 5TPI 1/16 PIN

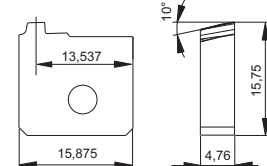


C/26717/1

C/27522

4.865

BUTTRESS 5TPI PIN

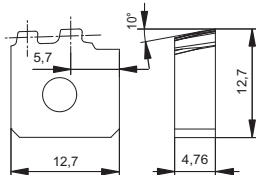


C/87391

C/29624

4.879

VAM TOP 5TPI PIN

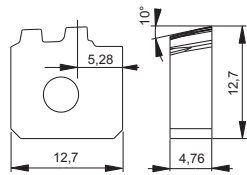


C/82314

C/87785

4.882

BUTTRESS 5TPI PIN

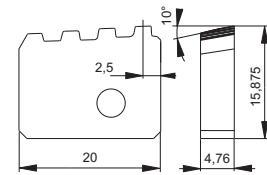


C/82314

C/82313

4.883

BUTTRESS 5 TPI PIN Roughing

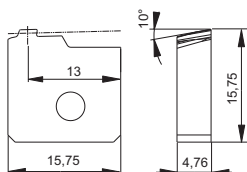


C/82314

C/82313

4.893

TSH Blue NF - 5% - 5TPI Ext.

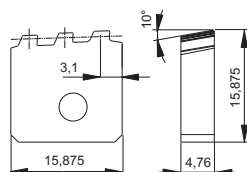


C/87391

C/29624

4.912

TMK GF 5TPI PIN

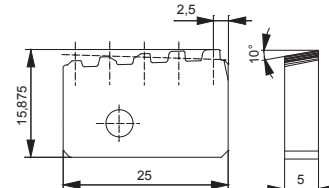


C/27525/1

C/27526

4.926

BGC 1/16 5TPI PIN



C/26717/1

C/27522

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

5 TPI

Index

11-50

Threading-
inserts

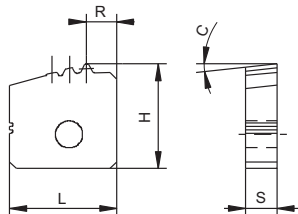
52-141

Shim seats

142-153

Chip
breakers

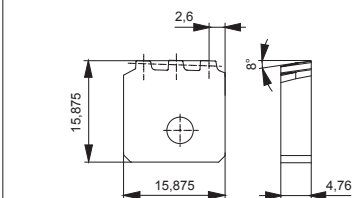
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BUTTRESS 1/16 5TPI PIN Pulling	4.938		●		15.875	15.875	2.6	4.76	8	3
BGC 1/16 5TPI PIN	4.940-2		●		20	15.875	2.3	4.76	6	4
TSH HW + HWSL + NewHWSL 5 TPI Ext.	4.942		●		15.875	15.875	12.8	4.76	12	1
VAM MUST 5TPI 1/10 PIN	4.945		●		15.875	15.875	13	4.76	12	1
VAM MUST 5TPI 1/16 PIN	4.947		●		15.875	15.875	13	4.76	12	1
BUTTRESS 5TPI PIN N°1	4.950/1		●		25	14.62	5.69	5	6	4
BUTTRESS 5TPI PIN N°2	4.950/2		●		25	14.83	3.99	5	6	4
BUTTRESS 5TPI PIN N°3	4.950/3		●		25	15	2.3	5	6	4
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	4.952/1		●		17	14.105	5.987	5.2	10	3

4.938

BUTTRESS 1/16 5TPI PIN Pulling

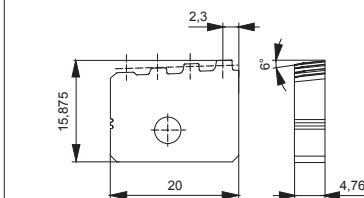


C/27525/1

C/27526

4.940-2

BGC 1/16 5TPI PIN

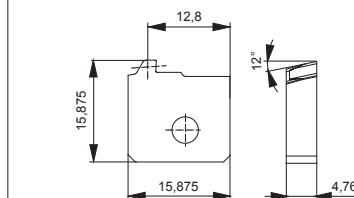


C/30855

C/28681

4.942

TSH HW + HWSL + NewHWSL 5 TPI Ext.

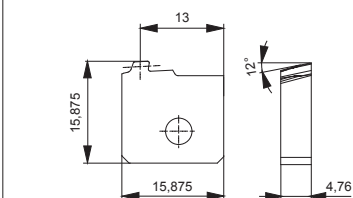


C/26430

C/29624

4.945

VAM MUST 5TPI 1/10 PIN

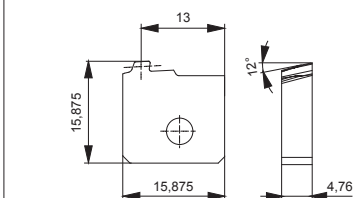


C/27525/1

C/27526

4.947

VAM MUST 5TPI 1/16 PIN

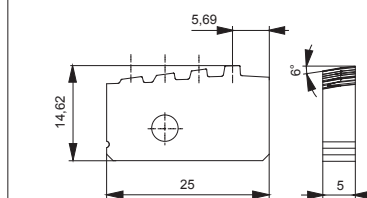


C/27525/1

C/27526

4.950/1

BUTTRESS 5TPI PIN N°1

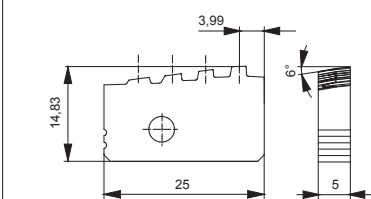


C/89316

C/89315

4.950/2

BUTTRESS 5TPI PIN N°2

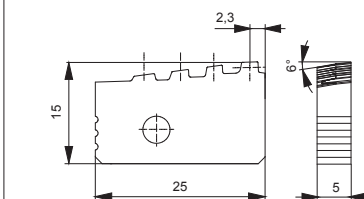


C/89316

C/89315

4.950/3

BUTTRESS 5TPI PIN N°3

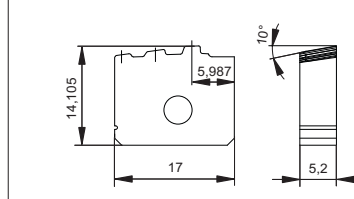


C/89316

C/89315

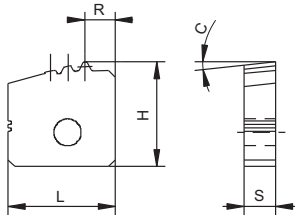
4.952/1

TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)



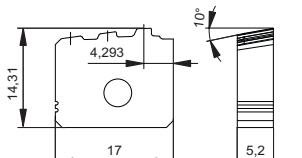
C/26355

C/26356



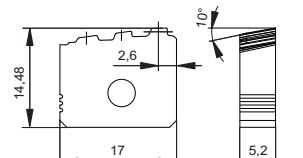
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	4.952/2		●		17	14.31	4.293	5.2	10	3
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)	4.952/3		●		17	14.48	2.6	5.2	10	3
JFE BEAR 5TPI PIN	4.985		●		15.875	15.875	3.25	4.76	8	3
TSH HW + HWSL + NewHWSL 5 TPI Ext.	4.988		●		15.875	15.875	8.5	4.76	12	2

4.952/2
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)



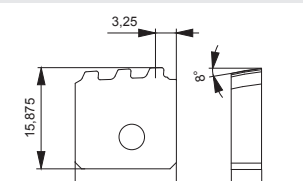
C/26355 C/26356

4.952/3
TSH Blue+PJD Csg+SAGD 2-3/8" 5TPI Ext.- Set (3)



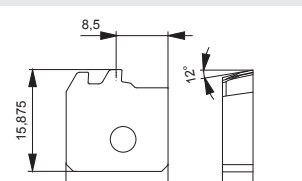
C/26355 C/26356

4.985
JFE BEAR 5TPI PIN



C/27525/1 C/27526

4.988
TSH HW + HWSL + NewHWSL 5 TPI Ext.



C/26717/1 C/27522

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

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Threading-
inserts

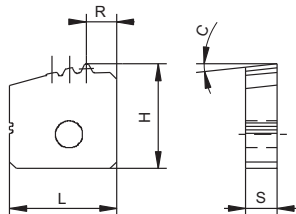
52-141

Shim seats

142-153

Chip
breakers

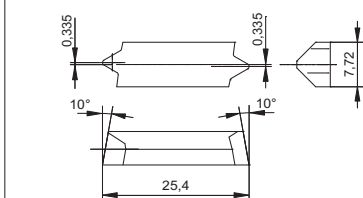
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
V0.040 BOX 5TPI - 3"TPF	2.427			●	7.72	25.4	0.335	5.8	10	1
PREMIUM JOINT V	2.442	●			7.72	25.4	1.435	5.8	10	1
A.P.I. BUTTRESS 1/16	2.479		●		7.72	25.4	1.435	5.8	12	1
A.P.I. BUTTRESS 1/12	2.718		●		7.72	25.4	1.435	5.8	12	1
27NR 5API403	3.1011		●		15.875	3.211	3.64	6.35	0	1.5
TSH HW + HWSL + NewHWSL 5TPI Int.	4.1001		●		15.875	15.875	13.8	4.76	12	1.5
TSH Blue + PJD Csg 5TPI Int. Pulling	4.1002		●		15.875	15.875	14	4.76	10	2
A.B. TC II - PULLING	4.1003		●		15.875	15.875	12.8	4.76	10	2
PROTECTEUR BUTTRESS 5TPI INT	4.160	●			15.75	15.75	4.4	4.76	10	3

2.427

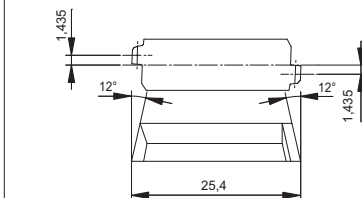
V0.040 BOX 5TPI - 3"TPF



C/36283

2.442

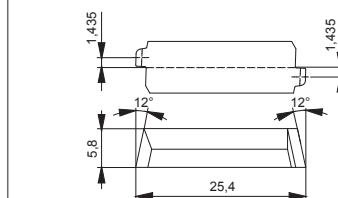
PREMIUM JOINT V



C/36283

2.479

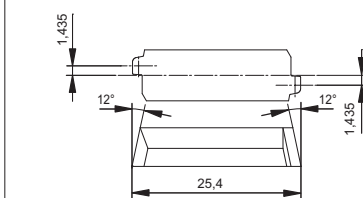
A.P.I. BUTTRESS 1/16



C/36283

2.718

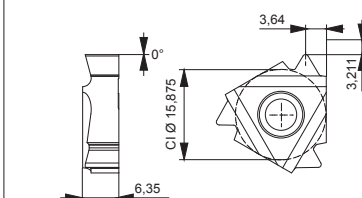
A.P.I. BUTTRESS 1/12



C/36283

3.1011

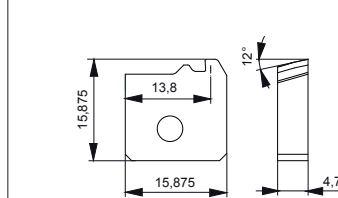
27NR 5API403



C/36283

4.1001

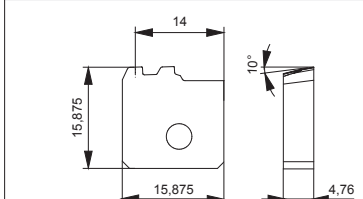
TSH HW + HWSL + NewHWSL 5TPI Int.



C/26350 C/26349

4.1002

TSH Blue + PJD Csg 5TPI Int. Pulling



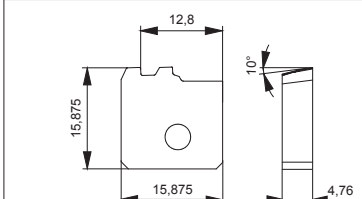
C/99313



C/29624

4.1003

A.B. TC II - PULLING



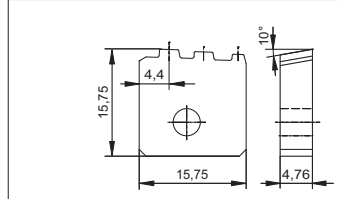
C/99313



C/29624

4.160

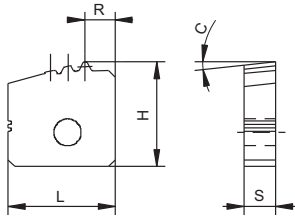
PROTECTEUR BUTTRESS 5TPI INT



C/34098/2



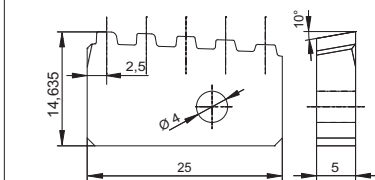
C/36634



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.165	●	●	●	25	14.635	2.5	5	10	5
A.P.I. BUTTRESS 1/16	4.181	●			25	14.635	1.7	5	10	5
A.P.I. BUTTRESS 1/12	4.191	●		●	25	14.635	2.5	5	10	5
Premium Joint + VAM 5TPI Box	4.205	●			15.75	15.75	13.74	4.76	10	1
GOST OTTG	4.209		●		12.7	12.5	10.7	4.76	10	1
A.P.I. BUTTRESS 1/16	4.214	●			25	14.635	2.5	5	10	3
A.P.I. BUTTRESS 1/16	4.215		●		12.7	12.5	5.62	4.76	10	2
A.P.I. BUTTRESS 1/16	4.222		●		25	15.75	2.5	5	10	5
A.P.I. BUTTRESS 1/16	4.224		●		25.4	15.784	2.5	5	10	4

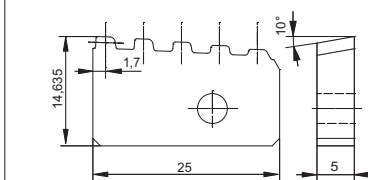
4.165

A.P.I. BUTTRESS 1/16



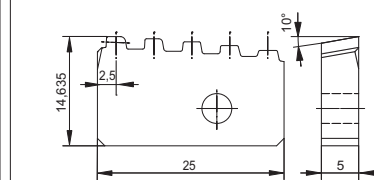
4.181

A.P.I. BUTTRESS 1/16



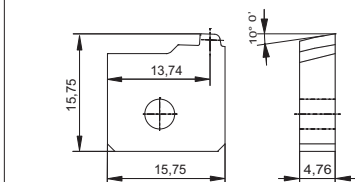
4.191

A.P.I. BUTTRESS 1/12



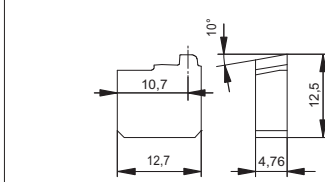
4.205

Premium Joint + VAM 5TPI Box



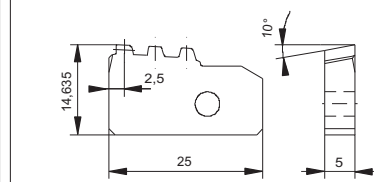
4.209

GOST OTTG



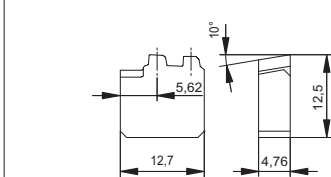
4.214

A.P.I. BUTTRESS 1/16



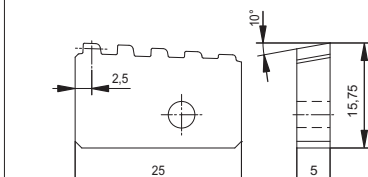
4.215

A.P.I. BUTTRESS 1/16



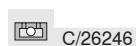
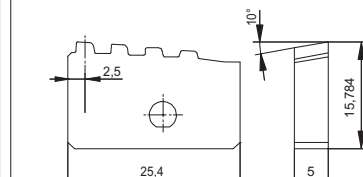
4.222

A.P.I. BUTTRESS 1/16



4.224

A.P.I. BUTTRESS 1/16



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

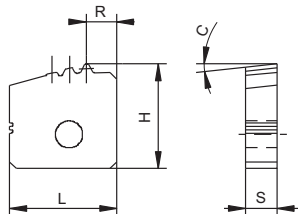
52-141

Shim seats

142-153

Chip
breakers

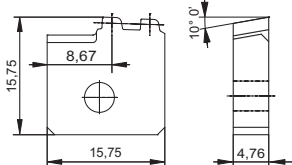
154-174



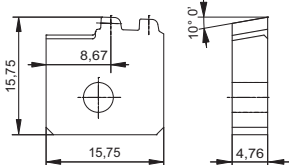
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.240	●	●	●	15.75	15.75	8.67	4.76	10	2
GOST OTTG - TBO	4.241	●			15.75	15.75	8.67	4.76	10	2
GOST OTTM	4.243	●			25	15.75	2.5	5	10	5
PREMIUM JOINT VAGT CASING	4.245		●		15.75	15.75	8.55	4.76	10	2
BDS 8 - 2 Cutting edges	4.247		●		15.75	15.75	4.4	4.76	10	2
A.P.I. BUTTRESS 1/16	4.259	●	●	●	25	15.875	2.5	5	10	5
NEW PREMIUM JOINT V	4.266	●	●		15.875	15.875	13.7	4.76	10	1
PREMIUM JOINT V 5TPI INT	4.287		●		15.75	13.75	13.74	4.76	10	1
A.P.I. BUTTRESS 1/16	4.290	●	●		28.75	15.75	1.66	5.2	10	6

4.240

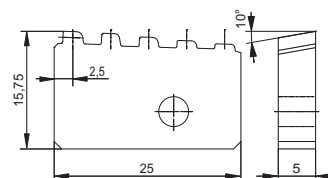
A.P.I. BUTTRESS 1/16

**4.241**

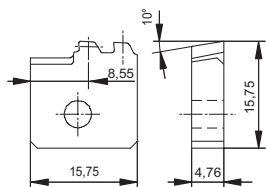
GOST OTTG - TBO

**4.243**

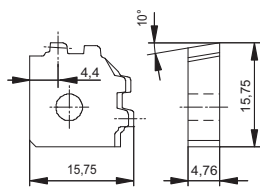
GOST OTTM

**4.245**

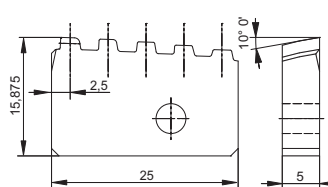
PREMIUM JOINT VAGT CASING

**4.247**

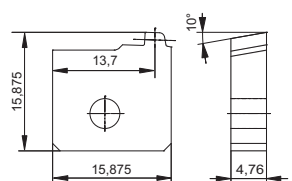
BDS 8 - 2 Cutting edges

**4.259**

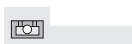
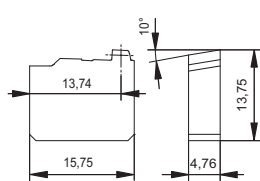
A.P.I. BUTTRESS 1/16

**4.266**

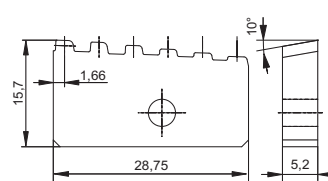
NEW PREMIUM JOINT V

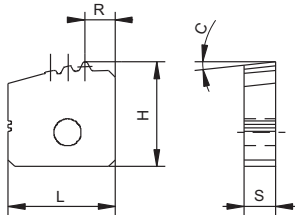
**4.287**

PREMIUM JOINT V 5TPI INT

**4.290**

A.P.I. BUTTRESS 1/16

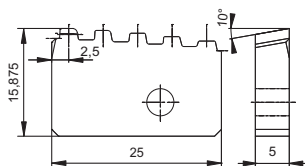




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/12	4.293	●	●		25	15.875	2.5	5	10	5
A.P.I. BUTTRESS 1/12 - 2 Cutting edges	4.298	●			19.5	19.5	2.5	6.35	10	3
A.P.I. BUTTRESS 1/16 - 2 Cutting edges	4.299		●		19.5	19.5	2.5	6.35	10	3
GOST OTTM - PULLING	4.311	●			25	15.75	22.5	5	10	5
BDS 16 - 2 Cutting edges	4.312		●		15.75	15.75	4.4	4.76	10	2
MUST 12 - 2 Cutting edges	4.313	●			15.75	15.75	4.4	4.76	10	2
A.P.I. BUTTRESS 1/16	4.326		●		25	14.635	2.5	5	10	5
A.P.I. BUTTRESS 1/16	4.332	●	●	●	15.875	15.75	2.5	4.76	10	3
GOST OTTM - OTTG - PULLING	4.338	●	●		15.75	15.75	13.25	4.76	10	2

4.293

A.P.I. BUTTRESS 1/12

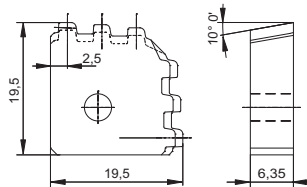


C/26244

C/26246

4.298

A.P.I. BUTTRESS 1/12 - 2 Cutting edges

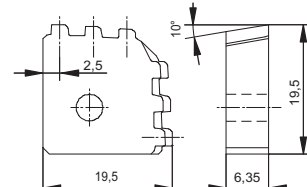


C/27865

C/27866

4.299

A.P.I. BUTTRESS 1/16 - 2 Cutting edges

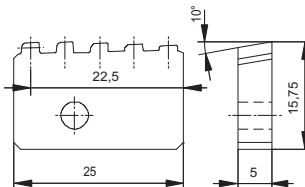


C/27865

C/27866

4.311

GOST OTTM - PULLING

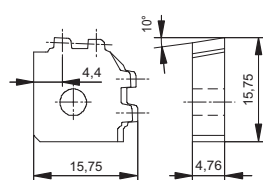


C/26244

C/28112

4.312

BDS 16 - 2 Cutting edges

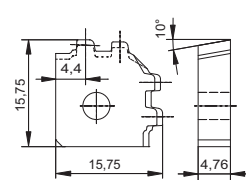


C/26747

C/26704

4.313

MUST 12 - 2 Cutting edges

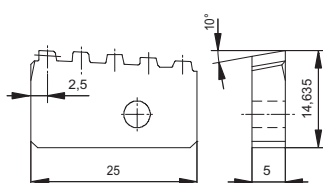


C/26747

C/26704

4.326

A.P.I. BUTTRESS 1/16

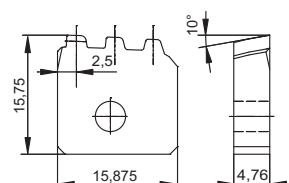


C/26244

C/26246

4.332

A.P.I. BUTTRESS 1/16

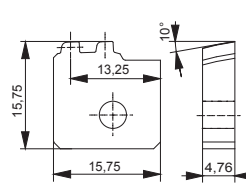


C/34098/2

C/36634

4.338

GOST OTTM - OTTG - PULLING



C/99313

C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

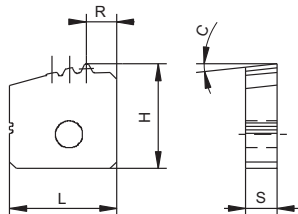
52-141

Shim seats

142-153

Chip
breakers

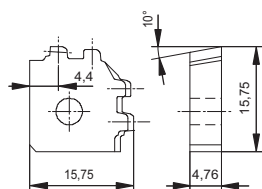
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
MUST 8 - 2 Cutting edges	4.347		●		15.75	15.75	4.4	4.76	10	2
PREMIUM JOINT V	4.349		●		12.76	12.53		4.76	8	2
PREMIUM JOINT V	4.350		●		12.74	12.54			8	1
A.P.I. BUTTRESS 1/16 - PULLING	4.359	●	●		25	15.75	2.5	5	10	5
TSH MS28 5TPI Int.	4.369	●	●	●	15.75	15.75	13.4	4.76	12	1
TSH MS 5TPI Int.	4.390	●	●		15.75	15.75	13.6	4.76	12	1
TSH 3SB 5 TPI Int. (Roughing)	4.411	●			15.75	15.75	6.51	4.76	10	2
TSH 3SB 5TPI Int.	4.412	●	●	●	15.75	15.75	11.5	4.76	10	1.5
GOST OTTG - TBO Protector	4.423		●		15.875	15.875	2.6	4.76	10	3

4.347

MUST 8 - 2 Cutting edges



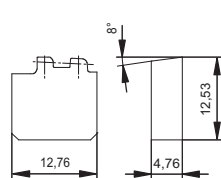
C/26747



C/26704

4.349

PREMIUM JOINT V



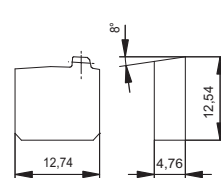
C/25033



C/25032

4.350

PREMIUM JOINT V



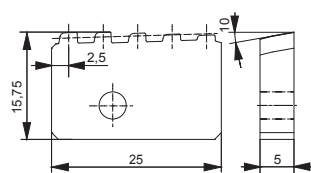
C/25033



C/25032

4.359

A.P.I. BUTTRESS 1/16 - PULLING



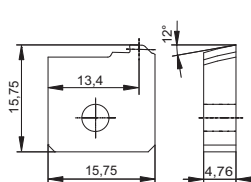
C/26244



C/28112

4.369

TSH MS28 5TPI Int.



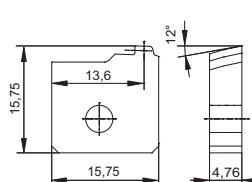
C/26350



C/26349

4.390

TSH MS 5TPI Int.



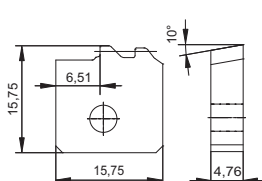
C/26350



C/26349

4.411

TSH 3SB 5 TPI Int. (Roughing)



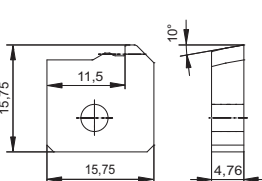
C/26350



C/26349

4.412

TSH 3SB 5TPI Int.



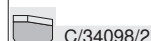
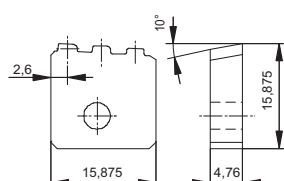
C/97816



C/26349

4.423

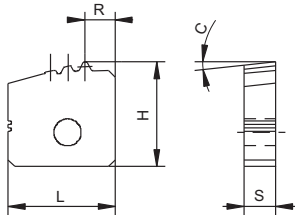
GOST OTTG - TBO Protector



C/34098/2

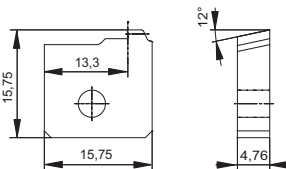


C/36634



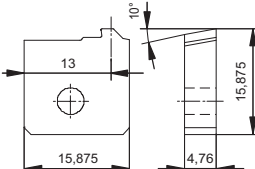
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
AB-HDL 5TPI 1.50"TPF (0.050RH) Int.	4.431	●	●		15.75	15.75	13.3	4.76	12	1
INTERLOCK - (TO0274)	4.453		●		15.875	15.875	13	4.76	10	1
INTERLOCK - (TO0275)	4.455		●		15.875	15.875	13	4.76	12	1
NEW PREMIUM JOINT V - PULLING	4.463	●	●		15.875	15.875	13.25	4.76	10	2
NEW PREMIUM JOINT SEC	4.485	●			15.875	15.875	13.8	4.76	10	1
GOST OTTM	4.486	●	●	●	15.875	15.875	2.5	4.76	10	3
A-DMS	4.517	●	●		15.75	15.75	13.3	4.76	12	1
PREMIUM JOINT	4.521	●			15.75	15.75	8.67	4.76	10	2
A.P.I. BUTTRESS 1/16	4.523	●			25	15.875	2.5	5	10	5

4.431
AB-HDL 5TPI 1.50"TPF (0.050RH) Int.



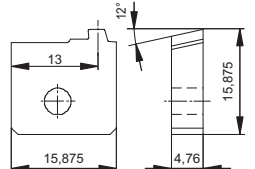
C/26350 C/26349

4.453
INTERLOCK - (TO0274)



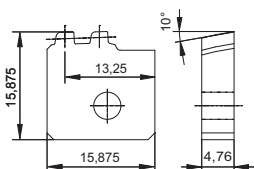
C/26350 C/26349

4.455
INTERLOCK - (TO0275)



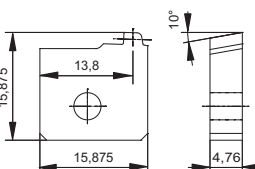
C/26350 C/26349

4.463
NEW PREMIUM JOINT V - PULLING



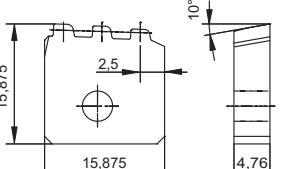
C/99313 C/29624

4.485
NEW PREMIUM JOINT SEC



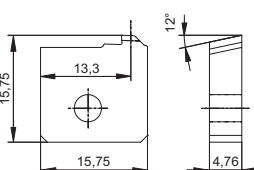
C/26350 C/26349

4.486
GOST OTTM



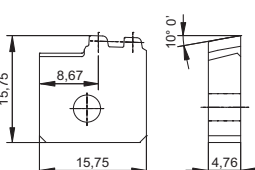
C/26350 C/26349

4.517
A-DMS



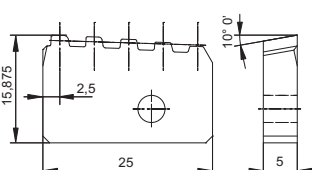
C/26350 C/26349

4.521
PREMIUM JOINT



C/26350 C/26349

4.523
A.P.I. BUTTRESS 1/16



C/26244 C/26246

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

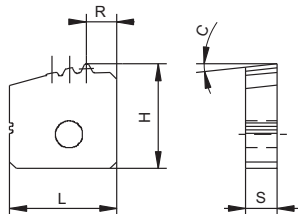
52-141

Shim seats

142-153

Chip
breakers

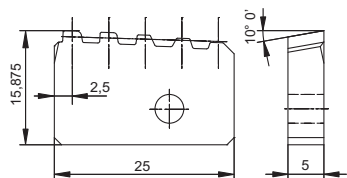
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.524	●			25	15.875	2.5	5	10	5
PREMIUM JOINT VAF MANCHON	4.531	●			15.75	15.15	12.6	4.76	12	1
A.B. TC II	4.538	●	●		15.875	15.875	12.33	4.76	10	1
A.B. TC II - PULLING	4.539	●	●		15.875	15.875	12.33	4.76	10	2
A.P.I. BUTTRESS 1/12 - PULLING	4.543	●	●		25	15.875	2.5	5	10	5
A.B. ST-L 1.1/8" TPF- PULLING	4.551	●			15.875	15.875	12.304	4.76	12	2
A.B. ST-L 3/4" TPF- PULLING	4.561	●			15.875	15.875	12.304	4.76	12	2
A.B. ST-L 1.6" TPF- PULLING	4.563	●	●		15.875	15.875	12.304	4.76	12	2
AB-STL 5TPI 3/4"TPF Int.	4.572	●	●		15.875	15.875	12.304	4.76	12	1.5

4.524

A.P.I. BUTTRESS 1/16



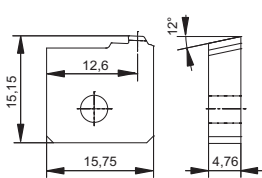
C/26244



C/26246

4.531

PREMIUM JOINT VAF MANCHON



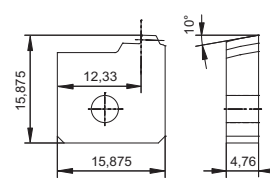
C/26350



C/26349

4.538

A.B. TC II



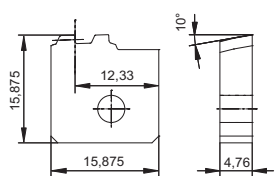
C/26350



C/26349

4.539

A.B. TC II - PULLING



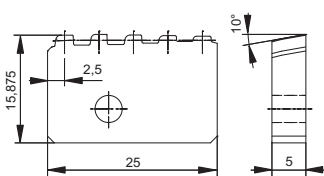
C/99313



C/29624

4.543

A.P.I. BUTTRESS 1/12 - PULLING



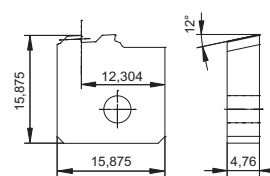
C/26244



C/28112

4.551

A.B. ST-L 1.1/8" TPF- PULLING



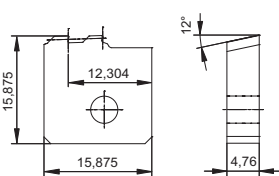
C/99313



C/29624

4.561

A.B. ST-L 3/4" TPF- PULLING



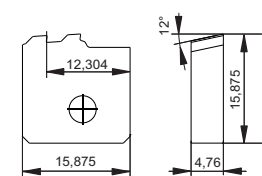
C/99313



C/29624

4.563

A.B. ST-L 1.6" TPF- PULLING



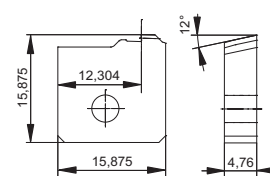
C/99313



C/29624

4.572

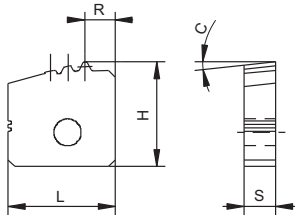
AB-STL 5TPI 3/4"TPF Int.



C/26350

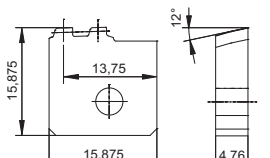


C/26349



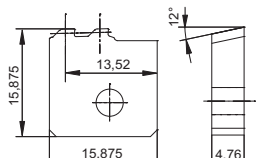
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS 5TPI Int. Pulling	4.574	●	●		15.875	15.875	13.75	4.76	12	2
TSH MS28 5TPI Int. Pulling	4.578	●	●		15.875	15.875	13.52	4.76	12	2
AB-STL 5TPI 1.1/8"TPF Int.	4.589	●	●	●	15.875	15.875	12.304	4.76	12	1.5
AB-NJO 5TPI 3/4"TPF Int. - Set (2)	4.602-1		●		15.875	15.875	12.1	4.76	12	1
AB-NJO 5TPI 3/4"TPF (0.061RH) Int. - Set (2)	4.602-2		●	●	15.875	15.875	11.93	4.76	12	1
A.B. ST-L 1 1/8" TPF - PULLING	4.615-1		●		15.875	15.875	12.384	4.76	12	2
A.B. ST-L 1 1/8" TPF - PULLING	4.615-2		●		15.875	15.875	12.304	4.76	12	2
A.P.I. BUTTRESS 1/16 - Roughing	4.624	●			20	14.4	2.58	5	10	4
VAM FJL-HW CASING	4.628		●		15.875	15.875	12	4.76	12	1

4.574
TSH MS 5TPI Int. Pulling



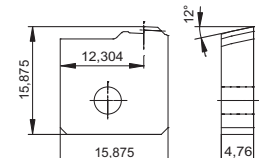
C/99313 C/29624

4.578
TSH MS28 5TPI Int. Pulling



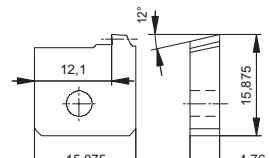
C/99313 C/29624

4.589
AB-STL 5TPI 1.1/8"TPF Int.



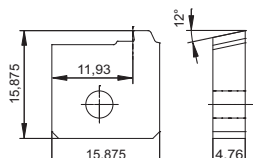
C/26350 C/26349

4.602-1
AB-NJO 5TPI 3/4"TPF Int. - Set (2)



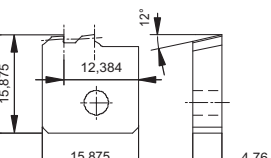
C/26350 C/26349

4.602-2
AB-NJO 5TPI 3/4"TPF (0.061RH) Int. - Set (2)



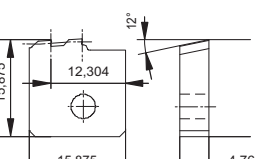
C/26350 C/26349

4.615-1
A.B. ST-L 1 1/8" TPF - PULLING



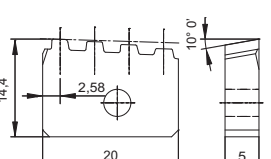
C/99313 C/29624

4.615-2
A.B. ST-L 1 1/8" TPF - PULLING



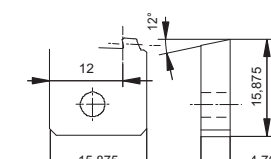
C/99313 C/29624

4.624
A.P.I. BUTTRESS 1/16 - Roughing



C/82147/2 C/82152

4.628
VAM FJL-HW CASING



C/34098/2 C/36634

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

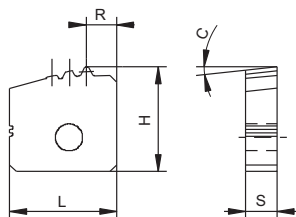
52-141

Shim seats

142-153

Chip
breakers

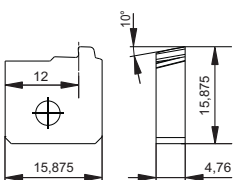
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAM ACE CASING	4.630		●		15.875	15.875	12	4.76	10	1
VAM SLIJ	4.638	●			20	15.875	16.2	4.76	12	2
AB-HDL 5TPI 3/4"TPF (0.040RH) Int.	4.659	●	●		15.875	15.875	12.33	4.76	12	1
AB-HDL 5TPI 1.00"TPF (0.050RH) Int.	4.661	●	●		15.875	15.875	12.3	4.76	12	1
AB-HDL 5TPI 1.25"TPF (0.050RH) Int.	4.663	●	●		15.875	15.875	12.3	4.76	12	1
AB-HDL 5TPI 1.75"TPF (0.050RH) Int.	4.665	●	●		15.875	15.875	12.25	4.76	12	1
A.P.I. BUTTRESS 1/16	4.699	●			25	15.875	2.5	5	14	5
PREMIUM JOINT - PULLING	4.700	●			15.875	15.875	11.88	4.76	10	2
A.P.I. BUTTRESS 1/16	4.701	●			25	15.875	2.5	5	14	5

4.630

VAM ACE CASING

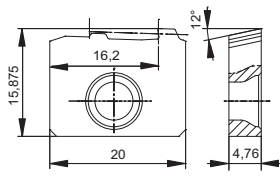


C/26350

C/29813

4.638

VAM SLIJ

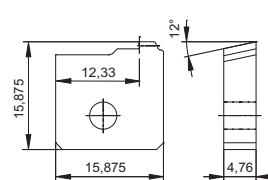


C/82147/2

C/82146

4.659

AB-HDL 5TPI 3/4"TPF (0.040RH) Int.

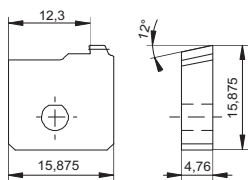


C/26350

C/26349

4.661

AB-HDL 5TPI 1.00"TPF (0.050RH) Int.

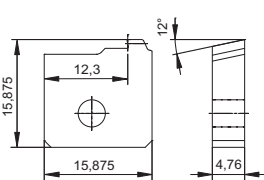


C/26350

C/26349

4.663

AB-HDL 5TPI 1.25"TPF (0.050RH) Int.

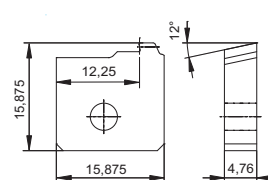


C/26350

C/26349

4.665

AB-HDL 5TPI 1.75"TPF (0.050RH) Int.

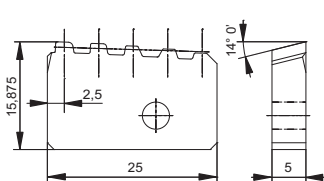


C/26350

C/26349

4.699

A.P.I. BUTTRESS 1/16

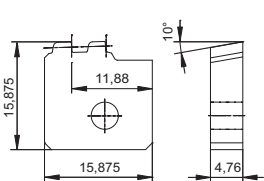


C/26244

C/26246

4.700

PREMIUM JOINT - PULLING

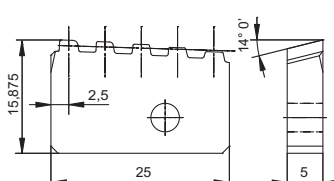


C/99313

C/29624

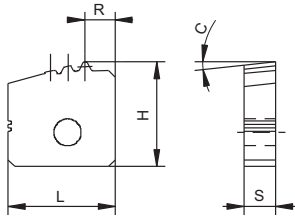
4.701

A.P.I. BUTTRESS 1/16



C/26244

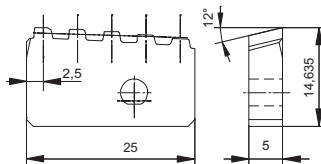
C/26246



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.702		●		25	14.635	2.5	5	12	5
A.P.I. BUTTRESS 1/12	4.703		●		25	14.635	2.5	5	12	5
A.P.I. BUTTRESS 1/12	4.704		●		25	15.875	2.5	5	12	5
A.P.I. BUTTRESS 1/16	4.707	●			25	15.875	2.5	5	12	5
A.P.I. BUTTRESS 1/16	4.708	●			25	14.635	2.5	5	12	5
TSH 3SB 5TPI Int. Pulling	4.724	●	●		15.875	15.875	11.6	4.76	10	2
A.P.I. BUTTRESS 1/16	4.727	●	●	●	25	15.875	2.5	5	10	5
A.P.I. BUTTRESS 1/16	4.736	●	●		25	15.875	2.5	5	10	5
GOST OTTM - OTTG	4.758	●			15.75	15.75	8.67	4.76	10	2

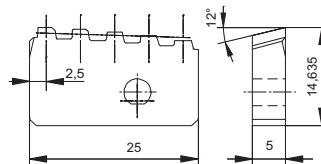
4.702

A.P.I. BUTTRESS 1/16



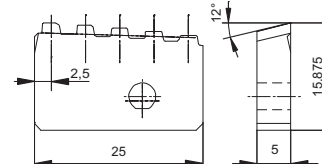
4.703

A.P.I. BUTTRESS 1/12



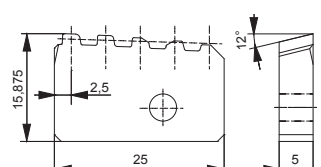
4.704

A.P.I. BUTTRESS 1/12



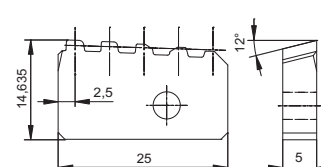
4.707

A.P.I. BUTTRESS 1/16



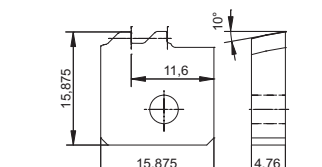
4.708

A.P.I. BUTTRESS 1/16



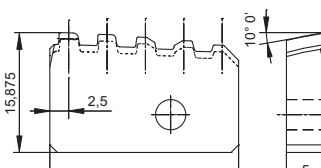
4.724

TSH 3SB 5TPI Int. Pulling



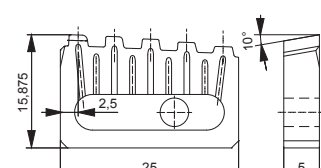
4.727

A.P.I. BUTTRESS 1/16



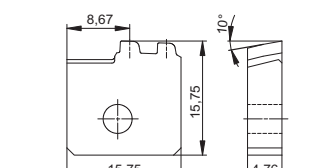
4.736

A.P.I. BUTTRESS 1/16



4.758

GOST OTTM - OTTG



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

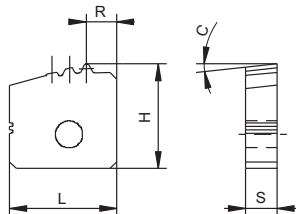
52-141

Shim seats

142-153

Chip
breakers

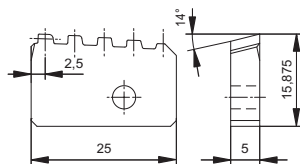
154-174



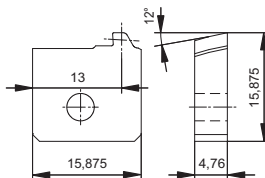
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.759		●		25	15.875	2.5	5	14	5
TSH HW + HWSL + NewHWSL 5TPI Int.	4.762		●		15.875	15.875	13	4.76	12	1
TSH HW + HWSL + NewHWSL 5TPI Int. Pulling	4.763		●		15.875	15.875	13	4.76	12	2
TSH MS XT/XC + Blue SAGD 5TPI Int.	4.765	●	●		15.75	15.75	13.6	4.76	12	1
TSH MS XT/XC 5TPI Int. Pulling	4.775		●		15.875	15.875	13.75	4.76	12	2
AB-ANJO 5TPI 3/4"TPF (0.061RH) Int.	4.780	●	●		15.875	15.875	12.36	4.76	12	1
TSH MS28 XT/XC 5TPI Int.	4.794	●			15.75	15.75	13.4	4.76	12	1
TSH Blue + PJD Csg Int.	4.797		●		15.875	15.875	13.8	4.76	10	1
TSH Blue + PJD Csg 5TPI Int. Pulling	4.798		●		15.875	15.875	13.75	4.76	10	2

4.759

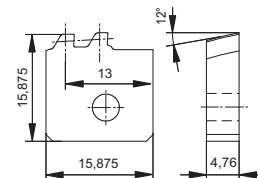
A.P.I. BUTTRESS 1/16

**4.762**

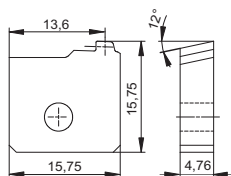
TSH HW + HWSL + NewHWSL 5TPI Int.

**4.763**

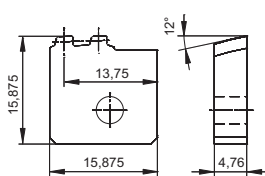
TSH HW + HWSL + NewHWSL 5TPI Int. Pulling

**4.765**

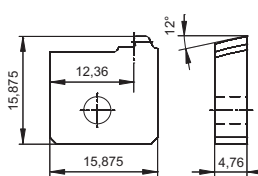
TSH MS XT/XC + Blue SAGD 5TPI Int.

**4.775**

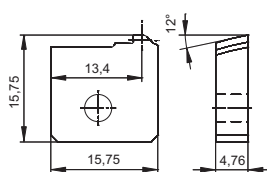
TSH MS XT/XC 5TPI Int. Pulling

**4.780**

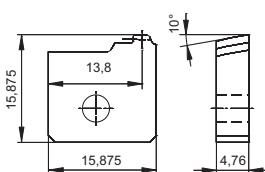
AB-ANJO 5TPI 3/4"TPF (0.061RH) Int.

**4.794**

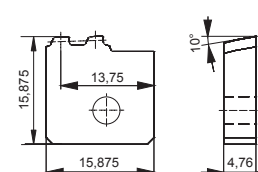
TSH MS28 XT/XC 5TPI Int.

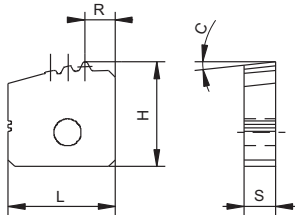
**4.797**

TSH Blue + PJD Csg Int.

**4.798**

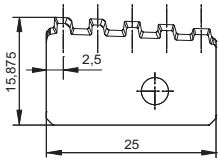
TSH Blue + PJD Csg 5TPI Int. Pulling





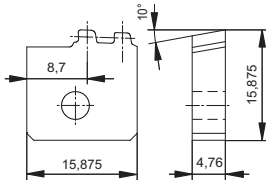
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. BUTTRESS 1/16	4.805		●		25	15.875	2.5	5	10	5
VAM TOP CASING 5TPI BOX	4.823	●			15.875	15.875	8.7	4.76	10	2
UPJ CASING 513/8 BOX	4.825	●			15.75	15.75	13.74	4.76	10	1
BUTTRESS INTERIEUR 5TPI	4.830		●		25	15.875	2.5	5	10	5
AMS F 5TPI Int.	4.832	●	●		15.875	15.875	13.5	4.76	12	1
KS BEAR 5TPI BOX	4.844	●		●	15.875	15.875	13.4	4.76	12	1
PREMIUM TPCO 5TPI BOX	4.850			●	15.875	15.75	8.7	4.76	10	2
BUTTRESS 5TPI BOX PULLING	4.863		●		15.875	15.75	2.5	4.76	10	2
BUTTRESS 5TPI BOX PULLING	4.864		●		15.875	15.75	2.5	4.76	10	3

4.805
A.P.I. BUTTRESS 1/16



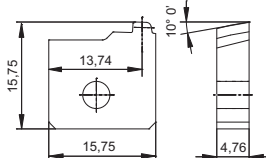
C/26244 C/26246

4.823
VAM TOP CASING 5TPI BOX



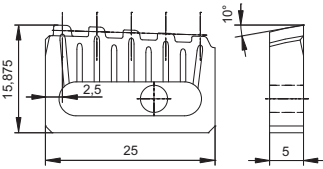
C/34098/2 C/26349

4.825
UPJ CASING 513/8 BOX



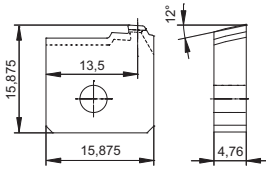
C/26350 C/26349

4.830
BUTTRESS INTERIEUR 5TPI



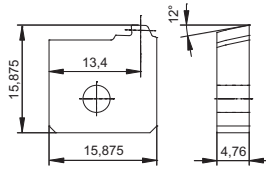
C/23880 C/26246

4.832
AMS F 5TPI Int.



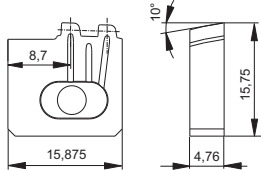
C/26350 C/26349

4.844
KS BEAR 5TPI BOX



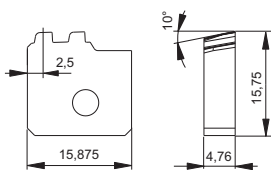
C/26350 C/26349

4.850
PREMIUM TPCO 5TPI BOX



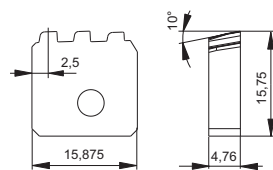
C/28264 C/26349

4.863
BUTTRESS 5TPI BOX PULLING



C/99313 C/29624

4.864
BUTTRESS 5TPI BOX PULLING



C/99313 C/27526

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

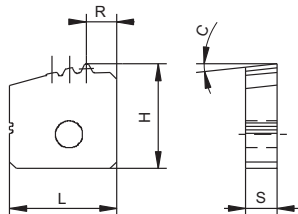
52-141

Shim seats

142-153

Chip
breakers

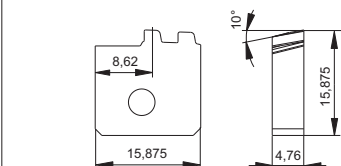
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
NEW VAM 5TPI Roughing	4.869	●			15.875	15.875	8.62	4.76	10	2
BUT 5TPI BOX Roughing	4.870		●		15.875	15.875	2.5	4.76	10	3
BUT 5TPI 1/12 BOX	4.871		●		15.875	15.875	8.58	4.76	10	2
BUT 5TPI 1/12 BOX	4.872	●	●		15.875	15.875	2.5	4.76	10	3
VAM TOP 5TPI BOX	4.877	●			15.875	15.875	13.58	4.76	10	1
VAM TOP 5TPI BOX Roughing	4.878	●			15.875	15.875	8.5	4.76	10	2
VAM TOP 5TPI BOX	4.885	●			12.7	12.7	5.5	4.76	10	2
KS BEAR 5TPI BOX PULLING	4.888			●	15.875	15.875	13.4	4.76	10	1
PREMIUM 5TPI BOX	4.889	●			15.75	15.75	13.74	4.76	10	1

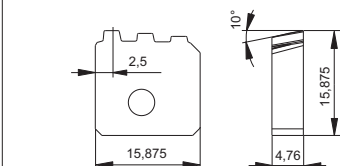
4.869

NEW VAM 5TPI Roughing


 C/26350

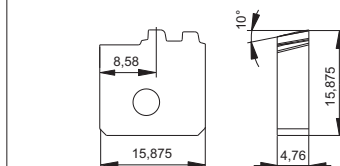
 C/26349
4.870

BUT 5TPI BOX Roughing


 C/34098/2

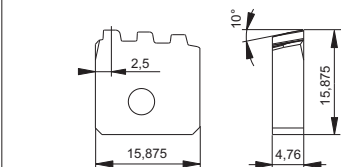
 C/36634
4.871

BUT 5TPI 1/12 BOX


 C/26350

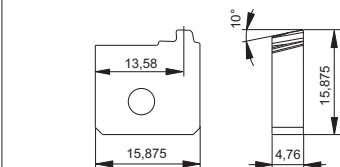
 C/26349
4.872

BUT 5TPI 1/12 BOX


 C/34098/2

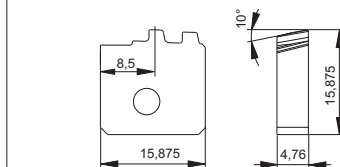
 C/36634
4.877

VAM TOP 5TPI BOX


 C/34098/2

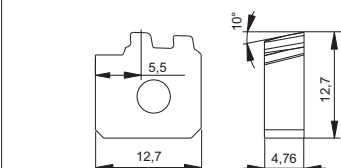
 C/26349
4.878

VAM TOP 5TPI BOX Roughing


 C/26350

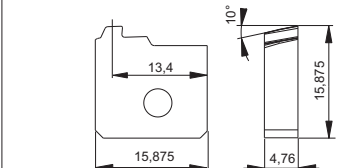
 C/26349
4.885

VAM TOP 5TPI BOX


 C/33842

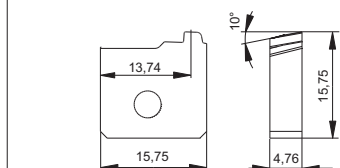
 C/87785
4.888

KS BEAR 5TPI BOX PULLING

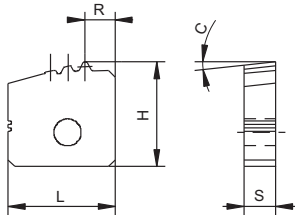

 C/99313

 C/29624
4.889

PREMIUM 5TPI BOX

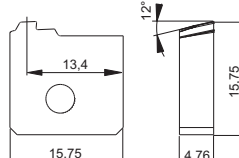

 C/26350

 C/26349



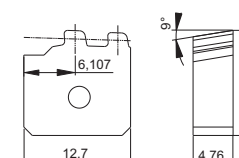
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAF 5TPI BOX PULLING	4.890		●		15.75	15.75	13.4	4.76	12	1
VAM TOP 5TPI BOX	4.892		●		12.7	12.5	6.107	4.76	9	2
TSH Blue NF - 5% - 5TPI Int.	4.894		●		15.75	15.75	13	4.76	10	1
WARM 5TPI BOX	4.897		●		15.75	15.75	13.74	4.76	10	1
WARM 5TPI BOX	4.897-hc		●		15.75	15.75	13.74	4.76	10	1
WARM 5TPI BOX PULLING	4.898		●		15.75	15.75	13.25	4.76	10	2
WARM 5TPI BOX PULLING	4.898-hc		●		15.75	15.75	13.25	4.76	10	2
TMK GF 5TPI BOX	4.911		●		15.875	15.875	14	4.76	10	1.5
TMK GF 5TPI BOX PULLING	4.913		●		15.875	15.875	14	4.76	10	2

4.890
VAF 5TPI BOX PULLING



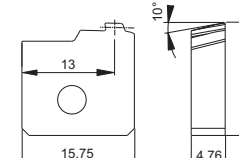
C/99313 C/29624

4.892
VAM TOP 5TPI BOX



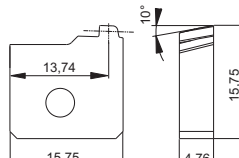
C/33842 C/87785

4.894
TSH Blue NF - 5% - 5TPI Int.



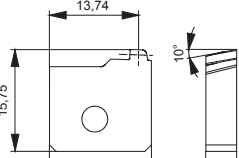
C/26350 C/26349

4.897
WARM 5TPI BOX



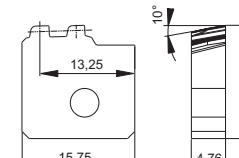
C/26350 C/26349

4.897-hc
WARM 5TPI BOX



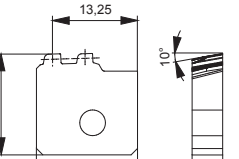
C/26350 C/26349

4.898
WARM 5TPI BOX PULLING



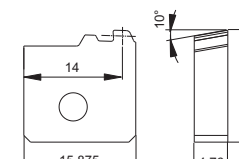
C/99313 C/29624

4.898-hc
WARM 5TPI BOX PULLING



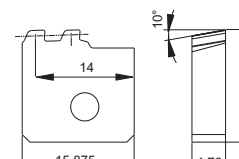
C/99313 C/29624

4.911
TMK GF 5TPI BOX



C/26350 C/26349

4.913
TMK GF 5TPI BOX PULLING



C/99313 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

5 TPI

Index

11-50

Threading-
inserts

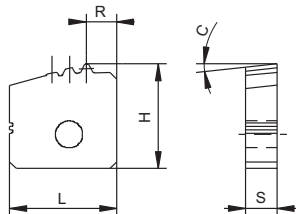
52-141

Shim seats

142-153

Chip
breakers

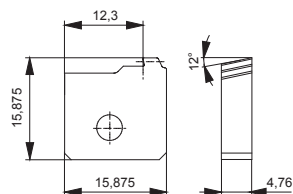
154-174



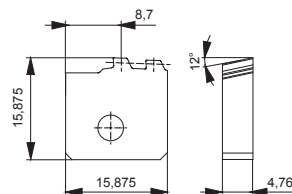
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
HDL 5TPI 1"TPF BOX	4.918			●	15.875	15.875	12.3	4.76	12	1
JFE BEAR 5TPI BOX Roughing	4.920		●		15.875	15.875	8.7	4.76	12	2
VAM MUST 5TPI 1/10 BOX	4.944		●		15.875	15.875	13	4.76	12	1
VAM MUST 5TPI 1/16 BOX	4.946		●		15.875	15.875	13	4.76	12	1
GOST OTTM - PULLING	4.957		●		15.875	15.75	2.5	4.76	10	3
JFE BEAR 5TPI BOX Roughing	4.967		●		15.875	15.875	13.4	4.76	10	1
BGC 5TPI BOX Roughing	4.968		●		15.75	15.64	13.74	4.76	10	1
BGC 5TPI BOX Pulling Roughing	4.969		●		15.75	15.5	13.25	4.76	10	2
VAGT 5TPI BOX	4.970		●		15.75	15.75	8.67	4.76	10	2

4.918

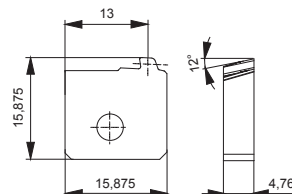
HDL 5TPI 1"TPF BOX

**4.920**

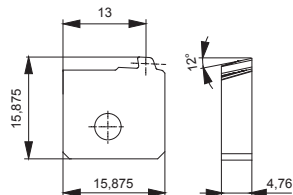
JFE BEAR 5TPI BOX Roughing

**4.944**

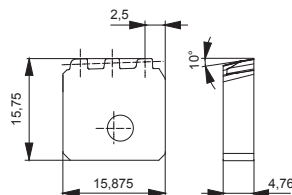
VAM MUST 5TPI 1/10 BOX

**4.946**

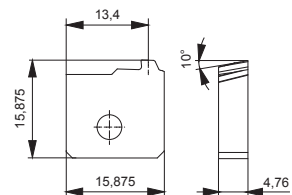
VAM MUST 5TPI 1/16 BOX

**4.957**

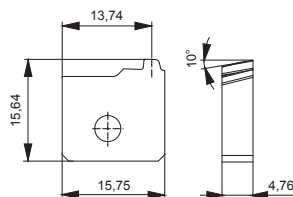
GOST OTTM - PULLING

**4.967**

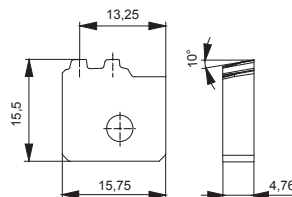
JFE BEAR 5TPI BOX Roughing

**4.968**

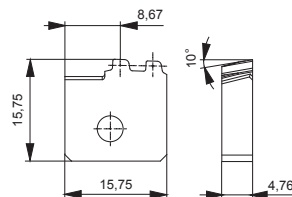
BGC 5TPI BOX Roughing

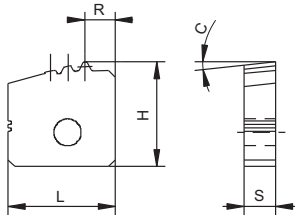
**4.969**

BGC 5TPI BOX Pulling Roughing

**4.970**

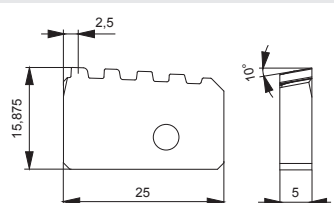
VAGT 5TPI BOX





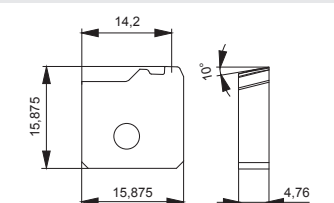
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BUTTRESS 5TPI BOX	4.978		●		25	15.875	2.5	5	10	5
TSH Blue + PJD Csg Int.	4.980		●		15.875	15.875	14.2	4.76	10	1.5
JFE BEAR 5TPI BOX	4.986		●		15.875	15.875	13.9	4.76	10	1.5
JFE BEAR 5TPI BOX PULLING	4.987		●		15.875	15.875	13.9	4.76	10	1.5
NEW PREMIUM JOINT 5TPI Int.	4.989		●		15.875	15.875	14.3	4.76	10	1.5
TSH 3SB 5TPI Int. Pulling	4.999		●		15.875	15.875	12	4.76	10	2

4.978
BUTTRESS 5TPI BOX



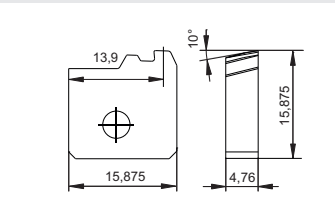
C/26244 C/26246

4.980
TSH Blue + PJD Csg Int.



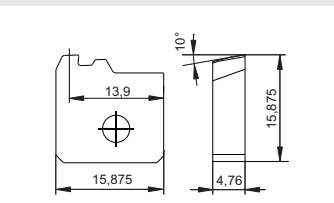
C/26350 C/26349

4.986
JFE BEAR 5TPI BOX



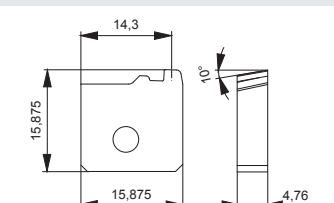
C/26350 C/26349

4.987
JFE BEAR 5TPI BOX PULLING



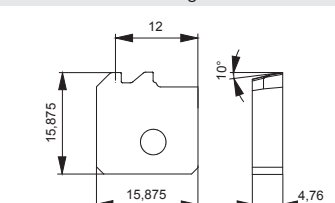
C/99313 C/29624

4.989
NEW PREMIUM JOINT 5TPI Int.



C/26350 C/26349

4.999
TSH 3SB 5TPI Int. Pulling



C/99313 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

6 TPI

Index

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Threading-
inserts

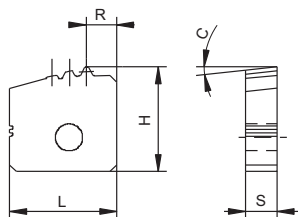
52-141

Shim seats

142-153

Chip
breakers

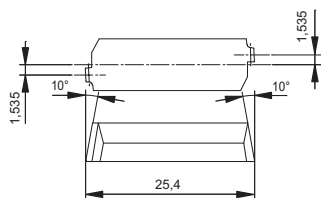
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
PREMIUM JOINT V	2.443	●		●	7.72	25.4	1.535	5.8	10	1
TDS 6 3/4" TPF	2.465		●		7.72	25.4	1.535	5.8	10	1
ATLAS BRADFORD FL4S - 1-1/8" TPF	2.492	●			7.72	25.4	0.712	5.8	10	1
HYDRILL 6 CS	2.514		●		7.72	25.4	1.6	5.8	10	1
ELC spang Finishing	4.177		●		20	15.75	18.5	4.76	10	5
PREMIUM JOINT V	4.200		●		15.875	15.75	4.4	4.76	8	3
PREMIUM JOINT V	4.217	●	●	●	15.875	15.75	1.75	4.76	8	4
TDS 6 - 2 Cutting edges	4.309	●			19.5	19.5	4.2	6.35	10	3
TSH PJD 6TPI Ext.	4.346	●	●		15.75	15.75	9.75	4.76	6	2

2.443

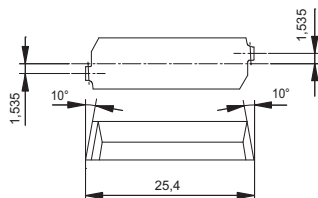
PREMIUM JOINT V



C/36284

2.465

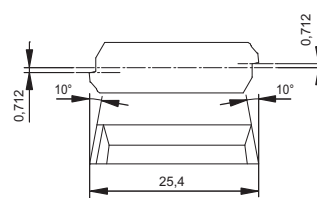
TDS 6 3/4" TPF



C/36284

2.492

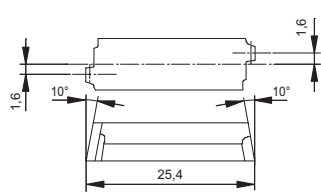
ATLAS BRADFORD FL4S - 1-1/8" TPF



C/36284

2.514

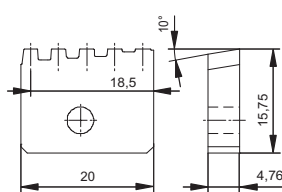
HYDRILL 6 CS



C/36284

4.177

ELC spang Finishing



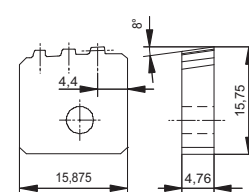
C/30855



C/21336

4.200

PREMIUM JOINT V



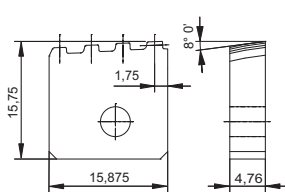
C/27525/1



C/27526

4.217

PREMIUM JOINT V



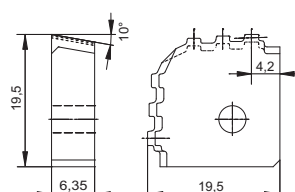
C/27525/1



C/27526

4.309

TDS 6 - 2 Cutting edges



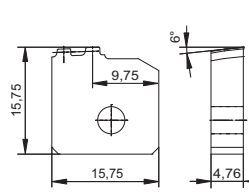
C/27856/1



C/27855

4.346

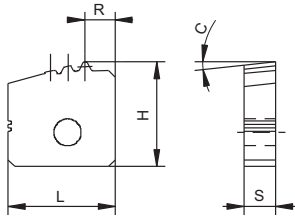
TSH PJD 6TPI Ext.



C/26350



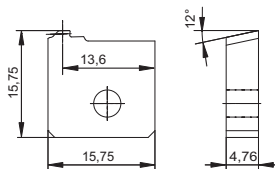
C/26349



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS28 6TPI Ext.	4.375	●	●		15.75	15.75	13.6	4.76	12	1
TSH MS + MS XT/XC 6TPI Ext.	4.393	●	●		15.75	15.75	9.5	4.76	10	2
TDS 6 - Set for rotating tools	4.394/1		●		17	13.932	4.987	5.2	10	2
TDS 6 - Set for rotating tools	4.394/2		●		17	14.126	3.576	5.2	10	2
TDS 6 - Set for rotating tools	4.394/3		●		17	14.28	2.165	5.2	10	3
PREMIUM JOINT D	4.403	●			13	15.75	9.75	4.76	6	1
SPJD Super C 6TPI Ext.	4.405	●			12.7	15.75	10.65	4.76	10	1
A.B. TC4S	4.481	●	●	●	20	15.875	1.159	4.76	10	4
A.B. TC4S	4.482	●			15.875	15.875	1.159	4.76	10	3

4.375

TSH MS28 6TPI Ext.

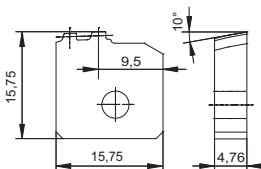


C/27525/1

C/27526

4.393

TSH MS + MS XT/XC 6TPI Ext.

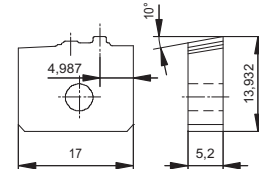


C/27525/2

C/27526

4.394/1

TDS 6 - Set for rotating tools

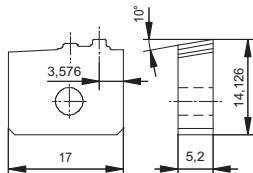


C/26355

C/26356

4.394/2

TDS 6 - Set for rotating tools

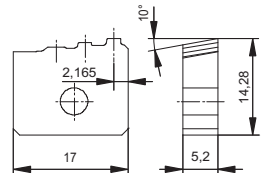


C/26355

C/26356

4.394/3

TDS 6 - Set for rotating tools

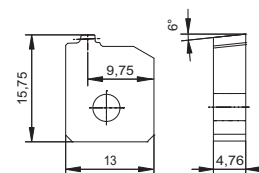


C/26355

C/26356

4.403

PREMIUM JOINT D

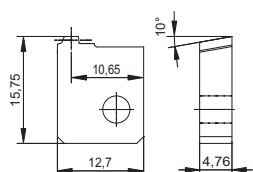


C/33844

C/33845

4.405

SPJD Super C 6TPI Ext.

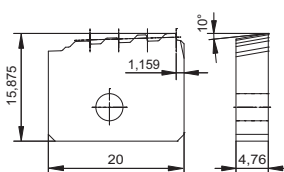


C/33844

C/33845

4.481

A.B. TC4S

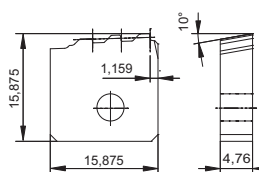


C/30855

C/28681

4.482

A.B. TC4S



C/27525/1

C/27526

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

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6 TPI

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inserts

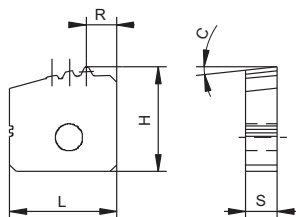
52-141

Shim seats

142-153

Chip
breakers

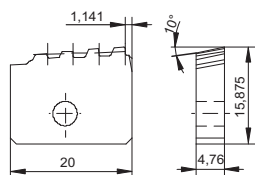
154-174



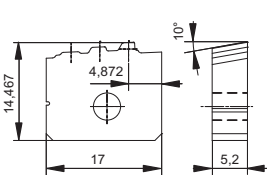
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
AB-TC II 6TPI 3/4"TPF Ext.	4.503	●	●		20	15.875	1.141	4.76	10	4
GOST NKM - Set for rotating tools	4.508/1	●			17	14.467	4.872	5.2	10	3
GOST NKM - Set for rotating tools	4.508/2	●			17	14.687	3.411	5.2	10	3
GOST NKM - Set for rotating tools	4.508/3	●			17	14.85	2	5.2	10	3
A-DMS	4.518	●	●	●	15.75	15.75	13.5	4.76	12	1
PREMIUM JOINT - Set for CERATIZIT Tooling	4.540-1	●			15.75	14.985	3.867	4.76	8	3
PREMIUM JOINT - Set for CERATIZIT Tooling	4.540-2	●			15.75	15.133	1.75	4.76	8	3
A.B. TC II - Set for CERATIZIT Tooling	4.553-1	●			20	15.402	3.158	4.76	10	3
A.B. TC II - Set for CERATIZIT Tooling	4.553-2	●			20	15.569	0.941	4.76	10	4

4.503

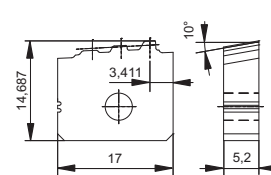
AB-TC II 6TPI 3/4"TPF Ext.

**4.508/1**

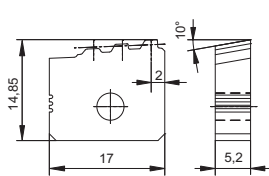
GOST NKM - Set for rotating tools

**4.508/2**

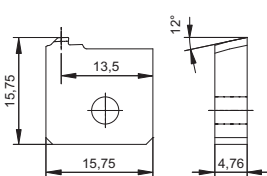
GOST NKM - Set for rotating tools

**4.508/3**

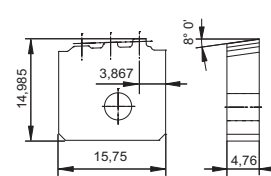
GOST NKM - Set for rotating tools

**4.518**

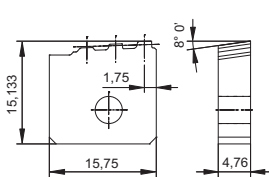
A-DMS

**4.540-1**

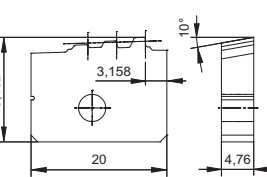
PREMIUM JOINT - Set for CERATIZIT Tooling

**4.540-2**

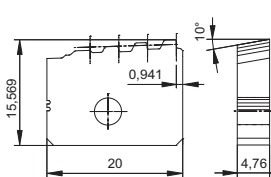
PREMIUM JOINT - Set for CERATIZIT Tooling

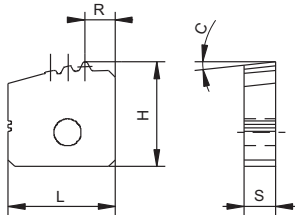
**4.553-1**

A.B. TC II - Set for CERATIZIT Tooling

**4.553-2**

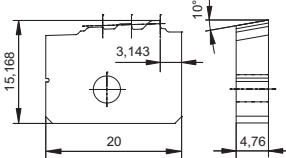
A.B. TC II - Set for CERATIZIT Tooling





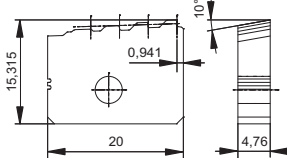
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.B. TC4S - Set for CERATIZIT Tooling	4.556-1	●			20	15.168	3.143	4.76	10	3
A.B. TC4S - Set for CERATIZIT Tooling	4.556-2	●			20	15.315	0.941	4.76	10	4
TSH MS 6TPI Ext. - Set (2)	4.585-1	●			20	15.243	4.224	4.76	10	3
TSH MS 6TPI Ext. - Set (2)	4.585-2	●	●		20	15.412	1.03	4.76	10	4
AB-NJO/ANJO 6TPI 3/4"TPF Ext.	4.605-1		●		15.875	15.875	12.5	4.76	12	1
AB-NJO/ANJO 6TPI 3/4"TPF (0.041RH) Ext.	4.605-2	●			15.875	15.875	12.37	4.76	12	1
AB-NJO/ANJO 6TPI 3/4"TPF Ext.	4.606-1		●		15.875	15.875	12.5	4.76	12	1
AB-NJO/ANJO 6TPI 3/4"TPF (0.047RH) Ext.	4.606-2	●	●		15.875	15.875	12.37	4.76	12	1
PREMIUM JOINT V ACE	4.612		●		15.875	15.7	12.9	4.76	12	1

4.556-1
A.B. TC4S - Set for CERATIZIT Tooling



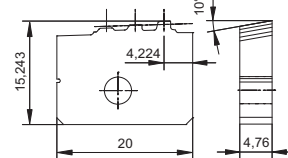
C/84063/2 C/28681

4.556-2
A.B. TC4S - Set for CERATIZIT Tooling



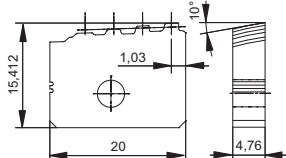
C/30855 C/28681

4.585-1
TSH MS 6TPI Ext. - Set (2)



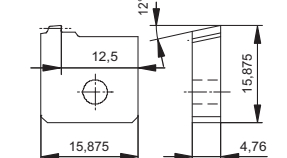
C/84063/2 C/28681

4.585-2
TSH MS 6TPI Ext. - Set (2)



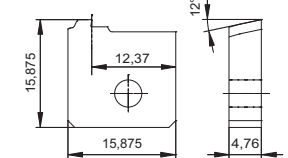
C/30855 C/28681

4.605-1
AB-NJO/ANJO 6TPI 3/4"TPF Ext.



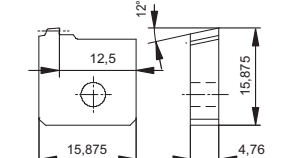
C/87391 C/29624

4.605-2
AB-NJO/ANJO 6TPI 3/4"TPF (0.041RH) Ext.



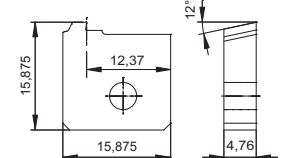
C/87391 C/29624

4.606-1
AB-NJO/ANJO 6TPI 3/4"TPF Ext.



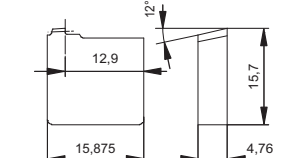
C/87391 C/29624

4.606-2
AB-NJO/ANJO 6TPI 3/4"TPF (0.047RH) Ext.



C/87391 C/29624

4.612
PREMIUM JOINT V ACE



C/87391 C/29624

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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External threading inserts

6 TPI

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Threading-
inserts

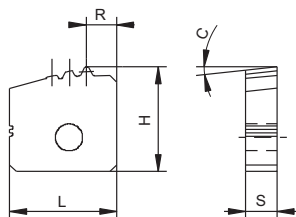
52-141

Shim seats

142-153

Chip
breakers

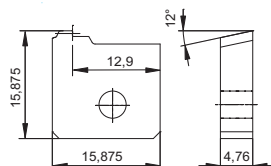
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
AB-HDL 6TPI 3/4"TPF (0.032RH) Ext.	4.666		●		15.875	15.875	12.9	4.76	12	1
AB-RTS 6TPI Ext.	4.687	●			12.7	15.75	9.36	4.76	10	1
TSH MS 6TPI Ext. - Set (3)	4.691/1		●		17	14.167	3.945	5.2	10	3
TSH MS 6TPI Ext. - Set (3)	4.691/2		●		17	14.372	2.54	5.2	10	3
TSH MS 6TPI Ext. - Set (3)	4.691/3		●		17	14.52	1.03	5.2	10	3
SEC 6TPI EXT N°1	4.693/1	●	●		17	14.085	3.61	5.2	10	3
SEC 6TPI EXT N°2	4.693/2		●		17	14.26	2.211	5.2	10	3
SEC 6TPI EXT N°3	4.693/3		●		17	14.406	0.7	5.2	10	4
TSH MS28 6TPI Ext. - Set (2)	4.698-1	●			20	15.629	4.194	4.76	10	3

4.666

AB-HDL 6TPI 3/4"TPF (0.032RH) Ext.

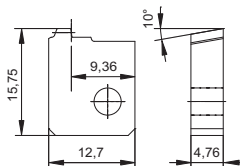


C/27525/1

C/27526

4.687

AB-RTS 6TPI Ext.

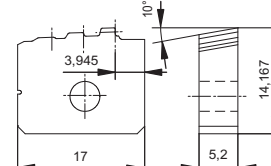


C/33844

C/33845

4.691/1

TSH MS 6TPI Ext. - Set (3)

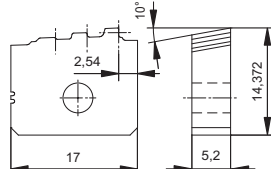


C/26355

C/26356

4.691/2

TSH MS 6TPI Ext. - Set (3)

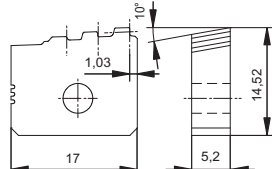


C/26355

C/26356

4.691/3

TSH MS 6TPI Ext. - Set (3)

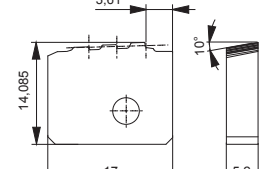


C/26355

C/26356

4.693/1

SEC 6TPI EXT N°1

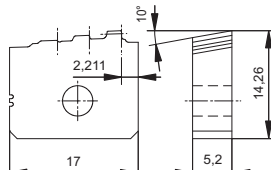


C/26355

C/26356

4.693/2

SEC 6TPI EXT N°2

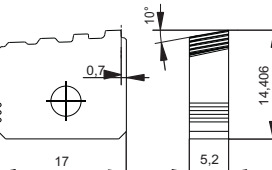


C/26355

C/26356

4.693/3

SEC 6TPI EXT N°3

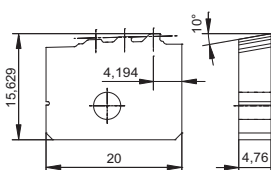


C/26355

C/26356

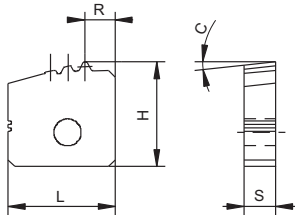
4.698-1

TSH MS28 6TPI Ext. - Set (2)



C/30855

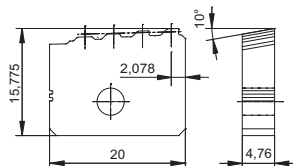
C/28681



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS28 6TPI Ext. - Set (2)	4.698-2	●			20	15.775	2.078	4.76	10	4
VAM SLIJ-II	4.710	●			15.875	15.875	12.2	4.76	12	2
V.Special 6 TPI PIN	4.713	●			15.875	15.875	1.6	4.76	14	4
SUCKER ROD	4.783		●		12.7	12.7	0.4	4.76	0	1
NKM 6TPI PIN Roughing N°1	4.786-1		●		20	15.191	4.117	4.76	10	3
NKM 6TPI PIN Finishing N°2	4.786-2		●		20	15.382	2	4.76	10	4
STT 6TPI PIN	4.788		●		15.875	15.875	13.7	4.76	10	1
UPJ TUBING 3/2-4/2 PIN	4.828	●			15.875	15.75	1.75	4.76	8	4
VAM TOP / VAM TOP HT 6TPI PIN	4.837	●		●	15.875	15.875	1.6	4.76	10	4

4.698-2

TSH MS28 6TPI Ext. - Set (2)

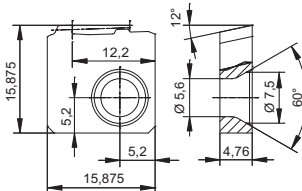


C/30855

C/28681

4.710

VAM SLIJ-II

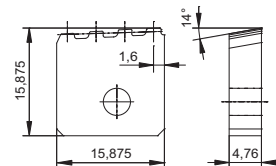


C/27525/1

C/82298

4.713

V.Special 6 TPI PIN

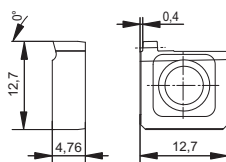


C/27525/1

C/27526

4.783

SUCKER ROD

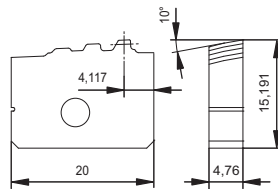


C/84063/2

C/28681

4.786-1

NKM 6TPI PIN Roughing N°1

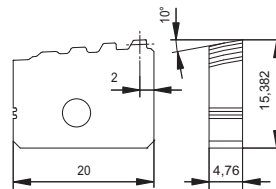


C/84063/2

C/28681

4.786-2

NKM 6TPI PIN Finishing N°2

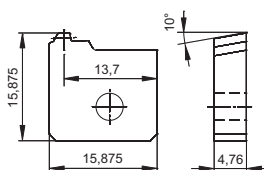


C/84063/2

C/28681

4.788

STT 6TPI PIN

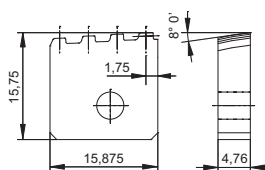


C/27525/1

C/27526

4.828

UPJ TUBING 3/2-4/2 PIN

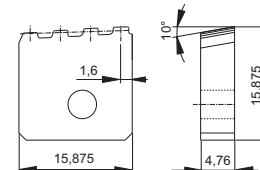


C/27525/1

C/27526

4.837

VAM TOP / VAM TOP HT 6TPI PIN



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C/27526

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

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11,5 TPI

139-140

14 TPI

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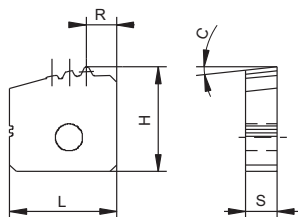
52-141

Shim seats

142-153

Chip
breakers

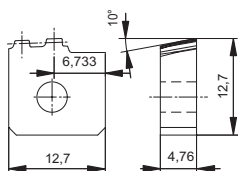
154-174



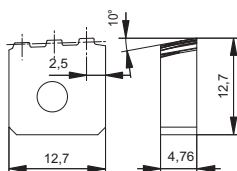
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
NEW VAM 6TPI PIN	4.875		●		12.7	12.7	6.733	4.76	10	2
NEW VAM 6TPI PIN Roughing	4.876		●		12.7	12.7	2.5	4.76	10	3
VAM FJL 6.35TPI 1/16 PIN	4.903		●		15.875	15.875	13	4.76	12	1
VAM FJL 6.35TPI PIN	4.905		●		15.875	15.875	13	4.76	12	1
VAM TOP 6TPI PIN Roughing	4.930		●		15.875	15.31	5.2	4.76	10	3
TMK-FMT 6TPI PIN	4.963		●		15.875	15.75	1.75	4.76	8	4
TMK-FMT 6TPI EXT N°1	4.973/1		●		17	14.085	3.61	5.2	10	3
TMK-FMT 6TPI EXT N°2	4.973/2		●		17	14.26	2.211	5.2	10	3
TMK-FMT 6TPI EXT N°3	4.973/3		●		17	14.406	0.7	5.2	10	4

4.875

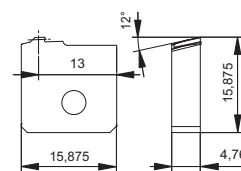
NEW VAM 6TPI PIN

**4.876**

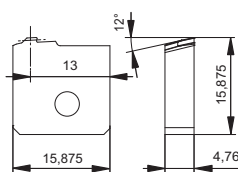
NEW VAM 6TPI PIN Roughing

**4.903**

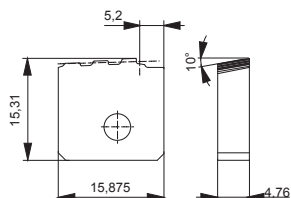
VAM FJL 6.35TPI 1/16 PIN

**4.905**

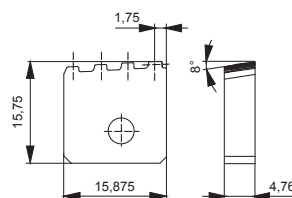
VAM FJL 6.35TPI PIN

**4.930**

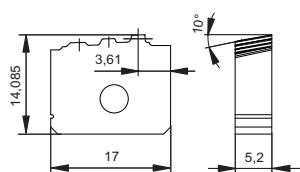
VAM TOP 6TPI PIN Roughing

**4.963**

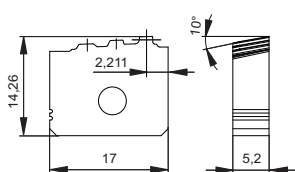
TMK-FMT 6TPI PIN

**4.973/1**

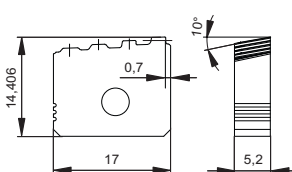
TMK-FMT 6TPI EXT N°1

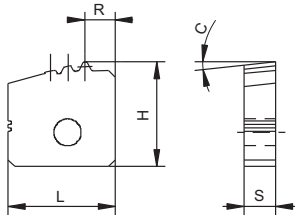
**4.973/2**

TMK-FMT 6TPI EXT N°2

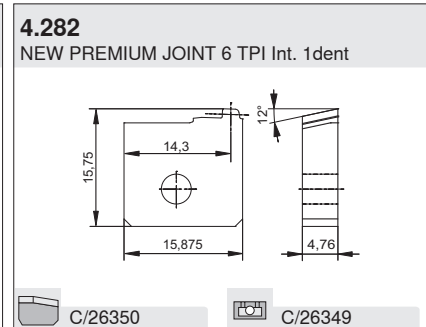
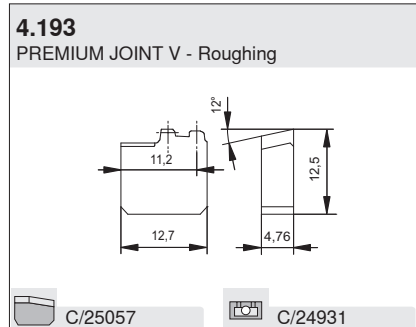
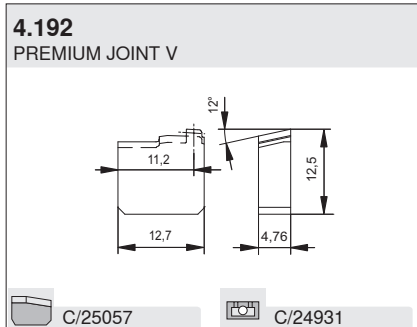
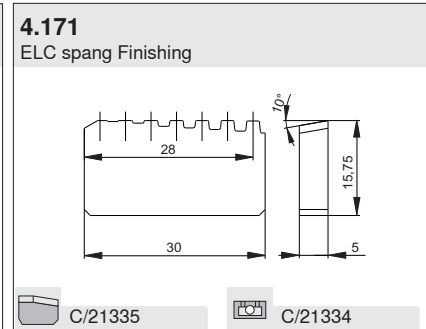
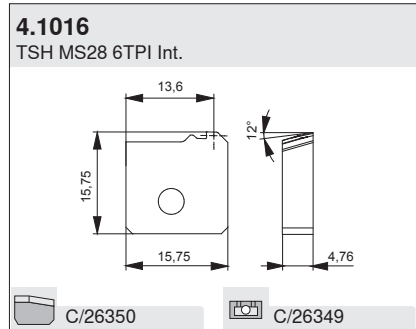
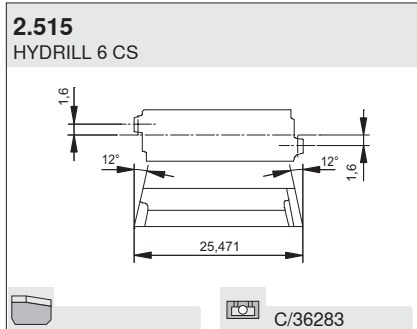
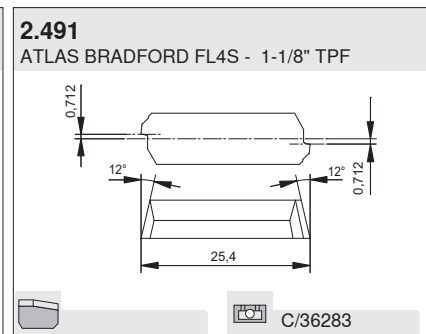
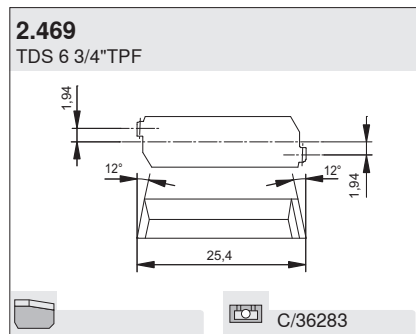
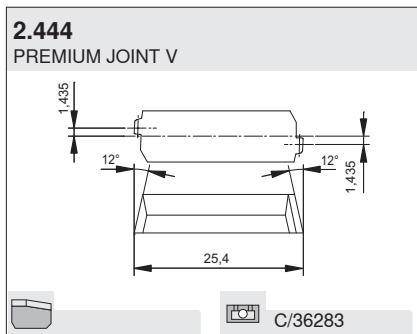
**4.973/3**

TMK-FMT 6TPI EXT N°3





Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
PREMIUM JOINT V	2.444	●			7.72	25.4	1.435	5.8	12	1
TDS 6 3/4"TPF	2.469		●		7.72	25.4	1.94	5.8	12	1
ATLAS BRADFORD FL4S - 1-1/8" TPF	2.491	●			7.72	25.4	0.712	5.8	12	1
HYDRILL 6 CS	2.515		●		7.72	25.4	1.6	5.8	12	1
TSH MS28 6TPI Int.	4.1016		●		15.75	15.75	13.6	4.76	12	1.5
ELC spang Finishing	4.171		●		30	15.75	28	5	10	7
PREMIUM JOINT V	4.192		●		12.7	12.5	11.2	4.76	12	1
PREMIUM JOINT V - Roughing	4.193		●		12.7	12.5	11.2	4.76	12	2
NEW PREMIUM JOINT 6 TPI Int. 1dent	4.282	●			15.875	15.75	14.3	4.76	12	1



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

6 TPI

Index

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Threading-
inserts

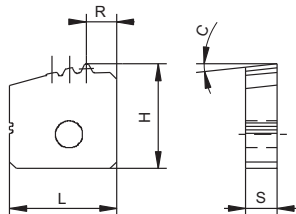
52-141

Shim seats

142-153

Chip
breakers

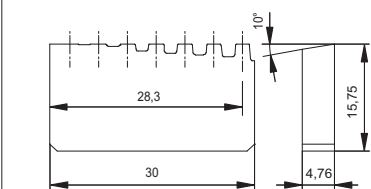
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
ELC	4.288		●		30	15.75	28.3	4.76	10	6
TDS 6 - 2 Cutting edges	4.314		●		15.75	15.75	10.85	4.76	12	1
PREMIUM JOINT	4.333	●			15.875	15.75	14.38	4.76	12	1
TSH PJD 6TPI Int.	4.345	●	●		15.75	15.75	14.15	4.76	10	1
TDS 6	4.366		●		15.75	15.75	13.8	4.76	12	1
TSH MS28 6TPI Int.	4.374	●			15.75	15.75	13.7	4.76	12	1
TSH MS 6TPI Int.	4.392	●	●		15.75	15.75	14	4.76	12	1
SPJD Super C 6TPI Int.	4.406	●			12.7	15.75	10.65	4.76	12	1
A-DMS	4.519	●	●	●	15.75	15.75	13.6	4.76	12	1

4.288

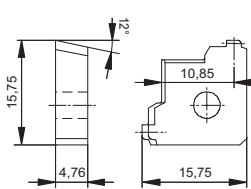
ELC



C/21334

4.314

TDS 6 - 2 Cutting edges



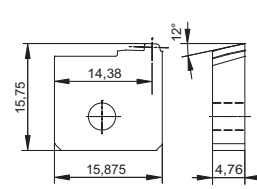
C/28264



C/28263

4.333

PREMIUM JOINT



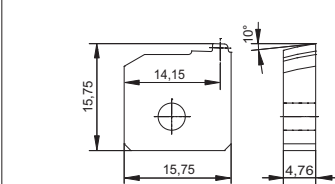
C/34098/2



C/36634

4.345

TSH PJD 6TPI Int.



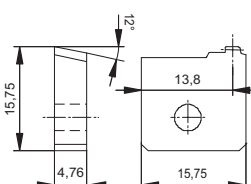
C/26350



C/26349

4.366

TDS 6



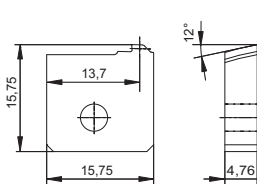
C/34098/2



C/26349

4.374

TSH MS28 6TPI Int.



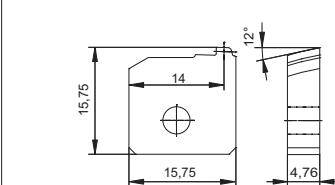
C/26350



C/26349

4.392

TSH MS 6TPI Int.



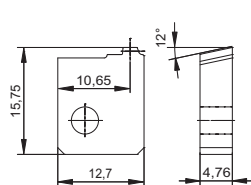
C/26350



C/26349

4.406

SPJD Super C 6TPI Int.



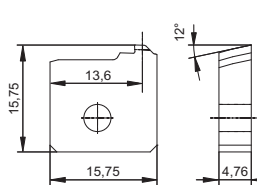
C/33842



C/33843

4.519

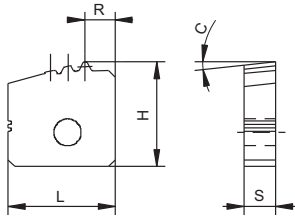
A-DMS



C/26350



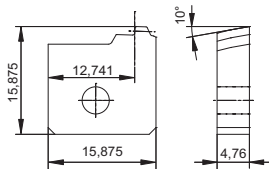
C/26349



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
AB-TC II 6TPI Int.	4.544	●			15.875	15.875	12.741	4.76	10	1
A.B. TC II - PULLING	4.545	●	●		15.875	15.875	12.741	4.76	10	2
A.B. TC4S	4.548	●			15.875	15.875	12.641	4.76	12	1
TSH MS 6TPI Int. Pulling	4.575	●	●		15.875	15.875	14.13	4.76	12	2
TSH MS28 6TPI Int. Pulling	4.579		●		15.875	15.875	13.82	4.76	12	2
A.B. TC4S - PULLING	4.581	●	●		15.875	15.875	12.642	4.76	12	2
PREMIUM JOINT V - PULLING	4.594		●		15.875	15.875	13.23	4.76	10	2
NEW PREMIUM JOINT V - PULLING	4.596	●			15.875	15.875	13.16	4.76	10	2
AB-NJO 6TPI 3/4"TPF Int. - Set (2)	4.600-1		●		15.875	15.875	12.5	4.76	12	1

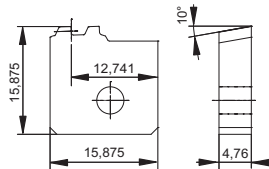
4.544

AB-TC II 6TPI Int.



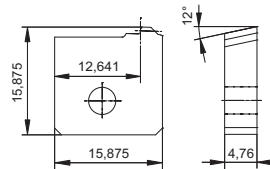
4.545

A.B. TC II - PULLING



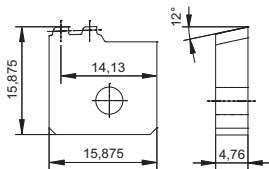
4.548

A.B. TC4S



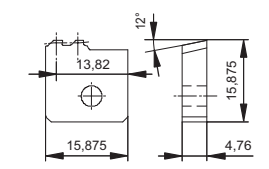
4.575

TSH MS 6TPI Int. Pulling



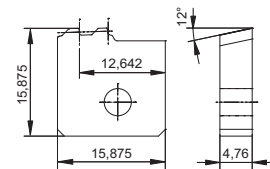
4.579

TSH MS28 6TPI Int. Pulling



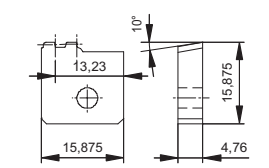
4.581

A.B. TC4S - PULLING



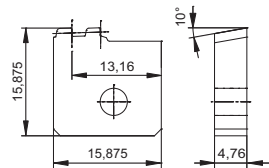
4.594

PREMIUM JOINT V - PULLING



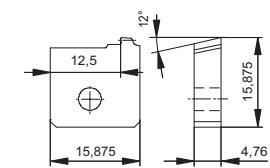
4.596

NEW PREMIUM JOINT V - PULLING



4.600-1

AB-NJO 6TPI 3/4"TPF Int. - Set (2)



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

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10 TPI

135-138

11,5 TPI

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14 TPI

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Internal threading inserts

6 TPI

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Threading-
inserts

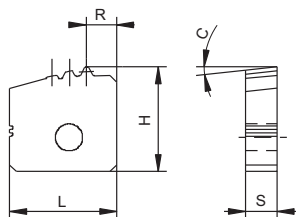
52-141

Shim seats

142-153

Chip
breakers

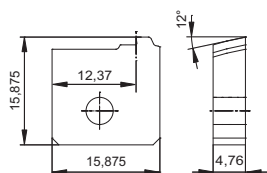
154-174



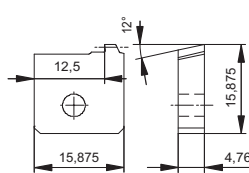
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
AB-NJO 6TPI 3/4"TPF (0.0445RH) Int. - Set (2)	4.600-2	●	●		15.875	15.875	12.37	4.76	12	1
AB-NJO 6TPI 3/4"TPF Int. - Set (2)	4.601-1		●		15.875	15.875	12.5	4.76	12	1
AB-NJO 6TPI 3/4"TPF (0.052RH) Int. - Set (2)	4.601-2	●	●		15.875	15.875	12.37	4.76	12	1
PREMIUM JOINT D - PULLING	4.609		●		15.875	15.875	13.13	4.76	10	2
PREMIUM JOINT V ACE	4.611		●		15.875	15.7	13	4.76	12	1
AB-HDL 6TPI 3/4"TPF (0.032RH) Int.	4.667		●		15.875	15.875	12.9	4.76	12	1
AB-RTS 6TPI Int.	4.688	●			12.7	15.75	9.36	4.76	12	1
VAM SLIJ-II	4.709	●			15.875	15.875	12.2	4.76	12	2
V.Special 6 TPI BOX	4.712	●			15.875	15.875	14.1	4.76	14	1

4.600-2

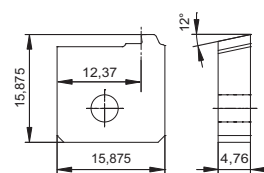
AB-NJO 6TPI 3/4"TPF (0.0445RH) Int. - Set (2)

**4.601-1**

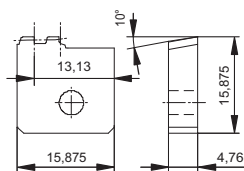
AB-NJO 6TPI 3/4"TPF Int. - Set (2)

**4.601-2**

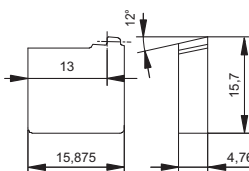
AB-NJO 6TPI 3/4"TPF (0.052RH) Int. - Set (2)

**4.609**

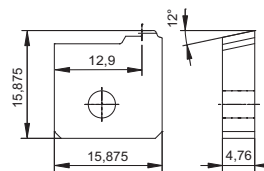
PREMIUM JOINT D - PULLING

**4.611**

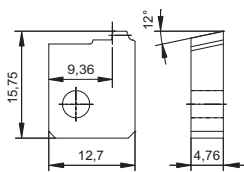
PREMIUM JOINT V ACE

**4.667**

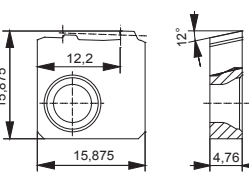
AB-HDL 6TPI 3/4"TPF (0.032RH) Int.

**4.688**

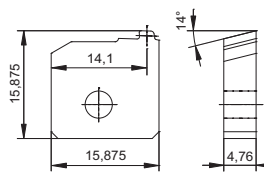
AB-RTS 6TPI Int.

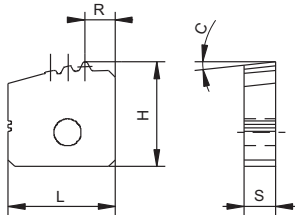
**4.709**

VAM SLIJ-II

**4.712**

V.Special 6 TPI BOX

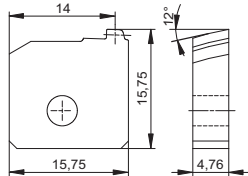




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS XT/XC 6TPI Int.	4.767	●	●		15.75	15.75	14	4.76	12	1
GOST NKM	4.770		●		15.875	15.875	9.5	4.76	10	2
TSH MS XT/XC 6TPI Int. Pulling	4.776	●	●		15.875	15.875	14.13	4.76	12	2
AB-ANJO 6TPI 3/4"TPF (0.0445RH) Int.	4.781	●	●		15.875	15.875	12.69	4.76	12	1
AB-ANJO 6TPI 3/4"TPF (0.052RH) Int.	4.782	●	●		15.875	15.875	12.73	4.76	12	1
STT 6TPI BOX	4.789		●		15.875	15.875	13.7	4.76	10	1
UPJ TUBING 3/2-4/2 BOX	4.829	●			15.875	15.75	14.38	4.76	12	1
VAM TOP TUBING 6TPI BOX ROUGHING	4.838		●		15.875	15.875	9.95	4.76	10	2
VAM TOP TUBING 6TPI BOX FINISHING	4.839		●		15.875	15.875	14.2	4.76	10	1

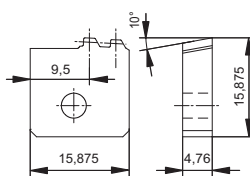
4.767

TSH MS XT/XC 6TPI Int.



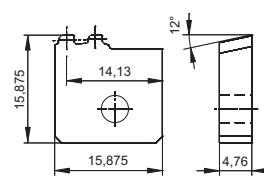
4.770

GOST NKM



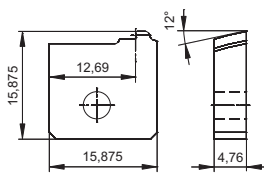
4.776

TSH MS XT/XC 6TPI Int. Pulling



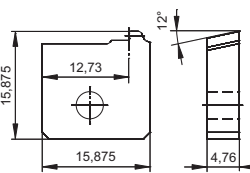
4.781

AB-ANJO 6TPI 3/4"TPF (0.0445RH) Int.



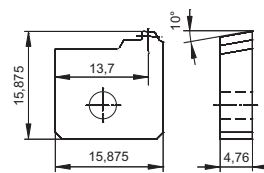
4.782

AB-ANJO 6TPI 3/4"TPF (0.052RH) Int.



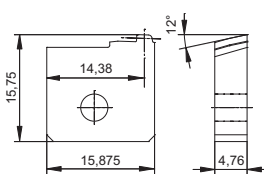
4.789

STT 6TPI BOX



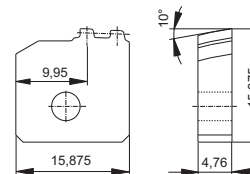
4.829

UPJ TUBING 3/2-4/2 BOX



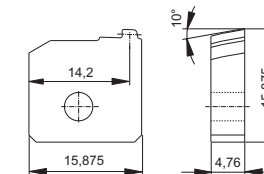
4.838

VAM TOP TUBING 6TPI BOX ROUGHING



4.839

VAM TOP TUBING 6TPI BOX FINISHING



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

6 TPI

Index

11-50

Threading-
inserts

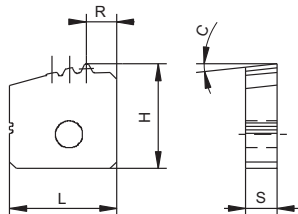
52-141

Shim seats

142-153

Chip
breakers

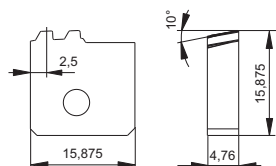
154-174



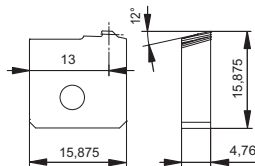
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
NKM 6TPI BOX PULLING	4.866		●		15.875	15.875	2.5	4.76	10	2
VAM FJL 6.35TPI 1/16 BOX	4.904		●		15.875	15.875	13	4.76	12	1
VAM FJL 6.35TPI BOX	4.906		●		15.875	15.875	13	4.76	12	1
VAM TOP HT 6TPI BOX	4.919		●		15.875	15.875	14	4.76	12	1
New Premium Joint V 6TPI Int - (Tooth and a 1/2)	4.921		●		15.875	15.75	14.5	4.76	12	1.5
JFE BEAR 6TPI 1/16 BOX	4.948		●		15.875	15.875	13.68	4.76	12	1
TMK-FMT 6TPI BOX	4.965		●		15.875	15.875	13.4	4.76	12	1

4.866

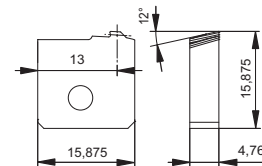
NKM 6TPI BOX PULLING

**4.904**

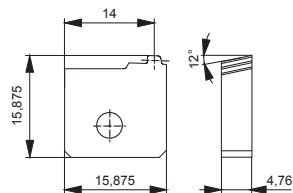
VAM FJL 6.35TPI 1/16 BOX

**4.906**

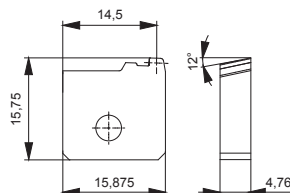
VAM FJL 6.35TPI BOX

**4.919**

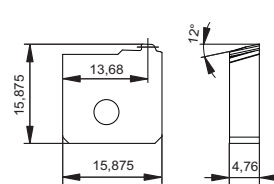
VAM TOP HT 6TPI BOX

**4.921**

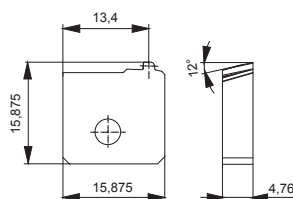
New Premium Joint V 6TPI Int - (Tooth and a 1/2)

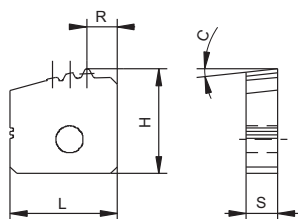
**4.948**

JFE BEAR 6TPI 1/16 BOX

**4.965**

TMK-FMT 6TPI BOX



[illegible]

4.755

VAM SLIJ-II

C/27525/1

C/82298

3 & 3.4 TPI

52-55

4 TPI

56-695 TPI70-1036 TPI104-1167 TPI117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

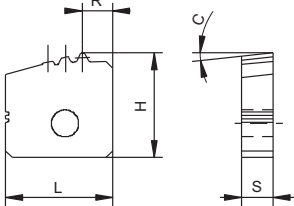
139-140

14 TPI

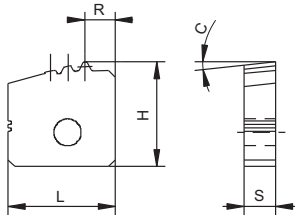
141



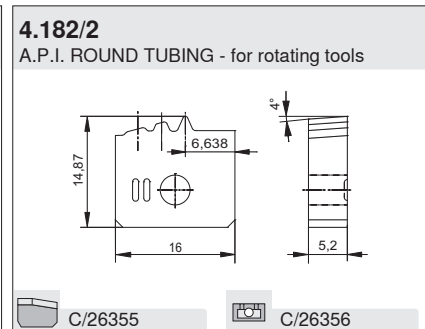
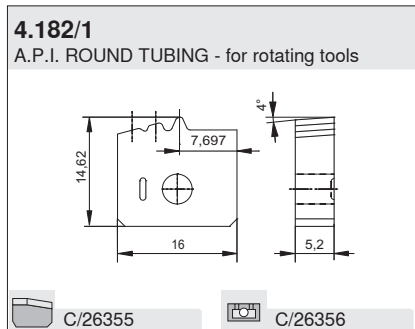
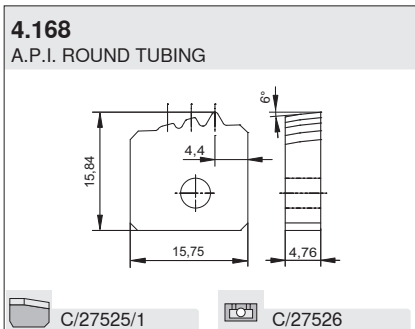
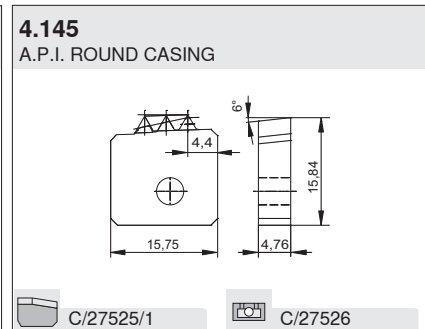
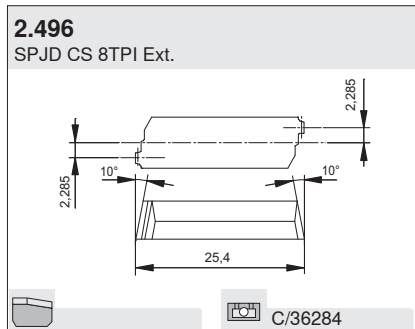
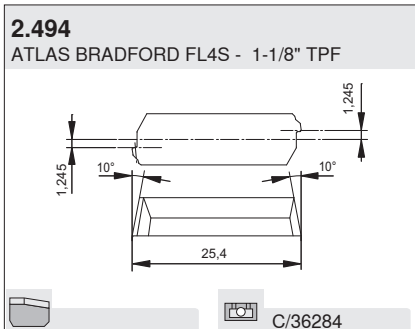
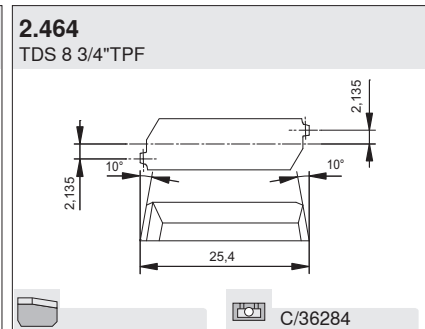
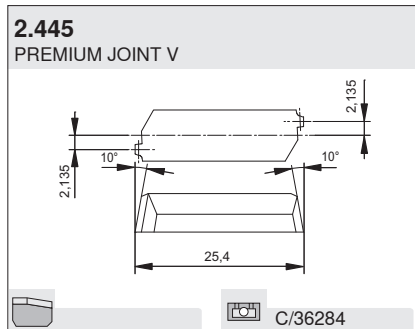
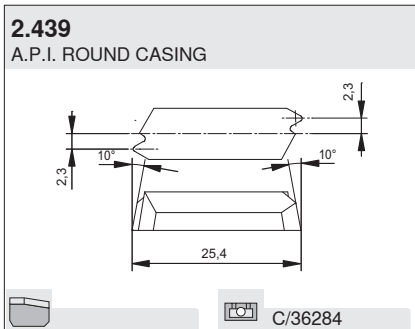
Internal threading inserts
7 TPI

Index										
11-50										
Threading-inserts										
52-141										
Shim seats										
142-153										
Chip breakers										
154-174										

Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
VAM SLIJ-II	4.754		●		15.875	15.875	12.7	4.76	12	2



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND CASING	2.439			●	7.72	25.4	2.3	5.8	10	1
PREMIUM JOINT V	2.445	●		●	7.72	25.4	2.135	5.8	10	1
TDS 8 3/4" TPF	2.464			●	7.72	25.4	2.135	5.8	10	1
ATLAS BRADFORD FL4S - 1-1/8" TPF	2.494		●		7.72	25.4	1.245	5.8	10	1
SPJD CS 8TPI Ext.	2.496			●	7.72	25.4	2.285	5.8	10	1
A.P.I. ROUND CASING	4.145	●	●		15.75	15.84	4.4	4.76	6	3
A.P.I. ROUND TUBING	4.168	●			15.75	15.84	4.4	4.76	6	3
A.P.I. ROUND TUBING - for rotating tools	4.182/1	●	●	●	16	14.62	7.697	5.2	4	3
A.P.I. ROUND TUBING - for rotating tools	4.182/2	●	●	●	16	14.87	6.638	5.2	4	3



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

8 TPI

Index

11-50

Threading-
inserts

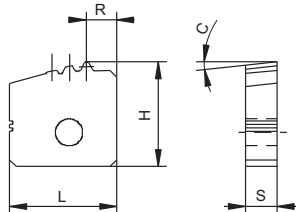
52-141

Shim seats

142-153

Chip
breakers

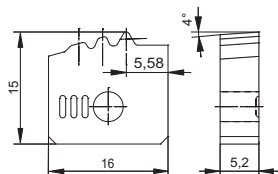
154-174



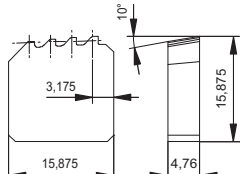
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND TUBING - for rotating tools	4.182/3	●	●	●	16	15	5.58	5.2	4	3
AMERICAN BUTTRESS 1/16	4.190		●		15.875	15.875	3.175	4.76	10	4
NEW PREMIUM JOINT V	4.194		●		15.875	15.75	4.4	4.76	8	3
PREMIUM JOINT V	4.218	●	●	●	15.875	15.75	3	4.76	8	4
TSH PJD 8TPI Ext.	4.231	●	●		15.75	15.75	11	4.76	6	2
TDS 8 - 2 Cutting edges	4.295	●			19.5	19.5	6.3	6.35	8	3
A.P.I. ROUND TUBING - 2 Cutting edges	4.308	●			19.5	19.5	7.25	6.35	6	3
A.P.I. ROUND CASING - Set for CERATIZIT Tooling	4.334-1	●	●		20	15.575	10.19	4.76	6	3
A.P.I. ROUND CASING - Set for CERATIZIT Tooling	4.334-2	●	●		20	15.875	8.6	4.76	6	3

4.182/3

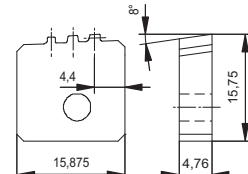
A.P.I. ROUND TUBING - for rotating tools

**4.190**

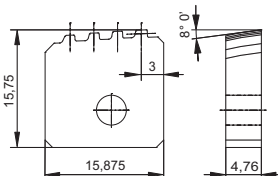
AMERICAN BUTTRESS 1/16

**4.194**

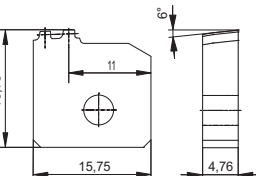
NEW PREMIUM JOINT V

**4.218**

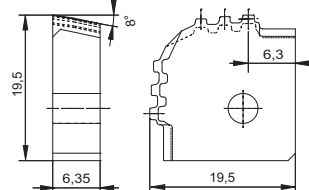
PREMIUM JOINT V

**4.231**

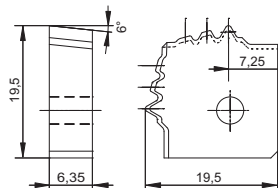
TSH PJD 8TPI Ext.

**4.295**

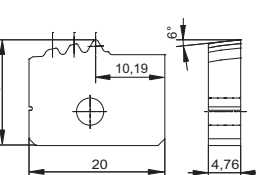
TDS 8 - 2 Cutting edges

**4.308**

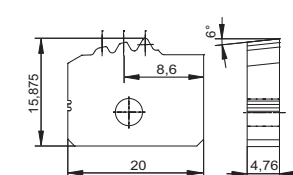
A.P.I. ROUND TUBING - 2 Cutting edges

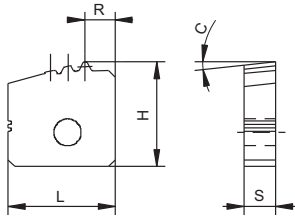
**4.334-1**

A.P.I. ROUND CASING - Set for CERATIZIT Tooling

**4.334-2**

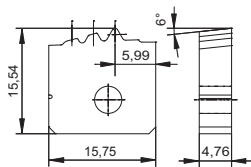
A.P.I. ROUND CASING - Set for CERATIZIT Tooling





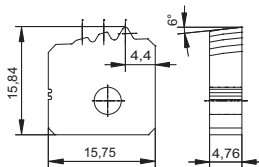
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	4.335-1	●	●		15.75	15.54	5.99	4.76	6	3
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	4.335-2	●	●		15.75	15.84	4.4	4.76	6	3
PREMIUM JOINT V	4.337		●		15.75	15.75	1.2	4.76	8	4
LINE PIPE - Set for rotating tools	4.351/1	●			16	14.61	7.697	5.2	4	3
LINE PIPE - Set for rotating tools	4.351/2		●		16	14.86	6.638	5.2	4	3
LINE PIPE - Set for rotating tools	4.351/3		●		16	15	5.58	5.2	4	3
A.P.I. ROUND 1/16 CASING - Roughing N°1	4.353/1		●		20	15.338	7.592	4.76	6	3
A.P.I. ROUND 1/16 CASING - Roughing N°2	4.353/2		●		20	15.514	7.063	4.76	6	3
A.P.I. ROUND 1/16 CASING - Roughing N°3	4.353/3		●		20	15.687	6.004	4.76	6	3

4.335-1
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling



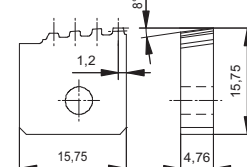
C/27525/1 C/27526

4.335-2
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling



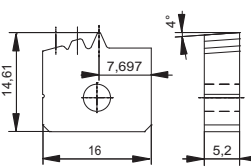
C/27525/1 C/27526

4.337
PREMIUM JOINT V



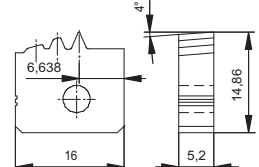
C/27525/1 C/27526

4.351/1
LINE PIPE - Set for rotating tools



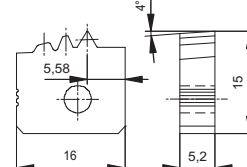
C/26355 C/26356

4.351/2
LINE PIPE - Set for rotating tools



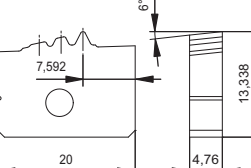
C/26355 C/26356

4.351/3
LINE PIPE - Set for rotating tools



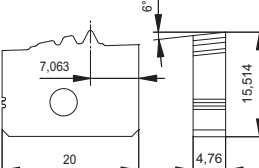
C/26355 C/26356

4.353/1
A.P.I. ROUND 1/16 CASING - Roughing N°1



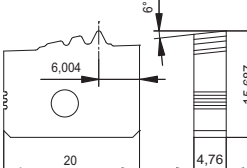
C/30855 C/28681

4.353/2
A.P.I. ROUND 1/16 CASING - Roughing N°2



C/30855 C/28681

4.353/3
A.P.I. ROUND 1/16 CASING - Roughing N°3



C/30855 C/28681

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

8 TPI

Index

11-50

Threading-
inserts

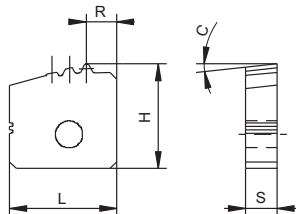
52-141

Shim seats

142-153

Chip
breakers

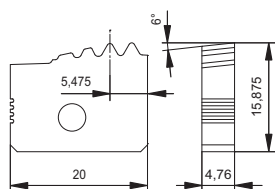
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND 1/16 CASING - Finishing N°4	4.353/4		●		20	15.875	5.475	4.76	6	4
USS SEAMLESS TUBING	4.356		●		15.875	15.875	6	4.76	6	3
TDS 8 - Set for rotating tools	4.370/1		●		17	13.964	4.282	5.2	10	2
TDS 8 - Set for rotating tools	4.370/2		●		17	14.147	3.223	5.2	10	2
TDS 8 - Set for rotating tools	4.370/3		●		17	14.28	2.165	5.2	10	3
TSH MS + MS XT/XC 8TPI Ext.	4.377	●	●		15.75	15.75	11	4.76	10	2
LINE PIPE - Set for rotating tools	4.398/1	●	●		16	15.24	7.697	5.2	4	3
LINE PIPE - Set for rotating tools	4.398/2	●	●		16	15.49	6.638	5.2	4	3
LINE PIPE - Set for rotating tools	4.398/3	●	●		16	15.63	5.58	5.2	4	3

4.353/4

A.P.I. ROUND 1/16 CASING - Finishing N°4

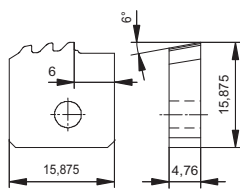


C/30855

C/28681

4.356

USS SEAMLESS TUBING

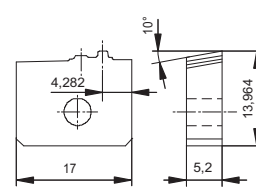


C/27525/1

C/27526

4.370/1

TDS 8 - Set for rotating tools

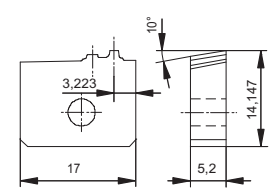


C/26355

C/26356

4.370/2

TDS 8 - Set for rotating tools

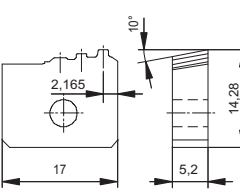


C/26355

C/26356

4.370/3

TDS 8 - Set for rotating tools

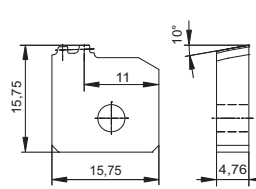


C/26355

C/26356

4.377

TSH MS + MS XT/XC 8TPI Ext.

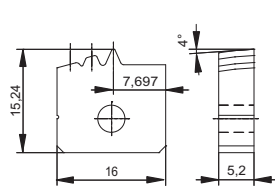


C/27525/2

C/27526

4.398/1

LINE PIPE - Set for rotating tools

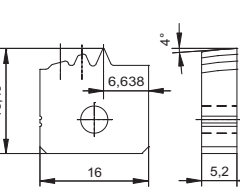


C/26355

C/26356

4.398/2

LINE PIPE - Set for rotating tools

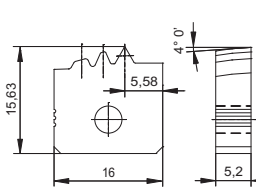


C/26355

C/26356

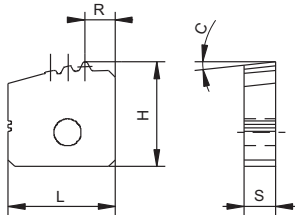
4.398/3

LINE PIPE - Set for rotating tools



C/26355

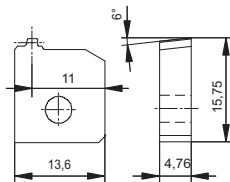
C/26356



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
PREMIUM JOINT D	4.404		●		13.6	15.75	11	4.76	6	1
LINE PIPE	4.414	●			15.875	15.875	2	4.76	6	4
AB-TC II 8TPI 3/4"TPF Ext.	4.504	●			15.875	15.875	1.206	4.76	10	4
USS SEAMLESS TUBING	4.528	●			20	15.875	3.8	4.76	12	5
USS SEAMLESS TUBING Set for Rotating tool	4.529/1	●	●		17	14.392	5.277	5.2	6	3
USS SEAMLESS TUBING Set for Rotating tool	4.529/2	●	●		17	14.515	4.178	5.2	6	3
USS SEAMLESS TUBING Set for Rotating tool	4.529/3	●	●		17	14.593	3.075	5.2	6	3
A.P.I. ROUND TUBING - 2 Cutting edges	4.536	●			15.875	15.875	4.4	4.76	6	3
PREMIUM JOINT - Set for CERATIZIT Tooling	4.541-1	●			15.75	15	3.088	4.76	8	3

4.404

PREMIUM JOINT D

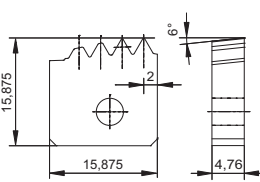


C/33844

C/33845

4.414

LINE PIPE

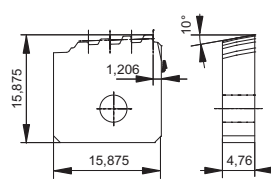


C/27525/1

C/27526

4.504

AB-TC II 8TPI 3/4"TPF Ext.

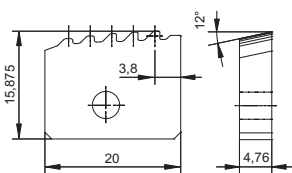


C/27525/1

C/27526

4.528

USS SEAMLESS TUBING

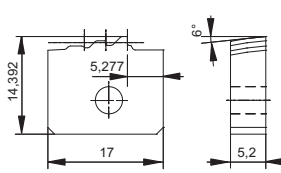


C/30855

C/28681

4.529/1

USS SEAMLESS TUBING Set for Rotating tool

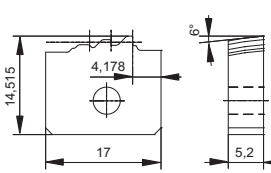


C/26355

C/26356

4.529/2

USS SEAMLESS TUBING Set for Rotating tool

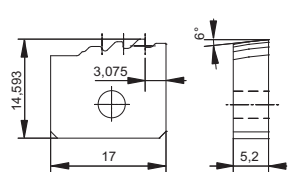


C/26355

C/26356

4.529/3

USS SEAMLESS TUBING Set for Rotating tool

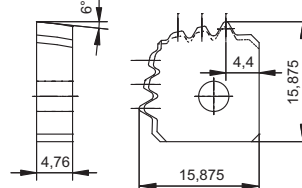


C/26355

C/26356

4.536

A.P.I. ROUND TUBING - 2 Cutting edges

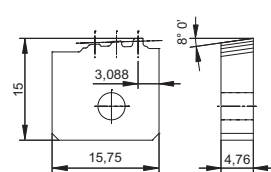


C/80388/1

C/80389

4.541-1

PREMIUM JOINT - Set for CERATIZIT Tooling



C/27525/1

C/27526

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

External threading inserts

8 TPI

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Threading-
inserts

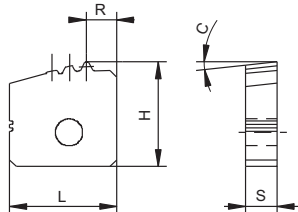
52-141

Shim seats

142-153

Chip
breakers

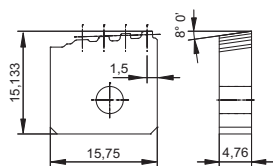
154-174



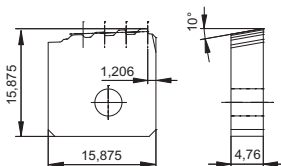
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
PREMIUM JOINT - Set for CERATIZIT Tooling	4.541-2	●			15.75	15.133	1.5	4.76	8	4
A.B. TC4S	4.559	●	●	●	15.875	15.875	1.206	4.76	10	4
TDS 8	4.569	●			15.875	15.875	6.3	4.76	8	3
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	4.604-1		●		15.875	15.875	13	4.76	12	1
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	4.604-2		●		15.875	15.875	12.88	4.76	12	1
TSH 3SB 8TPI Ext.	4.625	●	●		15.875	15.875	3.8	4.76	12	5
NPT (Roughing 4.398-1 et 4.398-2)	4.637/3	●	●		16	15.715	5.58	5.2	4	3
AB-RTS 8TPI Ext.	4.656	●	●	●	12.7	15.75	10.3	4.76	10	1
TSH MS 8TPI Ext. - Set (3)	4.692/1		●		17	14.189	3.239	5.2	10	3

4.541-2

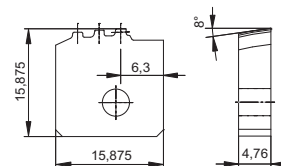
PREMIUM JOINT - Set for CERATIZIT Tooling

**4.559**

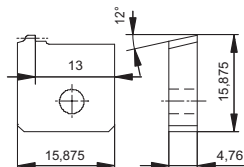
A.B. TC4S

**4.569**

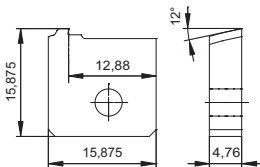
TDS 8

**4.604-1**

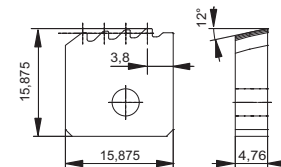
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling

**4.604-2**

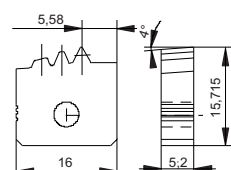
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling

**4.625**

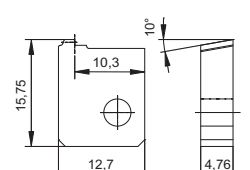
TSH 3SB 8TPI Ext.

**4.637/3**

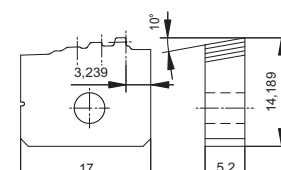
NPT (Roughing 4.398-1 et 4.398-2)

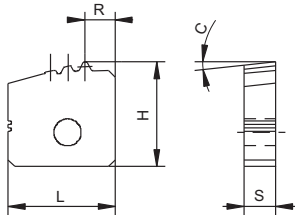
**4.656**

AB-RTS 8TPI Ext.

**4.692/1**

TSH MS 8TPI Ext. - Set (3)

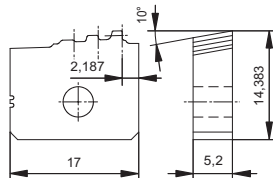




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS 8TPI Ext. - Set (3)	4.692/2		●		17	14.383	2.187	5.2	10	3
TSH MS 8TPI Ext. - Set (3)	4.692/3		●		17	14.52	1.03	5.2	10	3
TSH MS + MS XT/XC 8TPI Ext. - Set (2)	4.697-1	●	●		20	15.259	3.431	4.76	10	3
TSH MS + MS XT/XC 8TPI Ext. - Set (2)	4.697-2	●	●		20	15.412	1.843	4.76	10	4
NPT 8	4.715/1		●		15.875	15.477	6.387	4.76	7	3
NPT 8	4.715/2		●		15.875	15.631	5.594	4.76	7	3
NPT 8	4.715/3		●		15.875	15.875	4.8	4.76	7	3
NPT 8	4.715/4		●		15.875	15.263	7.181	4.76	7	3
INTERLOCK - (MO0585)	4.722		●		15.875	15.875	0.8	4.76	12	5

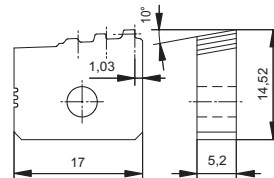
4.692/2

TSH MS 8TPI Ext. - Set (3)



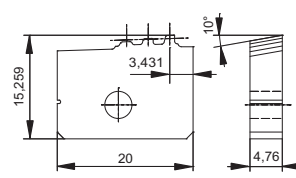
4.692/3

TSH MS 8TPI Ext. - Set (3)



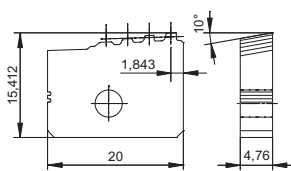
4.697-1

TSH MS + MS XT/XC 8TPI Ext. - Set (2)



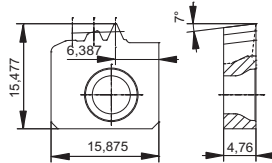
4.697-2

TSH MS + MS XT/XC 8TPI Ext. - Set (2)



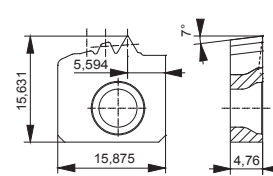
4.715/1

NPT 8



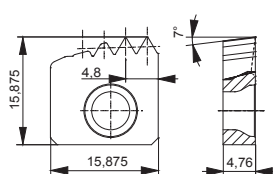
4.715/2

NPT 8



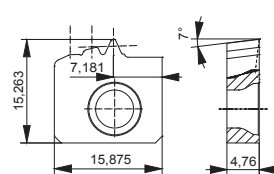
4.715/3

NPT 8



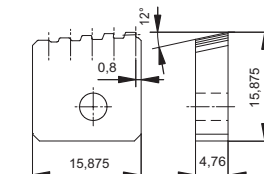
4.715/4

NPT 8



4.722

INTERLOCK - (MO0585)



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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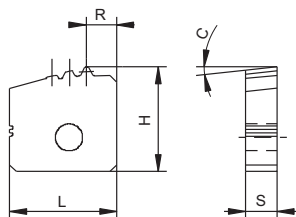
52-141

Shim seats

142-153

Chip
breakers

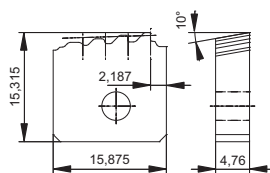
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH 3SB 8TPI Ext. - Set (2)	4.733-1		●		15.875	15.315	2.187	4.76	10	4
TSH 3SB 8TPI Ext. - Set (2)	4.733-2		●		15.875	15.42	0.6	4.76	10	5
A.P.I. ROUND TUBING Set for rotating tools	4.800/1	●			16	14.62	7.697	5.2	6	3
A.P.I. ROUND TUBING Set for rotating tools	4.800/2	●			16	14.867	6.638	5.2	6	3
A.P.I. ROUND TUBING Set for rotating tools	4.800/3	●			16	15	5.58	5.2	6	3
A.P.I. ROUND	4.808	●			15.75	15.84	4.4	4.76	8	3
A.P.I. ROUND	4.809	●			15.75	15.84	4.4	4.76	8	3
SUPERMAX 8TPI PIN	4.814		●		15.875	15.875	5.116	4.76	10	3
UPJ TUBING 2/8-2/8 PIN	4.826	●			15.875	15.75	3	4.76	8	4

4.733-1

TSH 3SB 8TPI Ext. - Set (2)



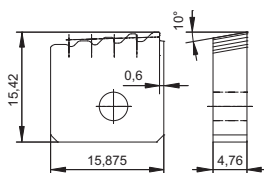
C/27525/1



C/27526

4.733-2

TSH 3SB 8TPI Ext. - Set (2)



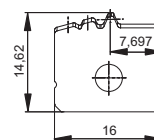
C/27525/1



C/27526

4.800/1

A.P.I. ROUND TUBING Set for rotating tools



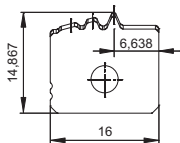
C/87267



C/26356

4.800/2

A.P.I. ROUND TUBING Set for rotating tools



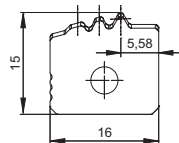
C/87267



C/26356

4.800/3

A.P.I. ROUND TUBING Set for rotating tools



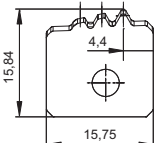
C/87267



C/26356

4.808

A.P.I. ROUND



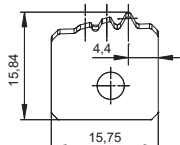
C/27525/1



C/27526

4.809

A.P.I. ROUND



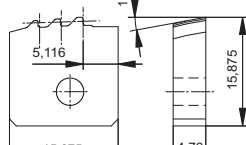
C/27525/1



C/27526

4.814

SUPERMAX 8TPI PIN



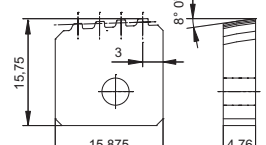
C/27525/1



C/27526

4.826

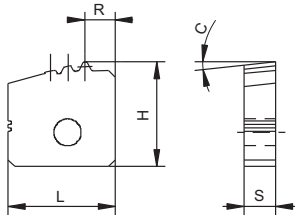
UPJ TUBING 2/8-2/8 PIN



C/27525/1

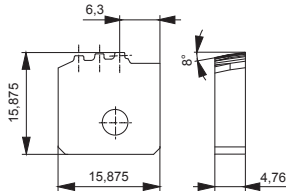


C/27526



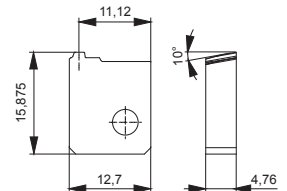
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BGT1 8TPI PIN	4.924		●		15.875	15.875	6.3	4.76	8	3
BGT8 8TPI PIN	4.925		●		12.7	15.875	11.12	4.76	10	1
VAM TOP 8TPI PIN	4.933		●		15.875	15.875	11	4.76	8	2
VAM TOP 8TPI PIN Roughing	4.934		●		15.875	15.87	4.6	4.76	8	4
A.P.I. ROUND TUBING - for rotating tools	4.935/1		●		16	14.62	7.697	5.2	4	3
A.P.I. ROUND TUBING - for rotating tools	4.935/2		●		16	14.87	6.638	5.2	4	3
A.P.I. ROUND TUBING - for rotating tools	4.935/3		●		16	15	5.58	5.2	4	3
BGT1 8TPI PIN N°1	4.941-1		●		15.875	15.77	4.088	4.76	6	3
BGT1 8TPI PIN N°2	4.941-2		●		15.875	15.875	2.5	4.76	6	4

4.924
BGT1 8TPI PIN



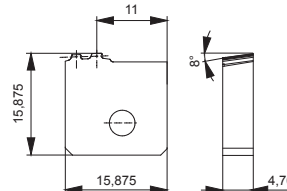
C/27525/1 C/27526

4.925
BGT8 8TPI PIN



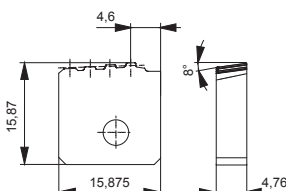
C/33844 C/84122

4.933
VAM TOP 8TPI PIN



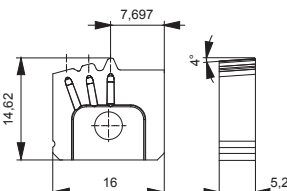
C/27525/1 C/27526

4.934
VAM TOP 8TPI PIN Roughing



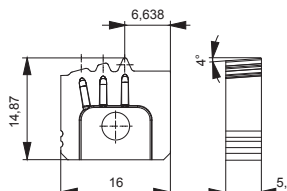
C/27525/1 C/27526

4.935/1
A.P.I. ROUND TUBING - for rotating tools



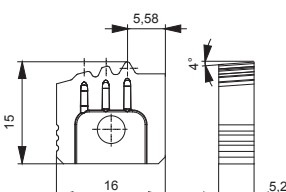
C/88930 C/26356

4.935/2
A.P.I. ROUND TUBING - for rotating tools



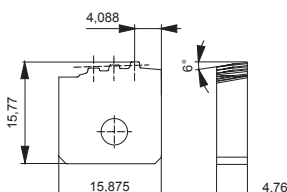
C/88930 C/26356

4.935/3
A.P.I. ROUND TUBING - for rotating tools



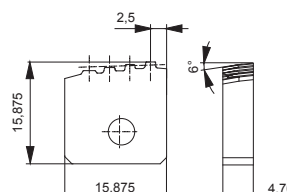
C/88930 C/26356

4.941-1
BGT1 8TPI PIN N°1



C/27525/1 C/27526

4.941-2
BGT1 8TPI PIN N°2



C/27525/1 C/27526

3 & 3.4 TPI

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4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

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10 TPI

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11,5 TPI

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14 TPI

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8 TPI

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Threading-
inserts

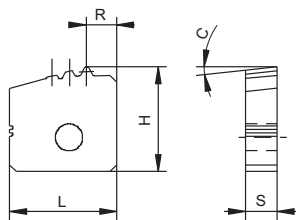
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Shim seats

142-153

Chip
breakers

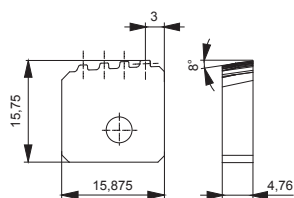
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Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TMK-FMT 8TPI PIN	4.962		●		15.875	15.75	3	4.76	8	4
A.P.I. ROUND TUBING - for rotating tools	4.966/3		●		16	15.05	5.58	5.2	4	3

4.962

TMK-FMT 8TPI PIN



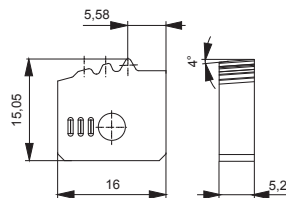
C/27525/1



C/27526

4.966/3

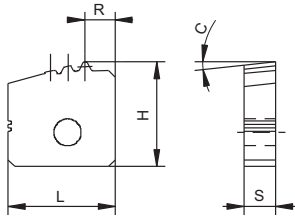
A.P.I. ROUND TUBING - for rotating tools



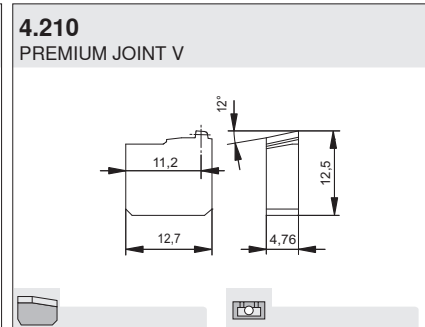
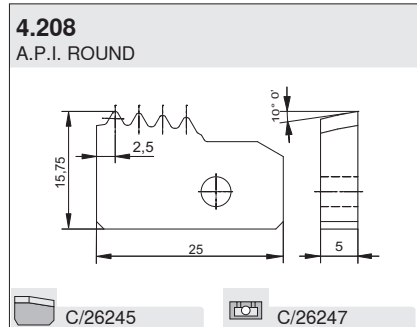
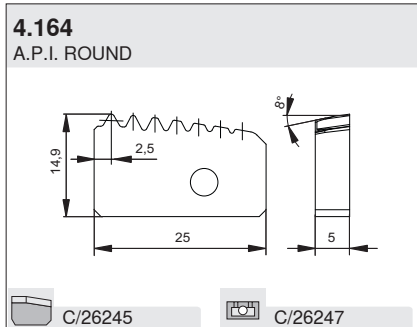
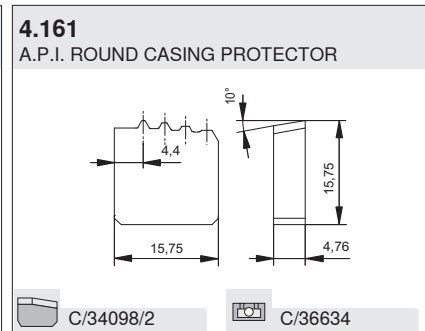
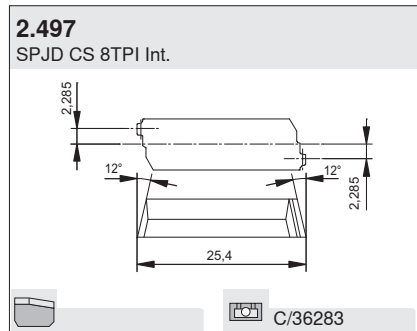
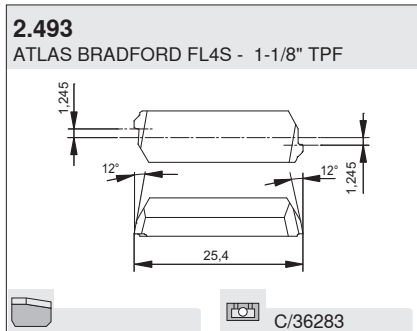
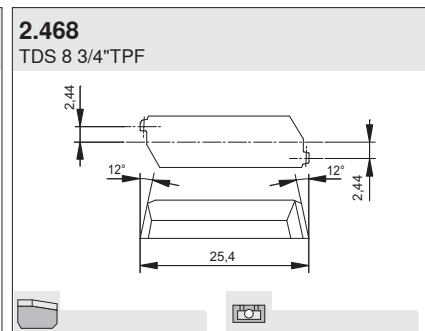
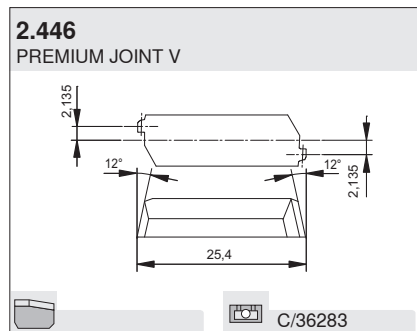
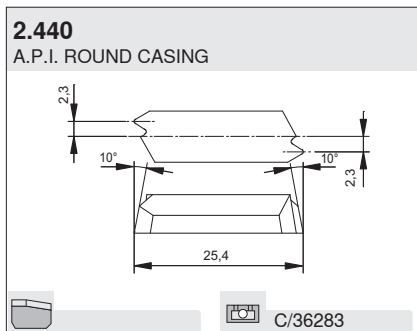
C/26355



C/26356



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND CASING	2.440			●	7.72	25.4	2.3	5.8	10	1
PREMIUM JOINT V	2.446	●			7.72	25.4	2.135	5.8	12	1
TDS 8 3/4" TPF	2.468		●		7.72	25.4	2.44	5.8	12	1
ATLAS BRADFORD FL4S - 1-1/8" TPF	2.493			●	7.72	25.4	1.245	5.8	12	1
SPJD CS 8TPI Int.	2.497			●	7.72	25.4	2.285	5.8	12	1
A.P.I. ROUND CASING PROTECTOR	4.161		●		15.75	15.75	4.4	4.76	10	4
A.P.I. ROUND	4.164	●	●	●	25	14.9	2.5	5	8	7
A.P.I. ROUND	4.208	●			25	15.75	2.5	5	10	4
PREMIUM JOINT V	4.210		●		12.7	12.5	11.2	4.76	12	1



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

8 TPI

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Threading-
inserts

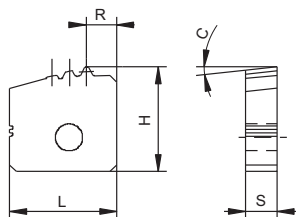
52-141

Shim seats

142-153

Chip
breakers

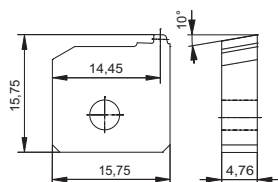
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH PJD 8TPI Int.	4.230	●	●		15.75	15.75	14.45	4.76	10	1
A.P.I. ROUND	4.233	●	●	●	25	15.875	2.5	5	8	7
A.P.I. ROUND	4.252		●		25	15.875	2.5	5	8	7
A.P.I. ROUND	4.253		●		25	14.9	2.5	5	8	7
NEW PREMIUM JOINT V	4.263	●			15.875	15.75	14.375	4.76	12	1
TDS 8 - 2 Cutting edges	4.297		●		15.75	15.75	11.1	4.76	10	1
PREMIUM JOINT	4.327		●		15.75	15.75	11	4.76	10	2
A.P.I. ROUND	4.330	●	●	●	15.875	15.75	4.2	4.76	10	4
PREMIUM JOINT	4.331	●			15.875	15.75	14.375	4.76	12	1

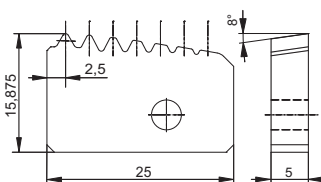
4.230

TSH PJD 8TPI Int.


 C/26350

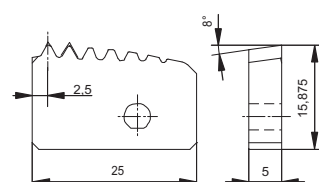
 C/26349
4.233

A.P.I. ROUND


 C/26245

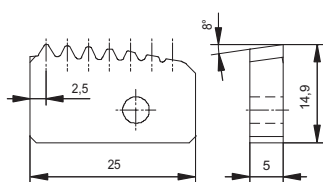
 C/26247
4.252

A.P.I. ROUND


 C/26245

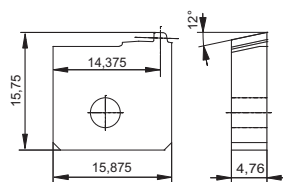
 C/26247
4.253

A.P.I. ROUND


 C/26245

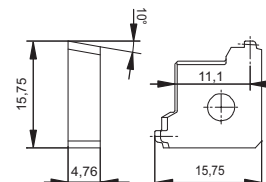
 C/26247
4.263

NEW PREMIUM JOINT V


 C/26350

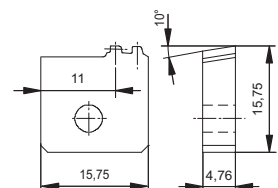
 C/26349
4.297

TDS 8 - 2 Cutting edges


 C/28264

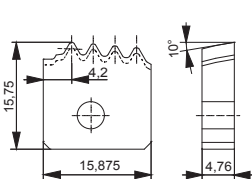
 C/28263
4.327

PREMIUM JOINT


 C/26350

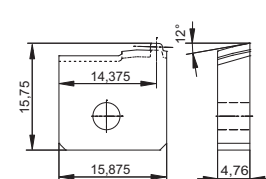
 C/29813
4.330

A.P.I. ROUND

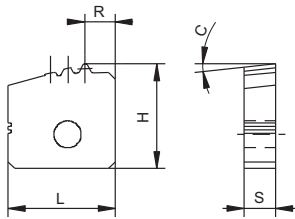

 C/34098/2

 C/36634
4.331

PREMIUM JOINT

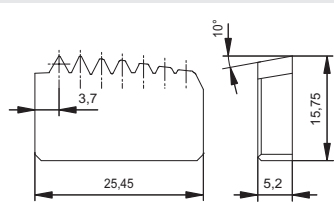

 C/34098/2

 C/36634



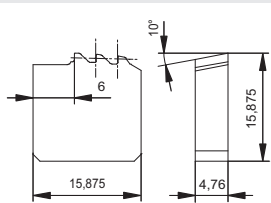
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
Cylindrical round thread	4.355		●		25.45	15.75	3.7	5.2	10	7
USS SEAMLESS TUBING	4.358		●		15.875	15.875	6	4.76	10	3
TDS 8	4.362	●	●	●	15.75	15.75	13.8	4.76	10	1
A.P.I. ROUND - PULLING	4.373	●	●		25	15.875	2.5	5	8	7
TSH MS 8TPI Int.	4.376	●	●		15.75	15.75	14.25	4.76	12	1
LINE PIPE	4.399	●			25	15.875	2.5	5	10	7
A.P.I. ROUND	4.488	●			25	15.875	2.5	5	10	7
TSH 3SB 8TPI Int.	4.489	●	●	●	15.875	15.875	12.88	4.76	10	1.5
A.P.I. ROUND - PULLING	4.500	●			25	15.875	2.5	5	10	7

4.355
Cylindrical round thread



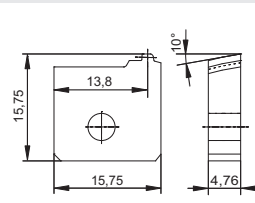
C/26245 C/26247

4.358
USS SEAMLESS TUBING



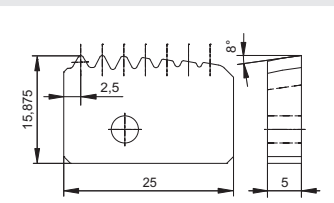
C/34098/2 C/36634

4.362
TDS 8



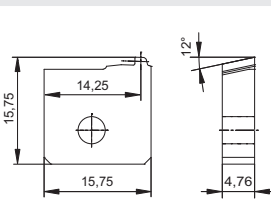
C/34098/2 C/26349

4.373
A.P.I. ROUND - PULLING



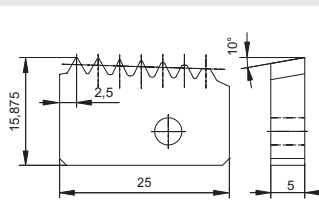
C/26245 C/28112

4.376
TSH MS 8TPI Int.



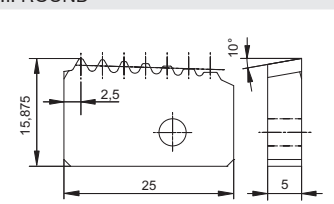
C/26350 C/26349

4.399
LINE PIPE



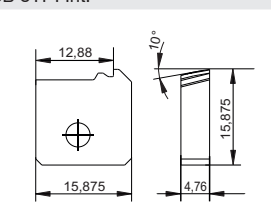
C/26245 C/26247

4.488
A.P.I. ROUND



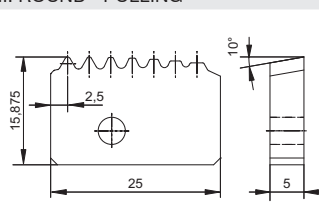
C/26245 C/26247

4.489
TSH 3SB 8TPI Int.



C/28867/1 C/35808

4.500
A.P.I. ROUND - PULLING



C/26245 C/28112

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

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Internal threading inserts

8 TPI

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Threading-
inserts

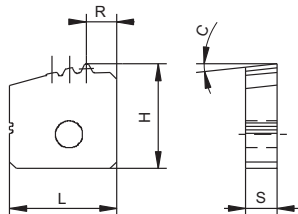
52-141

Shim seats

142-153

Chip
breakers

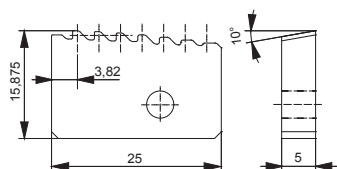
154-174



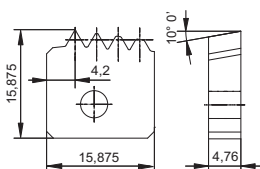
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
USS SEAMLESS TUBING	4.522	●			25	15.875	3.82	5	10	7
LINE PIPE	4.527	●		●	15.875	15.875	4.2	4.76	10	4
AB-TC II 8TPI Int.	4.534	●			15.875	15.875	13.506	4.76	10	1
A.B. TC II - PULLING	4.535	●			15.875	15.875	13.206	4.76	10	2
PREMIUM JOINT VAGT SP	4.546	●			15.875	15.875	5	4.76	12	4
A.B. TC4S	4.547	●			15.875	15.875	13.206	4.76	12	1
TSH MS 8TPI Int. Pulling	4.576		●		15.875	15.875	14.355	4.76	12	2
A.B. TC4S - PULLING	4.580		●		15.875	15.875	13.206	4.76	12	2
TKC	4.582	●			15.75	15.65	13.206	4.76	10	1

4.522

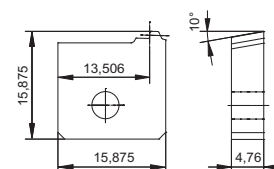
USS SEAMLESS TUBING

**4.527**

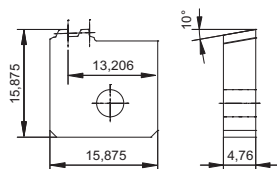
LINE PIPE

**4.534**

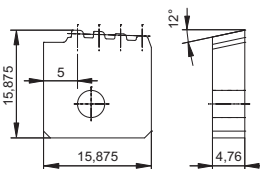
AB-TC II 8TPI Int.

**4.535**

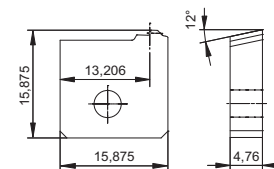
A.B. TC II - PULLING

**4.546**

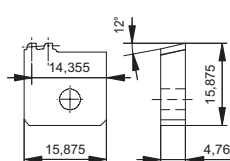
PREMIUM JOINT VAGT SP

**4.547**

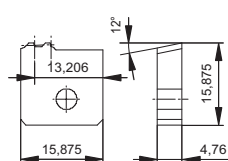
A.B. TC4S

**4.576**

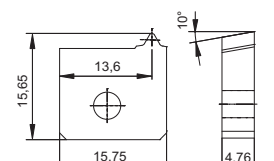
TSH MS 8TPI Int. Pulling

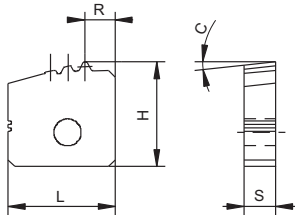
**4.580**

A.B. TC4S - PULLING

**4.582**

TKC

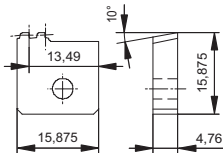




Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
PREMIUM JOINT V - PULLING	4.595		●		15.875	15.875	13.49	4.76	10	2
NEW PREMIUM JOINT V - PULLING	4.597	●			15.875	15.875	13.49	4.76	10	2
NEW PREMIUM JOINT V - 2 Cutting edges	4.598		●		15.75	15.75	11.3	4.76	12	1
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	4.599-1		●		15.875	15.875	13	4.76	12	1
A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling	4.599-2		●		15.875	15.875	12.88	4.76	12	1
PREMIUM JOINT D - PULLING	4.610		●		15.875	15.875	13.67	4.76	10	2
USS SEAMLESS	4.626	●			15.875	15.875	3.82	4.76	6	4
AB-RTS 8TPI Int.	4.657	●	●	●	12.7	15.75	10.3	4.76	12	1
TSH 3SB 8TPI Int. Pulling	4.725	●			15.875	15.875	13	4.76	10	2

4.595

PREMIUM JOINT V - PULLING

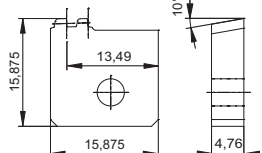


C/99313

C/29624

4.597

NEW PREMIUM JOINT V - PULLING

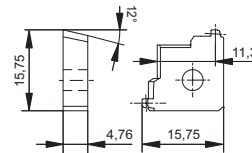


C/99313

C/29624

4.598

NEW PREMIUM JOINT V - 2 Cutting edges

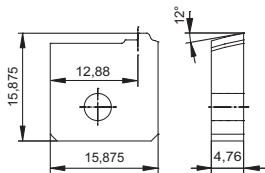


C/26350

C/28263

4.599-1

A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling

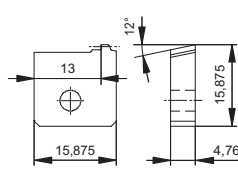


C/26350

C/26349

4.599-2

A.B. NJO 0,5" TPF - Set for CERATIZIT Tooling

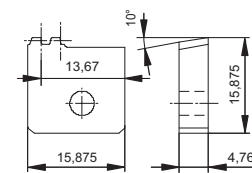


C/26350

C/26349

4.610

PREMIUM JOINT D - PULLING

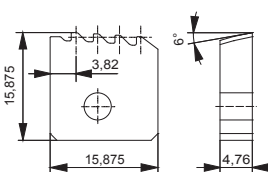


C/99313

C/29624

4.626

USS SEAMLESS

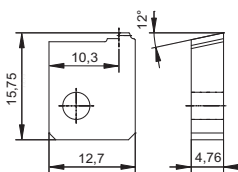


C/34098/2

C/36634

4.657

AB-RTS 8TPI Int.

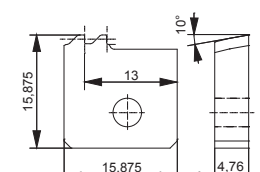


C/33842

C/33843

4.725

TSH 3SB 8TPI Int. Pulling



C/99313

C/29624

3 & 3.4 TPI

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4 TPI

56-69

5 TPI

70-103

6 TPI

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7 TPI

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10 TPI

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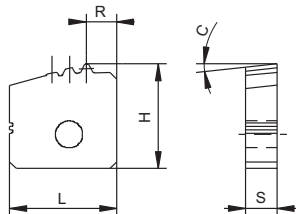
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Shim seats

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Chip
breakers

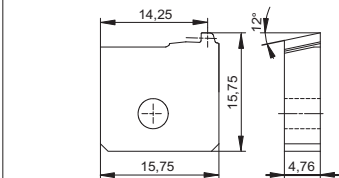
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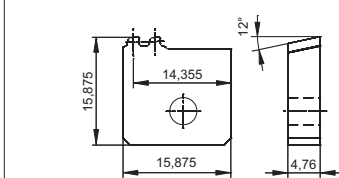
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
TSH MS XT/XC 8TPI Int.	4.769	●	●		15.75	15.75	14.25	4.76	12	1
TSH MS XT/XC 8TPI Int. Pulling	4.777	●	●		15.875	15.875	14.355	4.76	12	2
A.B. A.NJO	4.779		●		15.875	15.875	13.16	4.76	12	1
SUPERMAX 8TPI BOX	4.813		●		15.875	15.875	5.116	4.76	12	3
UPJ TUBING 2/8-2/8 BOX	4.827	●			15.875	15.75	14.375	4.76	12	1
BGT8 8TPI BOX	4.927		●		15.875	15.875	12	4.76	12	1
VAM TOP 8TPI BOX	4.943		●		15.875	15.875	14	4.76	12	1
TMK-FMT 8TPI BOX	4.964		●		15.875	15.875	13.4	4.76	12	1

4.769

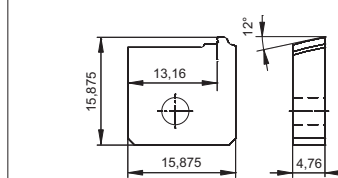
TSH MS XT/XC 8TPI Int.

**4.777**

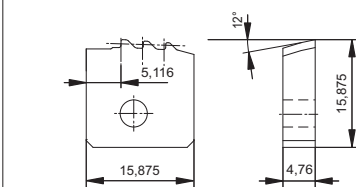
TSH MS XT/XC 8TPI Int. Pulling

**4.779**

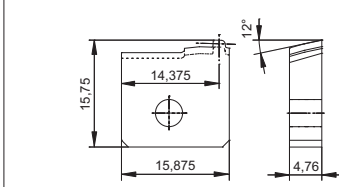
A.B. A.NJO

**4.813**

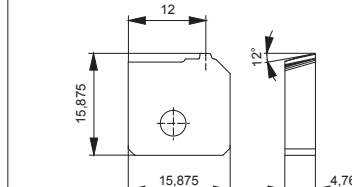
SUPERMAX 8TPI BOX

**4.827**

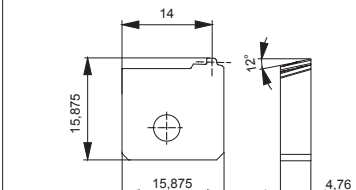
UPJ TUBING 2/8-2/8 BOX

**4.927**

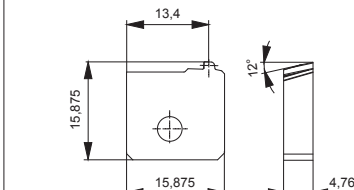
BGT8 8TPI BOX

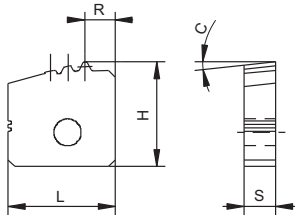
**4.943**

VAM TOP 8TPI BOX

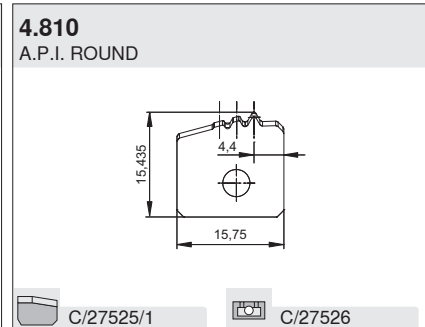
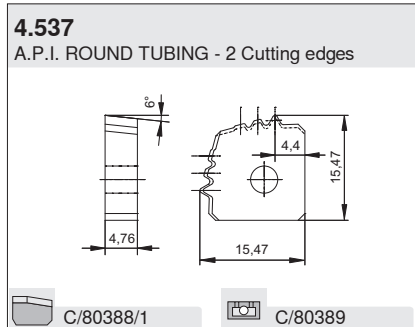
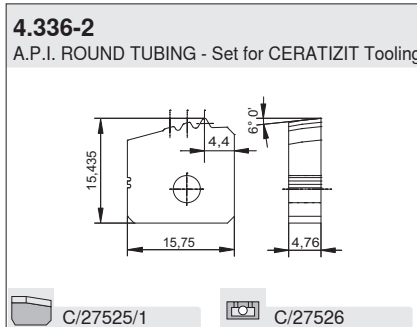
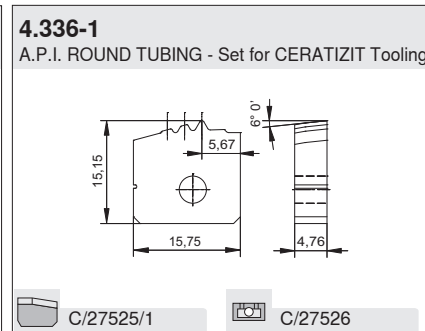
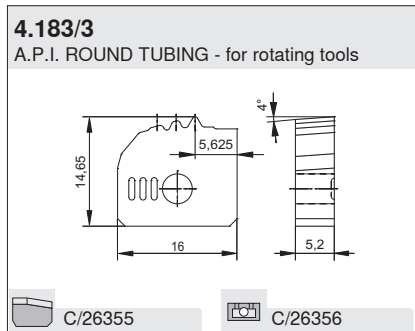
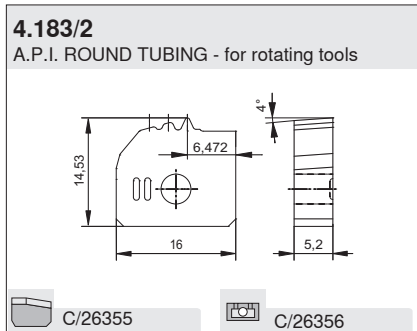
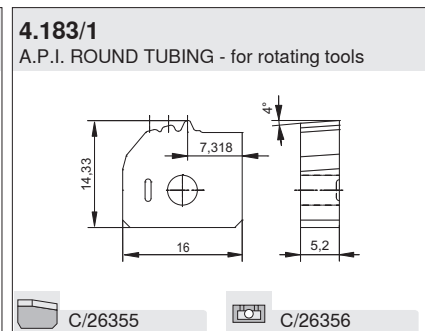
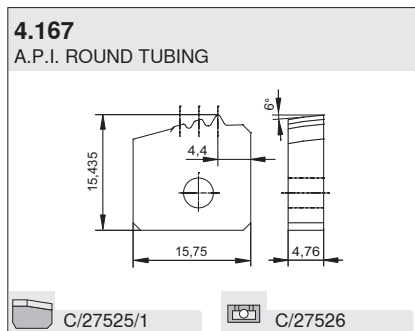
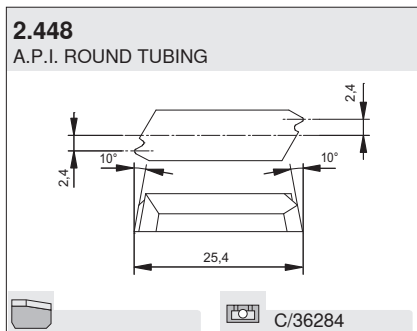
**4.964**

TMK-FMT 8TPI BOX





Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND TUBING	2.448			●	7.72	25.4	2.4	5.8	10	1
A.P.I. ROUND TUBING	4.167	●			15.75	15.435	4.4	4.76	6	3
A.P.I. ROUND TUBING - for rotating tools	4.183/1	●	●		16	14.33	7.318	5.2	4	3
A.P.I. ROUND TUBING - for rotating tools	4.183/2	●	●		16	14.53	6.472	5.2	4	3
A.P.I. ROUND TUBING - for rotating tools	4.183/3	●	●		16	14.65	5.625	5.2	4	3
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	4.336-1	●	●		15.75	15.15	5.67	4.76	6	3
A.P.I. ROUND TUBING - Set for CERATIZIT Tooling	4.336-2	●	●		15.75	15.435	4.4	4.76	6	3
A.P.I. ROUND TUBING - 2 Cutting edges	4.537	●			15.47	15.47	4.4	4.76	6	3
A.P.I. ROUND	4.810		●		15.75	15.435	4.4	4.76	8	3



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

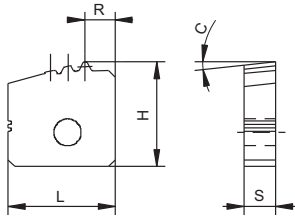
11,5 TPI

139-140

14 TPI

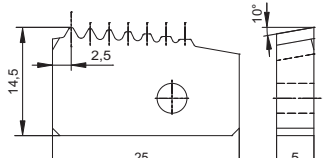
141

[illegible]



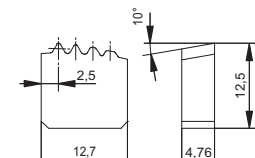
Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
A.P.I. ROUND TUBING	4.163	●	●	●	25	14.5	2.5	5	10	7
A.P.I. ROUND TUBING	4.204		●		12.7	12.5	2.5	4.76	10	4
AMERICAN BUTTRESS 10 TPI BOX	4.289	●			28.574	15.748	2.514	5.08	10	10
A.P.I. ROUND TUBING	4.324	●			15.75	15.75	5.7	4.76	10	4
A.P.I. ROUND TUBING	4.325	●			25	15.475	2.5	5	10	7
A.P.I. ROUND TUBING - PULLING	4.340	●			25	15.875	2.5	5	10	7
A.P.I. ROUND TUBING	4.460		●		15.75	15.75	5	4.76	10	5
A.P.I. ROUND TUBING (BC)	4.501	●			15.75	15.75	5.7	4.76	15	3
A.P.I. ROUND	4.804	●			25	15.475	2.5	5	10	7

4.163
A.P.I. ROUND TUBING



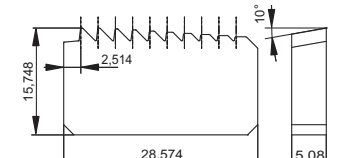
C/26245 C/26247

4.204
A.P.I. ROUND TUBING



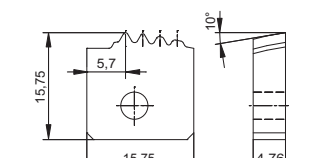
C/25057 C/24931

4.289
AMERICAN BUTTRESS 10 TPI BOX



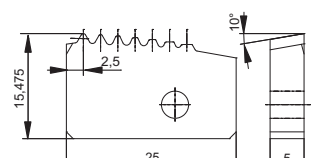
C/21334

4.324
A.P.I. ROUND TUBING



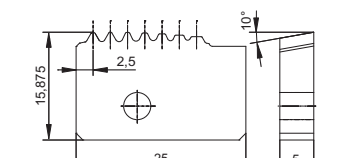
C/34098/2 C/36634

4.325
A.P.I. ROUND TUBING



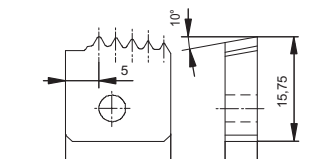
C/26245 C/26247

4.340
A.P.I. ROUND TUBING - PULLING



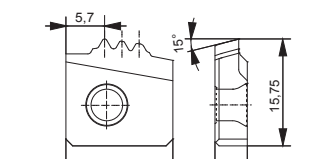
C/26245 C/28112

4.460
A.P.I. ROUND TUBING



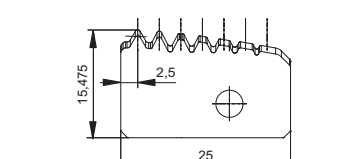
C/34098/2 C/26704

4.501
A.P.I. ROUND TUBING (BC)



C/36634

4.804
A.P.I. ROUND



C/26245 C/26247

3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

10 TPI

Index

11-50

Threading-
inserts

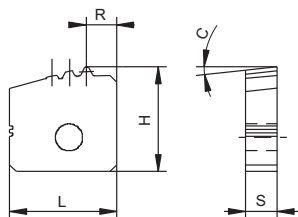
52-141

Shim seats

142-153

Chip
breakers

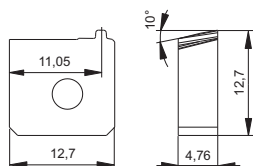
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
BOMBEO PREMIUM 10TPI BOX	4.867		●		12.7	12.7	11.05	4.76	10	1

4.867

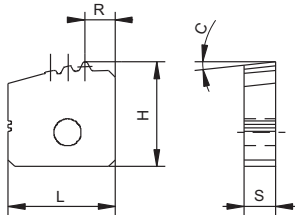
BOMBEO PREMIUM 10TPI BOX



C/33842



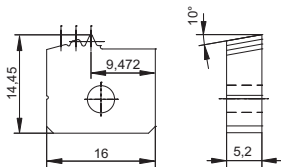
C/87785



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
LINE PIPE - Set for rotating tools	4.565/1	●			16	14.45	9.472	5.2	10	3
LINE PIPE - Set for rotating tools	4.565/2	●			16	14.619	8.736	5.2	10	3
LINE PIPE - Set for rotating tools	4.565/3	●			16	14.793	8	5.2	10	3
NPT (Roughing 4.565-1 et 4.565-2)	4.636/3	●			16	14.826	8	5.2	10	3
NPT 11,5 - 1	4.653/1		●	●	12.7	12.39	3.467	6.35	7	3
NPT 11,5 - 2	4.653/2		●	●	12.7	12.533	2.914	6.35	7	3
NPT 11,5 - 4	4.653/3		●	●	12.7	12.5	3.153	6.35	7	4
NPT 11,5 - 4	4.653/4		●	●	12.7	12.268	4.019	6.35	7	3

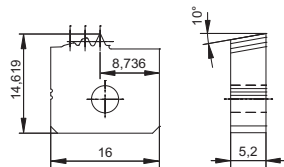
4.565/1

LINE PIPE - Set for rotating tools



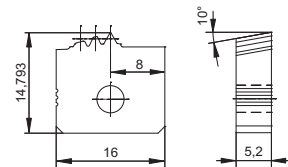
4.565/2

LINE PIPE - Set for rotating tools



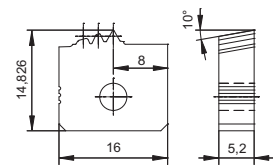
4.565/3

LINE PIPE - Set for rotating tools



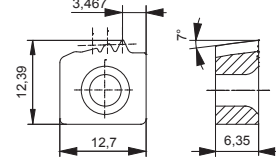
4.636/3

NPT (Roughing 4.565-1 et 4.565-2)



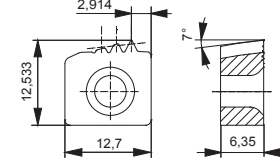
4.653/1

NPT 11,5 - 1



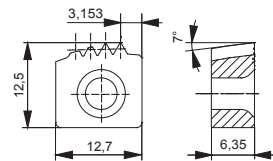
4.653/2

NPT 11,5 - 2



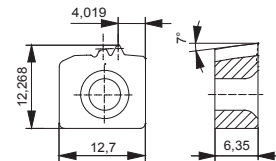
4.653/3

NPT 11,5 - 4



4.653/4

NPT 11,5 - 4



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Internal threading inserts

11,5 TPI

Index

11-50

Threading-
inserts

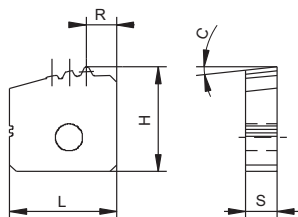
52-141

Shim seats

142-153

Chip
breakers

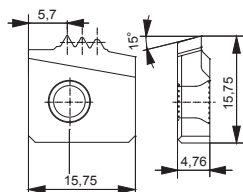
154-174



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
LINE PIPE (BC)	4.526	●			15.75	15.75	5.7	4.76	15	3

4.526

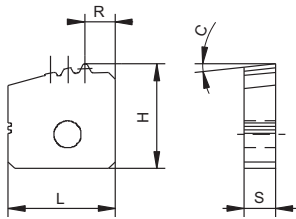
LINE PIPE (BC)



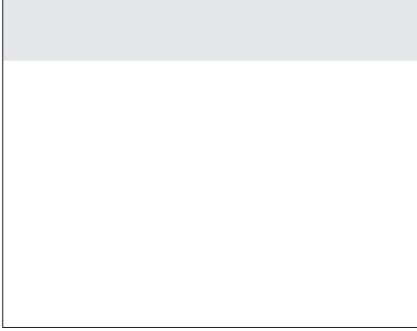
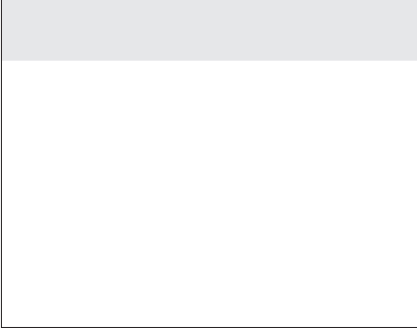
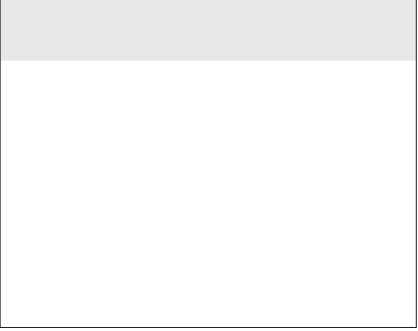
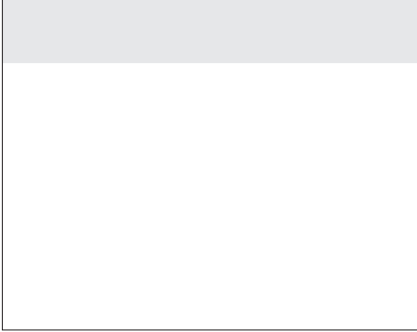
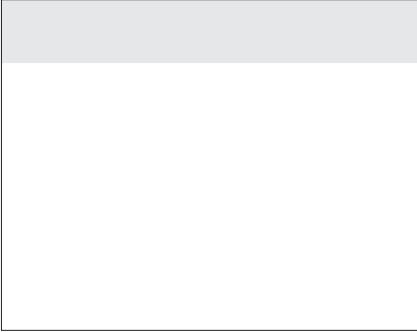
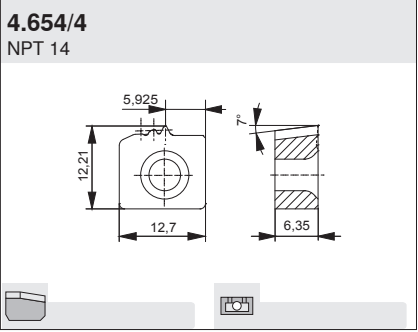
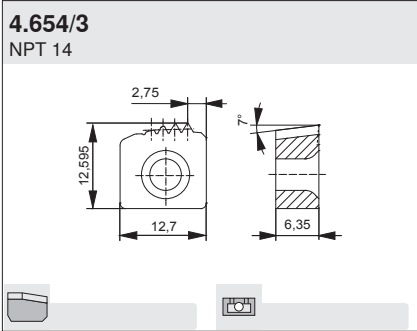
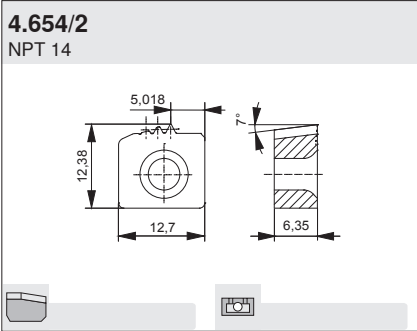
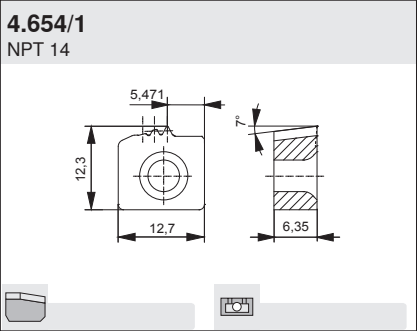
C/36634

External threading inserts

14 TPI



Type of Thread	Insert Ref. No.	Grades			L [mm]	H [mm]	R [mm]	S [mm]	C [°]	Teeth
		LP025	ASC150	Other						
NPT 14	4.654/1		●	●	12.7	12.3	5.471	6.35	7	3
NPT 14	4.654/2		●	●	12.7	12.38	5.018	6.35	7	3
NPT 14	4.654/3		●	●	12.7	12.595	2.75	6.35	7	4
NPT 14	4.654/4		●	●	12.7	12.21	5.925	6.35	7	3



3 & 3.4 TPI

52-55

4 TPI

56-69

5 TPI

70-103

6 TPI

104-116

7 TPI

117-118

8 TPI

119-134

10 TPI

135-138

11,5 TPI

139-140

14 TPI

141

Shim seats for inserts of width 8

[illegible]

Shim seats

Shim seats for inserts of width 12,7



143

Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
C/24414	12.45	9.4	3.18	None	Screw
C/24931	12.45	9.9	3.18	None	Screw
C/25032	12.45	9.4	3.18	Side	Screw
C/33843	12.45	12.6	3.18	Central	Pin
C/33845	12.45	12.65	5	Central	Pin
C/82313	12.45	10	3	Central	Pin
C/84121	12.5	12.37	4.97	Central	Pin
C/84122	12.45	12.65	5	Central	Pin
C/87785	12.45	9.6	5	None	Pin

Shim seats for inserts of width 8

142

Shim seats for inserts of width 12,7

143

Shim seats for inserts of width 15

144-146

Shim seats for inserts of width 17

147

Shim seats for inserts of width 20

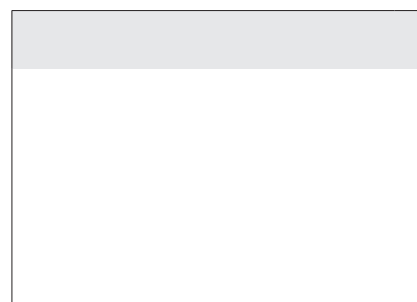
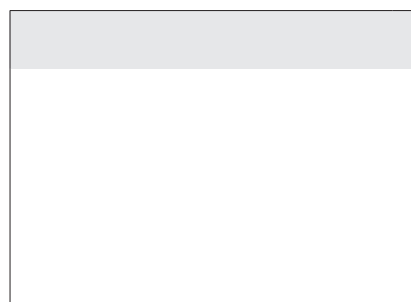
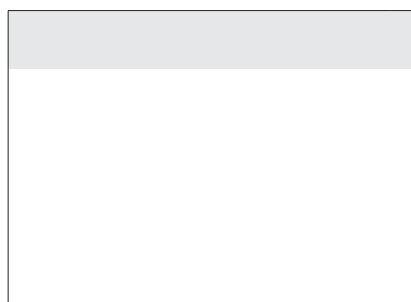
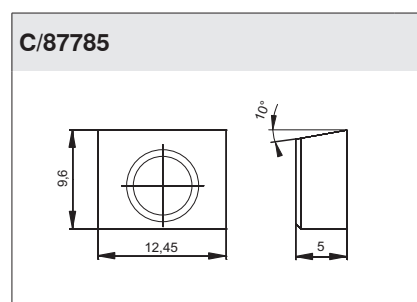
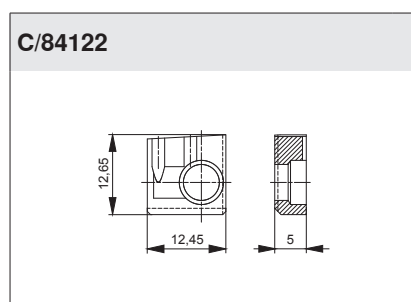
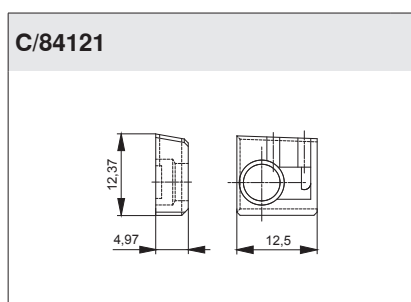
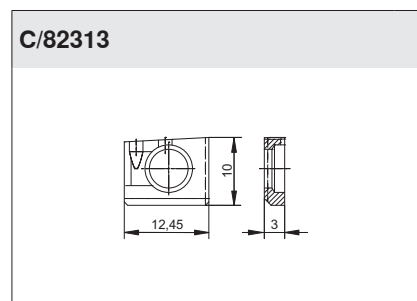
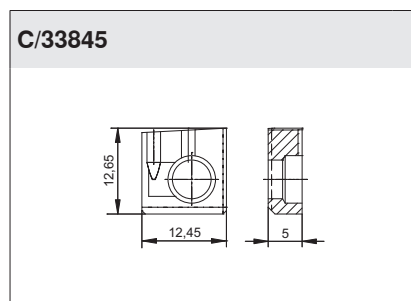
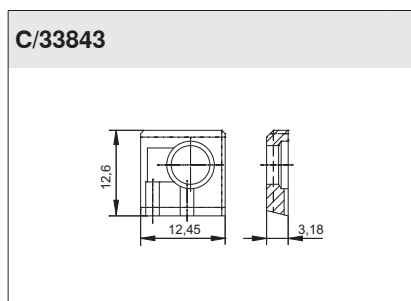
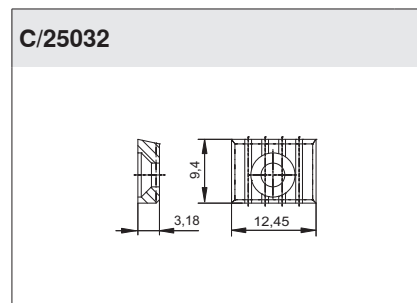
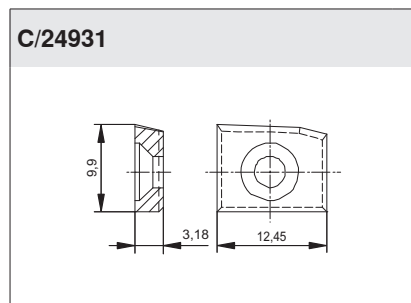
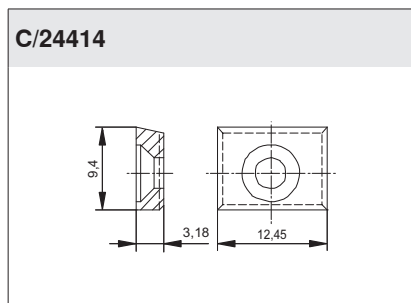
148-149

Shim seats for inserts of width 25

150-152

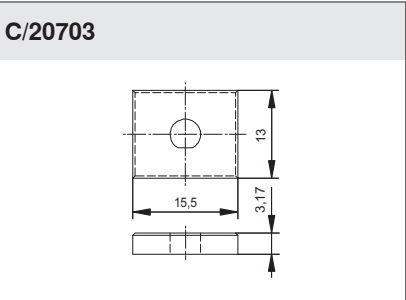
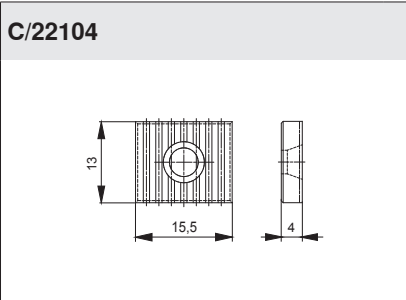
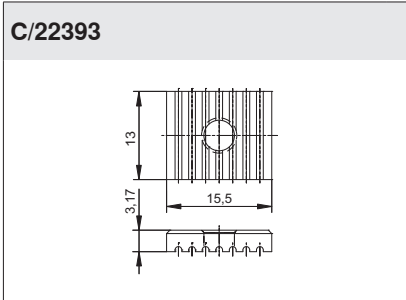
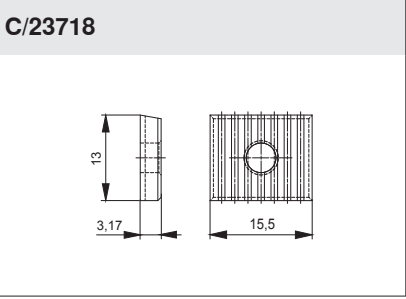
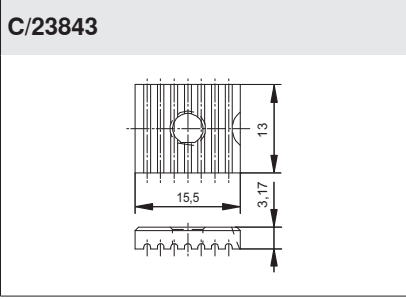
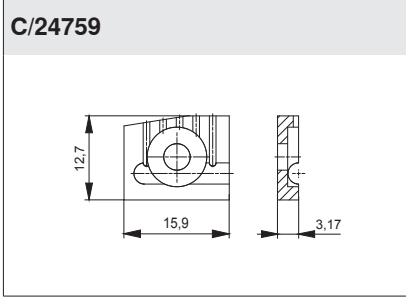
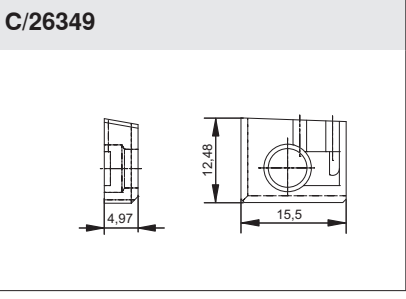
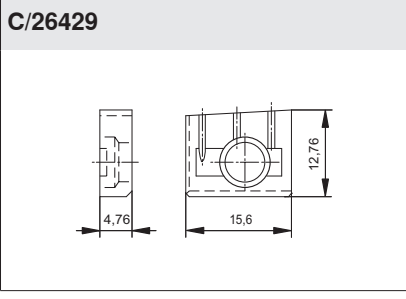
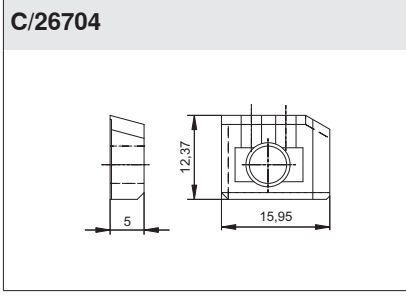
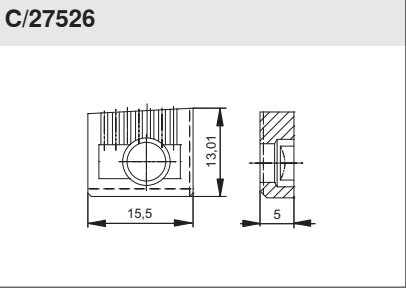
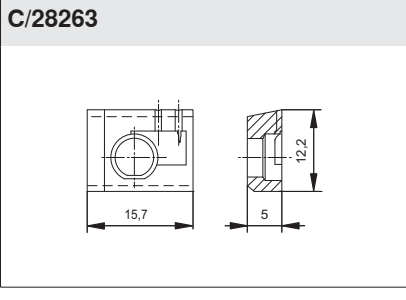
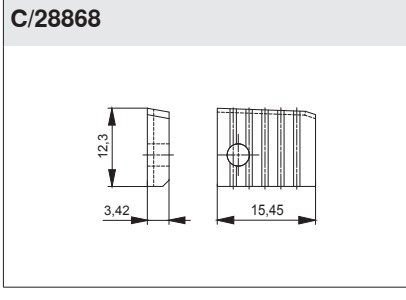
Shim seats for inserts of width 28,75

153



Shim seats

Shim seats for inserts of width 15

Index	Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
11-50	C/20703	15.5	13	3.17	None	Pin
	C/22104	15.5	13	4	Side	Screw
	C/22393	15.5	13	3.17	Side	Pin
Threading-inserts	C/23718	15.5	13	3.17	Side	Pin
	C/23843	15.5	13	3.17	Side	Pin
	C/24759	15.9	12.7	3.17	Side	Screw
52-141	C/26349	15.5	12.48	4.97	Central	Pin
	C/26429	15.6	12.76	4.76	Central	Pin
	C/26704	15.95	12.37	5	Central	Pin
Shim seats	C/27526	15.5	13.01	5	Central	Pin
	C/28263	15.7	12.2	5	Central	Pin
	C/28868	15.45	12.3	3.42	Side	Pin
142-153						
Chip breakers	C/20703					
	C/22104					
154-174	C/22393					
	C/23718					
	C/23843					
	C/24759					
	C/26349					
	C/26429					
	C/26704					
	C/27526					
	C/28263					
	C/28868					

Shim seats

Shim seats for inserts of width 15

Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
C/29624	15.5	11.9	5	Central	Pin
C/29813	15.5	12.67	5	Central	Pin
C/29929	15.5	12.64	5	Central	Pin
C/31124	15.85	11.88	3.18	Central	Pin
C/31364	15.55	12.64	5	None	Pin
C/35808	15.4	12.37	5	None	Pin
C/36634	15.5	12.5	5	Central	Pin
C/37081	15.88	12.45	3.18	None	Pin
C/80389	15.75	12.77	5	Central	Pin
C/82298	15.5	12.2	5	Central	Pin
C/82340	15.5	12.2	5	Central	Pin
C/84166	15.5	12.67	5	Central	Pin

Shim seats
for inserts of
width 8

142

Shim seats
for inserts of
width 12,7

143

Shim seats
for inserts of
width 15

144-146

Shim seats
for inserts of
width 17

147

Shim seats
for inserts of
width 20

148-149

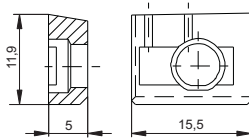
Shim seats
for inserts of
width 25

150-152

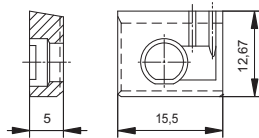
Shim seats
for inserts of
width 28,75

153

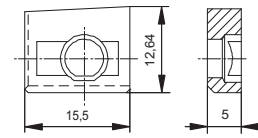
C/29624



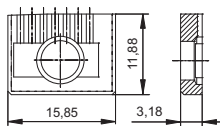
C/29813



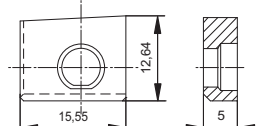
C/29929



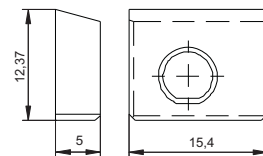
C/31124



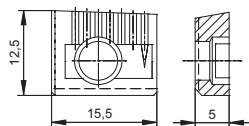
C/31364



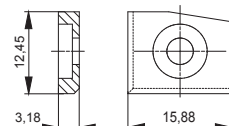
C/35808



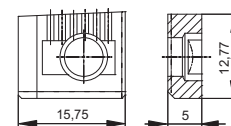
C/36634



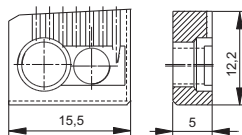
C/37081



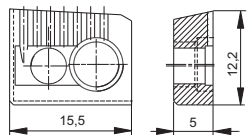
C/80389



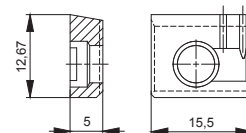
C/82298



C/82340



C/84166



Shim seats for inserts of width 15

[illegible]

Shim seats for inserts of width 17

[illegible]

Shim seats
for inserts of
width 8

142

Shim seats
for inserts of
width 12,7

143

Shim seats
for inserts of
width 15

144-146

Shim seats
for inserts of
width 17

147

Shim seats
for inserts of
width 20

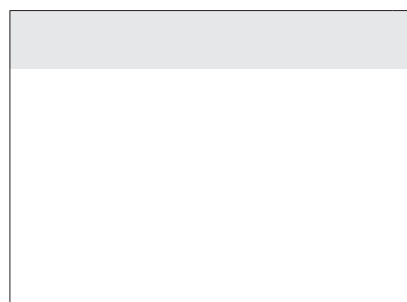
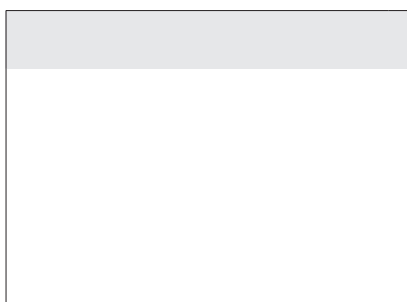
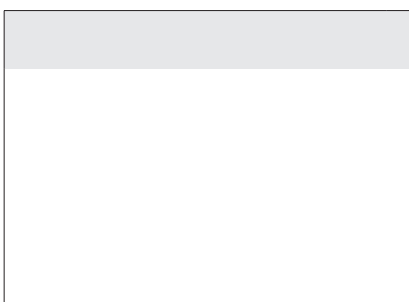
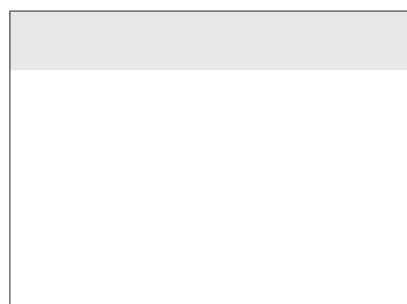
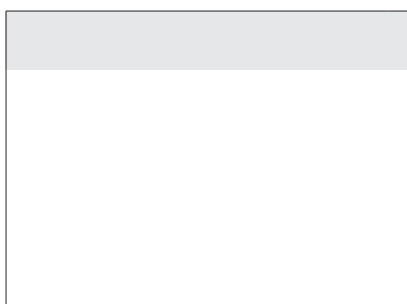
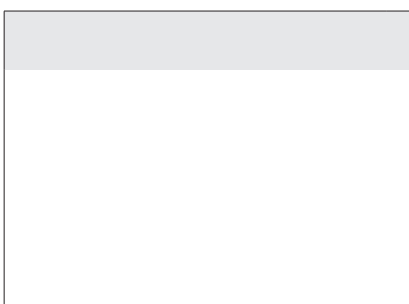
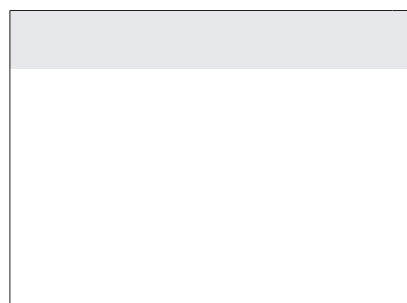
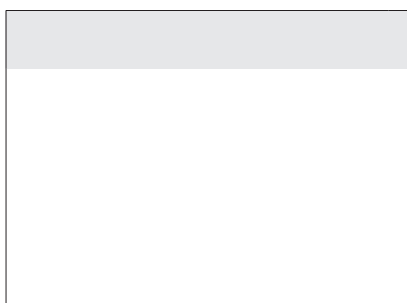
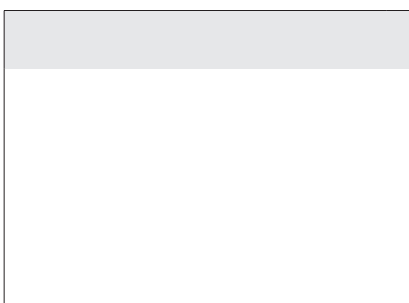
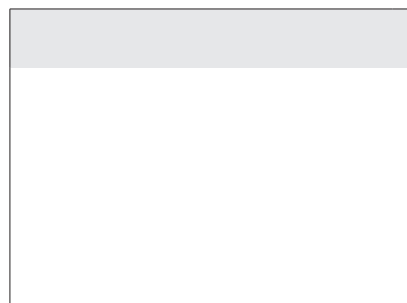
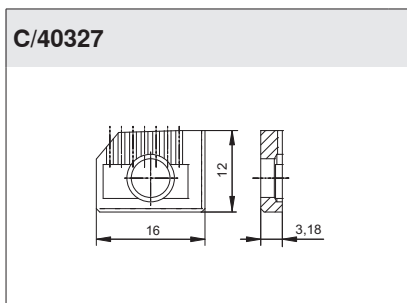
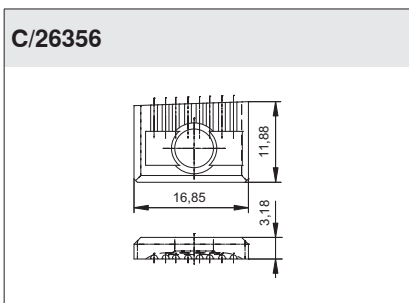
148-149

Shim seats
for inserts of
width 25

150-152

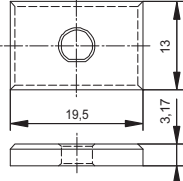
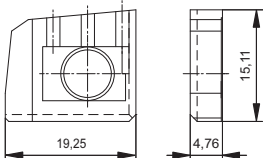
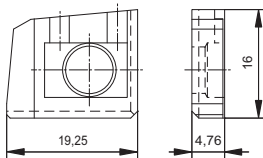
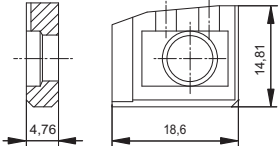
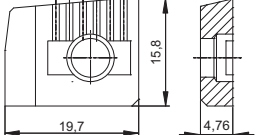
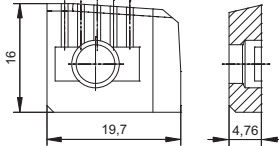
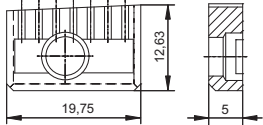
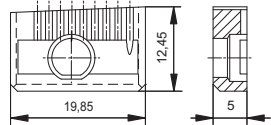
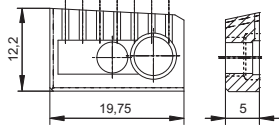
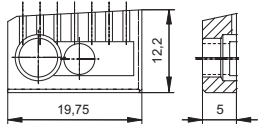
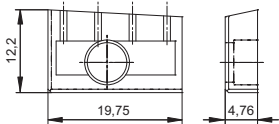
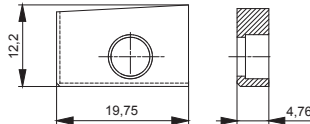
Shim seats
for inserts of
width 28.75

153



Shim seats

Shim seats for inserts of width 20

Index	Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
11-50	C/21336	19.5	13	3.17	None	Pin
	C/26744	19.25	15.11	4.76	Central	Pin
	C/26746	19.25	16	4.76	Central	Pin
Threading-inserts	C/26758	18.6	14.81	4.76	Central	Pin
	C/27855	19.7	15.8	4.76	Central	Pin
	C/27866	19.7	16	4.76	Central	Pin
52-141	C/28681	19.75	12.63	5	Central	Pin
	C/30856	19.85	12.45	5	Central	Pin
	C/82146	19.75	12.2	5	Central	Pin
Shim seats	C/82151	19.75	12.2	5	Central	Pin
	C/82152	19.75	12.2	4.76	Central	Pin
	C/82153	19.75	12.2	4.76	None	Pin
142-153						
Chip breakers	C/21336					
	C/26744					
	C/26746					
154-174						
	C/26758					
	C/27855					
	C/27866					
	C/28681					
	C/30856					
	C/82146					
	C/82151					
	C/82152					
	C/82153					

Shim seats

Shim seats for inserts of width 20



149

Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
C/83734	19.75	12.38	5	Central	Pin
C/84064	19.75	12.38	5	None	Pin
C/86059	19.75	14.59	3.18	Side	Pin
C/87130	19.75	10.9	5	Central	Pin
C/87132	19.75	12.2	4.66	Central	Pin

Shim seats for inserts of width 8

142

Shim seats for inserts of width 12,7

143

Shim seats for inserts of width 15

144-146

Shim seats for inserts of width 17

147

Shim seats for inserts of width 20

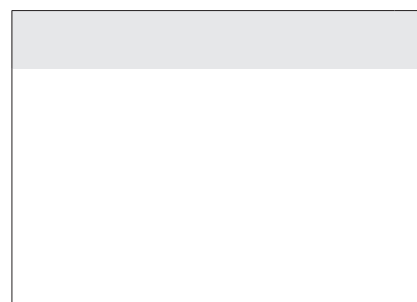
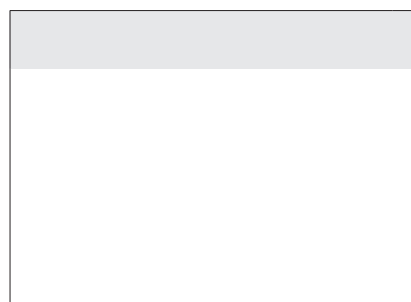
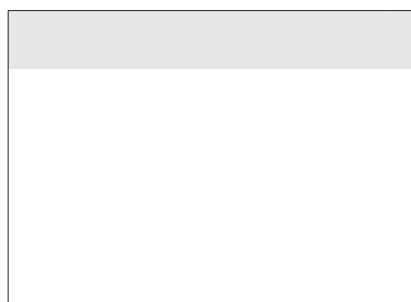
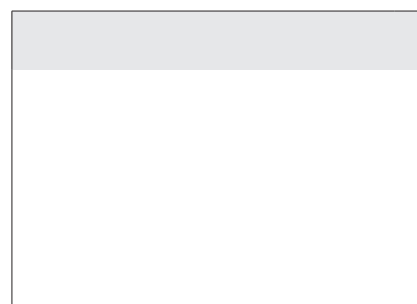
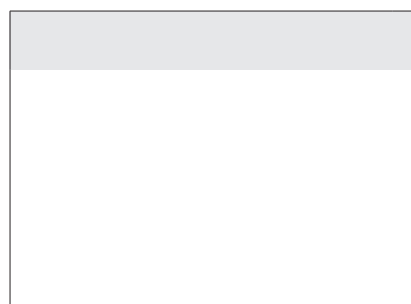
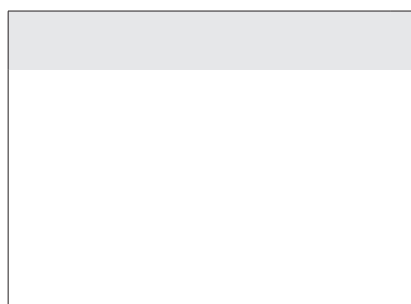
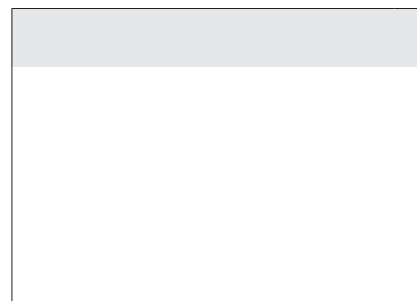
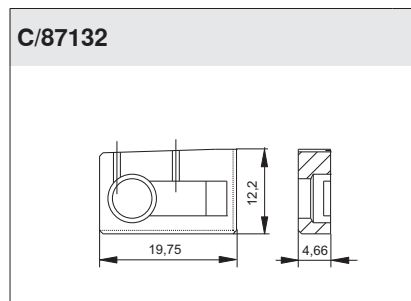
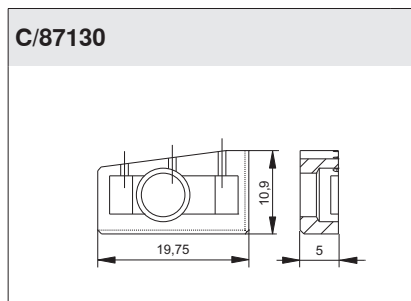
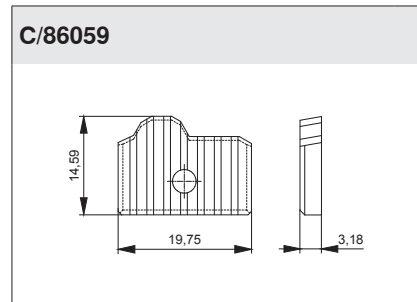
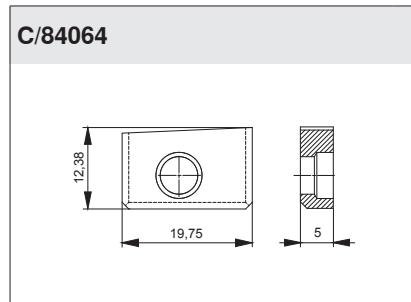
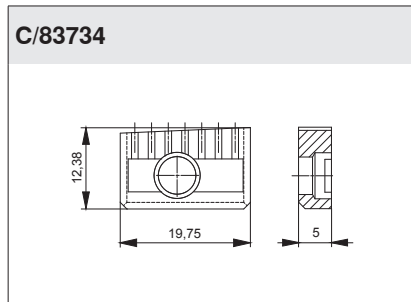
148-149

Shim seats for inserts of width 25

150-152

Shim seats for inserts of width 28,75

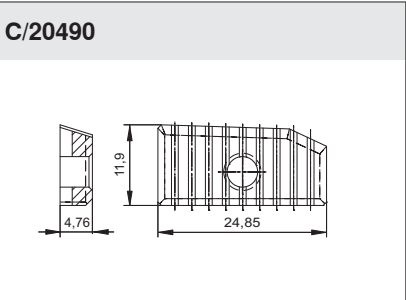
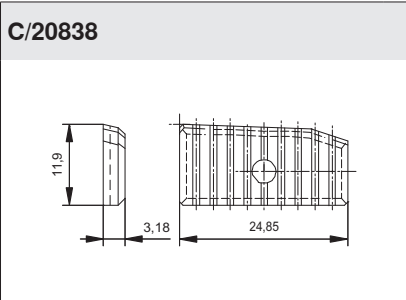
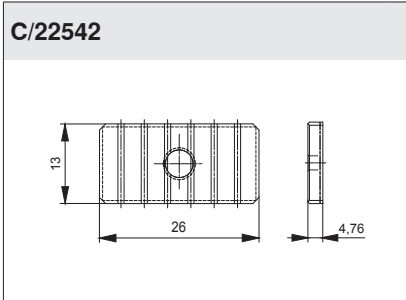
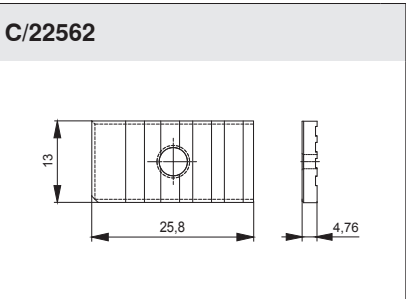
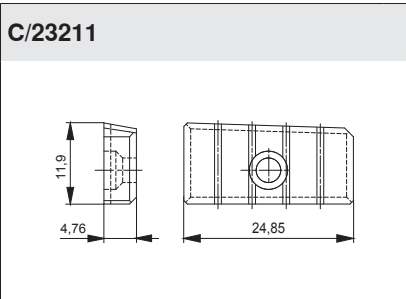
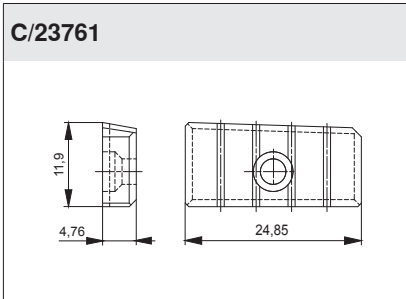
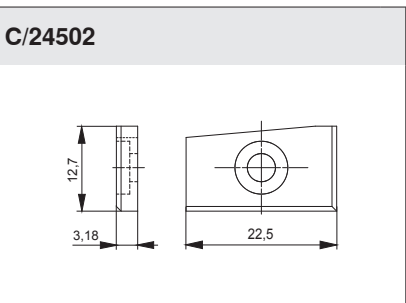
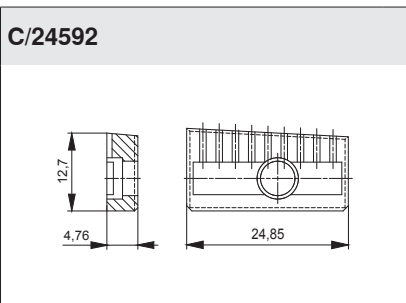
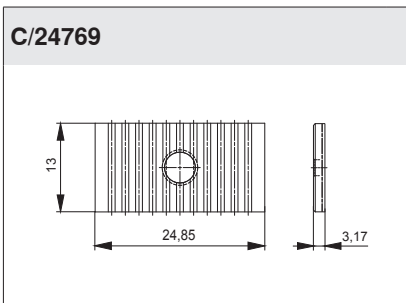
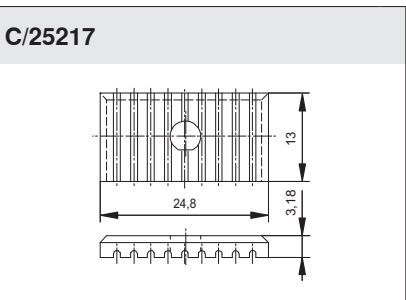
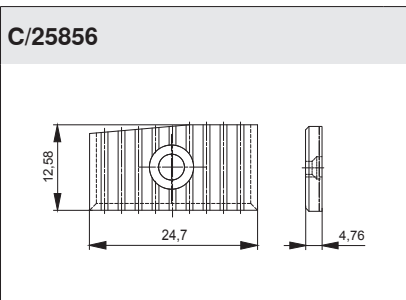
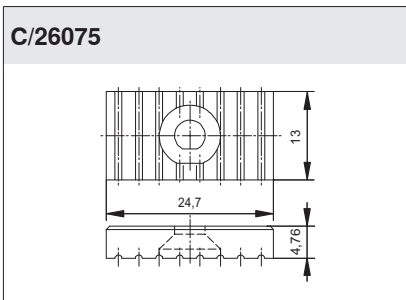
153



Shim seats

Shim seats for inserts of width 25

Index	Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
11-50	C/20490	24.85	11.9	4.76	Side	Pin
	C/20838	24.85	11.9	3.18	Side	Pin
	C/22542	26	13	4.76	Side	Pin
Threading-inserts	C/22562	25.8	13	4.76	Side	Pin
	C/23211	24.85	11.9	4.76	Side	Screw
	C/23761	24.85	11.9	4.76	Side	Screw
52-141	C/24502	22.5	12.7	3.18	None	
	C/24592	24.85	12.7	4.76	Central	Pin
	C/24769	24.85	13	3.17	Side	Pin
Shim seats	C/25217	24.8	13	3.18	Side	Pin
	C/25856	24.7	12.58	4.76	Side	Screw
	C/26075	24.7	13	4.76	Side	Screw

142-153	Chip breakers	C/20490					C/20838					C/22542				
																
																
		C/24502					C/24592					C/24769				
																
																

Shim seats

Shim seats for inserts of width 25

Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
C/26216	24.9	20.9	4.76	Central	Pin
C/26246	24.75	11.88	4.76	Central	Pin
C/26247	24.75	11.88	4.76	Central	Pin
C/26425	24.85	12.5	4.76	Central	Pin
C/26759	24.9	20.9	4.76	Central	Pin
C/27522	24.75	13.4	4.76	Central	Pin
C/28112	24.7	12.9	4.76	Central	Pin
C/30151	24.7	21.3	4.76	Central	Pin
C/36625	24.75	15.3	4.76	Central	Pin
C/82296	24.75	12.3	4.76	Central	Pin
C/82586	24.7	12.72	4.76	Central	Pin
C/82588	24.7	12.72	4.76	Central	Pin

Shim seats
for inserts of
width 8

142

Shim seats
for inserts of
width 12,7

143

Shim seats
for inserts of
width 15

144-146

Shim seats
for inserts of
width 17

147

Shim seats
for inserts of
width 20

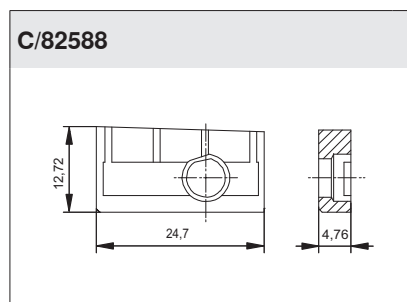
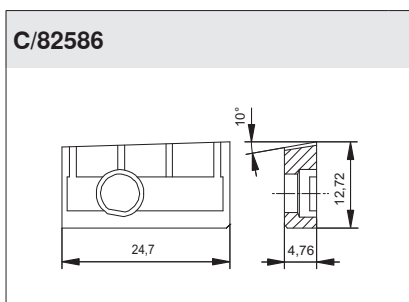
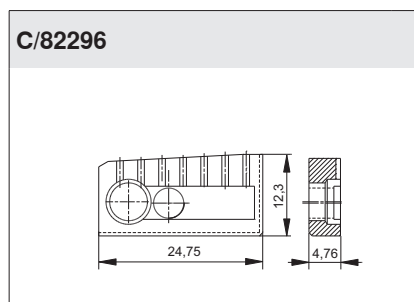
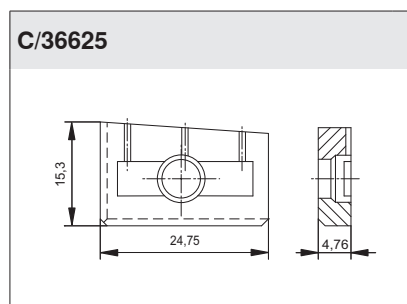
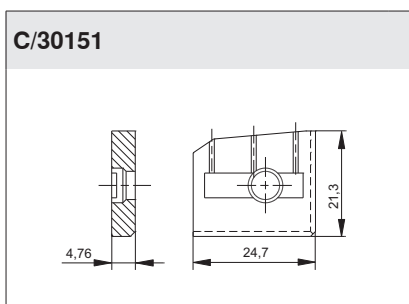
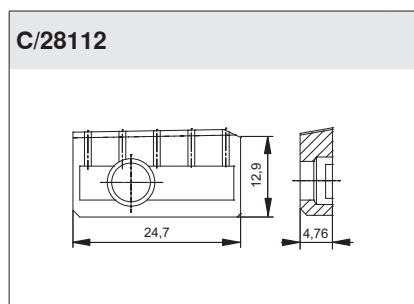
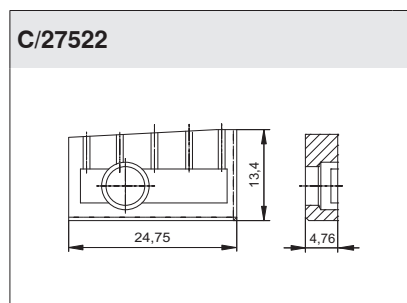
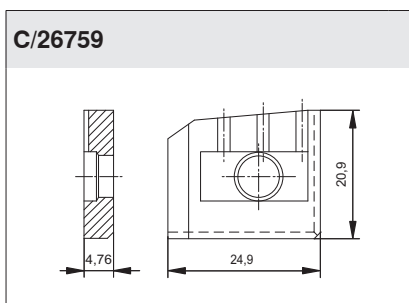
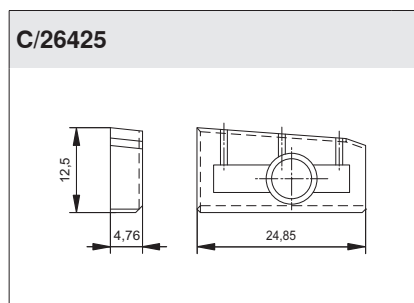
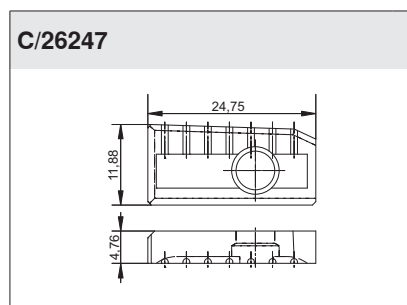
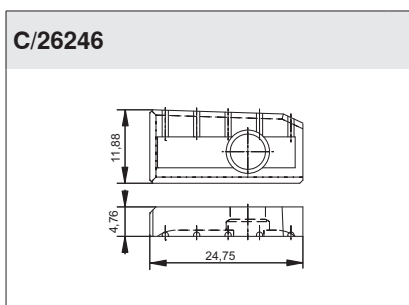
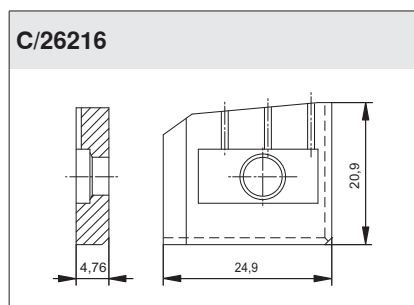
148-149

Shim seats
for inserts of
width 25

150-152

Shim seats
for inserts of
width 28,75

153





Shim seats

Shim seats for inserts of width 25

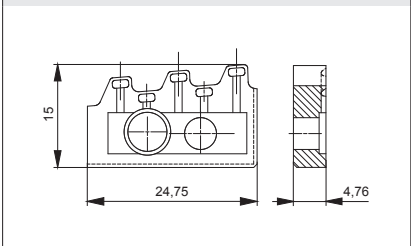
Index						
	Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
11-50	C/83352	24.75	15	4.76	Central	Pin
	C/89315	24.7	12.1	4.76	Central	Pin
	C/89334	22	12.1	3.18	Central	Pin
Threading- inserts						
52-141						
Shim seats						

142-153

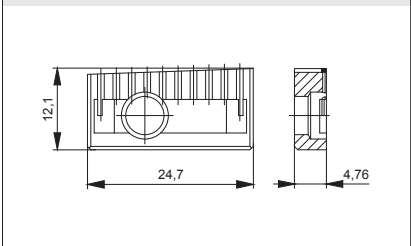
Chip
breakers

154-174

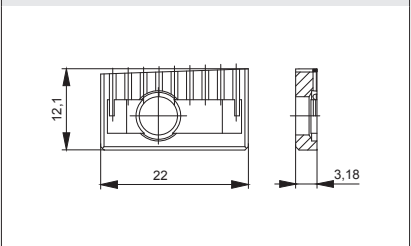
C/83352

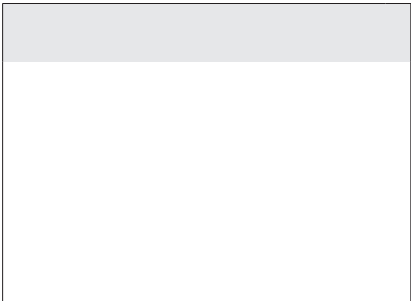


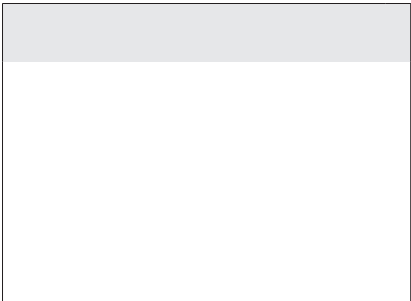
C/89315

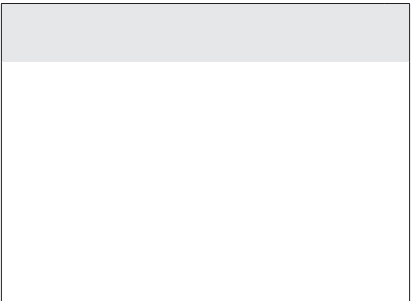


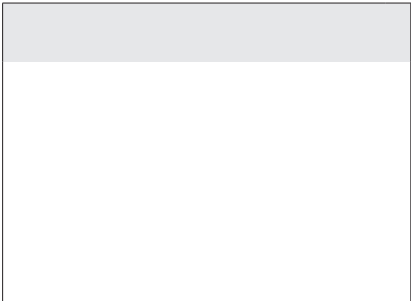
C/89334

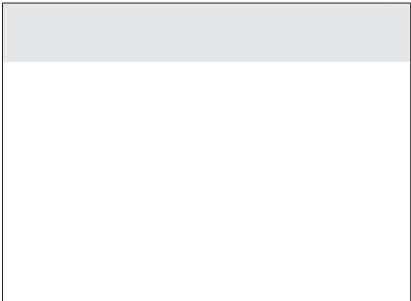


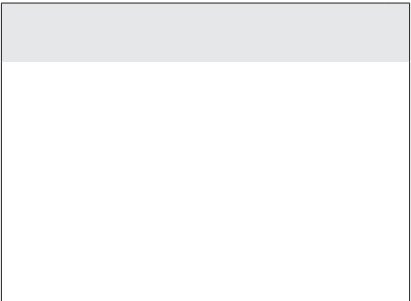


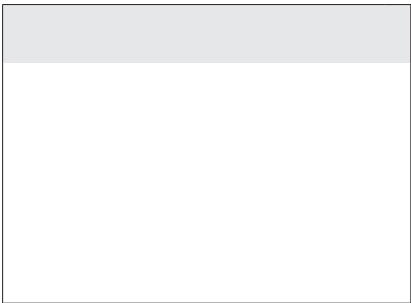


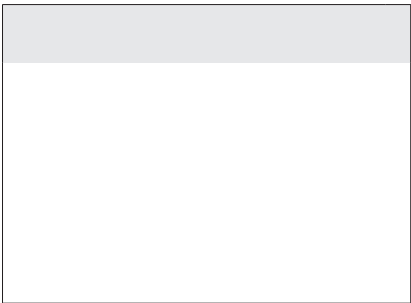


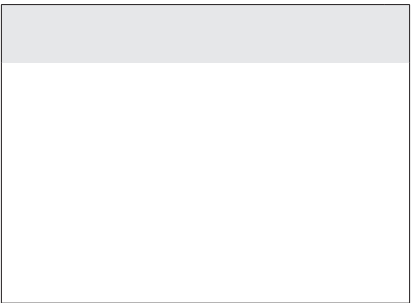












Shim seats

Shim seats for inserts of width 28,75



153

Reference	Width mm	Height mm	Thickness mm	Coolant	Fixation
C/21334	29.5	13	4.76	Central	Pin
C/37769	28.25	11.88	4.76	Central	Pin

Shim seats for inserts of width 8

142

Shim seats for inserts of width 12,7

143

Shim seats for inserts of width 15

144-146

Shim seats for inserts of width 17

147

Shim seats for inserts of width 20

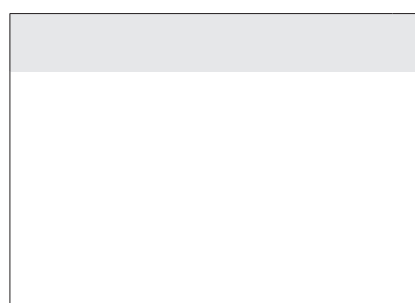
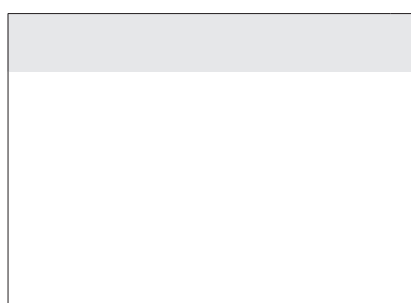
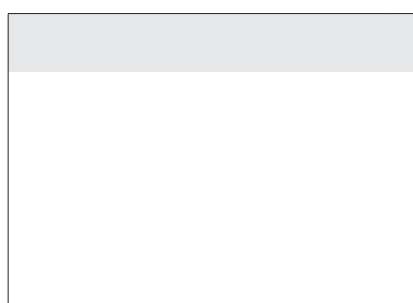
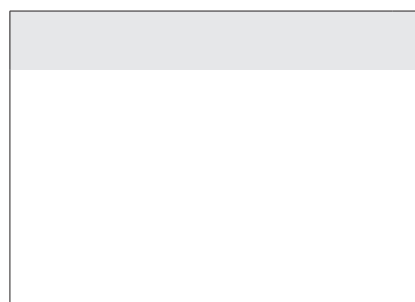
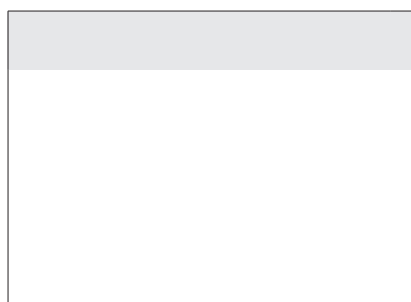
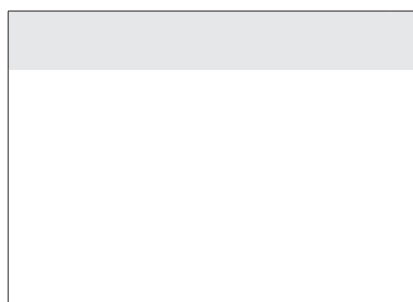
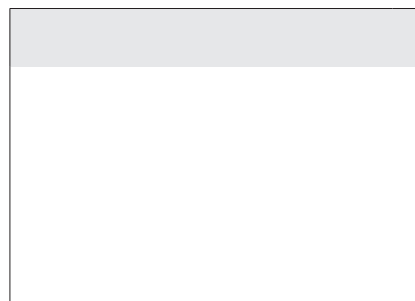
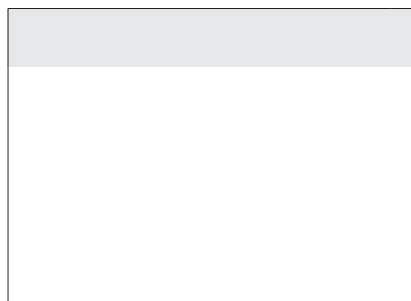
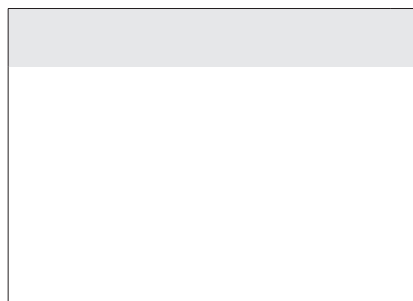
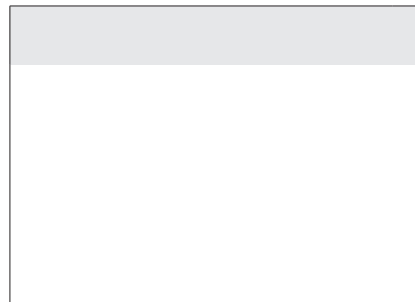
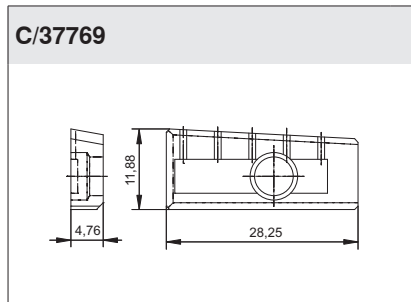
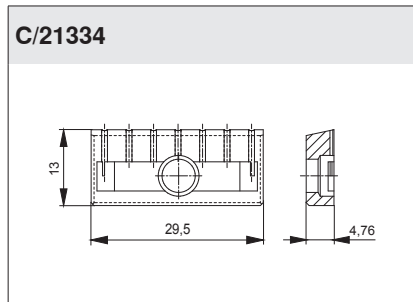
148-149

Shim seats for inserts of width 25

150-152

Shim seats for inserts of width 28,75

153



Chip breakers for inserts of width 12,7

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/21246/1	12.4	12.5	2.5	No
	C/21246/2	12.4	11.5	2.5	No
	C/21246/3	12.4	10.5	2.5	No
Threading- inserts	C/21246/4	12.4	9.5	2.5	No
	C/24415/1	12.5	10.5	2.25	No
	C/24415/2	12.5	10.5	2.25	No
52-141	C/24415/3	12.5	10.5	2.25	No
	C/24415/4	12.5	8	2.25	No
Shim seats	C/24504	12.5	11.2	2.35	Yes
	C/25033	12.68	8.8	2.25	Yes
	C/25057	12.3	10	2.25	No
	C/33842	12.4	10.7	3.18	Yes

Index	Chip breakers	Reference	Width mm	Height mm	Thickness mm	Coolant
154-174		C/21246/1	12.4	12.5	2.5	No
		C/21246/2	12.4	11.5	2.5	No
		C/21246/3	12.4	10.5	2.5	No
		C/21246/4	12.4	9.5	2.5	No
		C/24415/1	12.5	10.5	2.25	No
		C/24415/2	12.5	10.5	2.25	No
		C/24415/3	12.5	10.5	2.25	No
		C/24415/4	12.5	8	2.25	No
		C/24504	12.5	11.2	2.35	Yes
		C/25033	12.68	8.8	2.25	Yes
		C/25057	12.3	10	2.25	No
		C/33842	12.4	10.7	3.18	Yes

Chip breakers

Chip breakers for inserts of width 12,7



155

Reference	Width mm	Height mm	Thickness mm	Coolant
C/33844	12.4	12.5	4	Yes
C/37032	12.5	10.16	2.5	No
C/82314	12.4	9.5	3.18	Yes
C/87764	12.4	10	3.18	Yes
C/89902	12.4	10	3.18	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

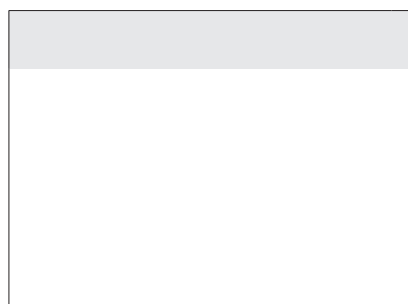
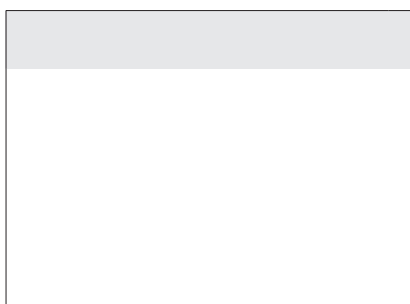
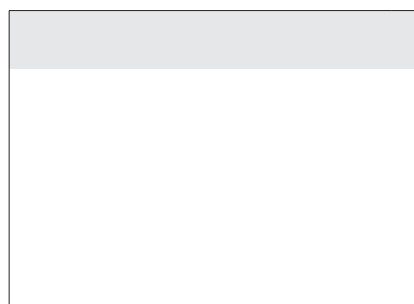
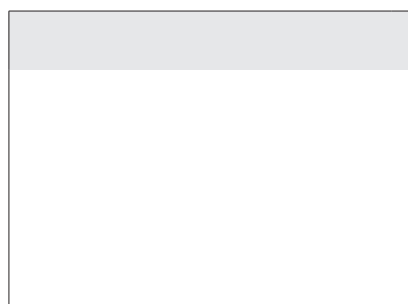
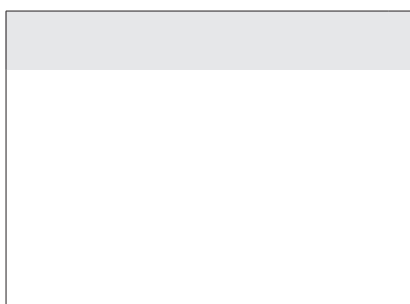
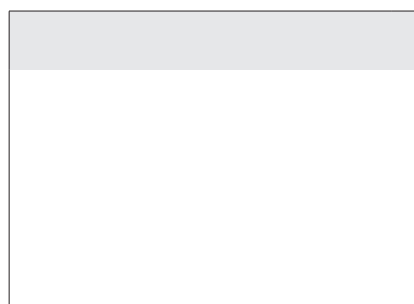
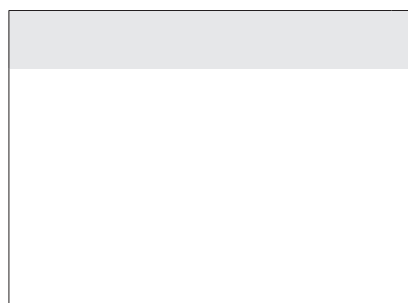
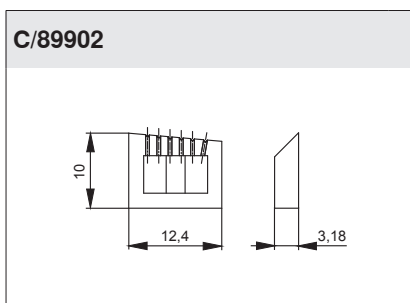
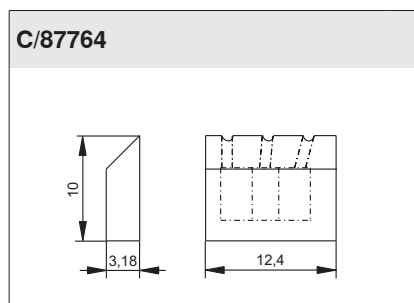
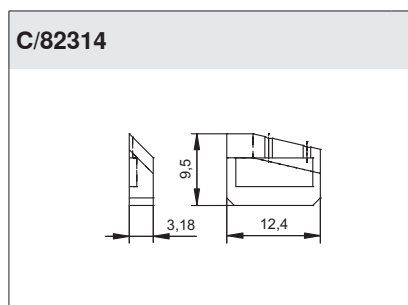
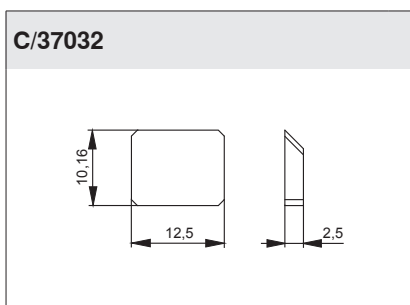
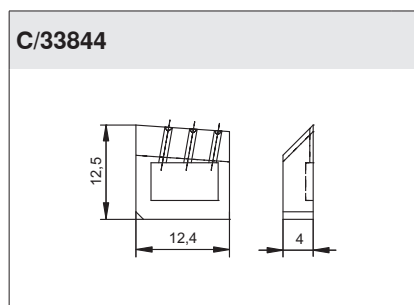
164-167

Chip breakers for insert of width 25

168-173

Chip breakers for insert of width 28,75

174



Chip breakers for inserts of width 15

Index					
	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/20176	15.9	13	2.29	No
	C/20704	15.6	11.8	3.17	Yes
	C/20707	15.6	12.78	3.17	Yes
Threading- inserts	C/21369/1	15.65	12.5	2.55	No
	C/21369/2	15.65	11.5	2.55	No
	C/21369/3	15.65	10.5	2.55	No
	C/21369/4	15.65	9.5	2.55	No
52-141	C/21381	15.6	13	3.18	No
Shim seats	C/22394	15.6	11.8	3.17	Yes
	C/22535	15.75	11.3	3.17	No
	C/23694	15.75	10.8	3.17	No
	C/23695	15.75	11.8	3.17	No
142-153					
Chip breakers					
154-174					

Chip breakers

Chip breakers for inserts of width 15



157

Reference	Width mm	Height mm	Thickness mm	Coolant
C/23932/1	15.7	14	2.5	No
C/23932/2	15.7	13.5	2.5	No
C/23932/3	15.7	13	2.5	No
C/23932/4	15.7	12.5	2.5	No
C/23932/5	15.7	12	2.5	No
C/23932/6	15.7	11.5	2.5	No
C/23932/7	15.7	11	2.5	No
C/25034	15.85	11	4.5	No
C/26081	15.5	11.8	3.17	Yes
C/26350	15.6	10.7	3.18	Yes
C/26430	15.6	12.5	3.18	Yes
C/26747	15.75	12.02	3.18	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

164-167

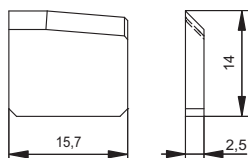
Chip breakers for insert of width 25

168-173

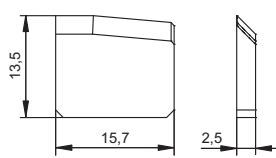
Chip breakers for insert of width 28,75

174

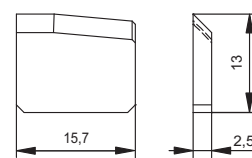
C/23932/1



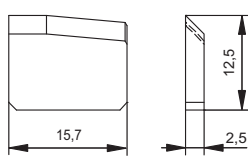
C/23932/2



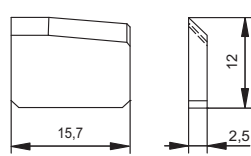
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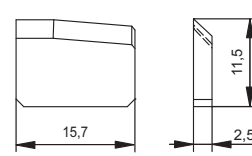
C/23932/4



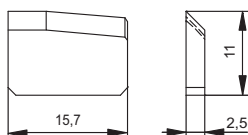
C/23932/5



C/23932/6



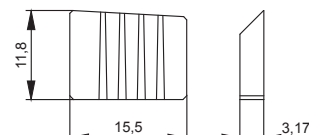
C/23932/7



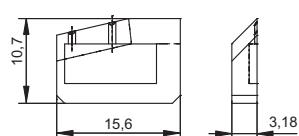
C/25034



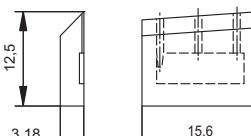
C/26081



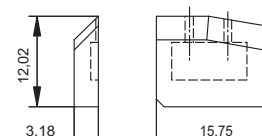
C/26350



C/26430

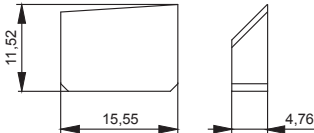
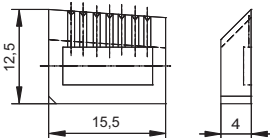
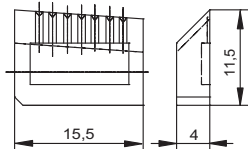
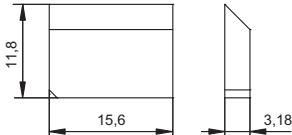
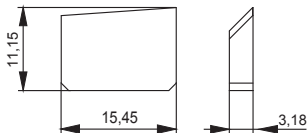
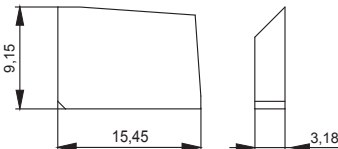
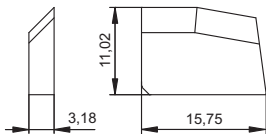
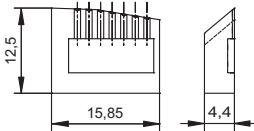
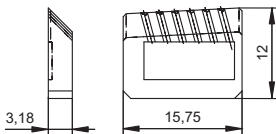
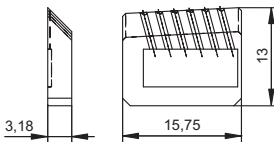
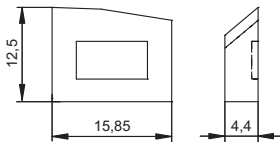
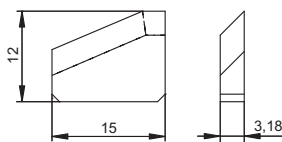


C/26747



Chip breakers

Chip breakers for inserts of width 15

Index	Reference	Width mm	Height mm	Thickness mm	Coolant	
11-50	C/27242	15.55	11.52	4.76	No	
	C/27525/1	15.5	12.5	4	Yes	
	C/27525/2	15.5	11.5	4	Yes	
Threading- inserts	C/28264	15.6	11.8	3.18	No	
	C/28867/1	15.45	11.15	3.18	No	
	C/28867/2	15.45	9.15	3.18	No	
	C/29296	15.75	11.02	3.18	No	
52-141	C/31149	15.85	12.5	4.4	Yes	
Shim seats	C/34098/1	15.75	12	3.18	Yes	
	C/34098/2	15.75	13	3.18	Yes	
	C/38340	15.85	12.5	4.4	No	
	C/40157	15	12	3.18	No	
142-153						
Chip breakers	C/27242		C/27525/1		C/27525/2	
	154-174					
	C/28264		C/28867/1		C/28867/2	
	C/29296		C/31149		C/34098/1	
	C/34098/2		C/38340		C/40157	

Chip breakers

Chip breakers for inserts of width 15

Reference	Width mm	Height mm	Thickness mm	Coolant
C/80388/1	15.75	12.5	4	Yes
C/80388/2	15.75	11.5	4	Yes
C/80480/1	15.7	14	2.5	No
C/80480/2	15.7	13.5	2.5	No
C/80480/3	15.7	13	2.5	No
C/80480/4	15.7	12.5	2.5	No
C/80480/5	15.7	12	2.5	No
C/80480/6	15.7	11.5	2.5	No
C/80480/7	15.7	11	2.5	No
C/81886/1	15.5	12.5	4	No
C/81886/2	15.5	11.5	4	No
C/82299/1	15.5	13	4	No

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

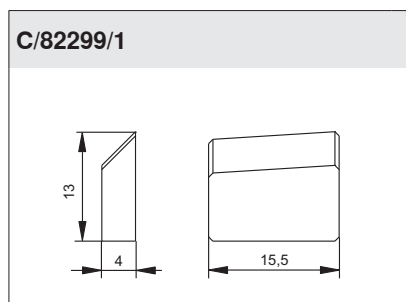
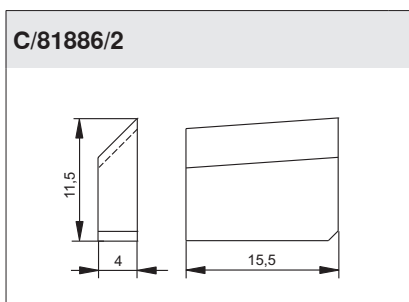
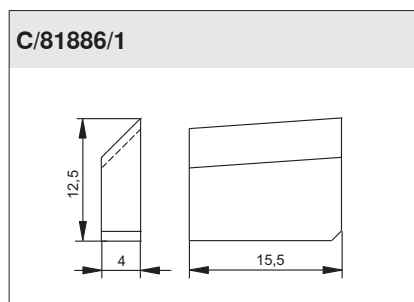
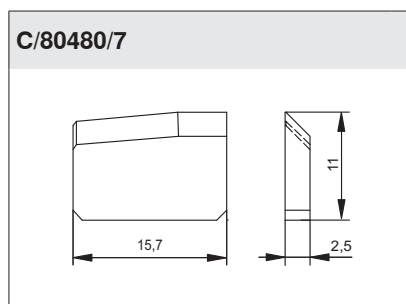
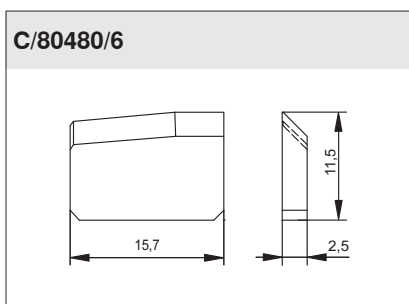
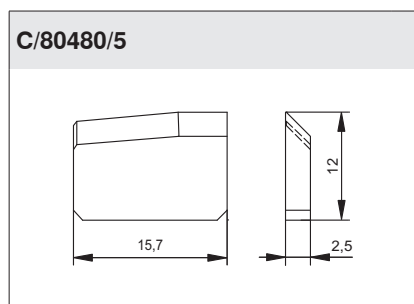
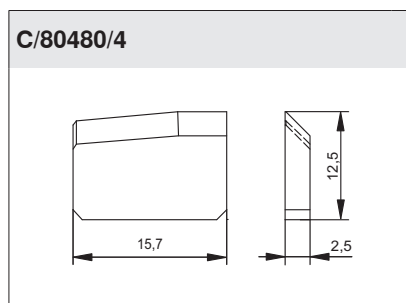
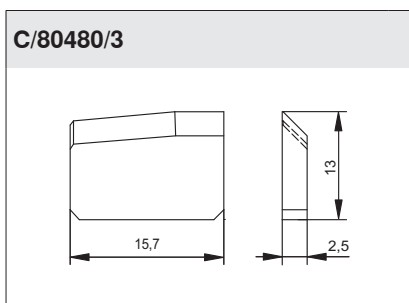
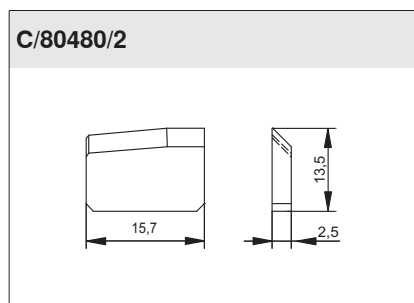
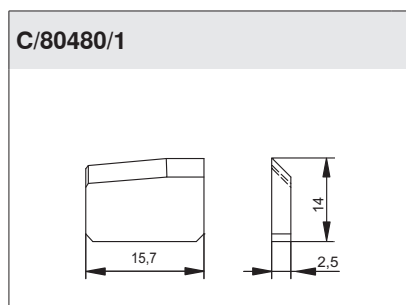
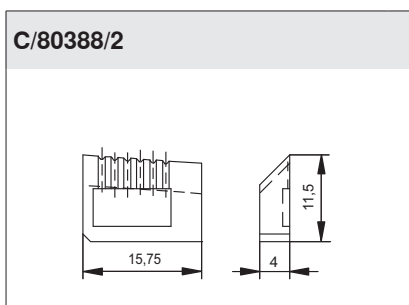
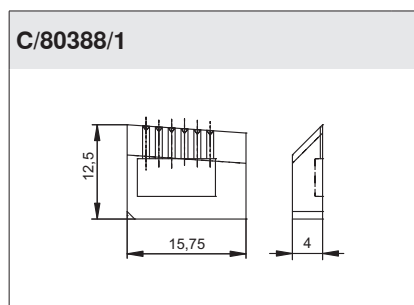
164-167

Chip breakers for insert of width 25

168-173

Chip breakers for insert of width 28,75

174



Chip breakers for inserts of width 15

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/82299/2	15.5	11.5	4	No
	C/82341	15.5	13	3.18	No
	C/84167	15.6	12.5	3.18	Yes
Threading- inserts	C/84169	15.6	12.5	3.18	Yes
	C/84230	15.5	13.4	3.18	Yes
	C/84403	15.6	13	3.18	Yes
	C/87391	15.6	13.31	3.18	Yes
52-141	C/88930	15.85	12.5	4.4	No
	C/88934	15.85	12.5	4.4	No
Shim seats	C/89282	15.5	14	3.18	Yes
	C/97816	15.5	13.4	3.18	Yes
	C/99313	15.5	13.8	3.18	Yes
	142-153				
Chip breakers	C/82299/2				
	C/82341				
154-174	C/84167				
	C/84169				
	C/84230				
	C/84403				
	C/87391				
	C/88930				
	C/88934				
	C/89282				
	C/97816				
	C/99313				

Chip breakers

Chip breakers for inserts of width 17

Reference	Width mm	Height mm	Thickness mm	Coolant
C/25292-1	16	12.4	4.35	Yes
C/25292/2	16	11.4	4.35	Yes
C/26355	16.85	12.5	4.4	Yes
C/29432/1	16	12.7	4.35	No
C/29432/2	16	11.7	4.35	No
C/30689	16.2	14.09	3.18	Yes
C/35710/1	16	12.5	4.35	Yes
C/35710/2	16	11.5	4.35	Yes
C/38337	16.85	12.5	4.4	No
C/38725/1	16.85	12.5	4.35	Yes
C/38725/2	16.85	11.5	4.35	Yes
C/40328	16	12.5	4.4	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

164-167

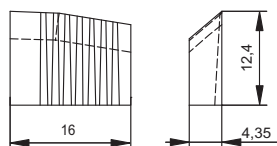
Chip breakers for insert of width 25

168-173

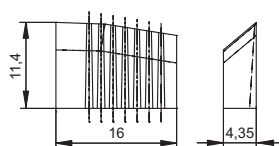
Chip breakers for insert of width 28,75

174

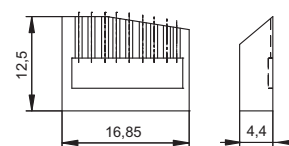
C/25292-1



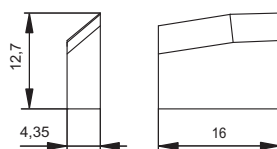
C/25292/2



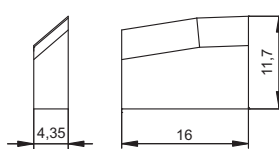
C/26355



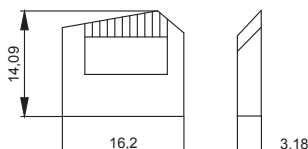
C/29432/1



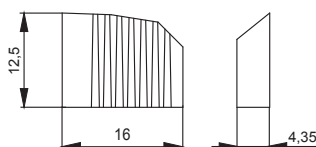
C/29432/2



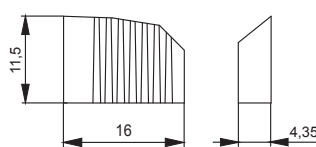
C/30689



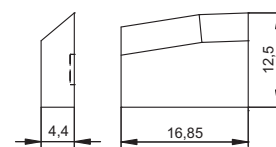
C/35710/1



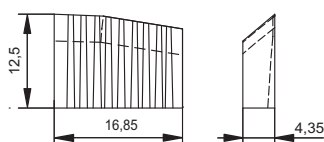
C/35710/2



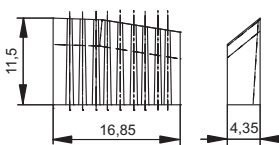
C/38337



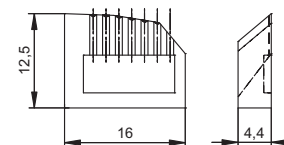
C/38725/1



C/38725/2

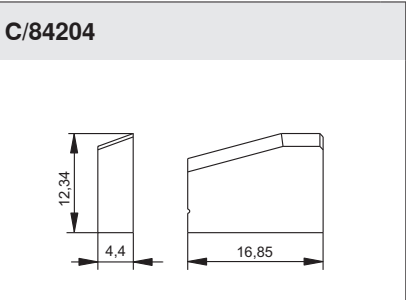
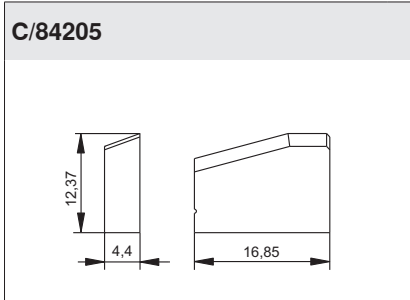
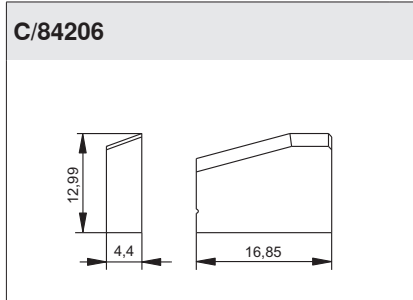
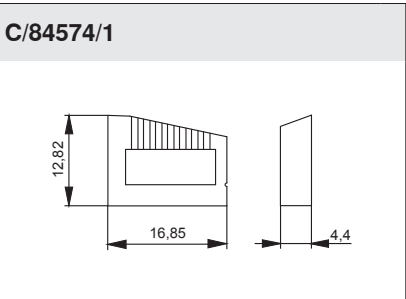
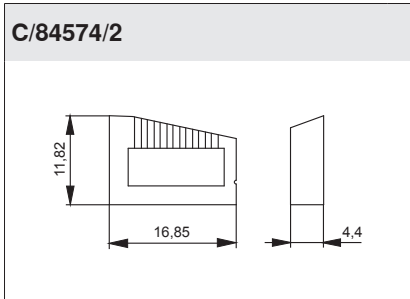
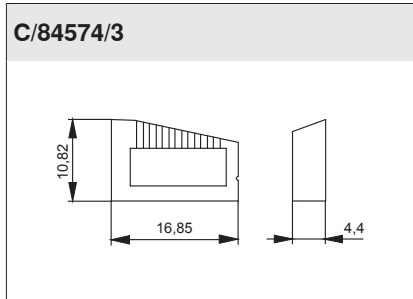
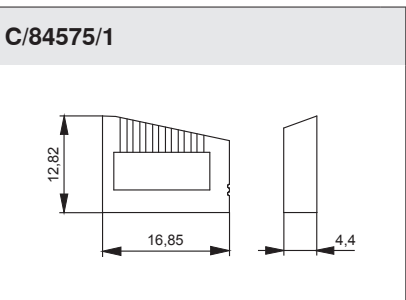
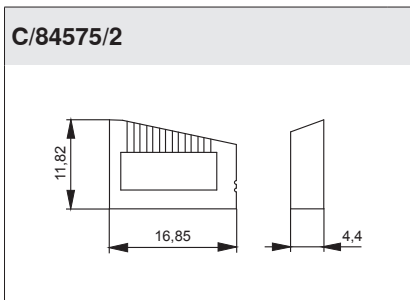
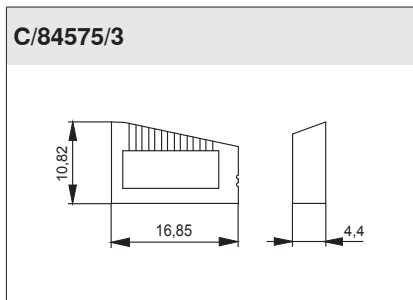
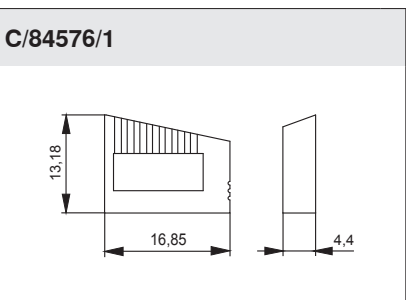
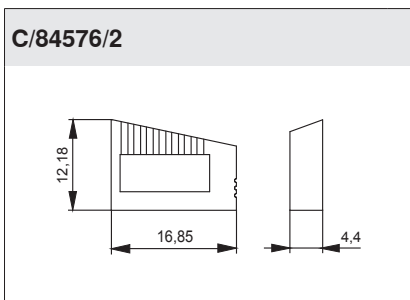
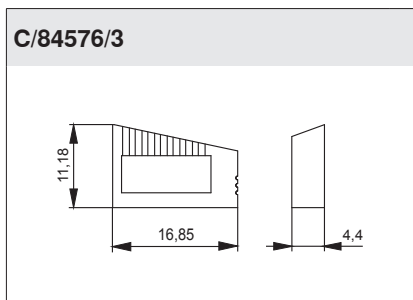


C/40328

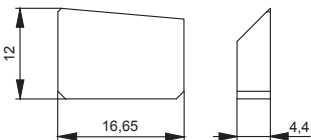


Chip breakers

Chip breakers for inserts of width 17

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/84204	16.85	12.34	4.4	No
	C/84205	16.85	12.37	4.4	No
	C/84206	16.85	12.99	4.4	No
Threading-inserts	C/84574/1	16.85	12.82	4.4	Yes
	C/84574/2	16.85	11.82	4.4	Yes
	C/84574/3	16.85	10.82	4.4	Yes
52-141	C/84575/1	16.85	12.82	4.4	Yes
	C/84575/2	16.85	11.82	4.4	Yes
	C/84575/3	16.85	10.82	4.4	Yes
Shim seats	C/84576/1	16.85	13.18	4.4	Yes
	C/84576/2	16.85	12.18	4.4	Yes
	C/84576/3	16.85	11.18	4.4	Yes
142-153					
Chip breakers	C/84204				
	C/84205				
	C/84206				
154-174	C/84574/1				
	C/84574/2				
	C/84574/3				
	C/84575/1				
	C/84575/2				
	C/84575/3				
	C/84576/1				
	C/84576/2				
	C/84576/3				

 CERATIZIT[illegible]

C/87267 		

Chip
breakers
for insert of
width 12,7

154-155

Chip
breakers
for insert of
width 15

156-160

Chip
breakers
for insert of
width 17

161-163

Chip
breakers
for insert of
width 20

164-167

Chip
breakers
for insert of
width 25

168-173

Chip
breakers
for insert of
width 28,75

174

1

100

100

100

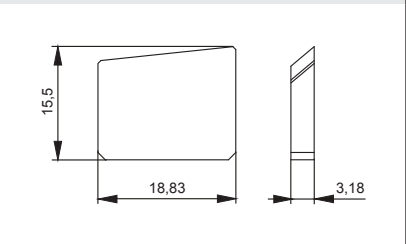
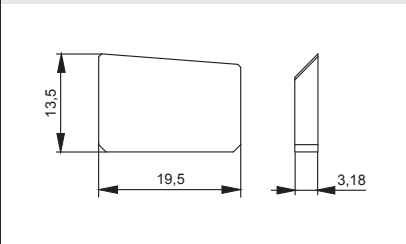
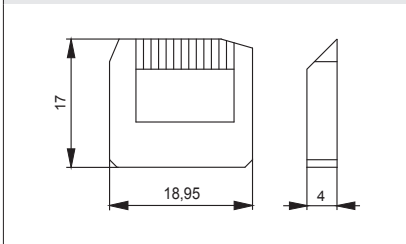
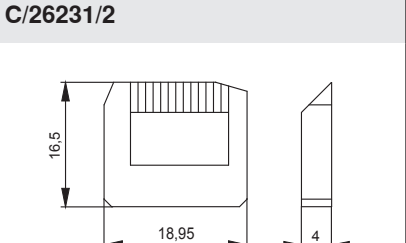
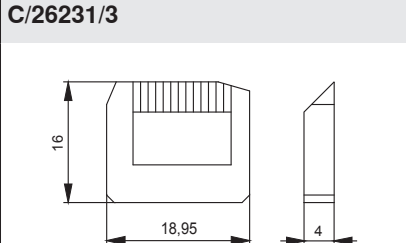
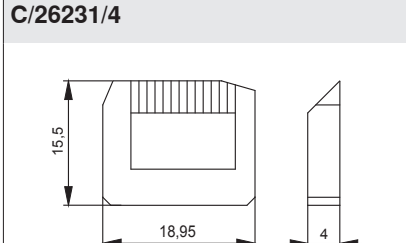
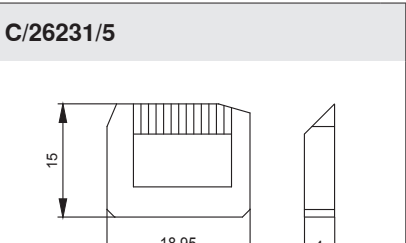
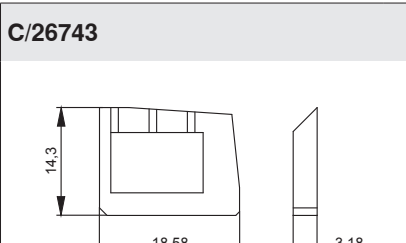
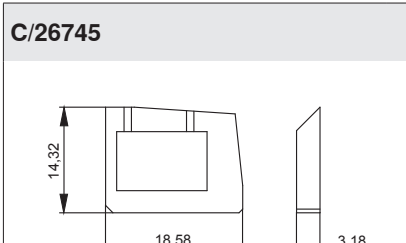
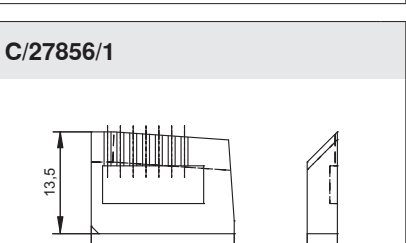
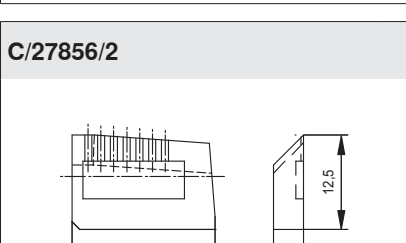
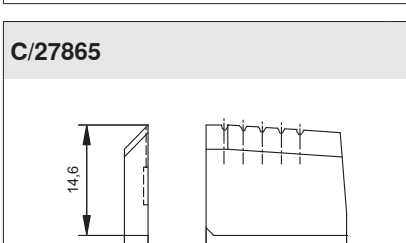
100

100

100

Chip breakers

Chip breakers for inserts of width 20

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/20626	18.83	15.5	3.18	No
	C/21337	19.5	13.5	3.18	No
	C/26231/1	18.95	17	4	Yes
	C/26231/2	18.95	16.5	4	Yes
	C/26231/3	18.95	16	4	Yes
Threading-inserts	C/26231/4	18.95	15.5	4	Yes
	C/26231/5	18.95	15	4	Yes
	C/26743	18.58	14.3	3.18	Yes
	C/26745	18.58	14.32	3.18	Yes
	C/27856/1	18.95	13.5	4	Yes
Shim seats	C/27856/2	18.95	12.5	4	Yes
	C/27865	18.7	14.6	3.18	Yes
142-153					
Chip breakers	C/20626 				
	C/21337 				
154-174	C/26231/1 				
	C/26231/2 				
	C/26231/3 				
	C/26231/4 				
	C/26231/5 				
	C/26743 				
	C/26745 				
	C/27856/1 				
	C/27856/2 				
	C/27865 				

Chip breakers

Chip breakers for inserts of width 20

Reference	Width mm	Height mm	Thickness mm	Coolant
C/28682/1	19.83	11.8	4	Yes
C/28682/2	19.83	10.5	4	Yes
C/29293	18.7	13.5	3.18	No
C/29294	18.95	13.5	4	No
C/29294/2	18.95	12.5	4	No
C/30855	19.83	13.3	4	Yes
C/32155/1	18.95	17	4	Yes
C/32155/2	18.95	16.5	4	Yes
C/32155/3	18.95	16	4	Yes
C/32155/4	18.95	15.5	4	Yes
C/32155/5	18.95	15	4	Yes
C/37241	18.95	17	4	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

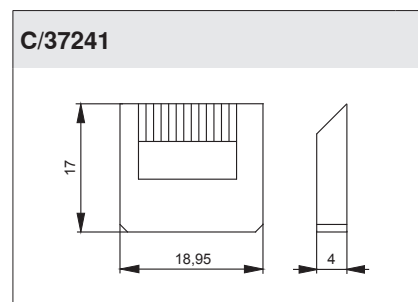
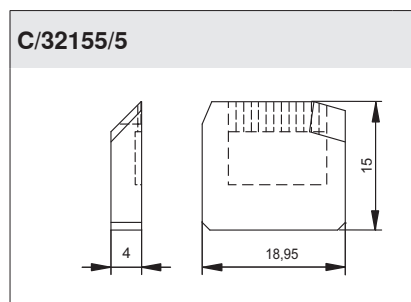
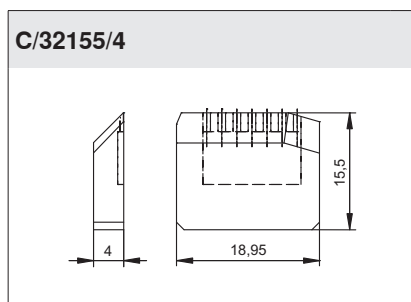
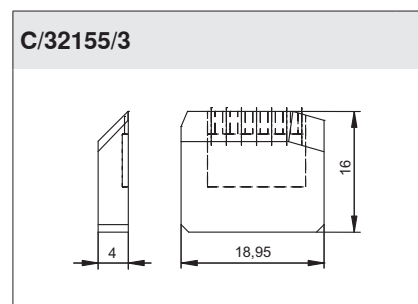
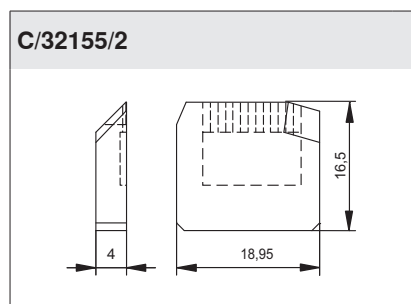
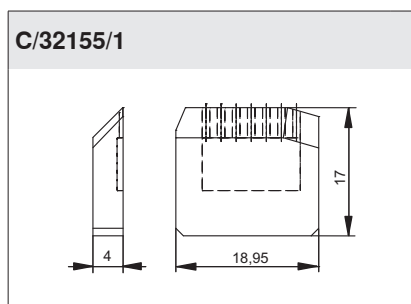
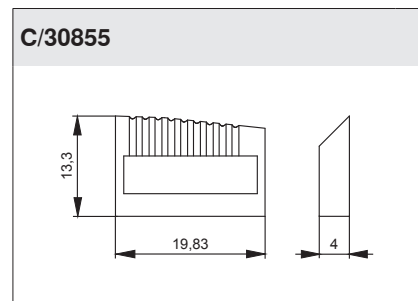
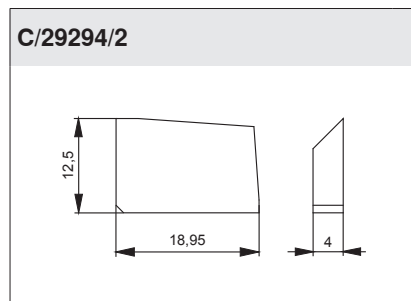
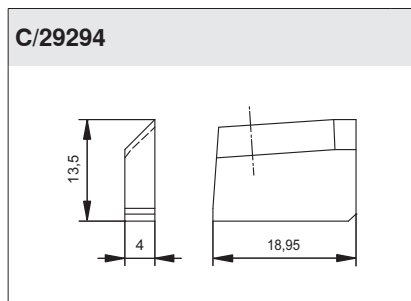
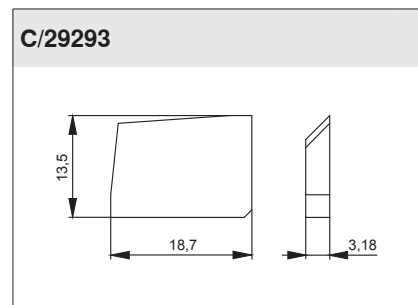
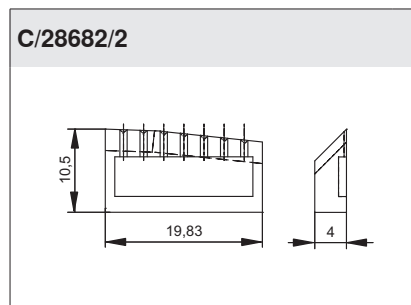
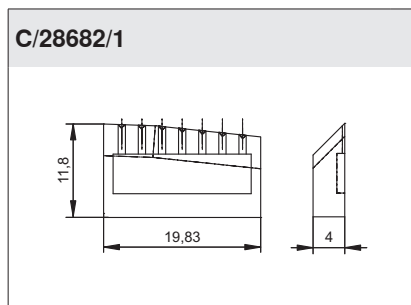
164-167

Chip breakers for insert of width 25

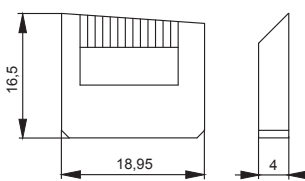
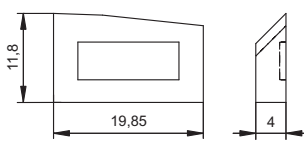
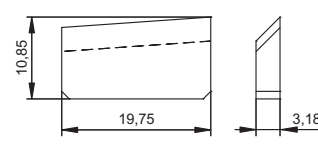
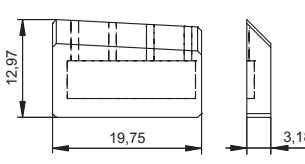
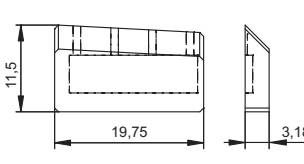
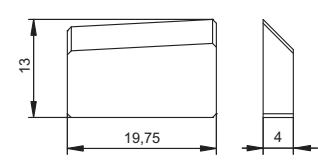
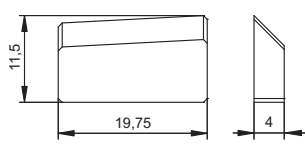
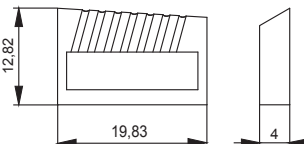
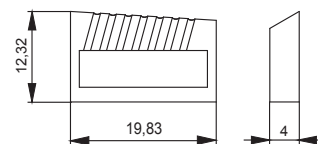
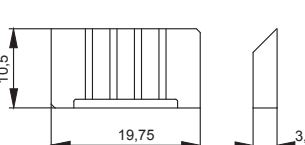
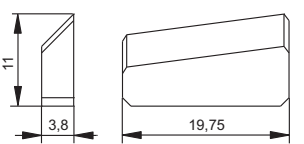
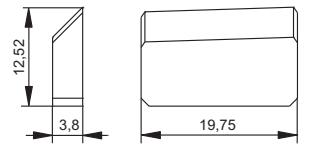
168-173

Chip breakers for insert of width 28,75

174



Chip breakers for inserts of width 20

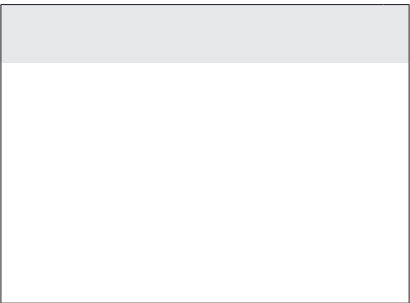
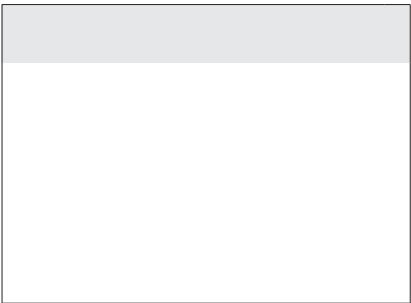
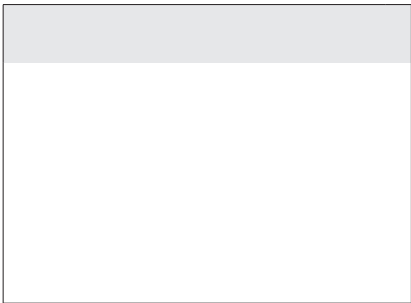
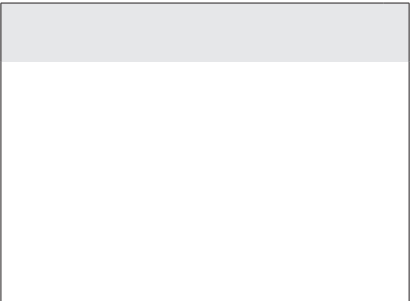
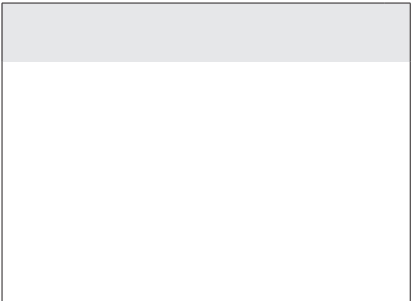
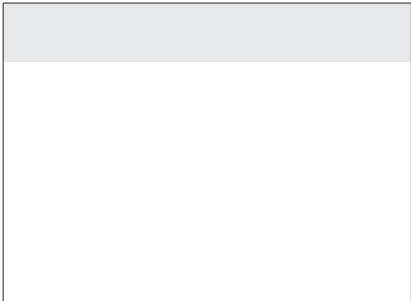
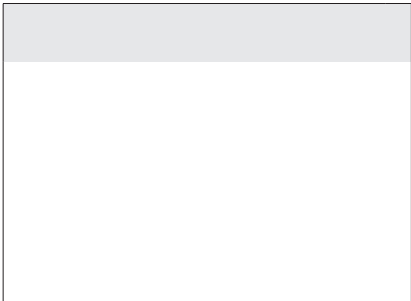
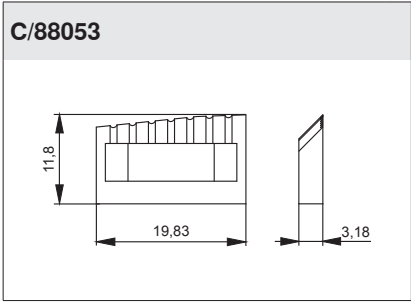
Index	Reference	Width mm	Height mm	Thickness mm	Coolant	
11-50	C/37821	18.95	16.5	4	Yes	
	C/38339	19.85	11.8	4	No	
	C/81964	19.75	10.85	3.18	No	
Threading- inserts	C/82147/1	19.75	12.97	3.18	Yes	
	C/82147/2	19.75	11.5	3.18	Yes	
	C/82155/1	19.75	13	4	No	
	C/82155/2	19.75	11.5	4	No	
52-141	C/84063/1	19.83	12.82	4	Yes	
	C/84063/2	19.83	12.32	4	Yes	
Shim seats	C/86060	19.75	10.5	3.18	Yes	
	C/87131	19.75	11	3.8	No	
	C/87133	19.75	12.52	3.8	No	
142-153						
Chip breakers	C/37821		C/38339		C/81964	
	154-174					
	C/82147/1		C/82147/2		C/82155/1	
	C/82155/2		C/84063/1		C/84063/2	
	C/86060		C/87131		C/87133	

Chip breakers Chip breakers for inserts of width 20



Reference	Width mm	Height mm	Thickness mm	Coolant
C/88053	19.83	11.8	3.18	Yes

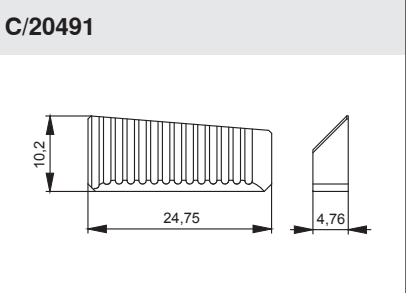
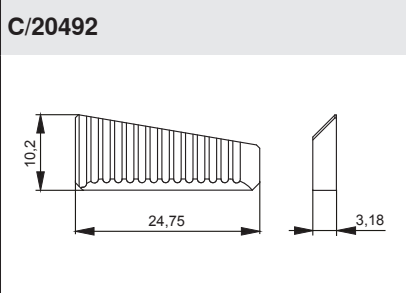
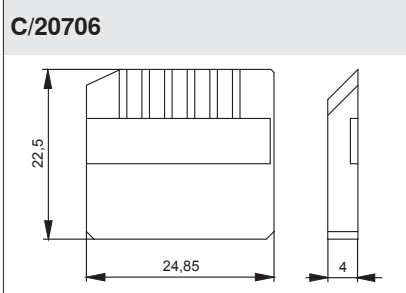
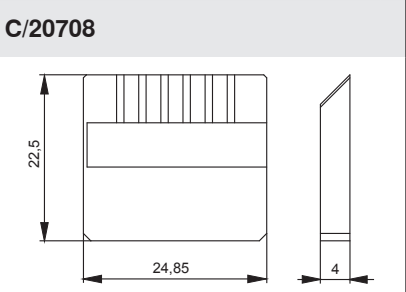
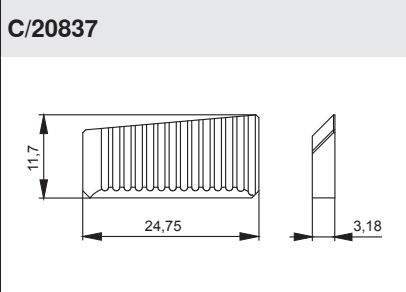
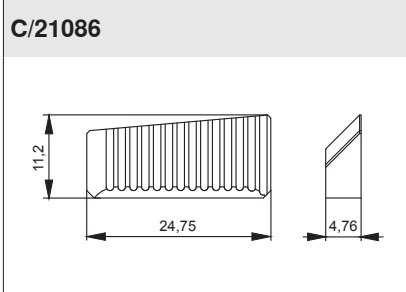
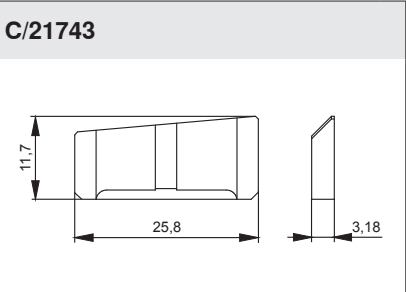
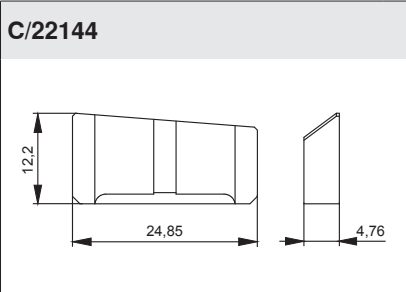
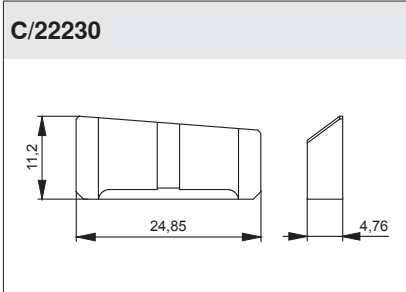
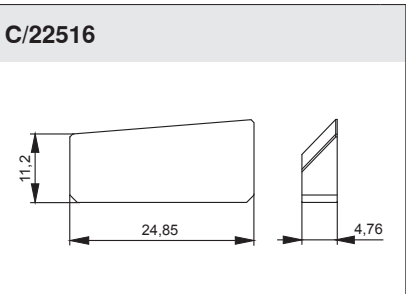
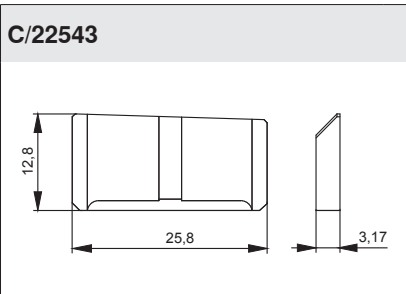
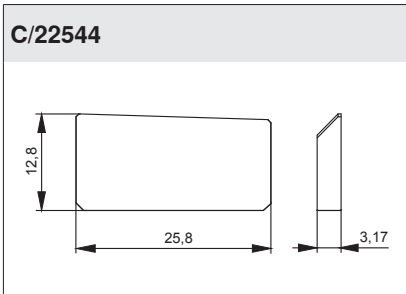
Chip breakers for insert of width 12,7
154-155
Chip breakers for insert of width 15
156-160
Chip breakers for insert of width 17
161-163
Chip breakers for insert of width 20
164-167
Chip breakers for insert of width 25
168-173
Chip breakers for insert of width 28,75
174



Chip breakers

Chip breakers for inserts of width 25

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/20491	24.75	10.2	4.76	Yes
	C/20492	24.75	10.2	3.18	Yes
	C/20706	24.85	22.5	4	Yes
	C/20708	24.85	22.5	4	Yes
	C/20837	24.75	11.7	3.18	Yes
Threading-inserts	C/21086	24.75	11.2	4.76	Yes
	C/21743	25.8	11.7	3.18	Yes
	C/22144	24.85	12.2	4.76	Yes
	C/22230	24.85	11.2	4.76	Yes
	C/22516	24.85	11.2	4.76	No
52-141	C/22543	25.8	12.8	3.17	Yes
	C/22544	25.8	12.8	3.17	No
142-153					

Chip breakers	154-174	C/20491 	C/20492 	C/20706 
		C/20708 	C/20837 	C/21086 
		C/21743 	C/22144 	C/22230 
		C/22516 	C/22543 	C/22544 

Chip breakers

Chip breakers for inserts of width 25

Reference	Width mm	Height mm	Thickness mm	Coolant
C/23617	24.85	10.2	4.76	No
C/23696	24.85	22	4	Yes
C/23765	24.85	11.2	3.18	No
C/23878	24.85	21	4	Yes
C/23879	24.85	20	4	Yes
C/23880	24.85	11.2	3.18	No
C/23881	24.85	10.2	3.18	No
C/23882	24.85	9.5	3.18	No
C/24355/1	24.85	12.2	3.18	No
C/24355/2	24.85	12.7	3.18	No
C/24356/1	24.85	12.2	4.76	No
C/24356/2	24.85	12.7	4.76	No

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

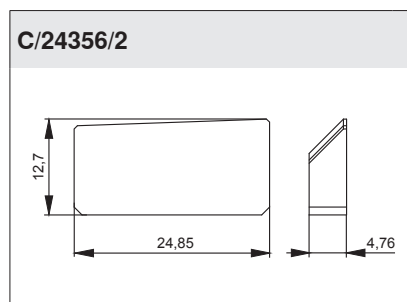
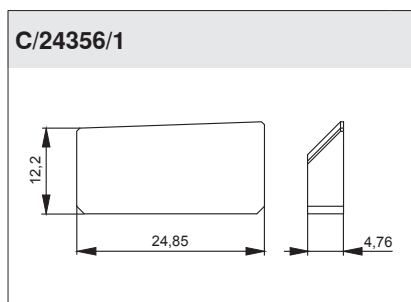
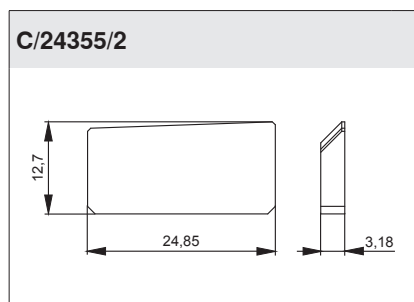
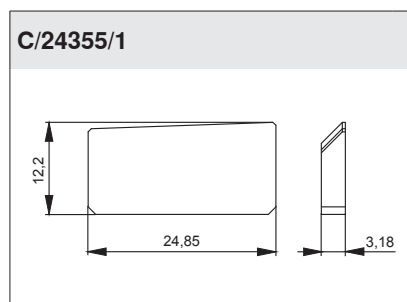
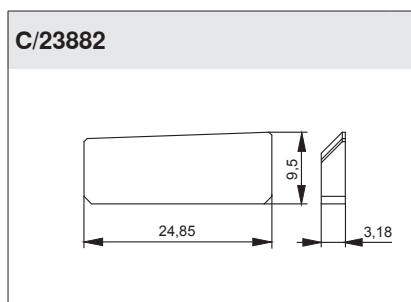
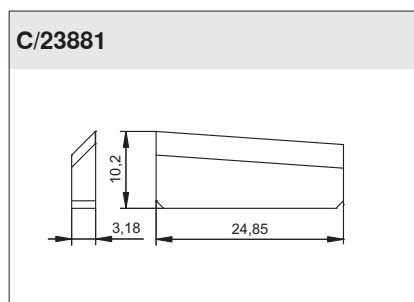
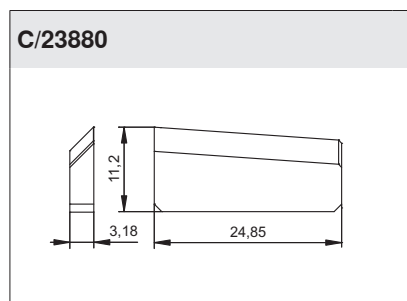
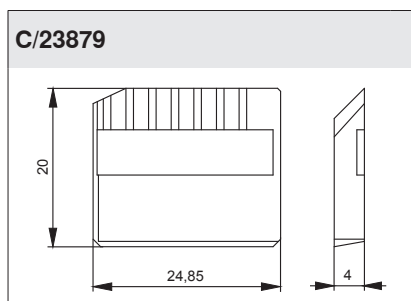
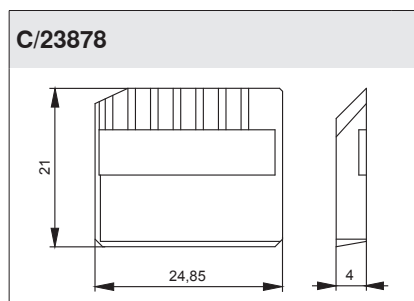
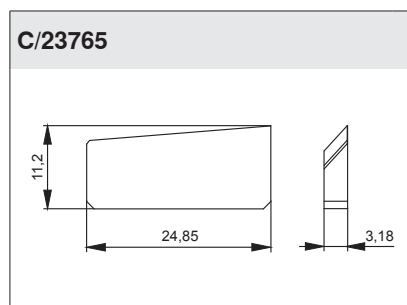
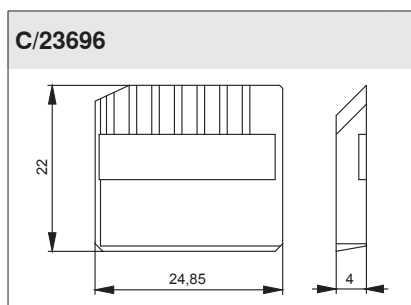
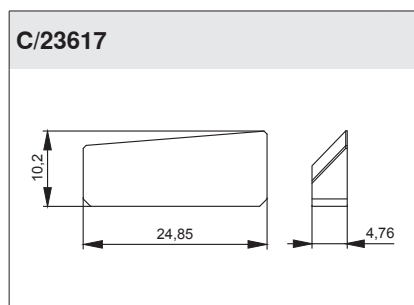
164-167

Chip breakers for insert of width 25

168-173

Chip breakers for insert of width 28,75

174



Chip breakers

Chip breakers for inserts of width 25

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/24505	21.55	13.47	4.4	Yes
	C/24698	21.55	13	4.4	Yes
	C/24699	21.55	12.6	4.4	Yes
	C/24700	21.55	13.5	4.4	Yes
Threading-inserts	C/24770/1	24.85	10.8	3.18	No
	C/24770/2	24.85	11.8	3.18	No
	C/24771	24.85	11.7	3.17	Yes
	C/25110/1	24.85	10.88	3.18	Yes
52-141	C/25110/2	24.85	10.38	3.18	Yes
	C/25125/1	24.85	10.36	3.18	No
	C/25125/2	24.85	11	3.18	No
	C/25125/3	24.85	11.5	3.18	No
Shim seats					
142-153					
Chip breakers	C/24505				
	C/24698				
154-174	C/24699				
	C/24700				
	C/24770/1				
	C/24770/2				
	C/24771				
	C/25110/1				
	C/25110/2				
	C/25125/1				
	C/25125/2				
	C/25125/3				

Chip breakers

Chip breakers for inserts of width 25



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Reference	Width mm	Height mm	Thickness mm	Coolant
C/25857	24.9	13.5	4.76	Yes
C/26076/1	24.75	11.8	3.17	Yes
C/26076/2	24.75	10.8	3.17	Yes
C/26215	24.9	19.8	4	Yes
C/26244	24.75	11.2	3.18	Yes
C/26245	24.75	11.2	3.18	Yes
C/26419/2	25.4	18	4	Yes
C/26419/3	25.4	19	4	Yes
C/26426	24.85	12	3.18	Yes
C/26717/1	24.75	13	4	Yes
C/26717/2	24.75	12.5	4	Yes
C/26717/3	24.75	12	4	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

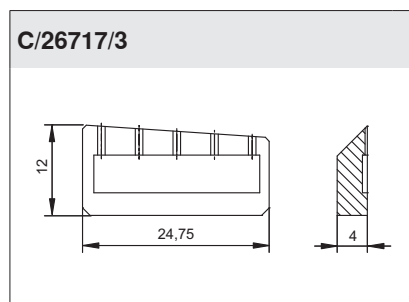
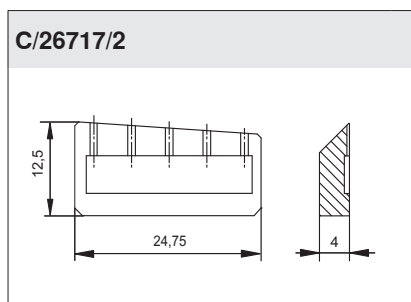
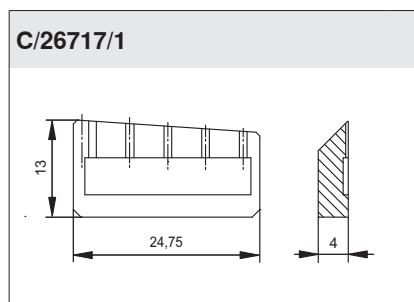
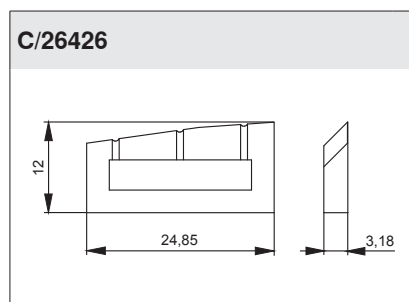
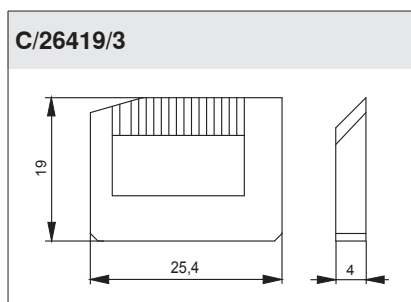
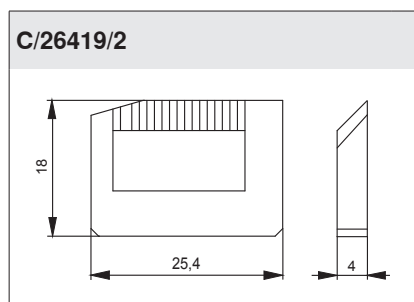
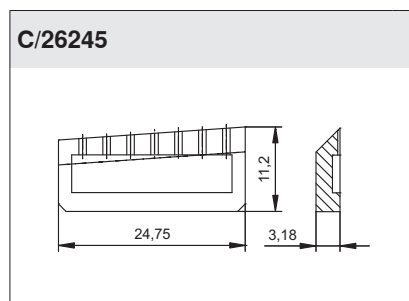
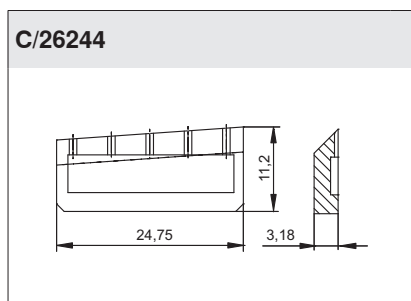
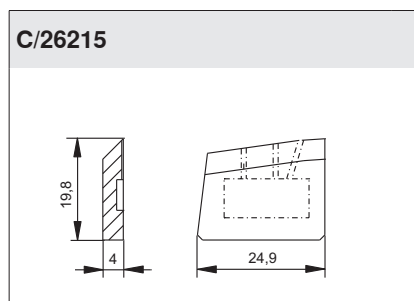
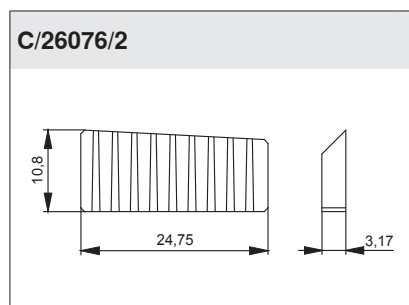
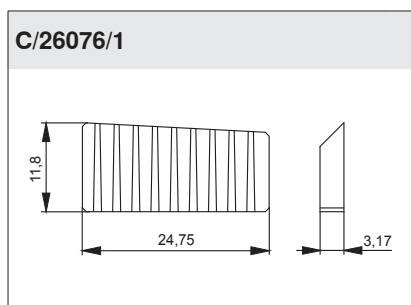
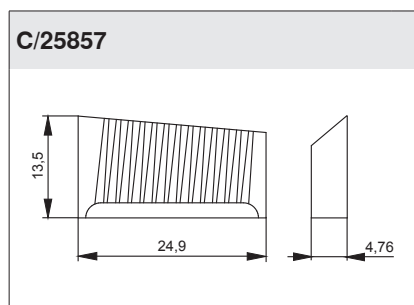
164-167

Chip breakers for insert of width 25

168-173

Chip breakers for insert of width 28,75

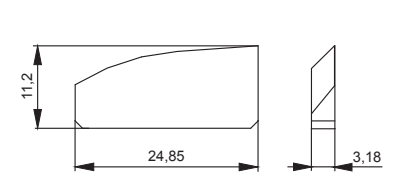
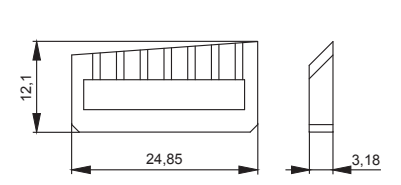
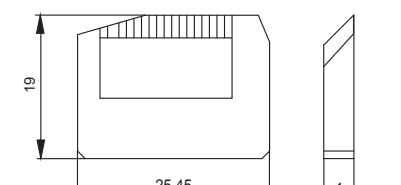
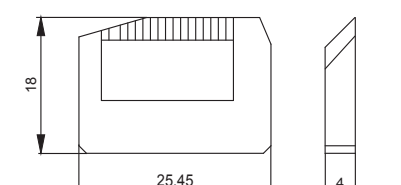
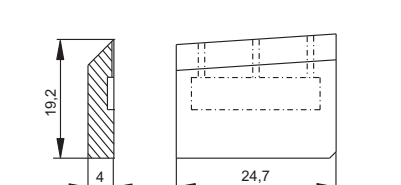
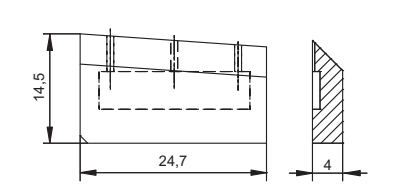
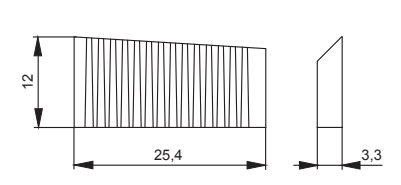
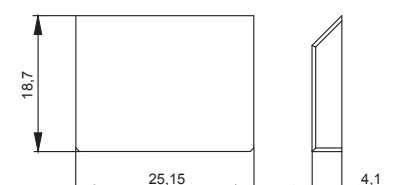
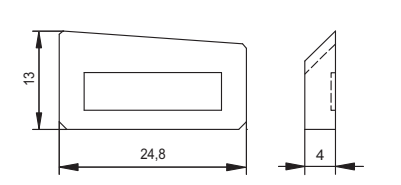
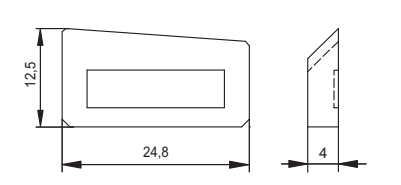
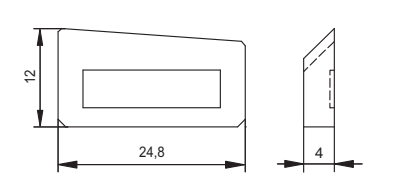
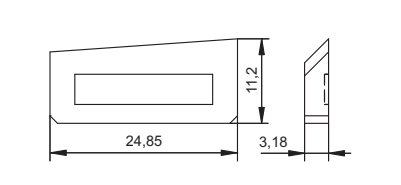
174



Chip breakers

Chip breakers for inserts of width 25

Index	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/26993	24.85	11.2	3.18	No
	C/27633	24.85	12.1	3.18	Yes
	C/29667/1	25.45	19	4	Yes
	C/29667/2	25.45	18	4	Yes
	C/30150	24.7	19.2	4	Yes
Threading-inserts	C/36624	24.7	14.5	4	Yes
	C/37035	25.4	12	3.3	Yes
	C/37079	25.15	18.7	4.1	No
	C/38336/1	24.8	13	4	No
	C/38336/2	24.8	12.5	4	No
Shim seats	C/38336/3	24.8	12	4	No
	C/38338	24.85	11.2	3.18	No

142-153	
Chip breakers	C/26993 
	C/27633 
154-174	C/29667/1 
	C/29667/2 
	C/30150 
	C/36624 
	C/37035 
	C/37079 
	C/38336/1 
	C/38336/2 
	C/38336/3 
	C/38338 

Chip breakers

Chip breakers for inserts of width 25



173

Reference	Width mm	Height mm	Thickness mm	Coolant
C/82297/1	24.75	13	4	No
C/82297/2	24.75	11.5	4	No
C/82587	24.7	12.72	3.18	Yes
C/82589	24.7	12.72	4	Yes
C/83354/1	24.75	12.2	4	No
C/83354/2	24.75	11.4	4	No
C/83354/3	24.75	10.7	4	No
C/89316	24.75	12.5	4	Yes
C/89335	22	13	4.4	Yes

Chip breakers for insert of width 12,7

154-155

Chip breakers for insert of width 15

156-160

Chip breakers for insert of width 17

161-163

Chip breakers for insert of width 20

164-167

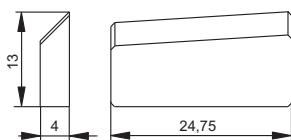
Chip breakers for insert of width 25

168-173

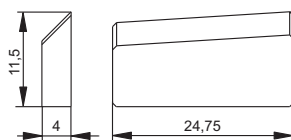
Chip breakers for insert of width 28,75

174

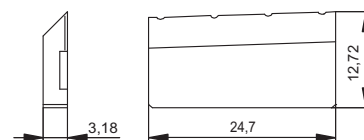
C/82297/1



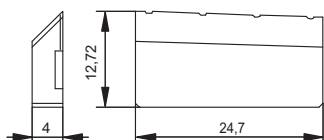
C/82297/2



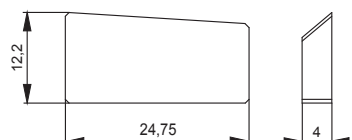
C/82587



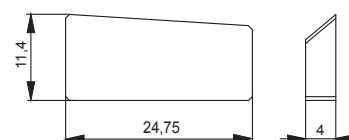
C/82589



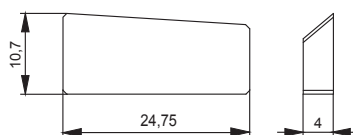
C/83354/1



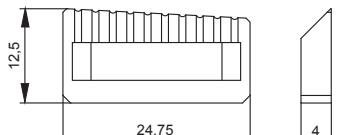
C/83354/2



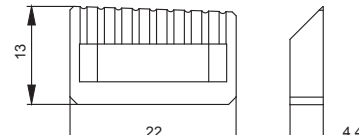
C/83354/3



C/89316

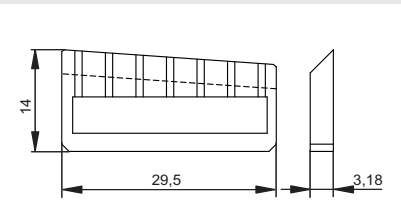
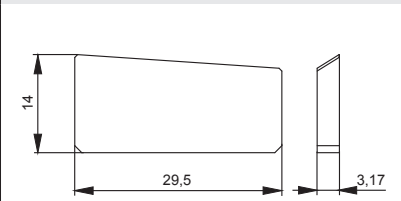
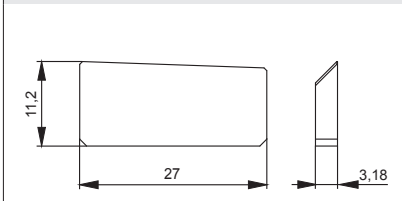
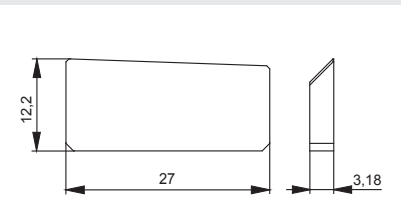
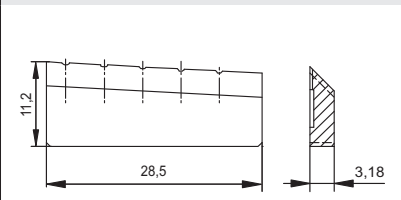


C/89335



Chip breakers

Chip breakers for inserts of width 28,75

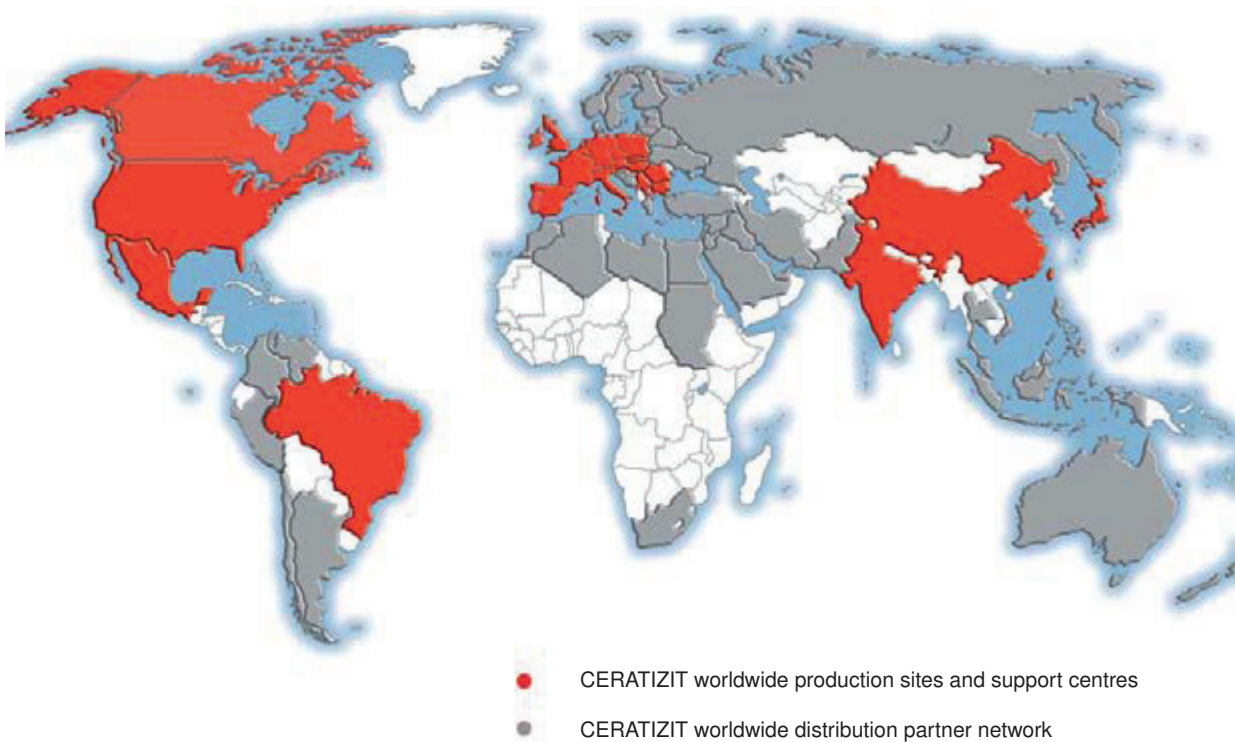
Index					
	Reference	Width mm	Height mm	Thickness mm	Coolant
11-50	C/21335	29.5	14	3.18	Yes
	C/21782	29.5	14	3.17	No
	C/25218/1	27	11.2	3.18	No
Threading-inserts	C/25218/2	27	12.2	3.18	No
	C/37768	28.5	11.2	3.18	Yes
52-141					
Shim seats					
142-153					
Chip breakers	C/21335				
	C/21782				
	C/25218/1				
154-174	C/25218/2				
	C/37768				

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