CATALOGUE
2026-27













UNIVERSAL®

Your Tooling Partner in Precision...

UNBEATABLE PERFORMANCE WITH LONG WORKING LIFE

AN ISO 9001:2015 CERTIFIED COMPANY

MADE IN INDIA
SINCE 1995

ACCUTEC®
Where Innovation Meets Excellence

"THE TOOLING INDUSTRY'S BIGGEST MANUFACTURING PLANT,
FULLY EQUIPPED WITH EUROPEAN TECHNOLOGY & A COMMITMENT TO PRECISION,





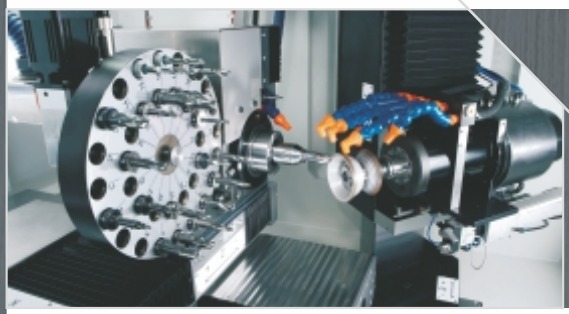
Truly Universal India's No.1

Universal Ideas or Standards Are Those Which Suits Everybody's Needs and Are Relevant Anywhere in The World. Universal Tools Have That Same Qualities, That's Why after Great Success in India It's Now Used By Many Counties Outside India.



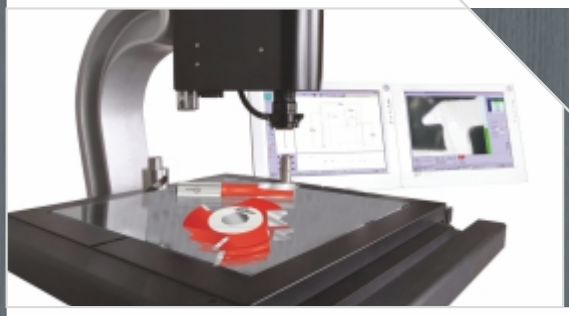
Decisive Design & Mfg. Expertise

Universal Tools Offer All The Trendy and In Vogue Wood Design, But Similarly Covers the Extra-ordinary Ones Too! This Design Skill Combined Wirth Engineering Expertise Makes Your Universal Deal Powerful.



Precision and Productivity Assured

Each And Every Tool Is Quality Checked to Assure Its Precision Performance. German Standard Carbide Tips are machined to Retain Its Sharp Edge Longer and Take Multiple Re-grinding. Hologram Sticker and Engraved Branding is Your Guarantee Of It's Originality.



Happy Users, Across The Continents

Millions Of Tool Have Been Sold During The 30 Years Of Aggressive Growth of Universal Tools Industries. Thousand of Customers In India Vouch For It's Superiority And Now The World Is Discovering Quality And Cost Benefits of "universal". Thank You For Making It India's No. 1 Tools-Brand.



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About us :

UNIVERSAL Tools Industries. With Head Quarter in Gujarat - India stands as a Leading Manufacturer of TCT and PCD Quality Toolings. UNIVERSAL Specializing in the Manufacturing of High Quality TCT and PCD Raw Material Brazed and Replaceable Toolings for Panel Processing and Solid Wood Industry. UNIVERSAL commitment to excellence is evident in their state-of-the-art tool room equipped with cutting-edge European automatic machineries. Major Part of High Quality European Raw Material With Mass Production Capacity UNIVERSAL Have Biggest Dealer Network With Prime Dealers World Wide. UNIVERSAL Products Spectrum Include Entire Range of Tooling For Solid Wood and Panel Processing To Every Need of Complete Furniture Making. A Quality Tooling Can Do Its Best if Service and Maintain it With Regular Schedule. Therefore UNIVERSAL Provide Sales & Service Centers in Metros City of India For Expert Reconditioning of All Toolings. After Sales of Tooling UNIVERSAL Provide Best Support For Your Informative Needs. That's Why From last 30 Year UNIVERSAL Truly Called Leader of Market.

» CORE VALUES

Continuous Innovation

Do Something Innovative. Different & Best.

Working Unitedly

Team work Will Divide Task and Multiply The Success Focus on Strength of Employees.

Value of Money

Customer will Get 100 % Return by Usage of Products.

Never Give Up

Continuously pushing ourselves Every time – Effectiveness, Productivity, Management and Strategies.

www.universaltools.co.in

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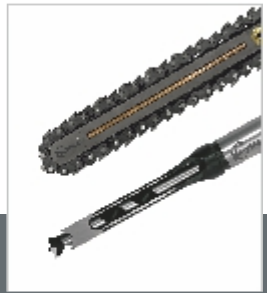
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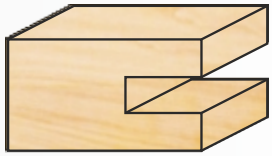


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REPLACEABLE KNIVES PLANING CUTTER HEAD
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Grooving Cutter - 601A to 635





DIA-3"xBORE-20x6TEETH

(Use In CM-4 Machine)

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
601-A	75	20	3	6
602-A	75	20	4	6
603-A	75	20	5	6
604-A	75	20	6	6
605-A	75	20	8	6
606-A	75	20	9	6
607-A	75	20	10	6
608-A	75	20	12	6

DIA-3"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
601-B	75	1"	3	6
602-B	75	1"	4	6
603-B	75	1"	5	6
604-B	75	1"	6	6
605-B	75	1"	8	6
606-B	75	1"	9	6
607-B	75	1"	10	6
608-B	75	1"	12	6

DIA-4"xBORE-20x6TEETH

(Use In CM-4 Machine)

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
601	100	20	3	6
602	100	20	4	6
603	100	20	5	6
604	100	20	6	6
605	100	20	8	6
606	100	20	9	6
607	100	20	10	6
608	100	20	12	6

DIA-4"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
609	100	1"	3	6
610	100	1"	4	6
611	100	1"	5	6
612	100	1"	6	6
613	100	1"	8	6
614	100	1"	9	6
615	100	1"	10	6
616	100	1"	12	6

DIA-4½"xBORE-1¼"x6TEETH

(Use In Spindle Moulder Machine)

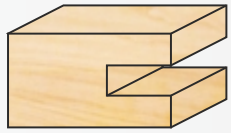
Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
617	110	1¼"	3	6
618	110	1¼"	4	6
619	110	1¼"	5	6
620	110	1¼"	6	6
621	110	1¼"	8	6
622	110	1¼"	9	6
623	110	1¼"	10	6
624	110	1¼"	12	6
625	110	1¼"	15	6
626	110	1¼"	19	6
627	110	1¼"	25	6
628	110	1¼"	32	6
629	110	1¼"	38	6

DIA-5"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
630	125	1"	4	6
631	125	1"	6	6
632	125	1"	8	6
633	125	1"	9	6
634	125	1"	10	6
635	125	1"	12	6

Grooving Cutter - 636 to 686







(Use In Spindle Moulder Machine)

DIA-6"xBORE-¾"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
636	150	¾"	3	6
636-A	150	¾"	3.5	6
637	150	¾"	4	6
638	150	¾"	5	6
639	150	¾"	6	6
640	150	¾"	8	6
641	150	¾"	9	6
642	150	¾"	10	6
643	150	¾"	12	6
644	150	¾"	15	6
645	150	¾"	19	6
645-A	150	¾"	22	6
646	150	¾"	25	6
647	150	¾"	32	6
647-A	150	¾"	35	6
648	150	¾"	38	6

DIA-6"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
649	150	1"	3	6
649-A	150	1"	3.5	6
650	150	1"	4	6
651	150	1"	5	6
652	150	1"	6	6
653	150	1"	8	6
654	150	1"	9	6
655	150	1"	10	6
656	150	1"	12	6
657	150	1"	15	6
658	150	1"	19	6
658-A	150	1"	22	6
659	150	1"	25	6
660	150	1"	32	6
660-A	150	1"	35	6
661	150	1"	38	6

DIA-6"xBORE-1¼"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
662	150	1¼"	3	6
662-A	150	1¼"	3.5	6
663	150	1¼"	4	6
664	150	1¼"	5	6
665	150	1¼"	6	6
666	150	1¼"	8	6
667	150	1¼"	9	6
668	150	1¼"	10	6
669	150	1¼"	12	6
670	150	1¼"	15	6
671	150	1¼"	19	6
671-A	150	1¼"	22	6
672	150	1¼"	25	6
673	150	1¼"	32	6
673-A	150	1¼"	35	6
674	150	1¼"	38	6

DIA-8"xBORE-1"x8TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
675	200	1"	4	8
676	200	1"	5	8
677	200	1"	6	8
678	200	1"	8	8
679	200	1"	9	8
680	200	1"	10	8
681	200	1"	12	8
682	200	1"	15	8
683	200	1"	19	8
684	200	1"	25	8
685	200	1"	32	8
685-A	200	1"	35	8
686	200	1"	38	8

In Side Molem Cutter - 850 to 860-L





1" BORE - RIGHT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
850	125	1"	8	3
851	125	1"	10	3
852	125	1"	12	3
853	125	1"	15	3
854	125	1"	19	3
855	125	1"	22	3
856	125	1"	25	3
857	125	1"	27	3
858	125	1"	32	3
859	125	1"	35	3
860	125	1"	38	3

1¼" BORE - RIGHT SIDE

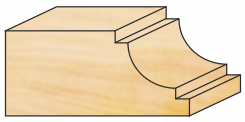
Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
850-R	125	1¼"	8	3
851-R	125	1¼"	10	3
852-R	125	1¼"	12	3
853-R	125	1¼"	15	3
854-R	125	1¼"	19	3
855-R	125	1¼"	22	3
856-R	125	1¼"	25	3
857-R	125	1¼"	27	3
858-R	125	1¼"	32	3
859-R	125	1¼"	35	3
860-R	125	1¼"	38	3

1¼" BORE - LEFT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
850-L	125	1¼"	8	3
851-L	125	1¼"	10	3
852-L	125	1¼"	12	3
853-L	125	1¼"	15	3
854-L	125	1¼"	19	3
855-L	125	1¼"	22	3
856-L	125	1¼"	25	3
857-L	125	1¼"	27	3
858-L	125	1¼"	32	3
859-L	125	1¼"	35	3
860-L	125	1¼"	38	3

Out Side Molem Cutter - 861 to 867



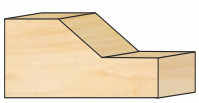


1" BORE - RIGHT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
861	125	1"	8	3
862	125	1"	10	3
863	125	1"	12	3
864	125	1"	15	3
865	125	1"	19	3
866	125	1"	22	3
867	125	1"	25	3

Door Frame Cutter 45° - 2099 to 3000-A

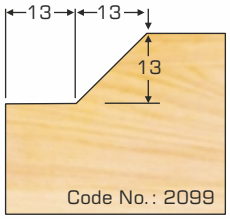


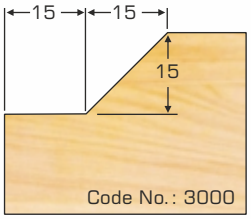


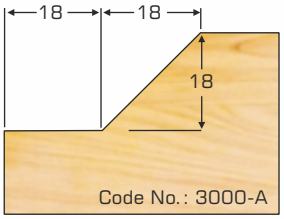
Code No.	A (mm)	B (mm)	C (mm)	Cutter Thickness
2099	13	13	13	26
3000	15	15	15	30
3000-A	18	18	18	36

Common Factor For All Cutters

Dia (mm)	Bore (mm)	Teeth
125	25.4	3T



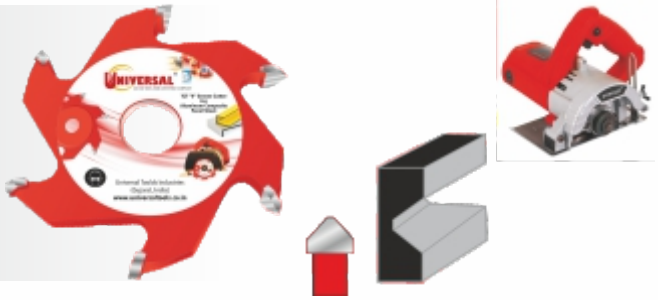




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"V" Groove Cutter - E-1221 to 1240

USE IN CM-4 Machine



"V" Groove Cutter (Dia - 4") Standard Series

(Use In CM-4 Machine)

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
E-1221	100	20	4	6
E-1225	100	20	6	6
E-1229	100	20	8	6
E-1233	100	20	10	6
E-1237	100	20	12	6

"V" Groove Cutter (Dia - 4") Premium Series

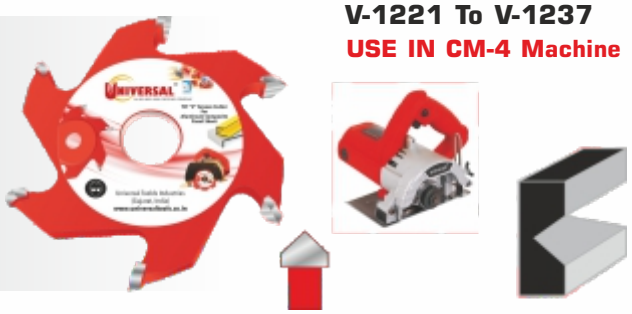
(Use In CM-4 Machine)

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
1221	100	20	4	6
1222	100	20	4	8
1223	100	20	4	10
1224	100	20	4	12
1225	100	20	6	6
1226	100	20	6	8
1227	100	20	6	10
1228	100	20	6	12
1229	100	20	8	6
1230	100	20	8	8
1231	100	20	8	10
1232	100	20	8	12
1233	100	20	10	6
1234	100	20	10	8
1235	100	20	10	10
1236	100	20	10	12
1237	100	20	12	6
1238	100	20	12	8
1239	100	20	12	10
1240	100	20	12	12

"V" Groove Cutter 90° (Pointed)

V-1221 To V-1237

USE IN CM-4 Machine



"V" Groove Cutter (Dia - 3")

1221-3IN To 1237-3IN

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
E-1221-3IN	75	20	4	6
E-1225-3IN	75	20	6	6
E-1229-3IN	75	20	8	6
E-1233-3IN	75	20	10	6
E-1237-3IN	75	20	12	6

Grooving Cutter - 601 to 608

USE IN CM-4 Machine



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
601	100	20	3	6
602	100	20	4	6
603	100	20	5	6
604	100	20	6	6
605	100	20	8	6
606	100	20	9	6
607	100	20	10	6
608	100	20	12	6

Radius Cutter - 1221-R to 1237-R

USE IN CM-4 Machine



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
1221-R	100	20	4	6
1225-R	100	20	6	6
1229-R	100	20	8	6
1233-R	100	20	10	6
1237-R	100	20	12	6

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
V-1221	100	20	4	6
V-1225	100	20	6	6
V-1229	100	20	8	6
V-1233	100	20	10	6
V-1237	100	20	12	6

T.C.T. Hand Planner Knife

Standard Series



Code No.	Width (inch)	Thick (mm)	All Over Length
969-P	1"(Plain)	2mm	130
969A-P	1¼" (Plain)	2mm	130
970-P	1½"(Plain)	2mm	130
971-P	1¾"(Plain)	2mm	140
971-H	1¾"(Slot)	2mm	140
972-P	2"(Plain)	2mm	140
972-H	2"(Slot)	2mm	140
973-P	2½"(Plain)	2mm	150
973-H	2½"(Slot)	2mm	150
974-P	35mm(Plain)	2mm	90
975-P	42mm(Plain)	2mm	120

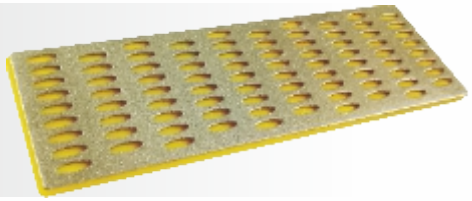
T.C.T. Hand Planner Knife

Premium Series



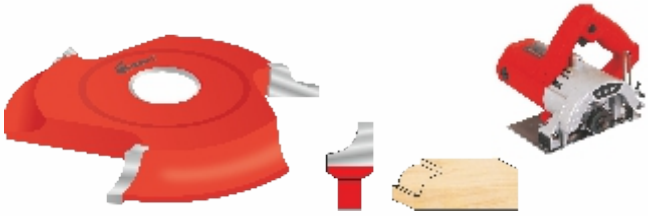
Code No.	Width (inch)	Thick (mm)	All Over Length
Pro-969-P	1"(Plain)	2mm	130
Pro-969A-P	1¼" (Plain)	2mm	130
Pro-970-P	1½"(Plain)	2mm	130
Pro-971-P	1¾"(Plain)	2mm	140
Pro-971-H	1¾"(Slot)	2mm	140
Pro-972-P	2"(Plain)	2mm	140
Pro-972-H	2"(Slot)	2mm	140
Pro-973-P	2½"(Plain)	2mm	150
Pro-973-H	2½"(Slot)	2mm	150
Pro-974-P	35mm(Plain)	2mm	90
Pro-975-P	42mm(Plain)	2mm	120

Diamond Sharpening Stone



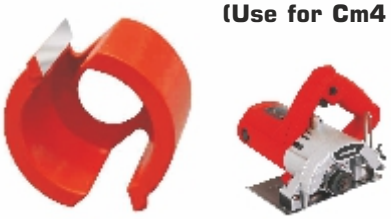
Code No.	Width (inch)	Length (mm)
DS-101	2"	6"

Molem Cutter (Use for Cm4 Machine)



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
M-1221	100	20	8	3
M-1225	100	20	10	3
M-1229	100	20	12	3

Beading Cutter (for Planning Purposes) (Use for Cm4 Machine)



Code No.	Dia (mm)	Teeth	Thick (mm)	Bore (mm)
BC-1	60	2	25	20
BC-2	60	2	32	20
BC-3	60	3	25	20
BC-4	60	3	32	20

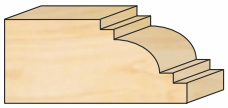
Double Fillet Cove Frame Cutter

2001 to 2014A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2001	15x15	12
2002	18x18	15
2003	20x20	17
2004	22x22	19
2005	25x25	22
2006	28x15	25
2007	28x28	25
2008	32x18	28
2009	32x32	28
2010	36x15	32
2011	36x18	32
2012	36x22	32
2013	36x28	32
2014	36x36	32
2014A	44x44	38

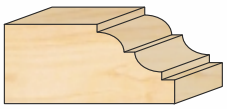
Multi Form Frame Cutter

2029 to 2042A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2029	15x15	12
2030	18x18	15
2031	20x20	17
2032	22x22	19
2033	25x25	22
2034	28x15	25
2035	28x28	25
2036	32x18	28
2037	32x32	28
2038	36x15	32
2039	36x18	32
2040	36x22	32
2041	36x28	32
2042	36x36	32
2042A	44x44	38

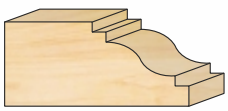
Ogee Double Fillet Frame Cutter

2015 to 2028A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2015	15x15	12
2016	18x18	15
2017	20x20	17
2018	22x22	19
2019	25x25	22
2020	28x15	25
2021	28x28	25
2022	32x18	28
2023	32x32	28
2024	36x15	32
2025	36x18	32
2026	36x22	32
2027	36x28	32
2028	36x36	32
2028A	44x44	38

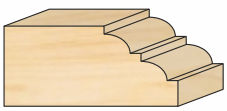
Double Round Fillet Frame Cutter

2043 to 2056A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2043	15x15	12
2044	18x18	15
2045	20x20	17
2046	22x22	19
2047	25x25	22
2048	28x15	25
2049	28x28	25
2050	32x18	28
2051	32x32	28
2052	36x15	32
2053	36x18	32
2054	36x22	32
2055	36x28	32
2056	36x36	32
2056A	44x44	38

FRAME CUTTERS

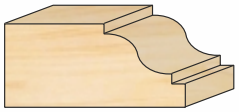
Ogee Fillet Frame Cutter

2057 to 2070A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2057	15x15	12
2058	18x18	15
2059	20x20	17
2060	22x22	19
2061	25x25	22
2062	28x15	25
2063	28x28	25
2064	32x18	28
2065	32x32	28
2066	36x15	32
2067	36x18	32
2068	36x22	32
2069	36x28	32
2070	36x36	32
2070A	44x44	38

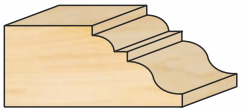
Classical Ogee Frame Cutter

2071 to 2084A



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2071	15x15	12
2072	18x18	15
2073	20x20	17
2074	22x22	19
2075	25x25	22
2076	28x15	25
2077	28x28	25
2078	32x18	28
2079	32x32	28
2080	36x15	32
2081	36x18	32
2082	36x22	32
2083	36x28	32
2084	36x36	32
2084A	44x44	38

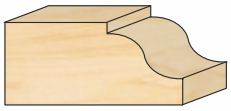
Ogee Frame Cutter

2085 to 2090



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2085	15x15	12
2086	18x18	15
2087	20x20	17
2088	22x22	19
2089	25x25	22
2090	28x15	25

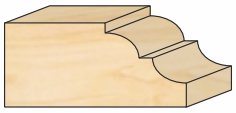
Classical Ogee Frame Cutter

2091 to 2098



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2091	15x15	12
2092	18x18	15
2093	20x20	17
2094	22x22	19
2095	25x25	22
2096	28x15	25
2097	28x28	25
2098	32x18	28

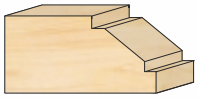
Tapper with Degree Frame Cutter

2098A to 2098F



Common Factor For All Cutters

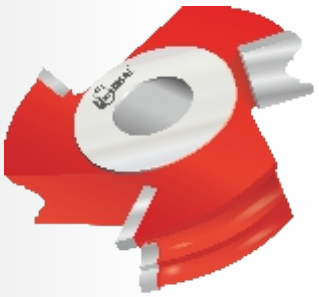
DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
2098A	15x15	12
2098B	18x18	15
2098C	20x20	17
2098D	22x22	19
2098E	25x25	22
2098F	28x28	25

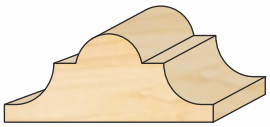
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Classical Profile Cutter - 1001 to 1011



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1001	15x8	19
1002	18X10	25
1003	20X8	25
1004	20x10	25
1005	22x8	25
1006	22x10	25
1007	25x10	30
1008	28x10	32
1009	32X10	38
1010	32X12	38
1011	36X15	38

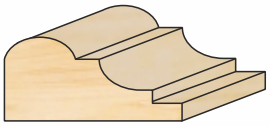
Cove & Full Bead Profile Cutter

1012A to 1027



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1012A	15x8	19
1012	15x10	19
1013	15x15	19
1014	19x8	25
1015	19x10	25
1016A	19x15	25
1016B	19x19	25
1016	20x8	25
1017	20x10	25
1018	22x8	25
1019	22x10	25
1020	22x15	25
1021A	22x18	32
1021	22x22	32
1022A	28x10	35
1022	28x12	35
1023	28x15	35
1024A	32x10	38
1024	32x12	38
1025	32x15	38
1026A	35x10	45
1026	35x12	45
1027	36x15	45

Four Flute Cutter - 1028 to 1032



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108		



Code No.	Wood Size (mm)	Cutter Thickness
1028	20x8	32
1029	22x8	32
1030	22x10	32
1031	28x10	38
1032	35x10	45

Screen Mould Cutter - 1033 to 1040



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



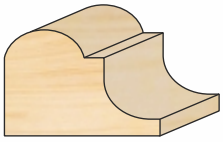
Code No.	Wood Size (mm)	Cutter Thickness
1033	15x8	25
1034	20x10	32
1035	22x10	32
1036	28x10	38
1037	32x10	38
1038	32x12	38
1039	36x12	45
1040	36x15	45

Cove Bead Cutter - 1041 to 1046



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1041	10x15	19
1042	15x10	19
1043	15x15	19
1044	18x10	25
1045	22x10	25
1046	22x15	25

Cove Ogee Cutter - 1047 to 1057



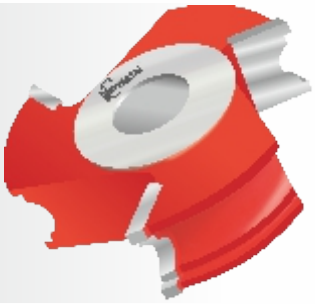
Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



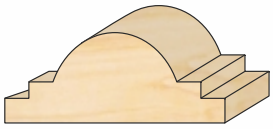
Code No.	Wood Size (mm)	Cutter Thickness
1047-A	15x10	19
1047	15x15	19
1048-A	19x10	25
1048	19x15	25
1049-A	20x8	25
1049	20x10	25
1050-A	22x8	25
1050	22x10	25
1051	22x15	25
1052	28x12	35
1053	28x15	35
1054	32x12	38
1055	32x15	38
1056	35x12	45
1057	35x15	45

Classical Cutter - 1058 to 1069



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



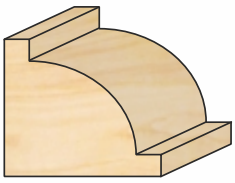
Code No.	Wood Size (mm)	Cutter Thickness
1058	15x8	19
1059	18x8	25
1060	18x10	25
1061	20x8	25
1062	20x10	25
1063	22x8	25
1064	22x10	25
1065	32x10	38
1066	32x12	38
1067	36x12	38
1068	36x15	38
1069	45x15	50

Beading Cutter - 1070A to 1074



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1070A	8x8	19
1070	10x10	25
1071	12x12	25
1072	15x15	32
1073	19x19	38
1074A	22x22	45
1074	25x25	50

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Classical Cutter - 1075 to 1082



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1075	18x10	25
1076	20x10	25
1077	22x10	25
1078	28x12	32
1079	32x10	38
1080	32x12	38
1081	36x12	38
1082	45x15	50

Beading Cutter - 1096 to 1103



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



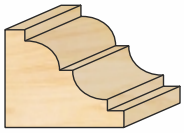
Code No.	Wood Size (mm)	Cutter Thickness
1096	12x8	19
1097	15x8	19
1098	20x10	25
1099	22x10	25
1100	28x10	32
1101	32x10	38
1102	32x12	38
1103	36x12	38

Multi Form Cutter - 1083 to 1095



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1083	12x12	25
1083A	15x15	32
1084	18x18	38
1085	22x22	45
1086	25x25	50
1087	28x28	50
1088	32x32	55
1089	36x36	65
1090	45x22	60
1091	45x45	75
1092	58x36	80
1093	58x58	100
1094	70x35	90
1095	70x70	120

Bead Cutter - 1104 to 1117



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



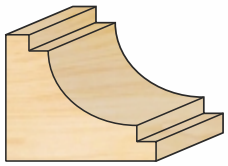
Code No.	Wood Size (mm)	Cutter Thickness
1104	12x5	19
1105	12x7	19
1106	15x7	25
1107	18x10	25
1108	19x10	25
1109	20x8	30
1110	20x10	32
1111	22x8	32
1112	22x10	32
1113	25x10	32
1114	28x12	38
1115	32x10	38
1116	32x15	38
1117	36x12	45

Cavetto Cutter - 1118 to 1122



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1118	10x10	25
1119	12x12	25
1120	15x15	32
1121	19x19	38
1122	22x22	45

Cove Cutter - 1131 to 1136



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



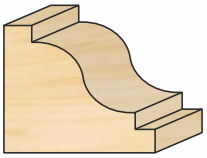
Code No.	Wood Size (mm)	Cutter Thickness
1131	22x10	25
1132	22x15	25
1133	28x12	32
1134	28x15	32
1135	32x12	38
1136	32x15	38

Ogee Cutter - 1123 to 1130C



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1123	15x15	32
1124	18x18	38
1125	22x22	45
1126	25x25	50
1127	28x28	50
1128	32x32	60
1129	36x36	65
1130	38x38	70
1130A	45x45	75
1130B	58x58	100
1130C	70x70	120

Classical Cutter - 1137 to 1147



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1137	15x6	19
1138	19x8	25
1139	20x8	25
1140	20x10	25
1141	22x8	25
1142	22x10	25
1143	25x8	32
1144	28x8	32
1145	32x8	38
1146	32x10	38
1147	36x10	38

Cove Ogee Cutter - 1148 to 1155



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



Code No.	Wood Size (mm)	Cutter Thickness
1148	15x10	19
1149	19x10	25
1150	20x10	25
1151	22x10	25
1152	28x10	32
1153	32x10	38
1154	38x12	45
1155	45x15	50

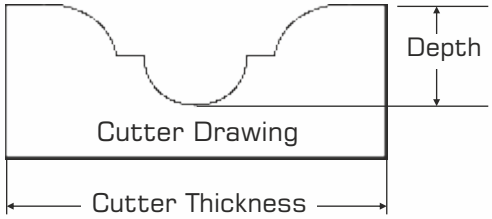
PROFILE CUTTERS





As Per Sample & As Per Drawing

Drawing Example



Profile Cutter up to Diameter 110mm
(Design Depth up to 6mm)

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth
PC-1906-3	up to 19	6mm
PC-2506-3	20 to 25	6mm
PC-3206-3	26 to 32	6mm
PC-3806-3	33 to 38	6mm
PC-5006-3	39 to 50	6mm
PC-6006-3	51 to 60	6mm
PC-7006-3	61 to 70	6mm
PC-8006-3	71 to 80	6mm
PC-9006-3	81 to 90	6mm
PC-10006-3	91 to 100	6mm

Profile Cutter up to Diameter 110mm
(Design Depth up to 14mm)

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth
PC-1914-3	up to 19	14mm
PC-2514-3	20 to 25	14mm
PC-3214-3	26 to 32	14mm
PC-3814-3	33 to 38	14mm
PC-5014-3	39 to 50	14mm
PC-6014-3	51 to 60	14mm
PC-7014-3	61 to 70	14mm
PC-8014-3	71 to 80	14mm
PC-9014-3	81 to 90	14mm
PC-10014-3	91 to 100	14mm

Profile Cutter up to Diameter 110mm
(Design Depth up to 9mm)

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth
PC-1909-3	up to 19	9mm
PC-2509-3	20 to 25	9mm
PC-3209-3	26 to 32	9mm
PC-3809-3	33 to 38	9mm
PC-5009-3	39 to 50	9mm
PC-6009-3	51 to 60	9mm
PC-7009-3	61 to 70	9mm
PC-8009-3	71 to 80	9mm
PC-9009-3	81 to 90	9mm
PC-10009-3	91 to 100	9mm

Profile Cutter up to Diameter 110mm
(Design Depth up to 17mm)

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth
PC-1917-3	up to 19	17mm
PC-2517-3	20 to 25	17mm
PC-3217-3	26 to 32	17mm
PC-3817-3	33 to 38	17mm
PC-5017-3	39 to 50	17mm
PC-6017-3	51 to 60	17mm
PC-7017-3	61 to 70	17mm
PC-8017-3	71 to 80	17mm
PC-9017-3	81 to 90	17mm
PC-10017-3	91 to 100	17mm

Profile Cutter up to Diameter 110mm
(Design Depth up to 11mm)

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth
PC-1911-3	up to 19	11mm
PC-2511-3	20 to 25	11mm
PC-3211-3	26 to 32	11mm
PC-3811-3	33 to 38	11mm
PC-5011-3	39 to 50	11mm
PC-6011-3	51 to 60	11mm
PC-7011-3	61 to 70	11mm
PC-8011-3	71 to 80	11mm
PC-9011-3	81 to 90	11mm
PC-10011-3	91 to 100	11mm

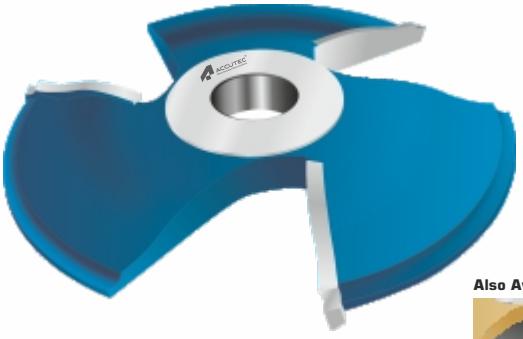
Profile Cutter up to Diameter 110mm
(Design Depth up to 19mm)

(Number of Teeth 3)

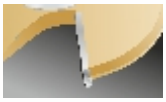
Code No.	Cutter Thick (mm)	Profile Depth
PC-1919-3	up to 19	19mm
PC-2519-3	20 to 25	19mm
PC-3219-3	26 to 32	19mm
PC-3819-3	33 to 38	19mm
PC-5019-3	39 to 50	19mm
PC-6019-3	51 to 60	19mm
PC-7019-3	61 to 70	19mm
PC-8019-3	71 to 80	19mm
PC-9019-3	81 to 90	19mm
PC-10019-3	91 to 100	19mm

ACCUTEC® Where Innovation Meets Excellence
Make

T.C.T. Brazed Raised Panel Cutter Head - ATB.PC.16



Also Available in PCD

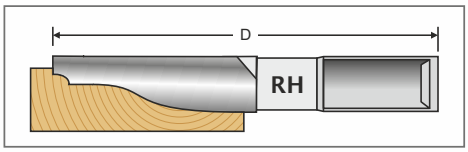


Application : Perfect For Solid Wood & Panel Materials From Min.:18mm

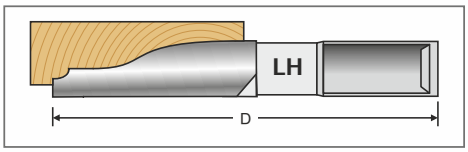
Use On : Spindle Moulder Machines

Technical Details : High Quality Carbide Tip For Long Working Life & Many Re-sharpenings, Precision Ground, 3 & 4 Wing Cutters For Ultimate Balance & Performance.

Cutter Head with Wood Underneath

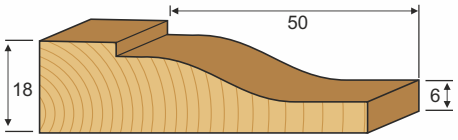


Cutter Head with Wood Above



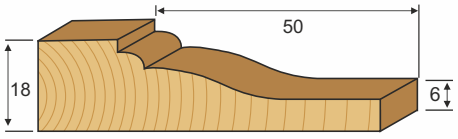
Common Factor For All Cutters

DIA (mm)	BORE (MM)
175	30/35



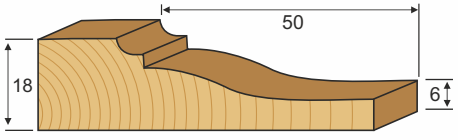
3001 - 3002

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1019-R3	3 (RH)	ATB.PC.16.1019-R4	4 (RH)
40X18	ATB.PC.16.1019-L3	3 (LH)	ATB.PC.16.1019-L4	4 (LH)
50X18	ATB.PC.16.1020-R3	3 (RH)	ATB.PC.16.1020-R4	4 (RH)
50X18	ATB.PC.16.1020-L3	3 (LH)	ATB.PC.16.1020-L4	4 (LH)



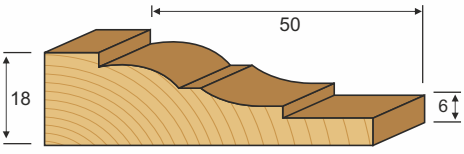
3003 - 3004

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1021-R3	3 (RH)	ATB.PC.16.1021-R4	4 (RH)
40X18	ATB.PC.16.1021-L3	3 (LH)	ATB.PC.16.1021-L4	4 (LH)
50X18	ATB.PC.16.1022-R3	3 (RH)	ATB.PC.16.1022-R4	4 (RH)
50X18	ATB.PC.16.1022-L3	3 (LH)	ATB.PC.16.1022-L4	4 (LH)

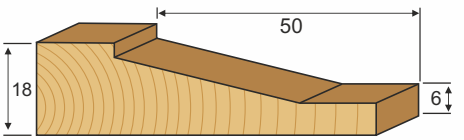


3011 - 3012

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1023-R3	3 (RH)	ATB.PC.16.1023-R4	4 (RH)
40X18	ATB.PC.16.1023-L3	3 (LH)	ATB.PC.16.1023-L4	4 (LH)
50X18	ATB.PC.16.1024-R3	3 (RH)	ATB.PC.16.1024-R4	4 (RH)
50X18	ATB.PC.16.1024-L3	3 (LH)	ATB.PC.16.1024-L4	4 (LH)



PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1025-R3	3 (RH)	ATB.PC.16.1025-R4	4 (RH)
40X18	ATB.PC.16.1025-L3	3 (LH)	ATB.PC.16.1025-L4	4 (LH)
50X18	ATB.PC.16.1026-R3	3 (RH)	ATB.PC.16.1026-R4	4 (RH)
50X18	ATB.PC.16.1026-L3	3 (LH)	ATB.PC.16.1026-L4	4 (LH)



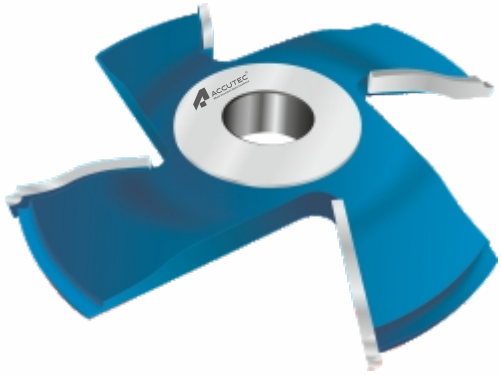
3005 - 3006

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1027-R3	3 (RH)	ATB.PC.16.1027-R4	4 (RH)
40X18	ATB.PC.16.1027-L3	3 (LH)	ATB.PC.16.1027-L4	4 (LH)
50X18	ATB.PC.16.1028-R3	3 (RH)	ATB.PC.16.1028-R4	4 (RH)
50X18	ATB.PC.16.1028-L3	3 (LH)	ATB.PC.16.1028-L4	4 (LH)

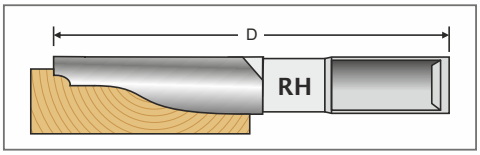
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Make

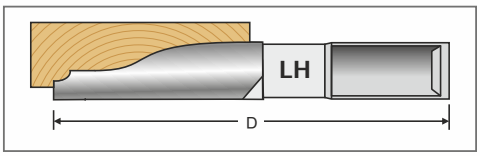
T.C.T. Brazed Raised Panel Cutter Head - ATB.PC.16



Cutter Head with Wood Underneath

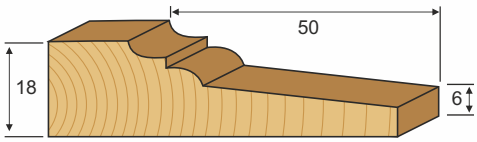


Cutter Head with Wood Above

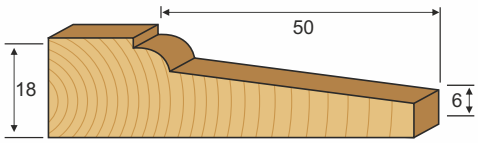


Common Factor For All Cutters

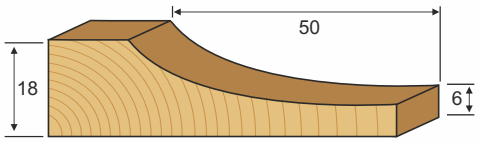
DIA (mm)	BORE (MM)
175	30/35



PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1029-R3	3 (RH)	ATB.PC.16.1029-R4	4 (RH)
40X18	ATB.PC.16.1029-L3	3 (LH)	ATB.PC.16.1029-L4	4 (LH)
50X18	ATB.PC.16.1030-R3	3 (RH)	ATB.PC.16.1030-R4	4 (RH)
50X18	ATB.PC.16.1030-L3	3 (LH)	ATB.PC.16.1030-L4	4 (LH)

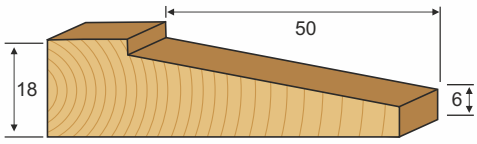


PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1031-R3	3 (RH)	ATB.PC.16.1031-R4	4 (RH)
40X18	ATB.PC.16.1031-L3	3 (LH)	ATB.PC.16.1031-L4	4 (LH)
50X18	ATB.PC.16.1032-R3	3 (RH)	ATB.PC.16.1032-R4	4 (RH)
50X18	ATB.PC.16.1032-L3	3 (LH)	ATB.PC.16.1032-L4	4 (LH)



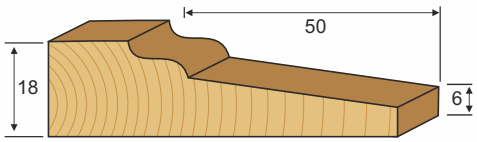
3009 - 3010

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1033-R3	3 (RH)	ATB.PC.16.1033-R4	4 (RH)
40X18	ATB.PC.16.1033-L3	3 (LH)	ATB.PC.16.1033-L4	4 (LH)
50X18	ATB.PC.16.1034-R3	3 (RH)	ATB.PC.16.1034-R4	4 (RH)
50X18	ATB.PC.16.1034-L3	3 (LH)	ATB.PC.16.1034-L4	4 (LH)

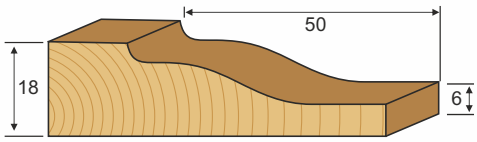


3013 - 3014

PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1035-R3	3 (RH)	ATB.PC.16.1035-R4	4 (RH)
40X18	ATB.PC.16.1035-L3	3 (LH)	ATB.PC.16.1035-L4	4 (LH)
50X18	ATB.PC.16.1036-R3	3 (RH)	ATB.PC.16.1036-R4	4 (RH)
50X18	ATB.PC.16.1036-L3	3 (LH)	ATB.PC.16.1036-L4	4 (LH)



PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1037-R3	3 (RH)	ATB.PC.16.1037-R4	4 (RH)
40X18	ATB.PC.16.1037-L3	3 (LH)	ATB.PC.16.1037-L4	4 (LH)
50X18	ATB.PC.16.1038-R3	3 (RH)	ATB.PC.16.1038-R4	4 (RH)
50X18	ATB.PC.16.1038-L3	3 (LH)	ATB.PC.16.1038-L4	4 (LH)



PROFILE SIZE (mm)	ORDER NO.	Z	ORDER NO.	Z
40X18	ATB.PC.16.1039-R3	3 (RH)	ATB.PC.16.1039-R4	4 (RH)
40X18	ATB.PC.16.1039-L3	3 (LH)	ATB.PC.16.1039-L4	4 (LH)
50X18	ATB.PC.16.1040-R3	3 (RH)	ATB.PC.16.1040-R4	4 (RH)
50X18	ATB.PC.16.1040-L3	3 (LH)	ATB.PC.16.1040-L4	4 (LH)

Economic Panel Raised Cutter

NEW ADDED



Right Side Pic. Left Side Pic.



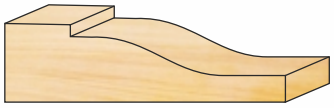
Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction
PC-101-RH	175	25.4	50x18	3T	Right
PC-101-LH	175	25.4	50x18	3T	Left



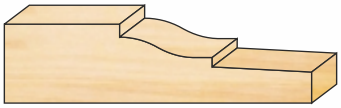
Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction
PC-102-RH	175	25.4	50x18	3T	Right
PC-102-LH	175	25.4	50x18	3T	Left



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction
PC-103-RH	175	25.4	50x18	3T	Right
PC-103-LH	175	25.4	50x18	3T	Left



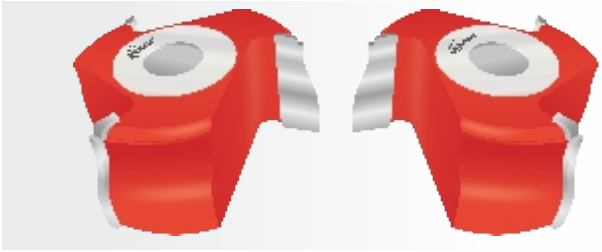
Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction
PC-104-RH	175	25.4	50x18	3T	Right
PC-104-LH	175	25.4	50x18	3T	Left



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction
PC-105-RH	175	25.4	50x18	3T	Right
PC-105-LH	175	25.4	50x18	3T	Left

Economic Panel Profile Cutter

NEW ADDED



Right Side Pic. Left Side Pic.



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
115	25.4	3

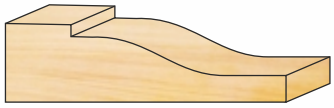
Code No.	Direction	Code No.	Direction	Wood Size (mm)
PPC-101.40-R	Right	PPC-101.40-L	Left	40x18
PPC-101.50-R	Right	PPC-101.50-L	Left	50x18



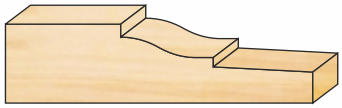
Code No.	Direction	Code No.	Direction	Wood Size (mm)
PPC-102.40-R	Right	PPC-102.40-L	Left	40x18
PPC-102.50-R	Right	PPC-102.50-L	Left	50x18



Code No.	Direction	Code No.	Direction	Wood Size (mm)
PPC-103.40-R	Right	PPC-103.40-L	Left	40x18
PPC-103.50-R	Right	PPC-103.50-L	Left	50x18



Code No.	Direction	Code No.	Direction	Wood Size (mm)
PPC-104.40-R	Right	PPC-104.40-L	Left	40x18
PPC-104.50-R	Right	PPC-104.50-L	Left	50x18



Code No.	Direction	Code No.	Direction	Wood Size (mm)
PPC-105.40-R	Right	PPC-105.40-L	Left	40x18
PPC-105.50-R	Right	PPC-105.50-L	Left	50x18

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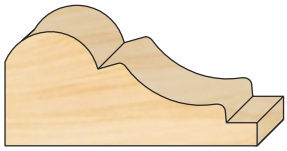
Economic Profile Cutter

NEW ADDED

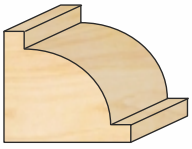


Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
110	25.4	3



Code No.	Wood Size (mm)	Cutter Thickness
MB-101-01	33x12	38
MB-101-02	33x15	38
MB-101-03	45x14	50



Code No.	Wood Size (mm)	Cutter Thickness
MB-104-01	10x10	19
MB-104-02	11x11	25
MB-104-03	12x12	25
MB-104-04	13x13	25
MB-104-05	14x14	32
MB-104-06	15x15	32
MB-104-07	16x16	35
MB-104-08	17x17	35
MB-104-09	18x18	38
MB-104-10	19x19	38



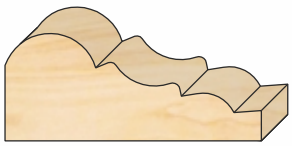
Code No.	Wood Size (mm)	Cutter Thickness
MB-105-11	19x5	25
MB-105-12	19x6	25
MB-105-13	20x5	25
MB-105-14	20x6	25
MB-105-15	20x7	25
MB-105-16	20x8	30
MB-105-17	21x5	30
MB-105-18	21x6	30
MB-105-19	21x7	30
MB-105-20	21x8	30
MB-105-21	22x5	32
MB-105-22	22x6	32
MB-105-23	22x7	32
MB-105-24	22x8	32
MB-105-25	25x5	32
MB-105-26	25x6	32
MB-105-27	25x7	32
MB-105-28	25x8	32
MB-105-29	30x5	38
MB-105-30	30x6	38
MB-105-31	30x7	38
MB-105-32	30x8	38
MB-105-33	32x5	38
MB-105-34	32x6	38
MB-105-35	32x7	38
MB-105-36	32x8	38
MB-105-37	35x5	45
MB-105-38	35x6	45
MB-105-39	35x7	45
MB-105-40	35x8	45
MB-105-41	35x10	45



Code No.	Wood Size (mm)	Cutter Thickness
MB-102-01	36x10	38
MB-102-02	48x10	50

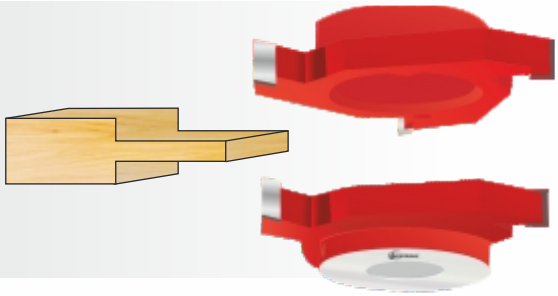


Code No.	Wood Size (mm)	Cutter Thickness
MB-105-01	12x5	19
MB-105-02	12x6	19
MB-105-03	15x5	22
MB-105-04	15x6	22
MB-105-05	16x5	22
MB-105-06	16x6	22
MB-105-07	17x5	25
MB-105-08	17x6	25
MB-105-09	18x5	25
MB-105-10	18x6	25



Code No.	Wood Size (mm)	Cutter Thickness
MB-103-01	33x14	38
MB-103-02	45x14	50

Tenoning Cutter Set (for Teno-mach Machine) - TC-101 to TC-102



Code No.	Dia (mm)	Bore (mm)	Thickness (mm)	Teeth	Key Way
TC-101	150	1"	25	3	6x3
TC-102	200	1"	25	3	6x3

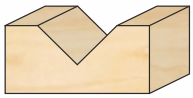
Special Purpose Cutter

» "V" Groove Cutter - 760 to 766



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	4



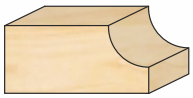
Code No.	Thickness	Degree
760	6mm	90°
761	8mm	90°
762	10mm	90°
763	12mm	90°
764	15mm	90°
765	19mm	90°
766	25mm	90°

» Half Radius Cutter - 774 to 779-L



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	4



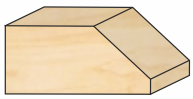
Code No.	Thickness	Radius
774	10mm	10R
775	12mm	12R
776	15mm	15R
777	19mm	19R
778	25mm	25R
779	32mm	32R
(Left) 774-L	10mm	10R
(Left) 775-L	12mm	12R
(Left) 776-L	15mm	15R
(Left) 777-L	19mm	19R
(Left) 778-L	25mm	25R
(Left) 779-L	32mm	32R

» Chamfphering Cutter - 767 to 773-L



Common Factor For All Cutters

DIA (mm)	BORE (mm)	TEETH
125	25.4	4



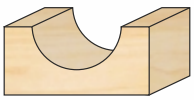
Code No.	Thickness	Degree
767	8mm	45°
768	10mm	45°
769	12mm	45°
770	15mm	45°
771	19mm	45°
772	25mm	45°
773	32mm	45°
(Left) 767-L	8mm	45°
(Left) 768-L	10mm	45°
(Left) 769-L	12mm	45°
(Left) 770-L	15mm	45°
(Left) 771-L	19mm	45°
(Left) 772-L	25mm	45°
(Left) 773-L	32mm	45°

» Full Radius Cutter - 780 to 786



Common Factor For All Cutters

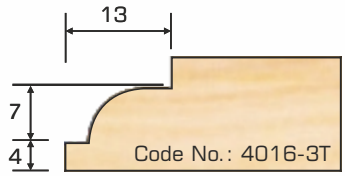
DIA (mm)	BORE (mm)	TEETH
125	25.4	4



Code No.	Thickness	Radius
780	6mm	3R
781	8mm	4R
782	10mm	5R
783	12mm	6R
784	15mm	7.5R
785	19mm	9.5R
786	25mm	12.5R

Window Molem Cutter (For Window Frame) (Use On : Spindle Moulder M/C)





Right Side Direction

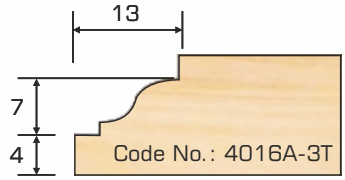
Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015-3TR	110	1¼"	13x8x4	Right	3
4016-3TR	110	1¼"	13x7x4	Right	3
4015-4TR	110	1¼"	13x8x4	Right	4
4016-4TR	110	1¼"	13x7x4	Right	4

Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015-3TL	110	1¼"	13x8x4	Left	3
4016-3TL	110	1¼"	13x7x4	Left	3
4015-4TL	110	1¼"	13x8x4	Left	4
4016-4TL	110	1¼"	13x7x4	Left	4

"S" Type Frame Cutter (For Window Frame) (Use On : Spindle Moulder M/C)





Right Side Direction

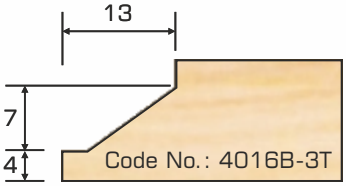
Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015A-3TR	110	1¼"	13x8x4	Right	3
4016A-3TR	110	1¼"	13x7x4	Right	3
4015A-4TR	110	1¼"	13x8x4	Right	4
4016A-4TR	110	1¼"	13x7x4	Right	4

Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015A-3TL	110	1¼"	13x8x4	Left	3
4016A-3TL	110	1¼"	13x7x4	Left	3
4015A-4TL	110	1¼"	13x8x4	Left	4
4016A-4TL	110	1¼"	13x7x4	Left	4

Tapper Frame Cutter (For Window Frame) (Use On : Spindle Moulder M/C)





Right Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015B-3TR	110	1¼"	13x8x4	Right	3
4016B-3TR	110	1¼"	13x7x4	Right	3
4015B-4TR	110	1¼"	13x8x4	Right	4
4016B-4TR	110	1¼"	13x7x4	Right	4

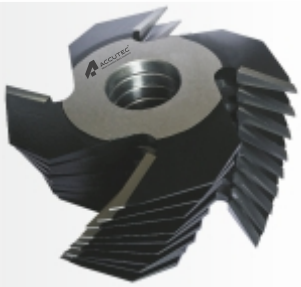
Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015B-3TL	110	1¼"	13x8x4	Left	3
4016B-3TL	110	1¼"	13x7x4	Left	3
4015B-4TL	110	1¼"	13x8x4	Left	4
4016B-4TL	110	1¼"	13x7x4	Left	4

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Make

HIGH PERFORMANCE

Finger Joint Cutter- ATB.FJ.25

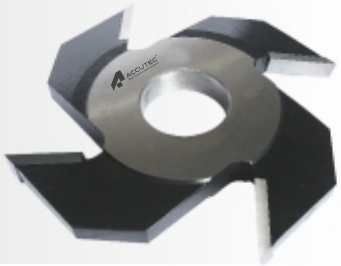


Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
ATB.FJ.25.1093	5	15	125	31.75	4T
ATB.FJ.25.1093-A	5	15	125	40	4T
ATB.FJ.25.1094	7	22	125	31.75	4T
ATB.FJ.25.1094 -AA	7	22	125	40	4T
ATB.FJ.25.1094-A	10	25	125	31.75	4T



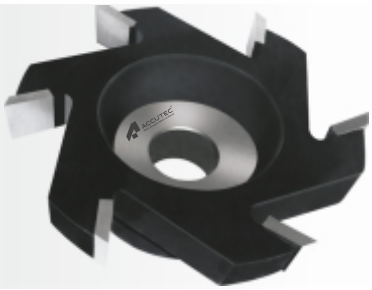


Solder Cutter - ATB.SLD.25



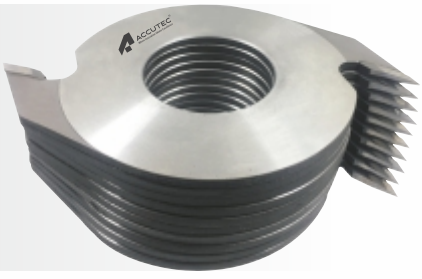
Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
ATB.SLD.25.101	5/10	15	125	31.75	4T
ATB.SLD.25.101-A	5/10	15	125	40	4T
ATB.SLD.25.102	7/12	22	125	31.75	4T
ATB.SLD.25.102-A	7/12	22	125	40	4T
ATB.SLD.25.103	10/14	25	125	31.75	4T

Facing Cutter - ATB.FC.25



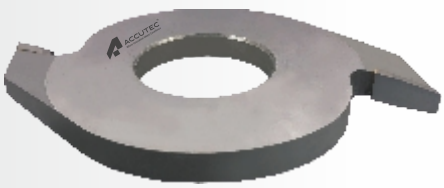
Code No.	Dia (inch)	Bore (mm)	Carbide Thickness (mm)	Body Thickness (mm)	Teeth
ATB.FC.25.101	5"	25.4	18	38	6
ATB.FC.25.102	6½"	25.4	18	38	6
ATB.FC.25.103	7"	25.4	18	38	6

T.C.T Brazed Finger Joint Cutter - ATB.FJ.26



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
ATB.FJ.26.1095	4	13	160	50	2
ATB.FJ.26.1095-Z4	4	13	160	50	4
ATB.FJ.26.1095-A	5	15	160	50	4
ATB.FJ.26.1095-B	6	22	160	50	4
ATB.FJ.26.1095-C	7	22	160	50	4

T.C.T Brazed Solder Cutter - ATB.SLD.25



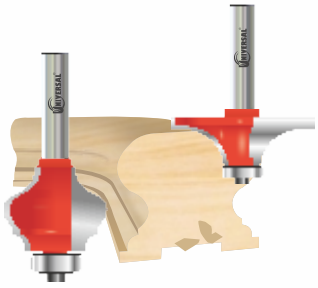
Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
ATB.SLD.25.104	4/10	13	160	50	2
ATB.SLD.25.105	4/10	13	160	50	4

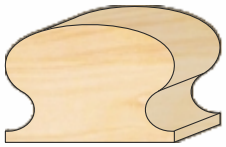
Railing Cutter - 1201 to 1205-B



» Router Bits For Railing

Also Available Router Bits For Railing





No.: 1201 (70x45)
No.: 1201-A (70x60)
No.: 1201-B (90x70)



No.: 1202 (70x45)
No.: 1202-A (70x60)
No.: 1202-B (90x70)



No.: 1203 (70x45)
No.: 1203-A (70x60)
No.: 1203-B (90x70)



No.: 1204 (70x45)
No.: 1204-A (70x60)
No.: 1204-B (90x70)



No.: 1205 (70x45)
No.: 1205-A (70x60)
No.: 1205-B (90x70)

Railing Profile Cutter (Use On Auto Mould & Spindle Moulder Machine)

Code No.	Wood Size (mm)	Dia (mm)	Bore (inch)	Teeth
1201	70 x 45	110	1"	3
1201-A	70 x 60	110	1"	3
1201-B	90 x 70	110	1"	3
1202	70 x 45	110	1"	3
1202-A	70 x 60	110	1"	3
1202-B	90 x 70	110	1"	3
1203	70 x 45	110	1"	3
1203-A	70 x 60	110	1"	3
1203-B	90 x 70	110	1"	3
1204	70 x 45	110	1"	3
1204-A	70 x 60	110	1"	3
1204-B	90 x 70	110	1"	3
1205	70 x 45	110	1"	3
1205-A	70 x 60	110	1"	3
1205-B	90 x 70	110	1"	3

Railing Router Bit Set

Code No.	Wood Size (mm)	Shank
RB1201	70 x 45	12
RB1201-A	70 x 60	12
RB1201-B	90 x 70	12
RB1202	70 x 45	12
RB1202-A	70 x 60	12
RB1202-B	90 x 70	12
RB1203	70 x 45	12
RB1203-A	70 x 60	12
RB1203-B	90 x 70	12
RB1204	70 x 45	12
RB1204-A	70 x 60	12
RB1204-B	90 x 70	12
RB1205	70 x 45	12
RB1205-A	70 x 60	12
RB1205-B	90 x 70	12



Railing Profile Cutter (Use On Auto Mould & Spindle Moulder Machine)

Code No.	Wood Size (mm)	Dia (mm)	Bore (inch)	Teeth
RC-TOP-1	70 x 45	110	1"	3
RC-TOP-2	70 x 60	110	1"	3
RC-TOP-3	90 x 70	110	1"	3

Radius Cutter For Railing Top

This Radius Cutter Is Not Including In Railing Cutter Also Available As Per Your Requirement.

T.C.T. (Carbide Tipped) Band Saw Blades

Use in :
HORIZONTAL & VERTICAL
Band Saw Machines



Product Features

1. Suitable For Logs With Large Cross Section Cutting.
2. Excellent Finish and Wear Resistance.
3. Faster, Flatter and Straighter Cuts, With Less Waste.
4. Accurate, Stable Cutting, Robust & Durable, Easy Maintenance.
5. Can Be Re-sharpened.

Code No.	Length (mm)	Kerf Thick (mm)	Body Thick (mm)	Width (mm)	TPI
AT.BS.3500.27.13	3500	1.3	0.90	27	22TPI
AT.BS.4570.27.14	4570	1.4	0.90	27	22TPI
AT.BS.4615.50.14	4615	1.4	0.90	50	22TPI
AT.BS.5200.54.14	5200	1.4	0.90	54	22TPI
AT.BS.6224.60.18	6224	1.8	1.05	60	22TPI
AT.BS.7010.60.18	7010	1.8	1.05	60	22TPI
AT.BS.7087.60.18	7087	1.8	1.05	60	22TPI
AT.BS.9601.60.20	9601	2.0	1.05	60	22TPI

T.C.T. Hand Tools for Wood Turning Lathe

A B C D **Code No. : WTL - 01**



4 Pcs - 1 set



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AN ISO 9001:2015 CERTIFIED COMPANY

TCT Hand Tools with Replaceable Knife For Wood Turning Lathe

NEW ADDED





WTL.RP.101 - 4 Pcs Set



A SPARE PARTS



CODE NO.: WTL.RP.AK
Knife - 15x15x2.5x30°



CODE NO.: WTL.RP.AS
Screw - M6*10

B SPARE PARTS



CODE NO.: WTL.RP.BK
Knife - 16 x 3 x30°



CODE NO.: WTL.RP.BS
Screw - M5*8

C SPARE PARTS



CODE NO.: WTL.RP.CK
Knife - 15x15x2.5x30° R50



CODE NO.: WTL.RP.CS
Screw - M6*10

D SPARE PARTS



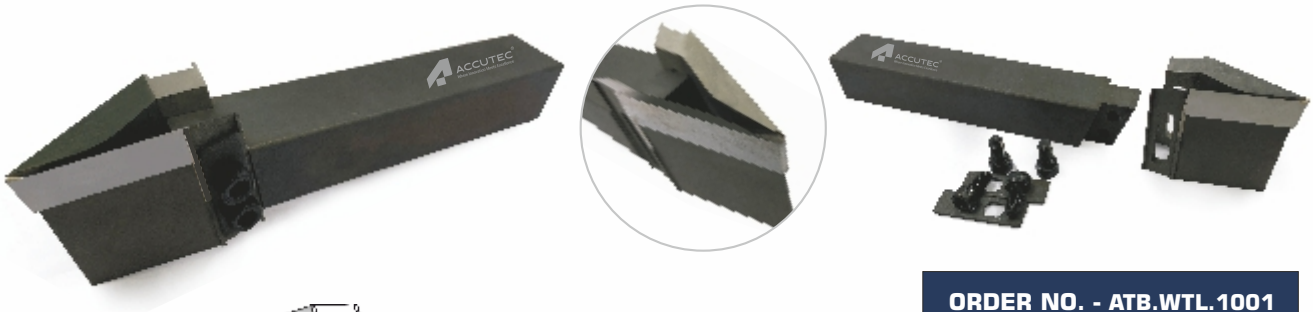
CODE NO.: WTL.RP.DK
Knife - 28 x 2.48



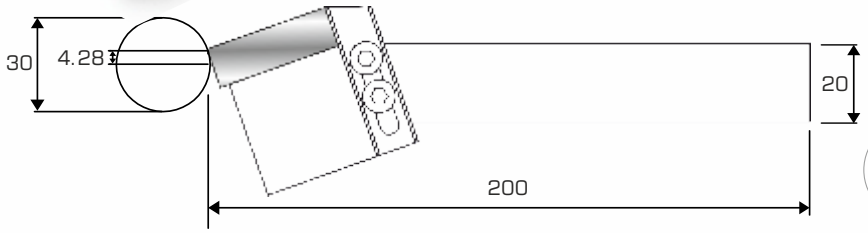
CODE NO.: WTL.RP.DS
Screw - M4*8

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T.C.T. Tool For CNC Wood Turning Lathe



ORDER NO. - ATB.WTL.1001





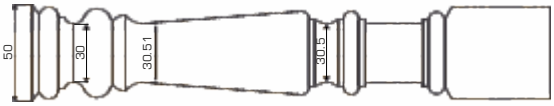
EXTRA KNIFE

» Here is the minimum diameter one. The adjustment method of the center height of this tool is adjust the height of the tool tip by dividing the minimum diameter by 7.

» The upper edge of the knife edge is up-adjusted and the knife edge is lowered downward. When the diameter of the smallest product is 30mm,the total is 30mm divided by 7 = 4.28mm, and then our is 4.28 mm higher than the center point, so that the processing effect is optimal, more durable.

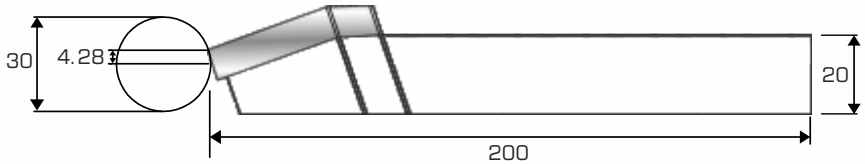
FOR EXAMPLE OF TIPS HIGHER THAN THE CENTER POINT

» Products Smallest Dia is 20mm Divided By 7 = 2.86mm
» Products Smallest Dia is 30mm Divided By 7 = 4.28mm
» Products Smallest Dia is 50mm Divided By 7 = 7.14mm

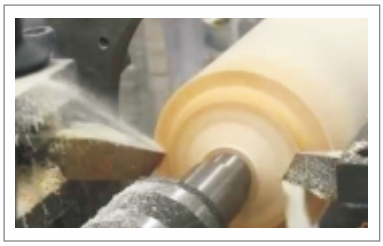


T.C.T. Tool For CNC Wood Turning Lathe (Brazed)





ORDER NO. - ATB.WTL.1002



H.S.S. Tool For CNC Wood Turning Lathe



ORDER NO. - ATB.WTL.1003



Remark : Special Specification is Available as per customers order

Chisel Bits (with Augar) - 986 to 993A (PROFESSIONAL SERIES)



Code No.	Chisel (Size)	Cutting length	Over All Length (mm)
986	1/4"	40	210
987	3/8"	60	210
988	5/16"	60	210
989	7/16"	75	210
990	1/2"	75	210
991	5/8"	90	210
992	3/4"	90	210
993	1"	90	210
994	3/8"	75	210
996	7/8"	90	210
997	11/16"	90	210
998	13/16"	90	210



(Only Augar Bit)

Code No.	Augar Size
986A	1/4"
987A	3/8"
988A	5/16"
989A	7/16"
990A	1/2"
991A	5/8"

Chisel Spocket



Code No.
CS-101



Code No.
CS-102



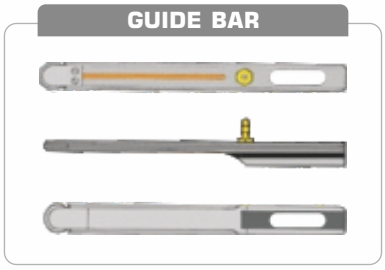
High Performance Chisel Bits (with Augar)

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Where Innovation Meets Excellence

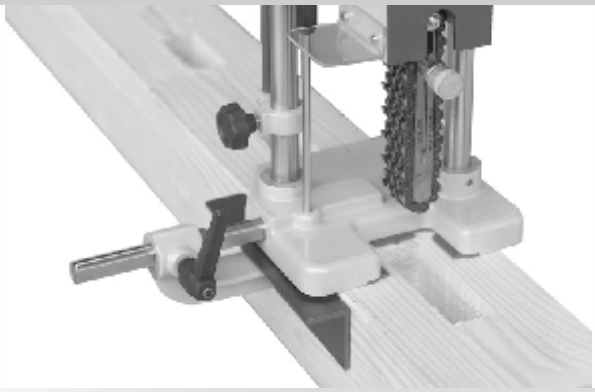
Premium Series

ORDER NO.	C.D. (mm)	C.L. (mm)	O.A.L. (mm)
AT.CB.1.4.40	1/4"	40	210
AT.CB.3.8.60	3/8"	60	210
AT.CB.5.16.60	5/16"	60	210
AT.CB.7.16.60	7/16"	60	210
AT.CB.1.2.75	1/2"	75	210
AT.CB.5.8.90	5/8"	90	210
AT.CB.3.4.90	3/4"	90	210
AT.CB.01.90	1"	90	210

Chain Set
(For Chain Mortising M/C)









Machine : Chain Mortising machine
Application : Rectangle Hole in Solid Wood
Advantage : Convenient, Effective, Safe Etc.

H.C.S. Chain Set

Code No.	Chain Thickness	With
977	1/4"	Guide Bar & Gear
978	5/16"	Guide Bar & Gear
979	3/8"	Guide Bar & Gear
980	7/16"	Guide Bar & Gear
981	1/ 2 "	Guide Bar & Gear
982	5/8"	Guide Bar & Gear
983	3/4"	Guide Bar & Gear
984	1"	Guide Bar & Gear
985	1¼"	Guide Bar & Gear

T.C.T. Chain Set

Code No.	Chain Thickness	With
TCT-977	1/4"	Guide Bar & Gear
TCT-978	5/16"	Guide Bar & Gear
TCT-979	3/8"	Guide Bar & Gear
TCT-980	7/16"	Guide Bar & Gear
TCT-981	1/ 2 "	Guide Bar & Gear
TCT-982	5/8"	Guide Bar & Gear
TCT-983	3/4"	Guide Bar & Gear
TCT-984	1"	Guide Bar & Gear
TCT-985	1¼"	Guide Bar & Gear

H.C.S. Only Chain

Code No.	Chain Size
CHO-977	1/4"
CHO-978	5/16"
CHO-979	3/8"
CHO-980	7/16"
CHO-981	1/ 2 "
CHO-982	5/8"
CHO-983	3/4"
CHO-984	1"
CHO-985	1¼"

Guide Bar (Extra Accessories)

Code No.	Chain Size
GID-977	1/4"
GID-978	5/16"
GID-979	3/8"
GID-980	7/16"
GID-981	1/ 2 "
GID-982	5/8"
GID-983	3/4"
GID-984	1"
GID-985	1¼"

Spocket (Extra Accessories)

Code No.	Chain Size
SPO-977	1/4"
SPO-978	5/16"
SPO-979	3/8"
SPO-980	7/16"
SPO-981	1/ 2 "
SPO-982	5/8"
SPO-983	3/4"
SPO-984	1"
SPO-985	1¼"

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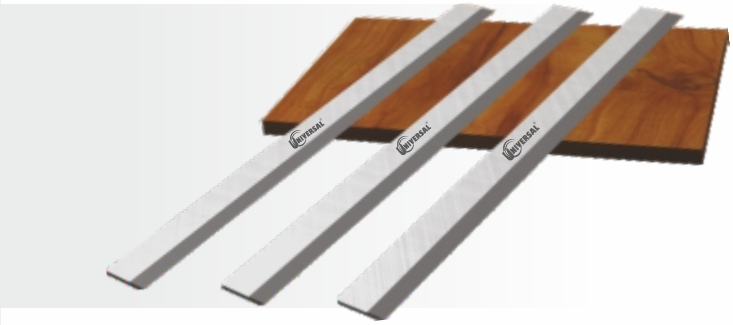
Solid Carbide Planer Knife - 951 to 954



Code No.	Length	Width (mm)	Thickness (mm)
951	9"	22	2.2
952	10"	22	2.2
953	12"	22	2.2
954	13"	22	2.2

T.C.T. Brazed Planer Knife

959 to 966-A



Code No.	Length	Width (mm)	Thick (mm)
959	9"	30	3
960	10"	30	3
961-A	11"	30	3
961	12"	30	3
962	13"	30	3
963	15"	30	3
963-A	16"	30	3
964	18"	30	3
964-A	20"	30	3
965	24"	30	3
966	10"	30	5
967	12"	30	5
968	13"	30	5

Code No.	Size
959-A	50x30x3mm
959-B	75x30x3mm
959-C	100x30x3mm
959-D	125x30x3mm
959-E	130x30x3mm
959-F	150x30x3mm
959-G	200x30x3mm
966-A	50X30X5mm

T.C.T. Brazed Hand Planer Knife Set

976 to 976-AA (For Elec. Planer M/C)



Code No.	Length	Width (mm)	Thick	Use In
976	82	30	3	Hitachi-F20A M/C
976-A	82	30	3	Makita 1900B M/C
976-AA	82	30	3	Hitachi & Makita

HSS Planer Blade



959-HSS to 965-HSS

Code No.	Length	Width (mm)	Thick (mm)
959-HSS	9"	30	3
960-HSS	10"	30	3
961-HSS	12"	30	3
962-HSS	13"	30	3
963-HSS	15"	30	3
964-HSS	18"	30	3
964-A-HSS	20"	30	3
965-HSS	24"	30	3

Resin Bonded Diamond Grinding Wheel - 801 to D835

HIGH PERFORMANCE

» Flat Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
801	150	1¼"	6	3
802	150	1¼"	8	3
803	150	1¼"	10	3
804	150	1¼"	12	3

» Radius Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
805	125	1¼"	6	3
806	125	1¼"	8	3
807	125	1¼"	10	3
808	125	1¼"	12	3

» Dish Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
809-A	125	1¼"	6	2
809	125	1¼"	6	3
810	125	1¼"	10	3
811	150	1¼"	6	3
812	150	1¼"	10	3

» Thin Dish Wheel (for Saw blade face grinding)





Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
819	125	1¼"	6	1.5
820	125	1¼"	6	2
821	150	1¼"	6	1.5
822	150	1¼"	6	2
823	150	20 mm	6	2

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
813-A	100	1¼"	10	3
813-B	125	1¼"	10	3

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
813	150	1¼"	10	3
814	150	1¼"	19	3
814-A	150	20mm	6	2

» Degree Wheel-90°



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
815	125	1¼"	6	3
816	125	1¼"	8	3
817	125	1¼"	10	3
818	125	1¼"	12	3

» Hand Grinder Wheel

Use In Cm-4 M/C &
Angle Grinder M/C



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	X (mm)
D835	100	20	6	2

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T.C.T. Premium Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE





Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
UT.SBC.43018	4"	30	1.8	20
UT.SBC.44018	4"	40	1.8	20
UT.SBC.53018	5"	30	1.8	20
UT.SBC.54018	5"	40	1.8	20
UT.SBC.64020	6"	40	2.0	25.4
UT.SBC.66020	6"	60	2.0	25.4
UT.SBC.74022	7"	40	2.2	25.4
UT.SBC.76022	7"	60	2.2	25.4
UT.SBC.84024	8"	40	2.4	25.4
UT.SBC.86024	8"	60	2.4	25.4
UT.SBC.104028	10"	40	2.8	25.4
UT.SBC.106028	10"	60	2.8	25.4
UT.SBC.124032	12"	40	3.2	25.4
UT.SBC.126032	12"	60	3.2	25.4
UT.SBC.146034	14"	60	3.4	25.4
T.C.T. Saw Blade for Aluminum Cutting				
UT.SBA.108030	10"	80	3.0	25.4
UT.SBA.1010030	10"	100	3.0	25.4
UT.SBA.1210032	12"	100	3.2	25.4
UT.SBA.1212032	12"	120	3.2	25.4
UT.SBA.1412034	14"	120	3.4	25.4

T.C.T. Saw Blade Thick Kerf for Ripping Saw





HIGH PERFORMANCE SAW BLADE

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
AT.SBC.044016	110	40	1.6	20.0
AT.SBC.054016	125	40	1.6	20.0
AT.SBC.074018	180	40	1.8	25.4
AT.SBC.084020	200	40	2.0	25.4
AT.SBC.104825	250	48	2.5	25.4
AT.SBC.124832	300	48	3.2	25.4

T.C.T. Thin Kerf Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE

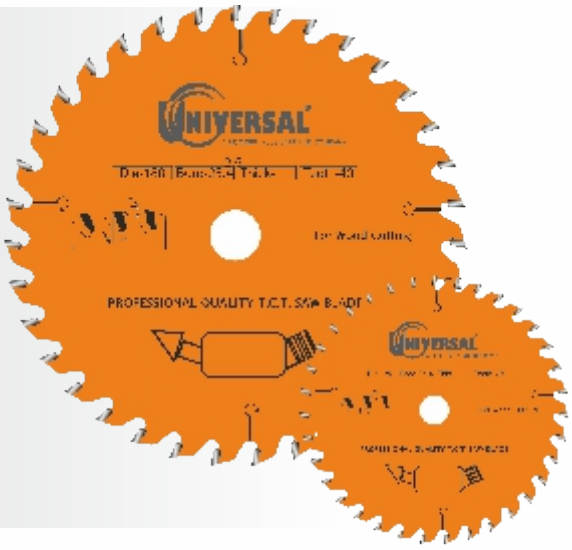




Universal Thin Kerf T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
702	4"	40	1.5	20
703	5"	40	1.5	20
704	7"	40	1.5	25.4
705	7"	60	1.5	25.4
706	8"	48	1.7	25.4
707	10"	48	2.0	25.4

T.C.T. Economic Series Circular Saw Blade





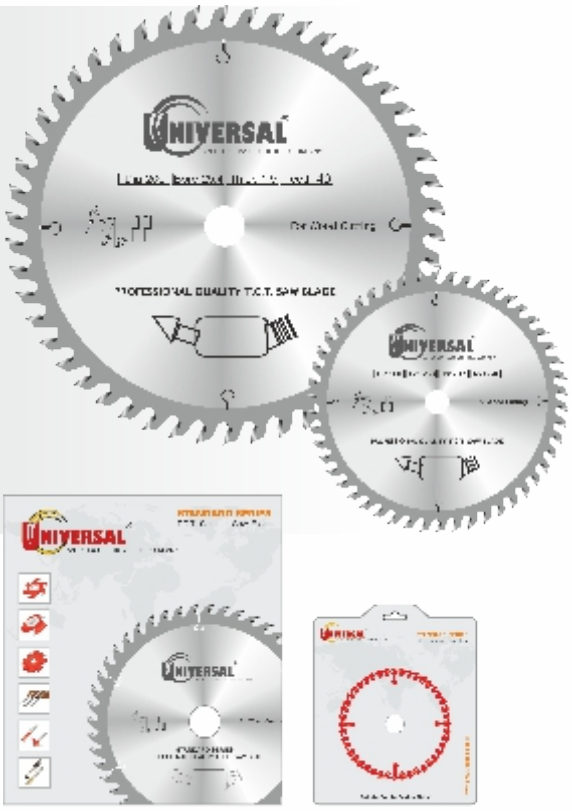
Universal Economic Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
711	4"	30	2.0	20
712	4"	40	2.0	20
713	5"	30	2.2	20
714	5"	40	2.2	20
715A	6"	40	2.5	25.4
715	7"	40	2.5	25.4
716	7"	60	2.5	25.4
717	8"	40	2.5	25.4
718	8"	60	2.5	25.4
719	10"	40	2.8	25.4
720	10"	60	2.8	25.4
721	12"	40	3.0	25.4
722	12"	60	3.0	25.4
722A	14"	60	3.0	25.4

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T.C.T. Standard Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE

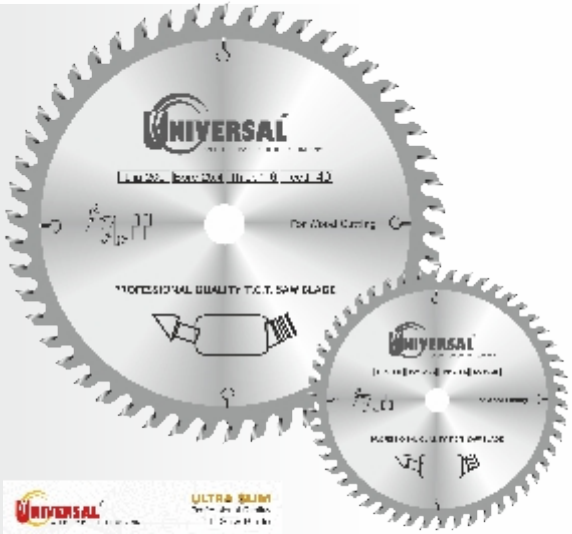


Universal Standard Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
723A	4"	30	1.8	20
723	4"	40	1.8	20
724A	5"	30	1.8	20
724	5"	40	1.8	20
725A	6"	60	1.8	25.4
725	7"	40	1.8	25.4
726	7"	60	1.8	25.4
727	8"	40	1.9	25.4
728	8"	60	1.9	25.4
729	10"	40	2.6	25.4
730	10"	60	2.6	25.4
731	12"	40	3.2	25.4
732	12"	60	3.2	25.4
733	14"	60	3.2	25.4
T.C.T. Saw Blade for Aluminum Cutting				
748	5"	48	2.2	20.0
749	7"	80	2.4	25.4
750	8"	80	2.6	25.4
751	10"	80	2.8	25.4
752	10"	100	2.8	25.4
753	12"	100	3.0	25.4
754	12"	120	3.0	25.4
755	14"	120	3.0	25.4

T.C.T. Ultra Slim Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE







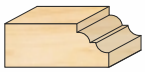
Universal Ultra Slim Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
Slim-43016	4"	30	1.6	20
Slim-44016	4"	40	1.6	20
Slim-53016	5"	30	1.6	20
Slim-54016	5"	40	1.6	20
Slim-64016	6"	40	1.6	25.4
Slim-66016	6"	60	1.6	25.4
Slim-74016	7"	40	1.6	25.4
Slim-76016	7"	60	1.6	25.4
Slim-84016	8"	40	1.6	25.4
Slim-86016	8"	60	1.6	25.4
Slim-104018	10"	40	1.8	25.4
Slim-106018	10"	60	1.8	25.4
Slim-124022	12"	40	2.2	25.4
Slim-126022	12"	60	2.2	25.4

T.C.T. Router Bits

» Classical Bits



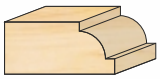


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
101	15x8	30	8
102	20x8	35	8
103	20x10	35	8
104	22x10	37	8
105	25x10	40	8
106	25x12	40	8
107	28x10	43	8
108	28x12	43	8
109	32x10	47	8
110	32x12	47	8

Bearing Size : D-13 x B-5 x T-4

» Beading Flat Bits

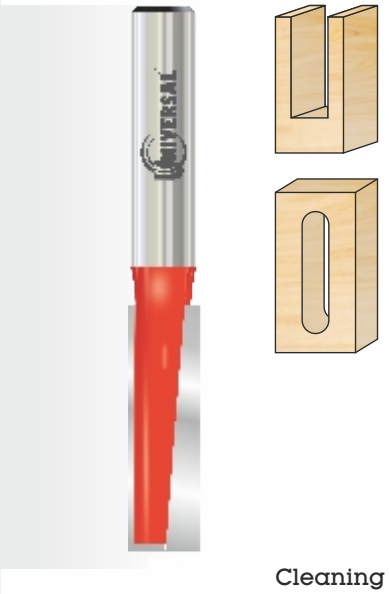




Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
111	8x8	25	8
112	10x10	28	8
113-A	12x10	31	8
113	12x12	31	8
114-A	15x10	36	8
114	15x15	36	8
115-A	19x12	43	8
115	19x19	43	8
116	22x22	48	8
116-A	25x25	53	8

Bearing Size : D-13 x B-5 x T-4

» Straight Bits (Cleaning Bottom Bits)



Cleaning Bottom Bits

Cutting Dia : 4mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
120-A	4	12	8
120-B	4	12	6
120-C	4	12	6.35
120-D	4	12	12

Cutting Dia : 6mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
120	6	15	8
120-AA	6	15	6
120-AB	6	15	6.35
120-AC	6	15	12

Cutting Dia : 8mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
121	8	20	8
121-A	8	20	6
121-B	8	20	6.35
121-C	8	20	12
121-D	8	30	8
121-E	8	30	12
121-F	8	35	8
121-G	8	35	12

Cutting Dia : 10mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
122	10	20	8
122-A	10	20	6
122-B	10	20	6.35
122-C	10	20	12
122-D	10	30	8
122-E	10	30	12
122-F	10	38	8
122-G	10	38	12
122-H	10	50	8
122-I	10	50	12

Cutting Dia : 12mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
123	12	20	8
123-A	12	20	6
123-B	12	20	6.35
123-C	12	20	12
123-D	12	30	8
123-E	12	30	12
123-F	12	30	12.7

Cutting Dia : 12mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
123-G	12	38	8
123-H	12	38	12
123-I	12	50	8
123-J	12	50	12
123-K	12	63	12
123-L	12	75	12

Cutting Dia : 15mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
124-A	15	20	8
124-B	15	20	12
124-C	15	30	8
124-D	15	30	12
124-E	15	50	12
124-F	15	63	12
124-G	15	75	12

Cutting Dia : 19mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)
124	19	25	8
124-AA	19	25	12
124-AB	19	38	8
124-AC	19	38	12
124-AD	19	50	12

Cutting Dia : 25mm

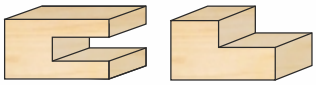
Code No.	Dia (mm)	Cutting Length	Shank (mm)
125	25	25	8
125-A	25	25	12
125-B	25	38	12
125-C	25	50	12

T.C.T. Router Bits » Rebating Bits (Grooving)



Bearing Size : D-13 x B-5 x T-4

Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)
126-AA	3	12	4	8
126-A	4	12	4	8
126	6	12	4	8
127	8	12	4	8
127-A	9	12	4	8
128	10	12	4	8
129	12	12	4	8
130	15	12	4	8
131	19	12	4	8
131-A	25	12	4	8
131-B	32	12	4	12
131-C	38	12	4	12
131-D	19	12	4	12
131-E	25	12	4	12



Bearing Size : D-13 x B-5 x T-4

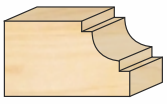
Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)
401-A	4	15	4	8
401-B	4	15	4	12
401-C	4	19	4	8
401-D	4	19	4	12
402-A	6	15	4	8
402-B	6	15	4	12
402-C	6	19	4	8
402-D	6	19	4	12
402-E	6	25	4	8
402-F	6	25	4	12
403-A	8	15	4	8
403-B	8	15	4	12
403-C	8	19	4	8
403-D	8	19	4	12
403-E	8	25	4	8
403-F	8	25	4	12

Bearing Size : D-13 x B-5 x T-4

Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)
404-A	9	15	4	8
404-B	9	15	4	12
404-C	9	19	4	8
404-D	9	19	4	12
404-E	9	25	4	8
404-F	9	25	4	12
405-A	10	15	4	8
405-B	10	15	4	12
405-C	10	19	4	8
405-D	10	19	4	12
405-E	10	25	4	8
405-F	10	25	4	12
406-A	12	15	4	8
406-B	12	15	4	12
406-C	12	19	4	8
406-D	12	19	4	12
406-E	12	25	4	8
406-F	12	25	4	12

» Classical Cove Bits



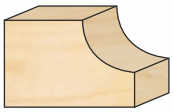


Bearing Size : D-13 x B-5 x T-4

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
117-A	10X10	28	8
117	12X12	31	8
118	15X15	36	8
118-A	15X10	36	8
119	19X19	43	8
119-A	19X12	43	8

» Cove Bits

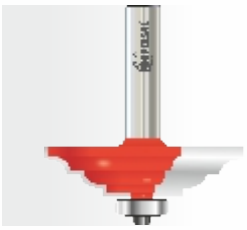


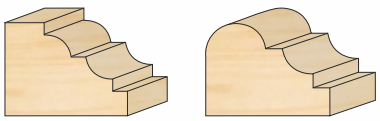


Bearing Size : D-13 x B-5 x T-4

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
132	10x10	28	8
133	12x12	31	8
134	15x15	37	8
134-A	19x19	43	8

» Corner Bits



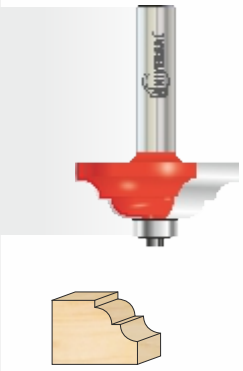


Bearing Size : D-13 x B-5 x T-4

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
135-A	15x7	40	8
135	15x10	40	8
136	15x15	40	8
137-A	19x7	47	8
137	19x10	47	8
138	19x15	47	8
139	19x19	47	8
140	22x10	52	8
141	22x12	52	8
142	22x15	52	8
143	22x22	52	8
144	25x10	57	8
145	25x15	57	8
146	25x25	57	8
147	28x10	62	8
148	28x12	62	8
149	28x15	62	8
150	35x10	74	8
151	35x12	74	8
152	35x15	74	8

T.C.T. Router Bits

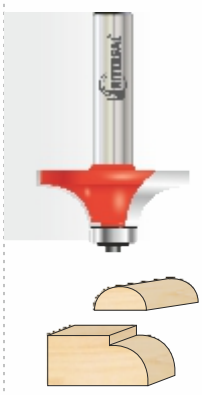
» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
153	15x15	37	8
154	19x19	43	8
155	22x22	49	8
156	25x25	54	8
157	28x28	60	8

Bearing Size : D-13 x B-5 x T-4

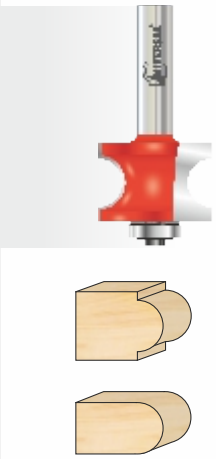
» Round Over Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
158-A	12x6	26	8
158	15x7	30	8
159-A	19x10	34	8
159	20x10	35	8
160	22x10	37	8
161	25x10	40	8
162	25x12.5	40	8
162-A	28x10	43	8
162-B	32x10	47	8

Bearing Size : D-13 x B-5 x T-4

» Half Radius Bits



Code No.	Radius (mm)	Wood Thick (mm)	Dia (mm)	Shank (mm)
163-A	3R	6	23	8
163	4R	8	25	8
164	5R	10	27	8
165	6R	12	29	8
166	7.5R	15	32	8
166-A	9.5R	19	36	12
166-B	11R	22	39	12
166-C	12.5R	25	42	12

Bearing Size : D-13 x B-5 x T-4

» Chamfer Bits



Code No.	Degree	Dia (mm)	Shank (mm)
167	15^0	37	8
168	25^0	37	8
169	45^0	37	8
169-A	45^0	42	8
169-B	45^0	47	8
169-C	45^0	52	12
169-D	45^0	57	12

Bearing Size : D-13 x B-5 x T-4

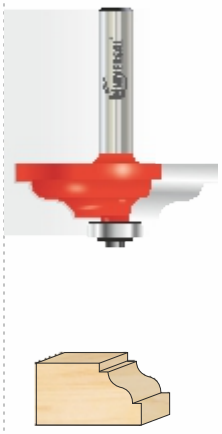
» Roman Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
170	12x12	32	8
171-A	15X6	37	8
171-B	15X8	37	8
171	15x10	37	8
172	15x15	37	8
173-A	19X6	44	8
173-B	19X8	44	8
173	19x10	44	8
174	19x15	44	8
175	19x19	44	8
176-A	22X6	49	8
176-B	22X8	49	8
176	22x15	49	8
177	22x22	49	8

Bearing Size : D-13 x B-5 x T-4

» Ogee Fillet Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
178	15x10	37	8
179	15x15	37	8
180	19x10	44	8
181	19x15	44	8
182	19x19	44	8
183	22x15	49	8
184	22x22	49	8
185	28x28	60	12

Bearing Size : D-13 x B-5 x T-4

T.C.T. ROUTER BITS

» Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
186	15x10	37	8
187	15x15	37	8
188	19x10	44	8
189	19x15	44	8
190	19x19	44	8
191	22x15	49	8
192	22x22	49	8

Bearing Size : D-13 x B-5 x T-4

» Corner Bit



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
201	10x15	32	8
202	12x15	37	8

Bearing Size : D-13 x B-5 x T-4

» Round Nose Bits



Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)
193-AA	4	8	8
193-AB	6	10	8
193-AC	6	10	6
193-AD	6	10	6.35
193	8	10	8
193-A	8	10	6
193-B	8	10	6.35
193-C	8	10	12
194	10	12	8
194-A	10	12	6
194-B	10	12	6.35
194-C	10	12	12

Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)
195	12	15	8
195-A	12	15	6
195-B	12	15	6.35
195-C	12	15	12
196	15	15	8
196-A	15	15	12
197	19	15	8
197-A	19	15	12
198	25	20	8
198-A	25	20	12

» Trim Bits



Code No.	Dia (mm)	Cutting Length	Shank (mm)
199-AA	6.35(1/4")	20	6
199-AB	6.35(1/4")	20	6.35
199-AC	6.35(1/4")	20	8

Bearing Size : 1/4" x 1/8"

Code No.	Dia (mm)	Cutting Length	Shank (mm)
199	9.52(3/8")	30	8
199-A	9.52(3/8")	30	12
199-B	9.52(3/8")	20	6
199-C	9.52(3/8")	20	6.35
199-D	9.52(3/8")	38	8
199-E	9.52(3/8")	38	12
199-F	9.52(3/8")	50	8
199-G	9.52(3/8")	50	12

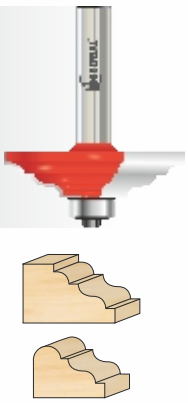
Bearing Size : 3/8" x 3/16"

Code No.	Dia (mm)	Cutting Length	Shank (mm)
200	12.70(½")	30	8
200-A	12.70(½")	30	12
200-B	12.70(½")	30	12.70
200-C	12.70(½")	20	6
200-D	12.70(½")	20	6.35
200-E	12.70(½")	38	8
200-F	12.70(½")	38	12
200-G	12.70(½")	50	8
200-H	12.70(½")	50	12

Bearing Size : 1/2" x 3/16"

T.C.T. ROUTER BITS

» Corner Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
203	15x10	40	8
204	15x15	40	8
205	19x10	47	8
206	19x15	47	8
207	19x19	47	8
208	22x10	52	8
209	22x12	52	8
210	22x15	52	8
211	22x22	52	8
212	25x10	57	8
213	25x15	57	8
214	25x25	57	8
215	28x10	62	8
216	28x12	62	8
217	28x15	62	8
218	35x10	74	8
219	35x12	74	8
220	35x15	74	8

Bearing Size : D-13 x B-5 x T-4

» Ball Profile Router Bits



Code No.	Round Size (mm)	Dia (mm)	Shank (mm)
AG.08.6	8x6	13	8
AG.10.6	10X6	15	8
AG.12.6	12X6	17	8
AG.15.6	15X6	20	8
AG.18.6	18X6	23	8
AG.19.6	19X6	24	8
AG.20.6	20X6	25	8
AG.22.6	22X6	27	8
AG.25.6	25X6	30	8
AG.30.6	30x6	36	8
AG.32.6	32X6	38	8

» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
221	15x15	37	8
222	19x19	43	8
223	22x22	49	8
224	25x25	54	8
225	28x28	60	12

Bearing Size : D-13 x B-5 x T-4

» Plung Ogee Fillet Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
226	19X10	19	8
227	22X10	22	8
228	25X10	25	8
228-A	32X10	32	8

» Ovolo Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
229	10x8	10	8
230	12x8	12	8
231	15x8	15	8
232	19x10	19	8
233	22x10	22	8
234	25x10	25	8
234-A	32x10	32	8

» Plung Classical Bits

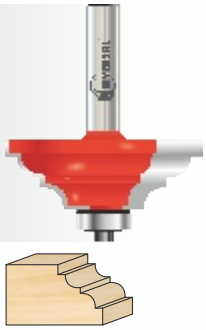


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
235	15x10	15	8
236	19x10	19	8
237	22x10	22	8
238	25x10	25	8
239	25x12	25	8
239-A	32x12	32	8

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T.C.T. ROUTER BITS

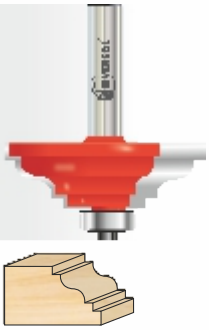
» Frame Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
240	15x15	37	8
241	19x19	43	8
242	22x22	49	8
243	25x25	54	8

Bearing Size : D-13 x B-5 x T-4

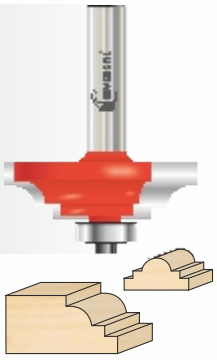
» Ogee Double Fillet Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
244	15x15	37	8
245	19x19	44	8
246	22x15	49	8
247	22x22	49	8
248	28x28	60	12

Bearing Size : D-13 x B-5 x T-4

» Classical Bedding Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
249	15x8	30	8
250	20x8	35	8
251	20x10	35	8
252	22x10	37	8
253	25x10	40	8
254	25x12	40	8
255	28x10	43	8
256	28x12	43	8
257	32x10	47	8
258	32x12	47	8

Bearing Size : D-13 x B-5 x T-4

» Ovolo Bits



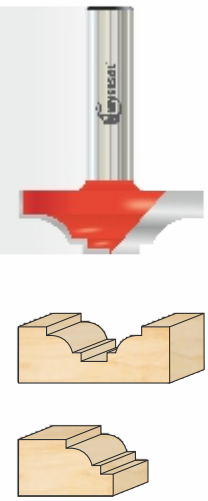
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
259	10x8	10	8
260	12x8	12	8
261	15x8	15	8
262	19x10	19	8
263	22x10	22	8
264	25x10	25	8
265	32x12	32	8
266	38x12	38	8

» V Groove Bits



Code No.	Dia (mm)	Degree (mm)	Depth (mm)	Shank (mm)
267-A	8	90°	4	8
267-AA	8	90°	4	6
267-AB	8	90°	4	6.35
267-B	10	90°	5	8
267-AC	10	90°	5	6
267-AD	10	90°	5	6.35
267	12	90°	6	8
267-AE	12	90°	6	6
267-AF	12	90°	6	6.35
268	15	90°	7.5	8
268-A	15	90°	7.5	12
269	19	90°	9.5	8
269-A	19	90°	9.5	12
269-B	25	90°	12.5	8
269-C	25	90°	12.5	12
269-D	32	90°	16	8
269-E	32	90°	16	12

» Classical Pattern Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
270	15X10	15	8
271	19X10	19	8
272	22X10	22	8
272-A	25X10	25	8
273	25X12	25	8
273-A	28X12	28	8
274	32X12	32	8

T.C.T. ROUTER BITS

» Spiral & Round Over Bits For Rassi

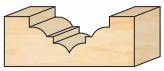


Code No.	Cutting Length	Dia (mm)	Shank (mm)
275	25	25	12
276	25	28	12
277	25	32	12
278	25	38	12
279	32	50	12



» Cove Bits



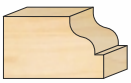


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
280	15x10	15	8
281	19x10	19	8
282	22x10	22	8
283	25x12	25	8
284	32x12	32	8
285	38x12	38	8

Bearing Size : D-13 x B-5 x T-4

» Roman Ogee Bits



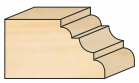


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
286	12x12	31	8
287	15x15	36	8
288	19x19	43	8
289	22x22	48	8

Bearing Size : D-13 x B-5 x T-4

» Framing Bits



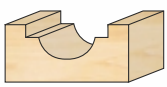


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
290	12x12	39	8
291	15x15	45	8
292	19x19	53	8
293	22x22	59	8

Bearing Size : D-13 x B-5 x T-4

» Core Box Bits



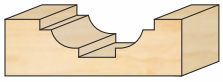


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
294	10x8	10	8
295	12x8	12	8
296	15x8	15	8
297	19x10	19	8
298	22x10	22	8
299	25x10	25	8
300	28x10	28	8

» Plung Cavetto Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
301	15x8	15	8
302	19x10	19	8
303	20x10	20	8
304	22x10	22	8
305	25x10	25	8
306	25x12	25	8
307	28x12	28	8
308	32x12	32	8



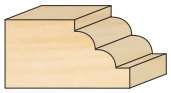
T.C.T. ROUTER BITS

» Double Round Mould Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
309	12x12	32	8
310	15x15	37	8
311	19x19	43	8

Bearing Size : D-13 x B-5 x T-4

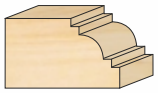


» Double Fillet Cove Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
312	15x15	37	8
313	19x19	43	8
314	22x22	49	8
315	25x25	54	8

Bearing Size : D-13 x B-5 x T-4



» Classical Bits



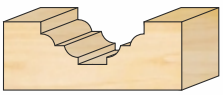
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
316	15x10	15	8
317	19x10	19	8
318	22x10	22	8
319	25x10	25	8
320	28x10	28	8



» Corner Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
321	19x10	19	8
322	22x10	22	8
323	25x10	25	8
324	28x10	28	8

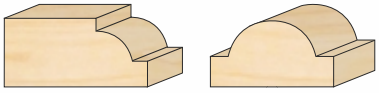


» Beading Router Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
325	15x10	30	8
326	18x10	33	8
327	22x10	37	8
328	28x10	43	8

Bearing Size : D-13 x B-5 x T-4

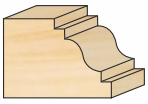


» Corner Frame Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
341	15x15	37	8
342	19x19	43	8
343	22x22	49	8
344	25x25	53	8
345	28x28	59	12

Bearing Size : D-13 x B-5 x T-4



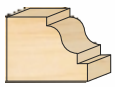
T.C.T. ROUTER BITS

» Beading Router Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
346	15x15	37	8
347	19x19	43	8
348	22x22	49	8
349	25x25	53	8
350	28x28	59	12

Bearing Size : D-13 x B-5 x T-4



» Corner Radius Bits



Code No.	Radius (mm)	Dia (mm)	Shank (mm)
439	16R	45	12
440	19R	51	12
441	22R	57	12
442	25R	63	12

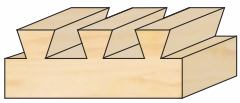
Bearing Size : D-13 x B-5 x T-4



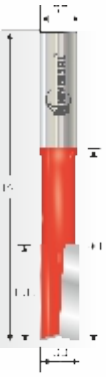
» Dovetail Bits



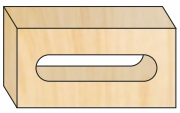
Code No.	Dia (mm)	Height (mm)	Shank (mm)
430	12.7	12.7	8
430-A	12.7	12.7	12
431	15.8	16	8
431-A	15.8	16	12
432	19	20	8
432-A	19	20	12
432-B	25.4	26	8
432-C	25.4	26	12



» T.C.T. Long Slot Drill Bit



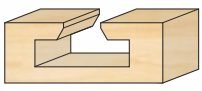
Code No.	Dia (mm)	C.L. (mm)	Shank (mm)	Rotation
473	3/8"	40	12	R.H.
474	3/8"	40	12	L.H.
475	1/2"	40	12	R.H.
476	1/2"	40	12	L.H.



» T- Slotting Bits

Code No.	Dia (mm)	H1 (mm)	H2 (mm)	Shank (mm)
450	29	13.50	8	12
450-A	29	13.50	8	8

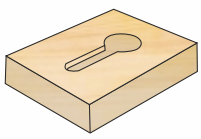




» Key Hole Bits

Code No.	Dia (mm)	D1 (mm)	B (mm)	H (mm)	Shank (mm)
451	9.52	6.35	4.76	9.50	8
451-A	9.52	6.35	4.76	9.50	12
452	12.70	6.35	4.76	9.50	8
452-A	12.70	6.35	4.76	9.50	12

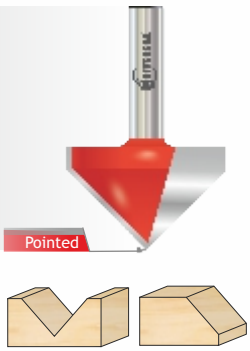




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T.C.T. ROUTER BITS

» "V" Groove Bits (Pointed)

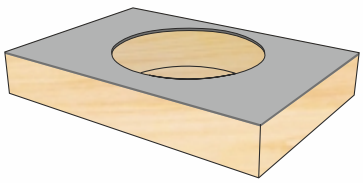


Code No.	Dia (mm)	Degree	Height (mm)	Shank (mm)
443	19	90°	9.5	8
443-A	19	90°	9.5	6
443-B	19	90°	9.5	6.35
444	22	90°	11	8
444-A	22	90°	11	6
444-B	22	90°	11	6.35
445	25	90°	12.5	8
445-A	25	90°	12.5	6
445-B	25	90°	12.5	6.35
446	32	90°	16	8
446-A	32	90°	16	6

Code No.	Dia (mm)	Degree	Height (mm)	Shank (mm)
446-B	32	90°	16	6.35
447	32	120°	13	8
447-A	32	120°	13	6
447-B	32	120°	13	6.35
448	32	140°	10	8
448-A	32	140°	10	6
448-B	32	140°	10	6.35
449	32	150°	9	8
449-A	32	150°	9	6
449-B	32	150°	9	6.35

» Hinge Boring Bits





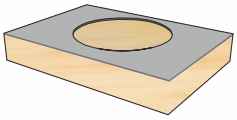
Code No.	Dia (mm)	Shank (mm)	Shank Length (mm)
901	15	10	55
902	19	10	55
903	20	10	55
904	22	10	55
905	25	10	55
906	28	10	55
907	30	10	55
908	32	10	55
909	34	10	55
910	35	10	55
911	36	10	55
912	38	10	55
913	40	10	55
914	42	10	55
915	45	10	55
916	48	10	55
917	50	10	55
918	52	10	55
919	55	10	55
920	58	10	55
921	60	10	55
922	63.5	10	55
923	65	12	55
924	70	12	55
925	75	12	55
926	80	12	55
927	85	12	55
928	90	12	55
929	95	12	55
930	100	12	55

T.C.T. ROUTER BITS » Hole Saw Boring Bits



Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)
931	35	28	12
931-A	38	28	12
932	40	28	12
933	45	28	12
934	50	28	12
935	55	28	12
936	60	28	12
936-A	62	28	12
937	63.5	28	12
937-A	65	28	12
938	70	28	12
939	75	28	12
940	80	28	12
941	85	28	12
942	90	28	12
943	95	28	12

Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)
944	100	28	12
945	125	28	12
946	150	28	16
947	175	28	16
948	200	28	16
949	225	28	16
950	250	28	16

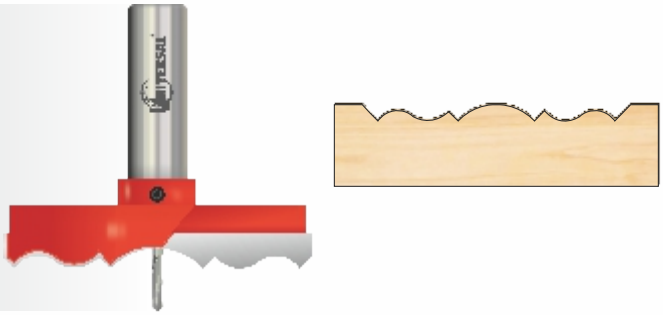


Hole Saw Boring Bits for Aluminum Cutting

Used For Aluminum Profile Shutters Suitable For Hinges

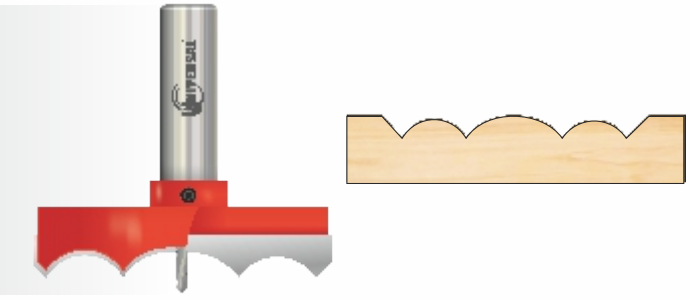
Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)
931-ALU	35	20	12

» Flower Router Bits (For Making Attractive Flower Style Designs)



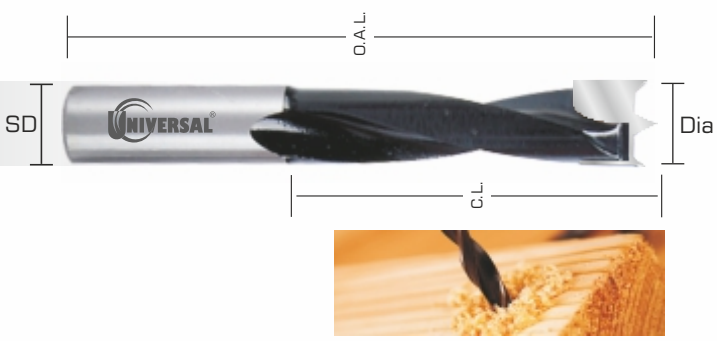
Code No.	Dia (mm)	Depth (mm)	Shank (mm)
455	35	6	12
456	40	6	12
457	45	6	12
458	50	6	12
459	65	6	12
460	75	6	12
461	100	6	12
462	125	6	12
463	150	6	12

» Flower Router Bits (For Making Attractive Flower Style Designs)



Code No.	Dia (mm)	Depth (mm)	Shank (mm)
464	35	6	12
465	40	6	12
466	45	6	12
467	50	6	12
468	65	6	12
469	75	6	12
470	100	6	12
471	125	6	12
472	150	6	12

» T.C.T. Drill Bit (Boring Bit) (New Series)



Code No.	Dia (mm)	C.L. (mm)	O.A.L. (mm)	Shank (mm)
477	10	100	150	9
478	12	100	150	10
479	13	100	150	12
480	14	100	150	12
481	15	100	150	12
482	16	100	150	12
483	17	100	150	12
484	18	100	150	12
485	19	100	150	12
486	20	100	150	12

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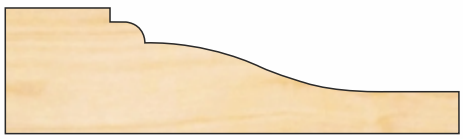
T.C.T. ROUTER BITS

» Raised Panel Router Bits

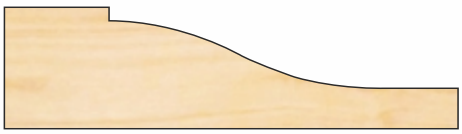
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
329	40x18	93	12
330	40x18	93	12
331	40x18	93	12
332	40x18	93	12
333	40x18	93	12
334	40x18	93	12
335	40x18	93	12
336	40x18	93	12
337	40x18	93	12
338	40x18	93	12
329-A	50x18	113	12
330-A	50x18	113	12
331-A	50x18	113	12
332-A	50x18	113	12
333-A	50x18	113	12
334-A	50x18	113	12
335-A	50x18	113	12
336-A	50x18	113	12
337-A	50x18	113	12
338-A	50x18	113	12

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
329-B	32X18	77	12
330-B	32X18	77	12
331-B	32X18	77	12
332-B	32X18	77	12
333-B	32X18	77	12
334-B	32X18	77	12
335-B	32X18	77	12
336-B	32X18	77	12
337-B	32X18	77	12
338-B	32X18	77	12
329-C	32X18	77	8
330-C	32X18	77	8
331-C	32X18	77	8
332-C	32X18	77	8
333-C	32X18	77	8
334-C	32X18	77	8
335-C	32X18	77	8
336-C	32X18	77	8
337-C	32X18	77	8
338-C	32X18	77	8

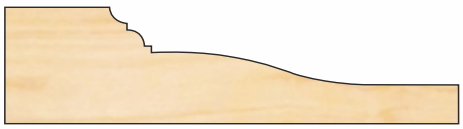




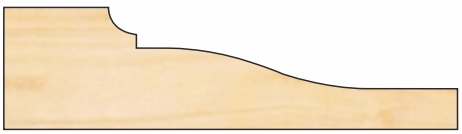
Code No. :329 / 329-A
329-B / 329-C



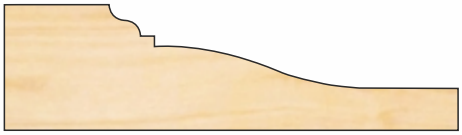
Code No. :330 / 330-A
330-B / 330-C



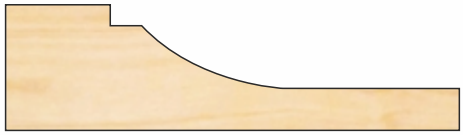
Code No. :331 / 331-A
331-B / 331-C



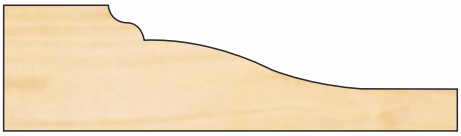
Code No. :332 / 332-A
332-B / 332-C



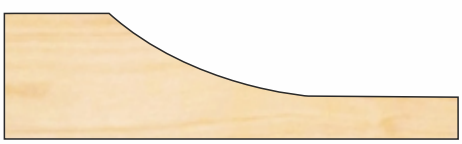
Code No. :333 / 333-A
333-B / 333-C



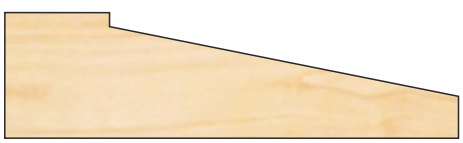
Code No. :334 / 334-A
334-B / 334-C



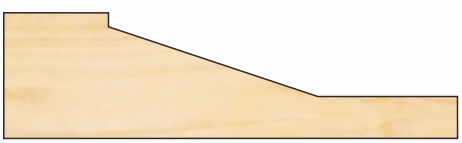
Code No. :335 / 335-A
335-B / 335-C



Code No. :336 / 336-A
336-B / 336-C

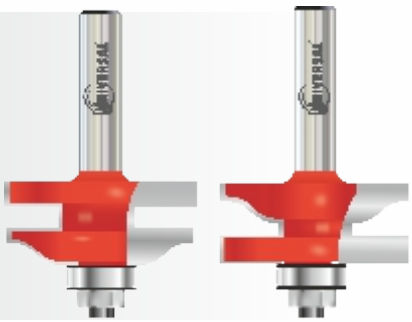


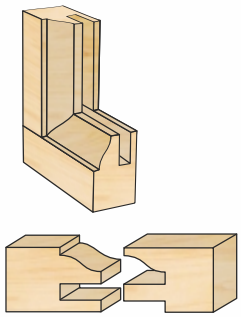
Code No. :337 / 337-A
337-B / 337-C



Code No. :338 / 338-A
338-B / 337-C

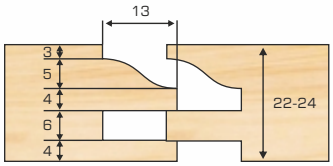
T.C.T. Router Bits For Counter Profile (Male-Female)



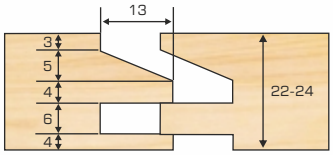


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
381	22-24	48	12
382	22-24	48	12
383	22-24	48	12
384	22-24	48	12
385	22-24	48	12
386	22-24	48	12
387	18-20	48	12
388	18-20	48	12
389	18-20	48	12
390	18-20	48	12
391	18-20	48	12
392	18-20	48	12

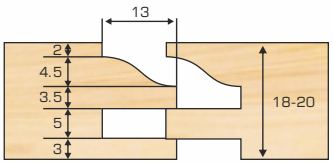
Bearing Size : 22mm x 8mm x 6mm



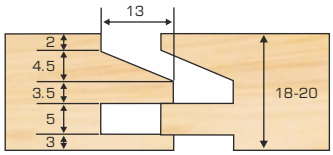
Code No. : 381



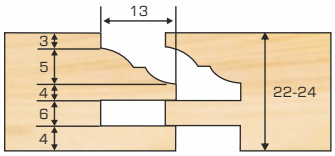
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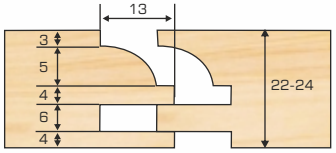
Code No. : 387



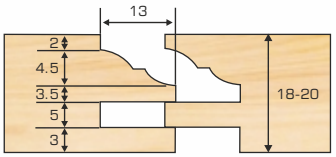
Code No. : 390



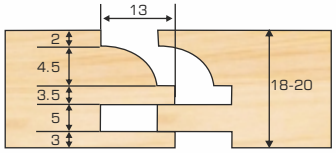
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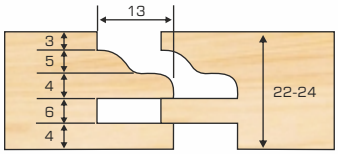
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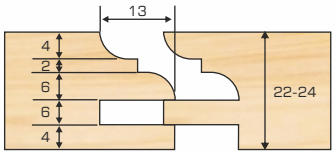
Code No. : 388



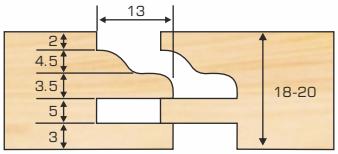
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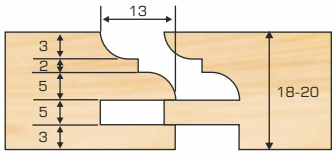
Code No. : 383



Code No. : 386



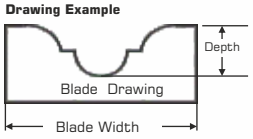
Code No. : 389



Code No. : 392

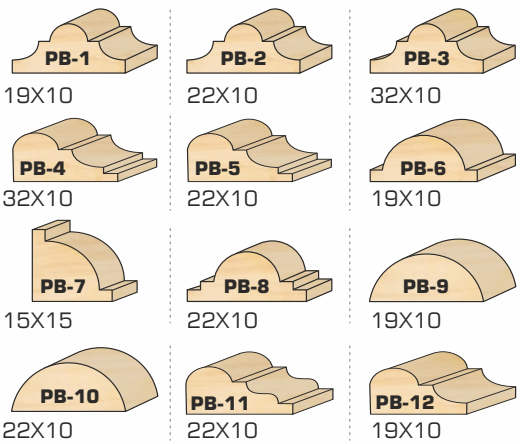
Profile Blades





As Per Sample & As Per Drawing

Width (mm)	Depth (mm)	Thick (mm)
Up to 25	Up to 12	6
26 to 32	Up to 12	6
33 to 38	Up to 12	6
39 to 50	Up to 12	6
51 to 60	Up to 12	6
61 to 70	Up to 12	6
71 to 80	Up to 12	6
81 to 90	Up to 12	6
91 to 100	Up to 12	6
101 to 110	Up to 12	6
111 to 120	Up to 12	6
121 to 130	Up to 12	6



12 pieces blade set
as per above wooden picture and size

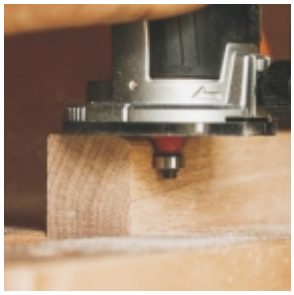
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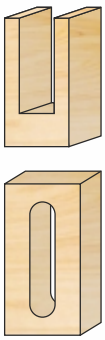
ECONOMIC ROUTER BITS SERIES

Cleaning Bottam Straight Bits - TJ





Cleaning Bottom Bits



Code No.	Dia (mm)	C.L. (mm)	Shank (mm)
TJ-1	6	20	8
TJ-2	6	25	8
TJ-4	8	20	8
TJ-5	8	30	8
TJ-6	8	38	8
TJ-7	8	50	8
TJ-8	10	20	8
TJ-9	10	30	8
TJ-10	10	40	8
TJ-11	10	50	8
TJ-12	12	20	8
TJ-13	12	30	8
TJ-14	12	40	8
TJ-15	12	50	8

Straight Bits - O

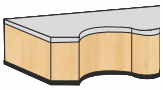




2 Flute

Code No.	Dia (mm)	C.L. (mm)	Shank (mm)
O-1	4	12	8
O-2	6	20	8
O-3	8	20	8
O-4	10	20	8
O-5	12	20	8

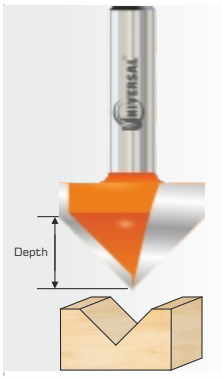
Flush Trim Bits - P





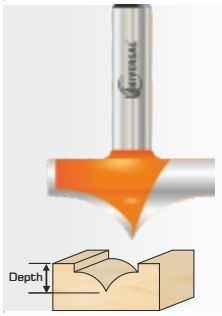
Code No.	Dia (inch)	C.L. (mm)	Shank (mm)
P-1	1/4"	20	8
P-2	3/8"	25	8
P-2A	3/8"	38	8
P-3	1/2"	25	8
P-4	1/2"	38	8
P-5	1/2"	50	8

"V" Groove Bits - M



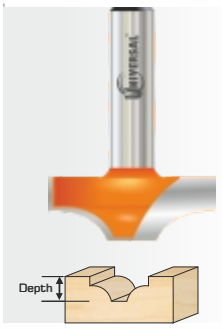
Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)
M-1	8	90°	4	8
M-2	10	90°	5	8
M-3	12	90°	6	8
M-4	15	90°	7.5	8
M-5	19	90°	9.5	8
M-6	25	90°	12.5	8

Center Ovolo Bits - L



Code No.	Dia (mm)	Depth (mm)	Shank (mm)
L-3	10	5	8
L-4	12	7	8
L-6	15	8	8
L-8	19	9	8
L-9	25	10	8

Plunge Cut Beading Bits - K

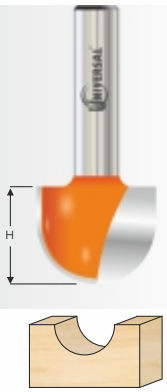


Code No.	Dia (mm)	Depth (mm)	Shank (mm)
K-3	10	5	8
K-4	12	6	8
K-6	15	6	8
K-8	19	7	8
K-10	25	8	8
K-11	32	9	8

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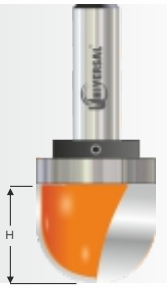
ECONOMIC ROUTER BITS SERIES

Round Nose Bits - I

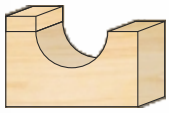


Code No.	Dia (mm)	R	H (mm)	Shank (mm)
I-1	6	3	8	8
I-2	8	4	8	8
I-3	10	5	10	8
I-4	12	6	11	8
I-5	15	7.5	12	8
I-6	19	9.5	14	8
I-8	25	12.5	16	8

Round Nose Bits - IB (Top Bering)



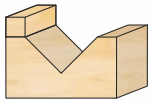
Code No.	Dia (mm)	R	H (mm)	Shank (mm)
IB-2	16	7.9	12	8



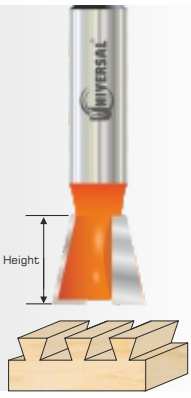
"V" Groove Bits - MB (Top Bering)



Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)
MB-1	16	90°	8	8
MB-2	19	90°	9.5	8



Dovetail Bits - Q (14° Degree)



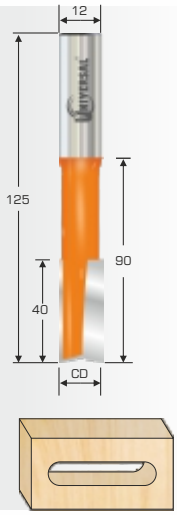
Code No.	Dia (mm)	Height (mm)	Shank (mm)
Q-1	9.5	9.5	8
Q-2	12.7	12.7	8
Q-3	15.8	15.8	8
Q-4	19	19	8
Q-5	25.4	25.4	8

Hing Boring Bits - U



Code No.	Dia (inch)	Shank (mm)
U-1	15	10
U-1B	16	10
U-1A	19	10
U-2	20	10
U-3	25	10
U-4	30	10
U-5	35	10
U-6	38	10
U-7	40	10
U-8	45	10
U-9	50	10
U-10	55	10
U-11	60	10
U-12	63.5	10
U-13	65	10
U-14	75	10

Sal Win Bits - V (Slot Mortising Bits)



Code No.	Dia (mm)	Rotation	OAL (mm)	Shank (mm)
V-1R	3/8"	Right	125	12
V-2L	3/8"	Left	125	12
V-5R	1/2"	Right	125	12
V-6L	1/2"	Left	125	12

Cutting Depth 90mm
Tip Length 40mm

Pattern Bits - PB (Top Bering)



Code No.	Dia (mm)	CL (mm)	Shank (mm)
PB-2	16	25	8

ECONOMIC ROUTER BITS SERIES

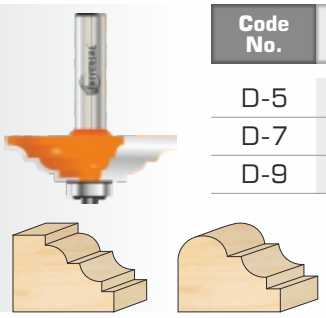
Beading Bits - A



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)
A-1	22	8x8	8
A-2	25	10x10	8
A-9	28	12x10	8
A-3	28	12x12	8
A-4	32	14x14	8
A-5	37	17x17	8
A-6	46	22x22	8

Bearing Size : 3/8" x 3/16"

Ovolo-Cove Profile Bits - D



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)
D-5	37	15x10	8
D-7	44	19x10	8
D-9	49	22x10	8

Bearing Size : 3/8" x 3/16"

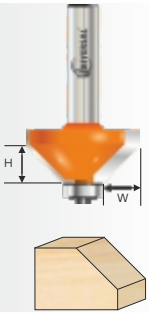
Roman Ogee Bits - F



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)
F-1A	34	15x6	8
F-2A	34	15x8	8
F-3A	34	15x10	8
F-4A	41	19x6	8
F-5A	41	19x8	8
F-6A	41	19x10	8

Bearing Size : 3/8" x 3/16"

Chamfer Bits - H



Code No.	Dia (mm)	H / W (mm)	Degree (mm)	Shank (mm)
H-2	40	15x15	45°	8

Bearing Size : 3/8" x 3/16"

Corner Radius Bits - G



Code No.	Dia (inch)	R (mm)	Shank (mm)
G-1	16.7	2	8
G-2	18.7	3	8
G-2A	22.7	5	8
G-3	25.4	6.35	8
G-5	31.7	9.5	8
G-6	38.1	12.7	8

Bearing Size : 1/2" x 3/16"

Rebating Slot Bits - E (4 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)
E-1	35	4	13	8
E-2	35	6	13	8
E-3	35	8	13	8
E-3A	35	9	13	8
E-4	35	10	13	8
E-5	35	12	13	8

Bearing Size : 3/8" x 3/16"

Rebating Slot Bits - E (2 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)
E-11	35	4	13	8
E-12	35	6	13	8
E-13	35	8	13	8
E-14	35	9	13	8
E-15	35	10	13	8
E-16	35	12	13	8

Bearing Size : 3/8" x 3/16"

Bearing for all Router Bits



Code No.	Dia	Bore	Thick
BA-1	1/4"	1/8"	2.7mm
BA-2	3/8"	3/16"	1/8"
BA-3	1/ 2"	3/16"	5mm
BA-4	9mm	5mm	3mm
BA-5	11mm	5mm	4mm
BA-6	13mm	5mm	4mm
BA-7	16mm	5mm	5mm
BA-8	16mm	8mm	5mm
BA-9	19mm	8mm	6mm

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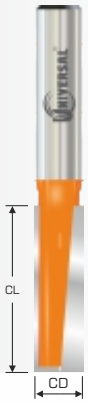


ROUTER BITS FOR
TRIMMER ROUTER MACHINE
SHANK DIA 6MM & 6.35MM



ECONOMIC ROUTER BITS SERIES

Cleaning Bottam Straight Bits - TJ 1



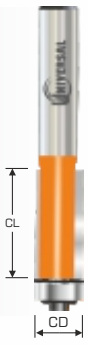


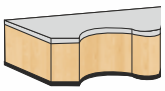


Cleaning Bottom Bits

Code No.	Dia (inch)	C.L. (mm)	Shank (mm)
TJ-1A	6	20	6
TJ-1AY	6	20	6.35
TJ-4A	8	20	6
TJ-4AY	8	20	6.35
TJ-8A	10	20	6
TJ-8AY	10	20	6.35
TJ-12A	12	20	6
TJ-12AY	12	20	6.35

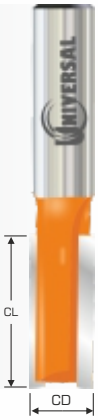
Flush Trim Bits - TS 4

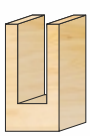




Code No.	Dia (inch)	C.L. (mm)	Shank (mm)
TS-4	1/4"	20	6
TS-4Y	1/4"	20	6.35
TS-5	3/8'	25	6
TS-5Y	3/8"	25	6.35
TS-6	1/2"	25	6
TS-6Y	1/2"	25	6.35

Straight Bits - TS 10





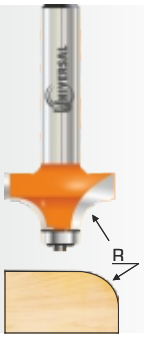


2 Flute

Code No.	Dia (inch)	C.L. (mm)	Shank (mm)
TS-10A	4	12	6
TS-10AY	4	12	6.35
TS-10	6	20	6
TS-10Y	6	20	6.35
TS-11	8	20	6
TS-11Y	8	20	6.35
TS-11A	10	20	6
TS-11AY	10	20	6.35
TS-12	12	20	6
TS-12Y	12	20	6.35

ECONOMIC ROUTER BITS SERIES

Corner Radius Bits - TS 1



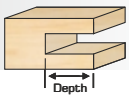
Code No.	Dia (inch)	R (mm)	Shank (mm)
TS-1	16.7	2	6
TS-1Y	16.7	2	6.35
TS-2	18.7	3	6
TS-2Y	18.7	3	6.35
TS-3	25.4	6.35	6
TS-3Y	25.4	6.35	6.35
TS-3A	31.7	9.5	6
TS-3AY	31.7	9.5	6.35
TS-3B	38.1	12.7	6
TS-3BY	38.1	12.7	6.35

Bearing Size : 1/2" x 3/16"

Rebating Slot Bits - TS 29 (4 Teeth)



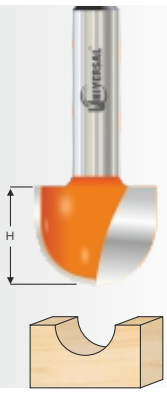
(4 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)
TS-29	35	4	13	6
TS-29Y	35	4	13	6.35
TS-30	35	6	13	6
TS-30Y	35	6	13	6.35
TS-31	35	8	13	6
TS-31Y	35	8	13	6.35
TS-31A	35	9	13	6
TS-31AY	35	9	13	6.35
TS-32	35	10	13	6
TS-32Y	35	10	13	6.35
TS-33	35	12	13	6
TS-33Y	35	12	13	6.35

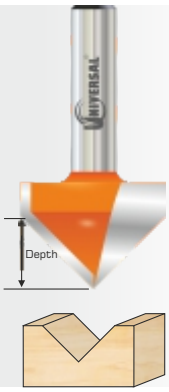
Bearing Size : 3/8" x 3/16"

Round Nose Bits - TS 19



Code No.	Dia (mm)	R (mm)	Depth (mm)	Shank (mm)
TS-19	6	3	8	6
TS-19Y	6	3	8	6.35
TS-20	8	4	8	6
TS-20Y	8	4	8	6.35
TS-21	10	5	10	6
TS-21Y	10	5	10	6.35
TS-22	12	6	11	6
TS-22Y	12	6	11	6.35
TS-23	15	7.5	12	6
TS-23Y	15	7.5	12	6.35

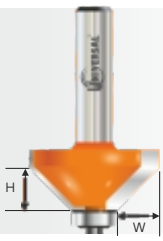
"V" Groove Bits - TS 24



Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)
TS-24	8	90°	4	6
TS-24Y	8	90°	4	6.35
TS-25	10	90°	5	6
TS-25Y	10	90°	5	6.35
TS-26	12	90°	6	6
TS-26Y	12	90°	6	6.35
TS-27	15	90°	7.5	6
TS-27Y	15	90°	7.5	6.35

Chamfer Bits - TS 8



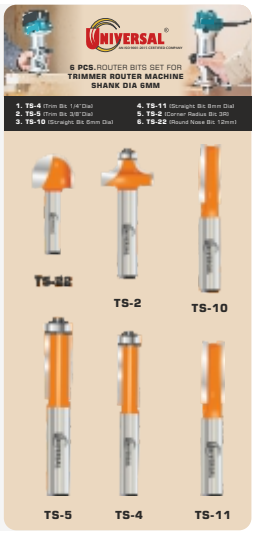


Code No.	Dia (mm)	H / W (mm)	Degree (mm)	Shank (mm)
TS-8	25.5	8x8	45°	6
TS-8Y	25.5	8x8	45°	6.35

Bearing Size : 3/8" x 3/16"

6 Pcs. Trimmer Set Bits - 6mm Shank

Code No.: Trimset - 01



6 Pcs. Trimmer Set Bits - 1/4" Shank

Code No.: Trimset - 02





TOOLS FOR

CNC ROUTER MACHINES

- SOLID CARBIDE ROUTER BITS
- TCT BRAZED ROUTER BITS
- CLAMPING SYSTEMS



CUTTING / GROOVING / CARVING / PROFILING / MILLING

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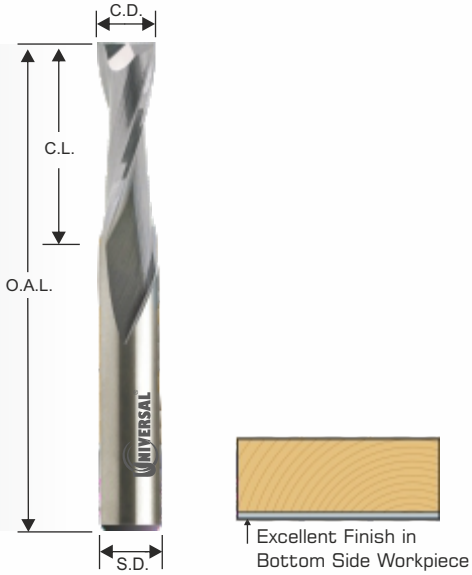
Two Flute Solid Carbide Spiral Bit (End Mill)

Application : Used For Ripping, Template Routing, Panel Sizing And Through & blind Cutting Application on Solid Wood, MDF, Particle Board, Melamine Board, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed on Well-clamped Work Pieces.

Use On : All CNC Machine & Highspeed Router Machine.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection



Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.TFS.02.12	2	3	12	45	2
UT.TFS.03.15	3	3	15	45	2
UT.TFS.04.20	4	4	20	50	2
UT.TFS.05.20	5	5	20	50	2
UT.TFS.06.22	6	6	22	55	2
UT.TFS.08.30	8	8	30	60	2
UT.TFS.10.30	10	10	30	70	2
UT.TFS.12.30	12	12	30	70	2

Two Flute Solid Carbide Ball Nose Bit

Application : The Tool Can Be Used For Carving And Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed On well Workpiece.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection



Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.TFB.02.08	2	3	8	45	2
UT.TFB.03.15	3	3	15	45	2
UT.TFB.04.20	4	4	20	50	2
UT.TFB.05.20	5	5	20	50	2
UT.TFB.06.20	6	6	20	55	2
UT.TFB.08.22	8	8	22	60	2
UT.TFB.10.30	10	10	30	70	2
UT.TFB.12.30	12	12	30	70	2

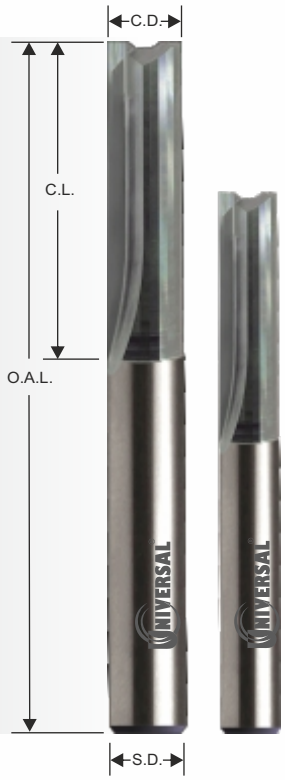
Two Flute Solid Carbide Straight Bit

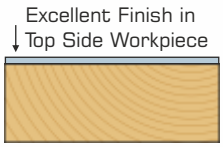
Application : The Tool Can Be Used For Through & Blind Cutting, Rabbeting, Grooving, Trimming & Copying Of Raw Material, Solid Wood, Melamine Board, Mdf, Partical Board & Laminated Plyboard

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection

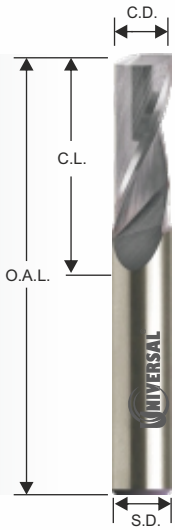




Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.ST.4.4.15	4	4	15	50	2
UT.ST.4.4.20	4	4	20	50	2
UT.ST.5.5.22	5	5	22	50	2
UT.ST.6.6.20	6	6	20	55	2
UT.ST.6.6.25	6	6	25	55	2
UT.ST.6.6.30	6	6	30	55	2
UT.ST.6.6.40	6	6	40	75	2
UT.ST.8.8.25	8	8	25	60	2
UT.ST.8.8.30	8	8	30	60	2
UT.ST.8.8.40	8	8	40	75	2
UT.ST.8.8.50	8	8	50	100	2
UT.ST.10.10.30	10	10	30	70	2
UT.ST.10.10.40	10	10	40	75	2
UT.ST.10.10.50	10	10	50	100	2
UT.ST.12.12.30	12	12	30	70	2
UT.ST.12.12.40	12	12	40	75	2
UT.ST.12.12.50	12	12	50	100	2

Single Flute Solid Carbide Up Cut Spiral Bit

Application : Design To Provide A Smoother Finished Cut And Rout Wood Composite Where Upward Chip Removal, Long Life And Quality Finish Are Desired.
Use In : ACP, Acrylic, Shine Board & Plastic.





Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.SFS.03.12	3	3	12	45	1
UT.SFS.04.15	4	4	15	50	1
UT.SFS.05.15	5	5	15	50	1
UT.SFS.06.20	6	6	20	55	1
UT.SFS.08.25	8	8	25	60	1
UT.SFS.10.30	10	10	30	70	1

Straight Bits with Solid Carbide Insert (Steel Shank)

Application : Design To Provide A Smoother Finished Cut Used In Specially For ACP, Acrylic, Plastics, Laminated Panel & Aluminum Composite Panel Where Upward Chip Removal Long Life And Quality Finish.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection



Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.INS.02.6.6	2	6	6	50	2
UT.INS.02.6.8	2	8	6	50	2
UT.INS.03.8.6	3	6	8	50	2
UT.INS.03.8.8	3	8	8	50	2
UT.INS.03.15.6	3	6	15	60	2
UT.INS.03.15.8	3	8	15	60	2
UT.INS.03.10.12	3	12	10	65	2
UT.INS.04.12.6	4	6	12	55	2
UT.INS.04.12.8	4	8	12	55	2
UT.INS.04.15.8	4	8	15	60	2
UT.INS.04.20.8	4	8	20	65	2
UT.INS.04.15.12	4	12	15	70	2
UT.INS.04.20.12	4	12	20	75	2
UT.INS.05.20.12	5	12	20	75	2
UT.INS.06.15.12	6	12	15	70	2
UT.INS.06.25.12	6	12	25	80	2
UT.INS.08.15.12	8	12	15	70	2
UT.INS.08.22.12	8	12	22	75	2
UT.INS.08.28.12	8	12	28	80	2

Solid Carbide Engraving Router Bit

Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 1 Straight cutting edges (1 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection



Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.EG.04.30	4	4	30°	50	1
UT.EG.04.60	4	4	60°	50	1
UT.EG.06.30	6	6	30°	55	1
UT.EG.06.60	6	6	60°	55	1
UT.EG.08.30	8	8	30°	60	1
UT.EG.08.60	8	8	60°	60	1

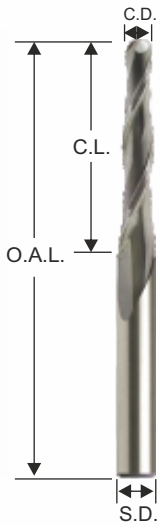
Solid Carbide Taper Ball Nose Spiral Bit

Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection



Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.TBS.01.25.6	1-6	6	25	55	2
UT.TBS.02.25.6	2-6	6	25	55	2
UT.TBS.03.25.6	3-6	6	25	55	2
UT.TBS.04.25.6	4-6	6	25	55	2
UT.TBS.01.35.6	1-6	6	35	75	2
UT.TBS.02.35.6	2-6	6	35	75	2
UT.TBS.03.35.6	3-6	6	35	75	2
UT.TBS.04.35.6	4-6	6	35	75	2
UT.TBS.02.35.8	2-8	8	35	75	2
UT.TBS.03.35.8	3-8	8	35	75	2
UT.TBS.04.35.8	4-8	8	35	75	2

Solid Carbide Straight Taper Ball Nose Bit

Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection

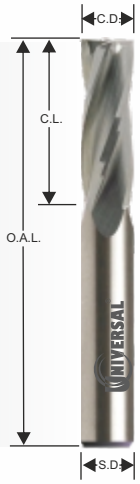


Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.STB.01.25.6	1-6	6	25	55	2
UT.STB.02.25.6	2-6	6	25	55	2
UT.STB.03.25.6	3-6	6	25	55	2
UT.STB.04.25.6	4-6	6	25	55	2
UT.STB.01.35.6	1-6	6	35	75	2
UT.STB.02.35.6	2-6	6	35	75	2
UT.STB.03.35.6	3-6	6	35	75	2
UT.STB.04.35.6	4-6	6	35	75	2
UT.STB.02.35.8	2-8	8	35	75	2
UT.STB.03.35.8	3-8	8	35	75	2
UT.STB.04.35.8	4-8	8	35	75	2

Four Flute Solid Carbide Spiral Bit

Application : The Tool Can Be Used For Through & Blind Cutting, Rabbeting, Grooving, Trimming & Copying of Raw Material, Solid Wood, Melamine Board, Mdf, Partical Board & Laminated Plyboard.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.



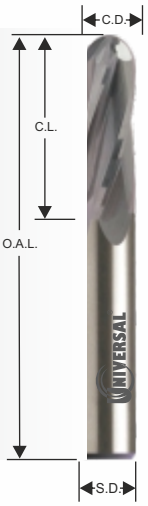

Excellent Finish in Bottom Side Workpiece

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.FFS.03.15	3	3	15	45	4
UT.FFS.04.20	4	4	20	50	4
UT.FFS.05.20	5	5	20	50	4
UT.FFS.06.22	6	6	22	55	4
UT.FFS.08.25	8	8	25	60	4

Four Flute Solid Carbide Ball Nose Bit

Application : The Tool Can Be Used For Through & Blind Cutting, Rabbeting, Rounding Profile & Copying of Raw Material, Solid Wood, Melamine Board, Mdf, Partical Board & Laminated Plyboard.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.




Excellent Finish in Bottom Side Workpiece

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.FFB.03.15	3	3	15	45	4
UT.FFB.04.20	4	4	20	50	4
UT.FFB.05.20	5	5	20	50	4
UT.FFB.06.20	6	6	20	55	4
UT.FFB.08.25	8	8	25	60	4

Dust Chip Extraction Nut



Application : Dust Free Routing

Advantage

- More Useful Life for the Tools
- More Productivity
- Improved Health & Greater Energy Savings

Code No.	Size
Extraction Nut	ER 32

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Straight Bits - UT.SB

Use On : All CNC Routers M/C, Hand Routers, Stand Routers & Hand Trimmer Machine
Specially Made For Laminated Board, Plywood, Particle Board's & Solid Surface, Edge Finish, Cutting, Rebating & Grooving



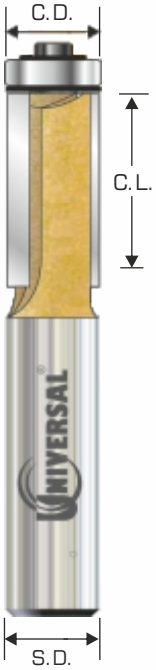
NEW ADDED

Premium Series

Order No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
UT.SB.6620	6	6	20	2
UT.SB.6820	6	8	20	2
UT.SB.8625	8	6	25	2
UT.SB.8825	8	8	25	2
UT.SB.81225	8	12	25	2
UT.SB.10625	10	6	25	2
UT.SB.10830	10	8	30	2
UT.SB.101230	10	12	30	2
UT.SB.12625	12	6	25	2
UT.SB.12830	12	8	30	2
UT.SB.121230	12	12	30	2

T.C.T. Brazed Flush Trim Bits - UT.TB

Use On : Hand Routers, Stand Routers & Hand Trimmer Machine
Specially Made For Laminated Board, Plywood, Particle Board's & Solid Surface, Edge Finish

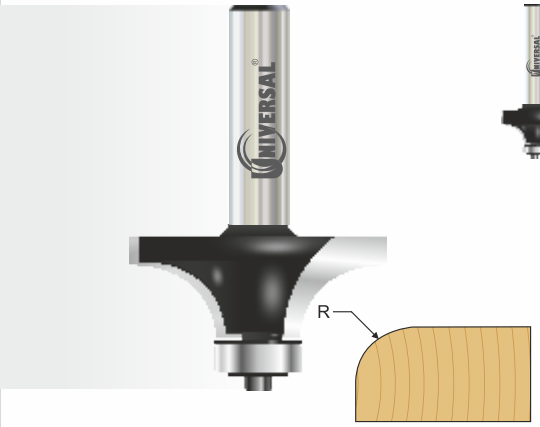


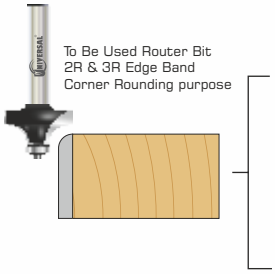
NEW ADDED

Premium Series

Order No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
UT.TB.6206	6.35	6	20	2
UT.TB.6208	6.35	8	20	2
UT.TB.9256	9.52	6	25	2
UT.TB.9258	9.52	8	25	2
UT.TB.12256	12.7	6	25	2
UT.TB.12308	12.7	8	30	2
UT.TB.123012	12.7	12	30	2

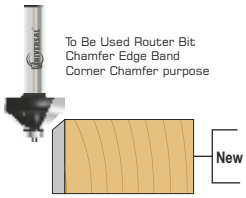
TCT Brazed Corner Radius Bits - UT.CR — Premium Quality





Bearing Size : D-1/2" x B-3/16"

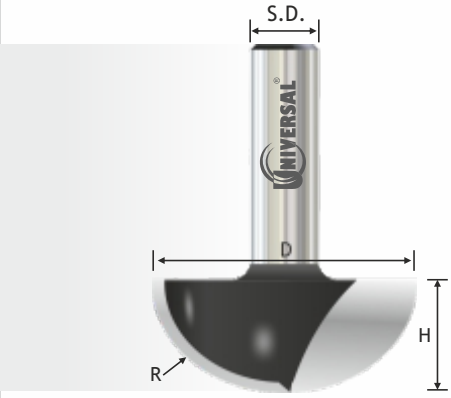
Code No.	Radius	H (mm)	C.D. (mm)	S.D. (mm)
CR2.006	2R	7	16.7	6
CR2.635	2R	7	16.7	6.35
CR2.008	2R	7	16.7	8
CR3.006	3R	8	18.7	6
CR3.635	3R	8	18.7	6.35
CR3.008	3R	8	18.7	8
CR4.006	4R	10	20.7	6
CR4.008	4R	10	20.7	8
CR6.006	6R	11	24.7	6
CR6.635	6R	11	24.7	6.35
CR6.008	6R	11	24.7	8
CR9.008	9R	14	30.7	8
CR9.012	9R	14	30.7	12
CR12.08	12R	17	36.7	8
CR12.12	12R	17	36.7	12

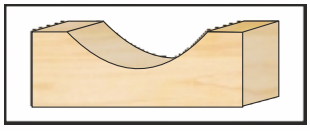


Code No.	Chamfer	Degree	C.D. (mm)	S.D. (mm)
CF.6.6.6	Max.6x6	45°	25.4	6
CF.6.6.8	Max.6x6	45°	25.4	8

CNC Router Bits For Membrane Doors — Premium Quality

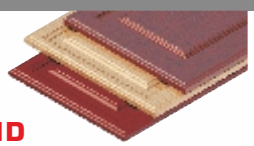
» Round Nose Bits



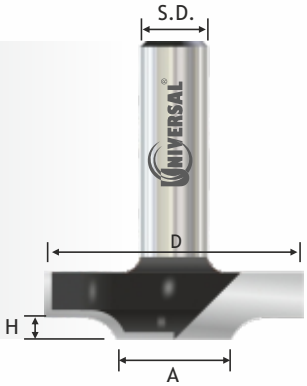


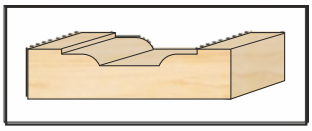
Code No.	Dia (mm)	R (mm)	Height (mm)	S.D. (mm)
MD-137	8	4	10	12
MD-138	10	5	10	12
MD-139	12	6	12	12
MD-140	15	7.5	12	12
MD-141	19	9.5	15	12
MD-141A	20	10	15	12
MD-142	25	12.5	15	12
MD-142A	28	14	17	12
MD-143	30	15	17	12
MD-143A	30	17.5	15	12
MD-144	32	16	18	12
MD-145	35	17.5	20	12
MD-145A	35	20	15	12
MD-146	40	20	22	12
MD-147	45	22.5	25	12
MD-148	50	25	28	12
MD-149	55	27.5	30	12
MD-150	60	30	33	12
MD-151	65	32.5	35	12
MD-152	70	35	38	12
MD-153	75	37.5	40	12

CNC Router Bits For Membrane Doors



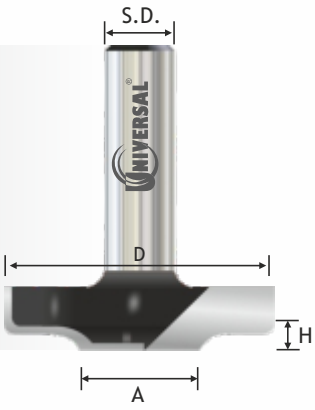
» Plung Ogee Fillet Design Bits - AMD
Premium Quality

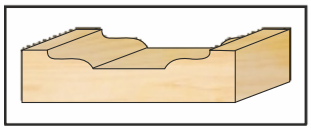




Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)
AMD-251015	25	10	1.5	12
AMD-251020	25	10	2.0	12
AMD-301415	30	14	1.5	12
AMD-301420	30	14	2.0	12
AMD-301525	30	15	2.5	12
AMD-321425	32	14	2.5	12
AMD-321430	32	14	3.0	12
AMD-351525	35	15	2.5	12
AMD-351530	35	15	3.0	12
AMD-351710	35	17	1.0	12
AMD-351715	35	17	1.5	12
AMD-351720	35	17	2.0	12
AMD-351725	35	17	2.5	12
AMD-351730	35	17	3.0	12
AMD-351735	35	17	3.5	12
AMD-351535	35	15	3.5	12
AMD-351830	35	18	3.0	12

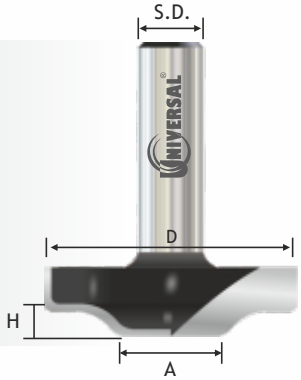
» Beading Groove Design Bits - BMD
Premium Quality

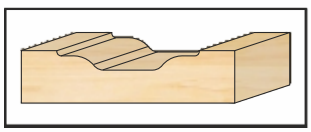




Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)
BMD-251015	25	10	1.5	12
BMD-251020	25	10	2.0	12
BMD-301525	30	15	2.5	12
BMD-321425	32	14	2.5	12
BMD-321430	32	14	3.0	12
BMD-351715	35	17	1.5	12
BMD-351720	35	17	2.0	12
BMD-351725	35	17	2.5	12
BMD-351730	35	17	3.0	12
BMD-351735	35	17	3.5	12
BMD-351535	35	15	3.5	12
BMD-351830	35	18	3.0	12

» Classical Design Bits - CMD
Premium Quality

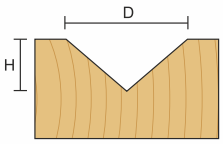




Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)
CMD-251015	25	10	1.5	12
CMD-251020	25	10	2.0	12
CMD-301525	30	15	2.5	12
CMD-321425	32	14	2.5	12
CMD-321430	32	14	3.0	12
CMD-351715	35	17	1.5	12
CMD-351720	35	17	2.0	12
CMD-351725	35	17	2.5	12
CMD-351730	35	17	3.0	12
CMD-351735	35	17	3.5	12
CMD-351535	35	15	3.5	12
CMD-351830	35	18	3.0	12

T.C.T. Brazed Pointed "V" Groove Bits — Premium Quality





Code No.	C.D. (mm)	Degree°	H (mm)	S.D. (mm)
VG.32.90.6	32	90°	16	6
VG.32.90.8	32	90°	16	8
VG.32.90.12	32	90°	16	12
VG.32.120.6	32	120°	9	6
VG.32.120.8	32	120°	9	8
VG.32.120.12	32	120°	9	12

TCT Brazed Round Nose Bits — Premium Quality

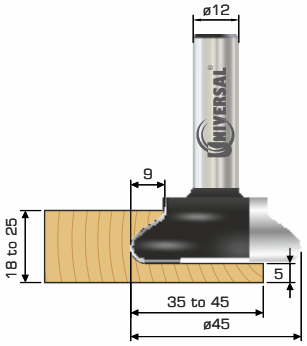
Router Bits Specially For Membrane Doors & Wave Boards





Code No.	C.D. (mm)	H (mm)	S.D. (mm)
WB-MD-139	12	2.5	12
WB-MD-140	15	2.5	12
WB-MD-141	19	2.5	12
WB-MD-142	25	2.5	12
WB-MD-143	30	2.5	12
WB-MD-144	32	2.5	12
WB-MD-145	35	2.5	12

TCT Brazed J Profile Router Bits — Premium Quality

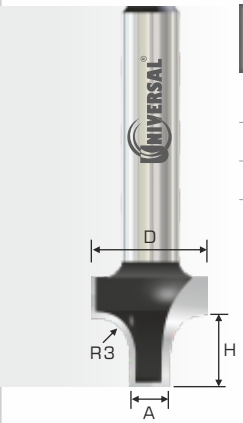




Code No.	C.D. (mm)	S.D. (mm)
UT.HLR.101	45	12
UT.HLR.101-A	45	8

TCT Brazed Radius Grill Bit

Premium Quality

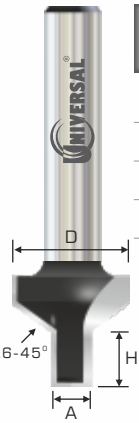


Code No.	C.D. (mm)	A (mm)	H (mm)	Z
GR-1	18	6	10	2
GR-2	18	6	12	2
GR-3	18	6	15	2

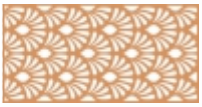


TCT Brazed Tapper Grill Bit

Premium Quality



Code No.	C.D. (mm)	A (mm)	H (mm)	Z
GT-1	18	6	8	2
GT-2	18	6	10	2
GT-3	18	6	12	2
GT-4	18	6	15	2

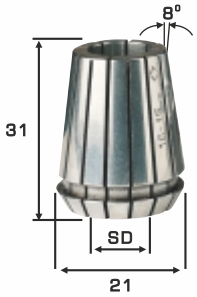


Precision Collets for CNC Router Machining Center

Technical Details : Replaceable collet standard ER20,ER25,ER32,ER40. from internal diameter 3mm to 20mm. Fits most tapered spindle noses. Wide clamping tolerance + 0.07 mm.

Use On : All CNC Router Machines.

ER20



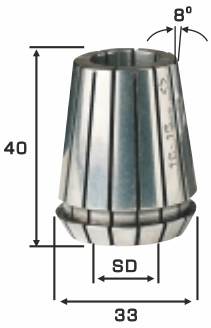
Code No.	C.D. (mm)
ER20.03	3
ER20.04	4
ER20.05	5
ER20.06	6
ER20.08	8
ER20.10	10
ER20.12	12
ER20.13	13

ER25



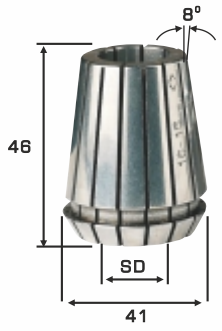
Code No.	C.D. (mm)
ER25.03	3
ER25.04	4
ER25.05	5
ER25.06	6
ER25.08	8
ER25.10	10
ER25.12	12
ER25.13	13
ER25.16	16

ER32



Code No.	C.D. (mm)
ER32.03	3
ER32.04	4
ER32.05	5
ER32.06	6
ER32.08	8
ER32.10	10
ER32.12	12
ER32.13	13
ER32.16	16
ER32.18	18

ER40



Code No.	C.D. (mm)
ER40.03	3
ER40.04	4
ER40.05	5
ER40.06	6
ER40.08	8
ER40.10	10
ER40.12	12
ER40.13	13
ER40.16	16
ER40.18	18
ER40.20	20

Spanner



» **ER.20** CODE NO.: ER20.US

» **ER.25** CODE NO.: ER25.US

» **ER.32** CODE NO.: ER32.US

» **ER.40** CODE NO.: ER40.US

Clamping Nuts For Collets



» **ER.20** CODE NO.: ER20.NUT

» **ER.25** CODE NO.: ER25.NUT

» **ER.32** CODE NO.: ER32.NUT

» **ER.40** CODE NO.: ER40.NUT

TCT Multi Boring Bits (Dowel Drills) - UMB - 70mm Length



Order No.	Dia	Oal	CL	Shank
UMB.370RH	3mm	70mm	40mm	10x30mm
UMB.370LH	3mm	70mm	40mm	10x30mm
UMB.570RH	5mm	70mm	40mm	10x30mm
UMB.570LH	5mm	70mm	40mm	10x30mm
UMB.670RH	6mm	70mm	40mm	10x30mm
UMB.670LH	6mm	70mm	40mm	10x30mm
UMB.870RH	8mm	70mm	40mm	10x30mm
UMB.870LH	8mm	70mm	40mm	10x30mm
UMB.1070RH	10mm	70mm	40mm	10x30mm
UMB.1070LH	10mm	70mm	40mm	10x30mm
UMB.1570RH	15mm	70mm	40mm	10x30mm
UMB.1570LH	15mm	70mm	40mm	10x30mm

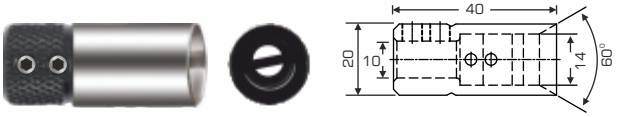
TCT Hinge Drill Bits (Boring Bits) - UHB - 70mm Length



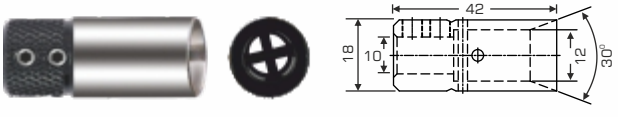
Order No.	Dia	Oal	Shank
UHB.15.70RH	15mm	70mm	10x30mm
UHB.15.70LH	15mm	70mm	10x30mm
UHB.20.70RH	20mm	70mm	10x30mm
UHB.20.70LH	20mm	70mm	10x30mm
UHB.35.70RH	35mm	70mm	10x30mm
UHB.35.70LH	35mm	70mm	10x30mm

Adaptor for Multi Boring Machines - ADP

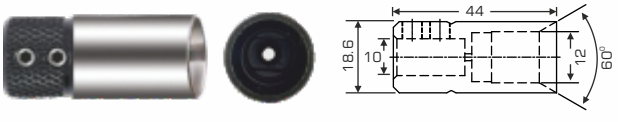
Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-101	19.4	10	14	40



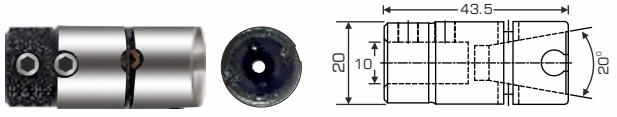
Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-102	18	10	12	42



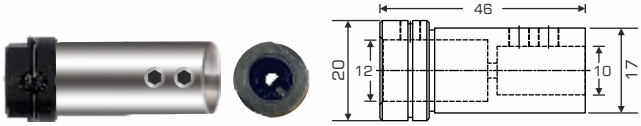
Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-103	18.6	10	12	44



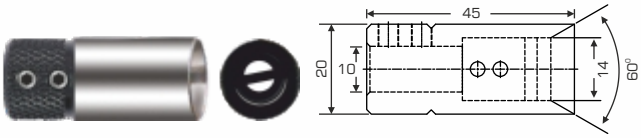
Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-104	20	10	13	43.5



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-105	17	10	12	46



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)
ADP-106	20	10	14	45



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Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

2 Flute TCT Solid Carbide Straight Bits (Steel Shank)

NEW ADDED

PREMIUM SERIES



Use On : All CNC Router Machine & Highspeed Router Machine.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AA.INS.02.6.6	2	6	6	50	2
AA.INS.02.6.8	2	8	6	50	2
AA.INS.03.8.6	3	6	8	50	2
AA.INS.03.8.8	3	8	8	50	2
AA.INS.03.15.6	3	6	15	60	2
AA.INS.03.15.8	3	8	15	60	2
AA.INS.03.10.12	3	12	10	65	2
AA.INS.04.12.6	4	6	12	55	2
AA.INS.04.12.8	4	8	12	55	2
AA.INS.04.15.8	4	8	15	65	2
AA.INS.04.20.8	4	8	20	65	2
AA.INS.04.15.12	4	12	15	70	2
AA.INS.04.20.12	4	12	20	75	2
AA.INS.05.20.12	5	12	20	75	2
AA.INS.06.15.12	6	12	15	70	2
AA.INS.06.25.12	6	12	25	80	2
AA.INS.08.15.12	8	12	15	70	2
AA.INS.08.30.12	8	12	30	85	2

3 Flute TCT Solid Carbide Straight Bits (Steel Shank)

NEW ADDED

PREMIUM SERIES



Specially Use for
NESTING
APPLICATION

RPM 18000-24000
Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min

Use On : All CNC Router Machine & Highspeed Router Machine.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AA.INS.3F.622.12	6	12	22	75	3
AA.INS.3F.628.12	6	12	28	80	3
AA.INS.3F.822.12	8	12	22	75	3
AA.INS.3F.828.12	8	12	28	80	3
AA.INS.3F.1030.12	10	12	30	85	3

3 Flute TCT Solid Carbide Straight Bits with Chipbreaker (Steel Shank)

NEW ADDED

PREMIUM SERIES



Specially Use for
NESTING
APPLICATION

RPM 18000-24000
Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min

Use On : All CNC Router Machine & Highspeed Router Machine.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AA.CB.3F.622.12	6	12	22	75	3
AA.CB.3F.628.12	6	12	28	80	3
AA.CB.3F.822.12	8	12	22	75	3
AA.CB.3F.828.12	8	12	28	80	3
AA.CB.3F.1030.12	10	12	30	85	3

Remark : Special Specification is Available as per customers order

2 Flute TCT Solid Carbide Straight Bits (Steel Shank)

EXTREMELY COST EFFECTIVE WITH HIGH PRODUCTIVITY

Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING



Use On : All CNC Router Machine & Highspeed Router Machine.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.INS.02.6.6	2	6	6	50	2
AT.INS.02.6.8	2	8	6	50	2
AT.INS.03.8.6	3	6	8	50	2
AT.INS.03.8.8	3	8	8	50	2
AT.INS.03.15.6	3	6	15	60	2
AT.INS.03.15.8	3	8	15	60	2
AT.INS.03.10.12	3	12	10	65	2
AT.INS.04.12.6	4	6	12	55	2
AT.INS.04.12.8	4	8	12	55	2
AT.INS.04.15.8	4	8	15	60	2
AT.INS.04.20.8	4	8	20	65	2
AT.INS.04.15.12	4	12	15	70	2
AT.INS.04.20.12	4	12	20	75	2
AT.INS.05.20.12	5	12	20	75	2
AT.INS.06.15.12	6	12	15	70	2
AT.INS.06.25.12	6	12	25	80	2
AT.INS.08.15.12	8	12	15	70	2
AT.INS.08.22.12	8	12	22	75	2
AT.INS.08.28.12	8	12	28	80	2

3 Flute TCT Solid Carbide Straight Bits (Steel Shank)

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING

Specially Use for
NESTING
APPLICATION

RPM 18000-24000
Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min



Use On : All CNC Router Machines.
Nesting & Highspeed Router Machine.

Technical Details:
It's Made Of High Hardness Aloy (HRA 94.5)
With Surface Coating To Increase Its Durability By 1.5X

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.INS.3F.622.12	6	12	22	75	3
AT.INS.3F.628.12	6	12	28	80	3
AT.INS.3F.822.12	8	12	22	75	3
AT.INS.3F.828.12	8	12	28	80	3
AT.INS.3F.1030.12	10	12	30	85	3

Remark : Special Specification is Available as per customers order

EXTREMELY COST EFFECTIVE WITH HIGH PRODUCTIVITY

3 Flute TCT Solid Carbide Straight Bits with Chipbreaker (Steel Shank)

Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, MDF, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING

Specially Use for NESTING APPLICATION

RPM 18000-24000
Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min



Use On : All CNC Router Machines.
Nesting & Highspeed Router Machine.

Technical Details:
It's Made Of High Hardness Aloy (HRA 94.5)
With Surface Coating To Increase Its Durability By 1.5X

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.CB.3F.622.12	6	12	22	75	3
AT.CB.3F.628.12	6	12	28	80	3
AT.CB.3F.822.12	8	12	22	75	3
AT.CB.3F.828.12	8	12	28	80	3
AT.CB.3F.1030.12	10	12	30	85	3

4 Flute TCT Solid Carbide Straight Bits with Chipbreaker (Steel Shank)

Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, MDF, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING

Specially Use for NESTING APPLICATION

RPM 18000-24000
Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min



Use On : All CNC Router Machines.
Nesting & Highspeed Router Machine.

Technical Details:
It's Made Of High Hardness Aloy (HRA 94.5)
With Surface Coating To Increase Its Durability By 1.5X

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.CB.4F.622.12	6	12	22	75	4
AT.CB.4F.628.12	6	12	28	80	4
AT.CB.4F.822.12	8	12	22	75	4
AT.CB.4F.828.12	8	12	28	80	4
AT.CB.4F.1030.12	10	12	30	85	4

Remark : Special Specification is Available as per customers order

2 Flute TCT Solid Carbide Up & Down Cut Spiral Bits (Steel Shank)

EXTREMELY COST EFFECTIVE WITH HIGH PRODUCTIVITY

Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, MDF, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING

Specially Use for NESTING APPLICATION

RPM 18000-24000

Feedrate is Recommended
6mm :12-15 Meter Per Min
8mm : 15-18 Meter Per Min



Use On : All CNC Router Machines.
Nesting & Highspeed Router Machine.

Technical Details:
It's Made Of High Hardness Aloy (HRA 94.5)
With Surface Coating To Increase Its Durability By 1.5X

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.UDSC.622.12	6	12	22	75	2
AT.UDSC.628.12	6	12	28	80	2
AT.UDSC.822.12	8	12	22	80	2
AT.UDSC.828.12	8	12	28	85	2
AT.UDSC.1030.12	10	12	30	90	2
AT.UDSC.1230.12	12	12	30	90	2

2 Flute TCT Solid Carbide Spiral Bits (Steel Shank)

Application : Design To Provide A Smoother Finished Cut Used In Specially For Particle Board, Ply Wood, MDF, Double Sided Melamine, Laminated Ply Board Panel, Softwood & Hardwood for Long Life And Quality Finish.

TiN. 1.5X LONGER LIFE COMPARTED TO UNCOATED BITS

*TiN Coating Is A Micro-thin Ceramic Coating Which Enables The Tool's Cutting Edge To Retain Crucial Sharpness And Lubricity. This Provides Longevity And Produces Cutting Results Of The Highest Quality.
*Coating Prevents High Heat And Oxidation Which Is Detrimental To Cutting Tool Performance.
*TiN Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 1.5X Compared To Uncoated Bits.

The Titanium- nitride coating

EXTREME TOOL LIFE COATING



Use On : All CNC Router Machine & Highspeed Router Machine.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SIN.02.10.6	2	6	10	60	2
AT.SIN.02.10.8	2	8	10	60	2
AT.SIN.02.10.12	2	12	10	60	2
AT.SIN.03.15.6	3	6	15	65	2
AT.SIN.03.15.8	3	8	15	65	2
AT.SIN.03.15.12	3	12	15	65	2
AT.SIN.04.20.6	4	6	20	70	2
AT.SIN.04.20.8	4	8	20	70	2
AT.SIN.04.20.12	4	12	20	75	2
AT.SIN.05.20.12	5	12	20	75	2
AT.SIN.06.22.12	6	12	22	75	2
AT.SIN.06.28.12	6	12	28	85	2
AT.SIN.08.28.12	8	12	28	85	2
AT.SIN.10.30.12	10	12	30	85	2

Remark : Special Specification is Available as per customers order

Two Flute Solid Carbide Spiral Bit (End Mill) - AT.TFS

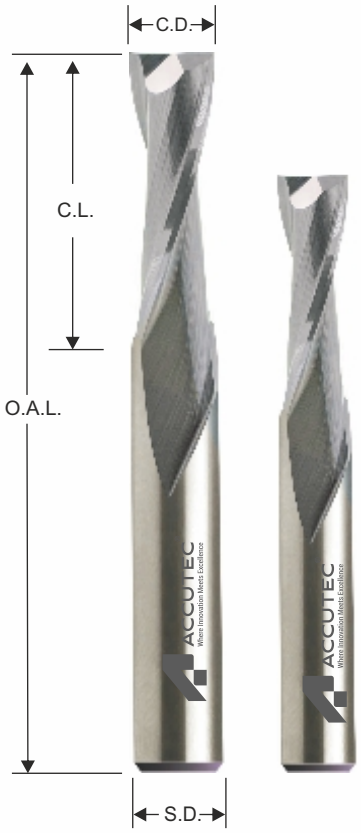
Application : Used For Ripping, Template Routing, Panel Sizing And Through & blind Cutting Application on Solid Wood, MDF, Particle Board, Melamine Board, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed on Well-clamped Work Pieces.

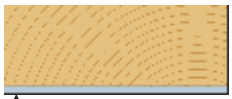
Use On : All CNC Machine & Highspeed Router Machine.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection

» Up Cut





Excellent Finish in Bottom Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.TFS.02.12	2	3	12	50	2
AT.TFS.03.15	3	3	15	50	2
AT.TFS.04.20	4	4	20	55	2
AT.TFS.05.20	5	5	20	60	2
AT.TFS.06.22	6	6	22	60	2
AT.TFS.08.30	8	8	30	65	2
AT.TFS.10.30	10	10	30	70	2
AT.TFS.12.30	12	12	30	75	2
AT.TFS.14.50	14	14	50	100	2
AT.TFS.16.50	16	16	50	100	2
AT.TFS.18.50	18	18	50	100	2
AT.TFS.20.50	20	20	50	100	2

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.TFS.03.25	3	3	25	65	2
AT.TFS.04.35	4	4	35	75	2
AT.TFS.05.35	5	5	35	75	2
AT.TFS.06.35	6	6	35	75	2
AT.TFS.06.50	6	6	50	100	2
AT.TFS.08.40	8	8	40	75	2
AT.TFS.08.50	8	8	50	100	2
AT.TFS.10.40	10	10	40	75	2
AT.TFS.10.50	10	10	50	100	2
AT.TFS.10.75	10	10	75	150	2
AT.TFS.12.40	12	12	40	75	2
AT.TFS.12.50	12	12	50	100	2
AT.TFS.12.75	12	12	75	150	2
AT.TFS.14.75	14	14	75	150	2
AT.TFS.16.75	16	16	75	150	2
AT.TFS.18.75	18	18	75	150	2
AT.TFS.20.75	20	20	75	150	2

Remark : Special Specification is Available as per customers order

Two Flute Solid Carbide Ball Nose Bit - AT.TFB

Application : The Tool Can Be Used For Carving & Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials & Laminates. Can Be Used At A High Feed Speed On well Workpiece.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the workpiece
- Upward chip ejection



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.TFB.02.08	2	3	8	50	2
AT.TFB.03.15	3	3	15	50	2
AT.TFB.04.20	4	4	20	55	2
AT.TFB.05.20	5	5	20	60	2
AT.TFB.06.20	6	6	20	60	2
AT.TFB.08.20	8	8	20	65	2
AT.TFB.10.30	10	10	30	70	2
AT.TFB.12.30	12	12	30	75	2

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.TFB.03.20	3	3	20	65	2
AT.TFB.04.25	4	4	25	75	2
AT.TFB.05.25	5	5	25	75	2
AT.TFB.06.30	6	6	30	75	2
AT.TFB.06.40	6	6	40	100	2
AT.TFB.06.50	6	6	50	150	2
AT.TFB.08.30	8	8	30	75	2
AT.TFB.08.40	8	8	40	100	2
AT.TFB.08.50	8	8	50	150	2
AT.TFB.10.50	10	10	50	100	2
AT.TFB.12.50	12	12	50	100	2

Solid Carbide Engraving Router Bit - AT.EG



Application : To Be Used On All CNC Routers For Engraving of Raw Material, Solid Wood, Melamine Board, Mdf, & Laminated Plyboard.

ORDER NO.	C.D. (mm)	S.D. (mm)	DEGREE	O.A.L. (mm)	Z
AT.EG.03.30	3	3	30°	50	1
AT.EG.04.30	4	4	30°	55	1
AT.EG.04.60	4	4	60°	55	1
AT.EG.06.30	6	6	30°	60	1
AT.EG.06.60	6	6	60°	60	1
AT.EG.08.30	8	8	30°	65	1
AT.EG.08.60	8	8	60°	65	1

Remark : Special Specification is Available as per customers order

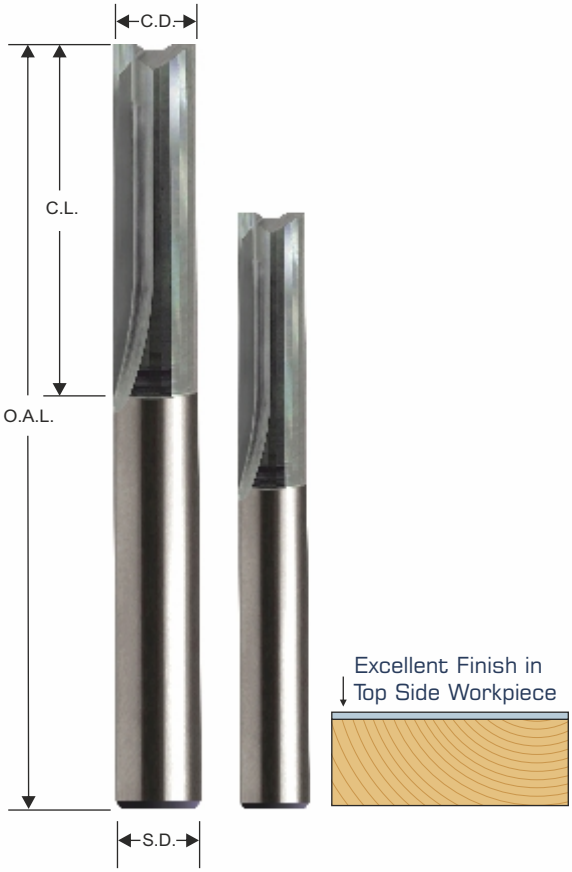
Two Flute Solid Carbide Straight Bit - AT.ST

Application : The Tool Can Be Used For Carving & Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials & Laminates. Can Be Used At A High Feed Speed On well Workpiece.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.ST.4.4.15	4	4	15	55	2
AT.ST.4.4.20	4	4	20	55	2
AT.ST.4.6.15	4	6	15	55	2
AT.ST.4.6.20	4	6	20	60	2
AT.ST.5.6.15	5	6	15	60	2
AT.ST.5.6.25	5	6	25	60	2
AT.ST.5.8.25	5	8	25	65	2
AT.ST.6.6.20	6	6	20	60	2
AT.ST.6.6.25	6	6	25	60	2
AT.ST.6.6.30	6	6	30	60	2
AT.ST.6.6.40	6	6	40	75	2
AT.ST.6.8.25	6	8	25	65	2
AT.ST.8.8.25	8	8	25	65	2
AT.ST.8.8.30	8	8	30	65	2
AT.ST.8.8.40	8	8	40	75	2
AT.ST.8.8.50	8	8	50	100	2
AT.ST.10.10.30	10	10	30	70	2
AT.ST.10.10.40	10	10	40	75	2
AT.ST.10.10.50	10	10	50	100	2
AT.ST.10.10.75	10	10	75	150	2
AT.ST.12.12.30	12	12	30	75	2
AT.ST.12.12.40	12	12	40	75	2
AT.ST.12.12.50	12	12	50	100	2
AT.ST.12.12.75	12	12	75	150	2

HSS Single Flute Spiral bit For Aluminum Cutting - AT.AL



Application : These Tools Feature Single Flute Design Allowing Both Efficient And Effective Carving On All Types of Aluminum. The Fine Result ? Higher Flexibility Than Traditional Bits, Enhanced Productivity And High Quality Finishing.

Use On : We Have Specialized In Single Flute Cutters For High Speed Routers and Copy Routers

Use In : Aluminum And Pvc Windows And Doors.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	N.C. (mm)	O.A.L. (mm)	Z
AT.AL.5.25.80	5	8	25	-	80	1
AT.AL.5.14.125	5	8	14	65	125	1
AT.AL.6.14.80	6	8	14	-	80	1
AT.AL.8.14.80	8	8	14	-	80	1
AT.AL.10.14.80	10	8	14	-	80	1



Four Flute Solid Carbide Spiral Bit - AT.FFS

Application : The Tool Can Be Used For Carving & Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials & Laminates. Can Be Used At A High Feed Speed On well Workpiece.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

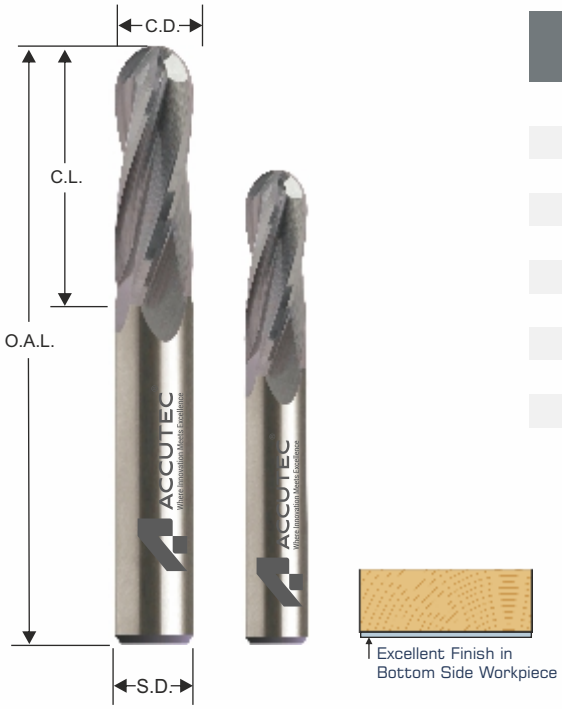
Technical Details:

- Professional quality carbide rods
- 2 Straight cutting edges (2 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.FFS.03.15	3	3	15	50	4
AT.FFS.03.20	3	3	20	50	4
AT.FFS.04.20	4	4	20	55	4
AT.FFS.04.40	4	4	40	75	4
AT.FFS.04.45	4	4	45	100	4
AT.FFS.05.20	5	5	20	60	4
AT.FFS.05.40	5	5	40	75	4
AT.FFS.05.45	5	5	45	100	4
AT.FFS.06.22	6	6	22	60	4
AT.FFS.06.40	6	6	40	75	4
AT.FFS.06.45	6	6	45	100	4
AT.FFS.08.25	8	8	25	65	4
AT.FFS.08.40	8	8	40	75	4
AT.FFS.08.50	8	8	50	100	4
AT.FFS.10.30	10	10	30	70	4
AT.FFS.10.50	10	10	50	100	4
AT.FFS.12.30	12	12	30	75	4
AT.FFS.12.50	12	12	50	100	4

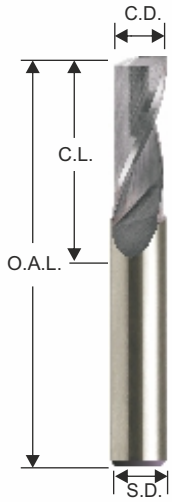
Four Flute Solid Carbide Ball Nose Bits - AT.FFB



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.FFB.03.15	3	3	15	50	4
AT.FFB.04.20	4	4	20	55	4
AT.FFB.04.25	4	4	25	75	4
AT.FFB.05.20	5	5	20	60	4
AT.FFB.05.25	5	5	25	75	4
AT.FFB.06.20	6	6	20	60	4
AT.FFB.06.30	6	6	30	75	4
AT.FFB.08.20	8	8	20	65	4
AT.FFB.08.30	8	8	30	75	4
AT.FFB.10.30	10	10	30	70	4
AT.FFB.12.30	12	12	30	75	4

Remark : Special Specification is Available as per customers order

Single Flute Solid Carbide Up Cut Spiral Bit - AT.SFS



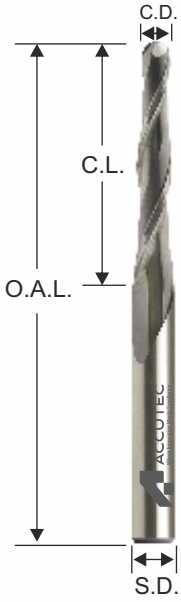
» **Up Cut**



Application : Design To Provide A Smoother Finished Cut And Rout Wood Composite Where Upward Chip Removal, Long Life And Quality Finish Are Desired.
Use In : ACP, Acrylic, Shine Board & Plastic.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SFS.02.12	2	3	12	50	1
AT.SFS.03.12	3	3	12	50	1
AT.SFS.04.15	4	4	15	55	1
AT.SFS.05.15	5	5	15	60	1
AT.SFS.06.20	6	6	20	60	1
AT.SFS.08.25	8	8	25	65	1
AT.SFS.10.30	10	10	30	70	1

Solid Carbide Taper Ball Nose Spiral Bit - AT.TBS



Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.TBS.01.25.6	1	6	25	55	2
AT.TBS.02.25.6	2	6	25	55	2
AT.TBS.03.25.6	3	6	25	55	2
AT.TBS.01.35.6	1	6	35	75	2
AT.TBS.02.35.6	2	6	35	75	2
AT.TBS.02.35.8	2	8	35	75	2
AT.TBS.03.35.6	3	6	35	75	2
AT.TBS.03.35.8	3	8	35	75	2
AT.TBS.04.35.6	4	6	35	75	2
AT.TBS.04.35.8	4	8	35	75	2

Solid Carbide Straight Taper Ball Nose Bit - AT.STB



Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.STB.01.25.6	1	6	25	55	2
AT.STB.02.25.6	2	6	25	55	2
AT.STB.03.25.6	3	6	25	55	2
AT.STB.01.35.6	1	6	35	75	2
AT.STB.02.35.6	2	6	35	75	2
AT.STB.02.35.8	2	8	35	75	2
AT.STB.03.35.6	3	6	35	75	2
AT.STB.03.35.8	3	8	35	75	2
AT.STB.04.35.6	4	6	35	75	2
AT.STB.04.35.8	4	8	35	75	2

Remark : Special Specification is Available as per customers order

Solid Carbide Single Flute Cutters for Copy Routers

Application :
These Tools Feature Single Flute Design Allowing Both Efficient And Effective Carving On All Types of Aluminum.
The Fine Result. Higher Flexibility Than Traditional Bits, Enhanced Productivity And High Quality Finishing.
Use On : We Have Specialized In Single Flute Cutters For High Speed Routers and Copy Routers
Use In : Aluminum Windows And Doors.



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SFS.3.12.6.60	3	6	12	60	1
AT.SFS.4.14.6.60	4	6	14	60	1
AT.SFS.5.14.6.60	5	6	14	60	1
AT.SFS.6.14.6.60	6	6	14	60	1

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SFS.5.14.6.80	5	6	14	80	1
AT.SFS.6.14.6.80	6	6	14	80	1

Solid Carbide Single Flute Cutters for Copy Routers

Application :
These Tools Feature Single Flute Design Allowing Both Efficient And Effective Carving On All Types of Aluminum.
The Fine Result. Higher Flexibility Than Traditional Bits, Enhanced Productivity And High Quality Finishing.
Use On : We Have Specialized In Single Flute Cutters For High Speed Routers and Copy Routers
Use In : Aluminum Windows And Doors.



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SFS.4.14.8.80	4	8	14	80	1
AT.SFS.5.14.8.80	5	8	14	80	1
AT.SFS.6.14.8.80	6	8	14	80	1
AT.SFS.8.14.8.80	8	8	14	80	1

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.SFS.10.14.10.80	10	10	14	80	1
AT.SFS.10.25.10.100	10	10	25	100	1

Remark : Special Specification is Available as per customers order

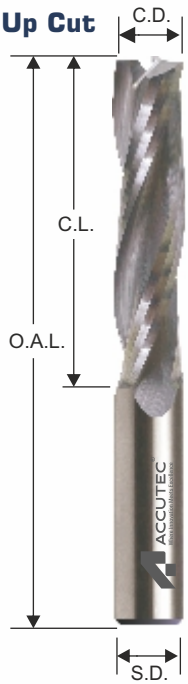
Three Flute Solid Carbide Up Cut Spiral Bits - AT.3FS.UC

Application : To Be Used For Ripping, Template Routing, Panel Sizing And Any Routing Application On Solid Wood

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:
- Professional quality carbide rods
- 3 Straight cutting edges (3 Flute)
- Provide an excellent finish on the bottom side of the workpiece
- Upward chip ejection

» **Up Cut**





Excellent Finish in Bottom Side Workpiece

PREMIUM SERIES

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.3FS.UC.08.22	8	8	22	65	3
AT.3FS.UC.08.32	8	8	32	70	3
AT.3FS.UC.10.32	10	10	32	70	3
AT.3FS.UC.10.42	10	10	42	90	3
AT.3FS.UC.10.52	10	10	52	100	3
AT.3FS.UC.12.32	12	12	32	75	3
AT.3FS.UC.12.42	12	12	42	90	3
AT.3FS.UC.12.52	12	12	52	100	3
AT.3FS.UC.14.42	14	14	42	100	3
AT.3FS.UC.14.52	14	14	52	100	3
AT.3FS.UC.16.42	16	16	42	100	3
AT.3FS.UC.16.52	16	16	52	100	3
AT.3FS.UC.16.75	16	16	75	125	3
AT.3FS.UC.18.52	18	18	52	100	3
AT.3FS.UC.18.75	18	18	75	125	3
AT.3FS.UC.20.52	20	20	52	100	3
AT.3FS.UC.20.75	20	20	75	125	3
AT.3FS.UC.20.102	20	20	102	150	3

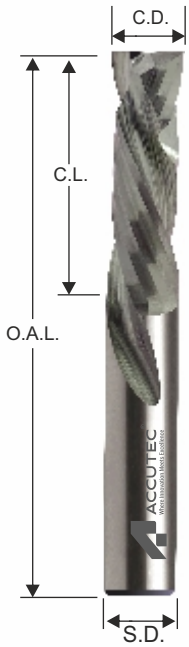
*Also Available LH Rotation Bit

Solid Carbide Up & Down Cut Spiral Bit - AT.UDS

Application : Used For Cutting, Copying, Panel Sizing & Any Routing Application On Solid Wood, Wood Composites, Plastic Materials And Laminates. Use A High Feed Speed On Well Clamped Workpieces.

Use On : CNC Routers And Hand-held Routers Equipped With Chucks Or Adaptors.

Technical Details:
- Professional Quality Carbide Rods
- 2+2 Spiral Cutting Edges (Z2+2).
- Provide An Excellent Finish On Both The Top And The Bottom Side Of The Workpiece.

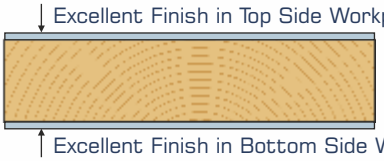


PREMIUM SERIES

Specially Use for
NESTING
APPLICATION

Tool Diameter
10,12 & 16 mm

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
AT.UDS.08.22	8	8	22	75	2+2
AT.UDS.08.32	8	8	32	75	2+2
AT.UDS.10.32	10	10	32	75	2+2
AT.UDS.10.42	10	10	42	75	2+2
AT.UDS.12.32	12	12	32	75	2+2
AT.UDS.12.42	12	12	42	75	2+2
AT.UDS.12.52	12	12	52	100	2+2
AT.UDS.16.52	16	16	52	100	2+2
AT.UDS.18.52	18	18	52	100	2+2
AT.UDS.20.52	20	20	52	100	2+2



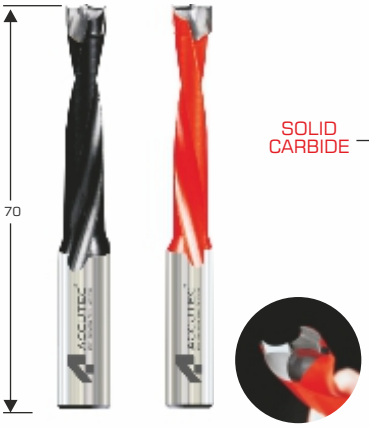
Excellent Finish in Top Side Workpiece

Excellent Finish in Bottom Side Workpiece

Remark : Special Specification is Available as per customers order

T.C.T. Multi Boring Bits - ATB.EMB - 70mm Length

Application : Drill Blind Holes On Laminated Material, Solid Wood And Plastic.
Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck



STANDARD SERIES

ORDER NO. Right Hand Rotation	ORDER NO. Left Hand Rotation	DIA. (mm)	OAL (mm)	CL (mm)	SHANK (mm)
ATB.EMB.370R	ATB.EMB.370L	3	70	35	10x30
ATB.EMB.470R	ATB.EMB.470L	4	70	35	10x30
ATB.EMB.570R	ATB.EMB.570L	5	70	35	10x30
ATB.EMB.670R	ATB.EMB.670L	6	70	35	10x30
ATB.EMB.870R	ATB.EMB.870L	8	70	35	10x30
ATB.EMB.1070R	ATB.EMB.1070L	10	70	35	10x30
ATB.EMB.1270R	ATB.EMB.1270L	12	70	35	10x30
ATB.EMB.1570R	ATB.EMB.1570L	15	70	35	10x30

SOLID CARBIDE

T.C.T. Through Hole Bits (Dowel Drills) - ATB.ETH - 70mm Length



Application : Drill Through Holes On Laminated Material, Solid Wood And Plastic.
Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck

STANDARD SERIES

ORDER NO. Right Hand Rotation	ORDER NO. Left Hand Rotation	DIA. (mm)	OAL (mm)	CL (mm)	SHANK (mm)
ATB.ETH.370R	ATB.ETH.370L	3	70	35	10x30
ATB.ETH.470R	ATB.ETH.470L	4	70	35	10x30
ATB.ETH.570R	ATB.ETH.570L	5	70	35	10x30
ATB.ETH.670R	ATB.ETH.670L	6	70	35	10x30
ATB.ETH.870R	ATB.ETH.870L	8	70	35	10x30
ATB.ETH.1070R	ATB.ETH.1070L	10	70	35	10x30
ATB.ETH.1270R	ATB.ETH.1270L	12	70	35	10x30

SOLID CARBIDE

T.C.T. Hinge Drill Bits - ATB.EHB - 70mm Length

Application : Drill Blind Holes On Laminated Material, Solid Wood And Plastic.
Use On : Multi Boring & CNC Boring Machine With Adaptor Or Chuck



STANDARD SERIES

ORDER NO. Right Hand Rotation	ORDER NO. Left Hand Rotation	DIA. (mm)	OAL (mm)	SHANK (mm)
ATB.EHB.15.70R	ATB.EHB.15.70L	15	70	10x26
ATB.EHB.20.70R	ATB.EHB.20.70L	20	70	10x26
ATB.EHB.35.70R	ATB.EHB.35.70L	35	70	10x26

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Straight Bits - AT.SB

Use On : All CNC Routers M/C, Hand Routers, Stand Routers & Hand Trimmer Machine
Specially Made For Laminated Board, Plywood, Particle Board's & Solid Surface, Edge Finish, Cutting, Rebating & Grooving

Premium Series



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
AT.SB.5620	5	6	20	2
AT.SB.5820	5	8	20	2
AT.SB.6620	6	6	20	2
AT.SB.6820	6	8	20	2
AT.SB.61215	6	12	15	2
AT.SB.61220	6	12	20	2
AT.SB.7825	7	8	25	2
AT.SB.71225	7	12	25	2
AT.SB.8625	8	6	25	2
AT.SB.8825	8	8	25	2
AT.SB.8630	8	6	30	2
AT.SB.8830	8	8	30	2
AT.SB.81215	8	12	15	2
AT.SB.81225	8	12	25	2
AT.SB.81230	8	12	30	2
AT.SB.81235	8	12	35	2
AT.SB.91220	9	12	20	2
AT.SB.91230	9	12	30	2
AT.SB.10625	10	6	25	2
AT.SB.10830	10	8	30	2
AT.SB.101220	10	12	20	2
AT.SB.101230	10	12	30	2
AT.SB.101238	10	12	38	2
AT.SB.101250	10	12	50	2
AT.SB.11830	11	8	30	2
AT.SB.111230	11	12	30	2
AT.SB.12625	12	6	25	2
AT.SB.12830	12	8	30	2
AT.SB.121220	12	12	20	2
AT.SB.121230	12	12	30	2
AT.SB.121238	12	12	38	2
AT.SB.121250	12	12	50	2
AT.SB.121265	12	12	65	2
AT.SB.121275	12	12	75	2
AT.SB.151230	15	12	30	2
AT.SB.161230	16	12	30	2
AT.SB.181230	18	12	30	2
AT.SB.191230	19	12	30	2
AT.SB.201230	20	12	30	2
AT.SB.221230	22	12	30	2
AT.SB.251230	25	12	30	2
AT.SB.301230	30	12	30	2



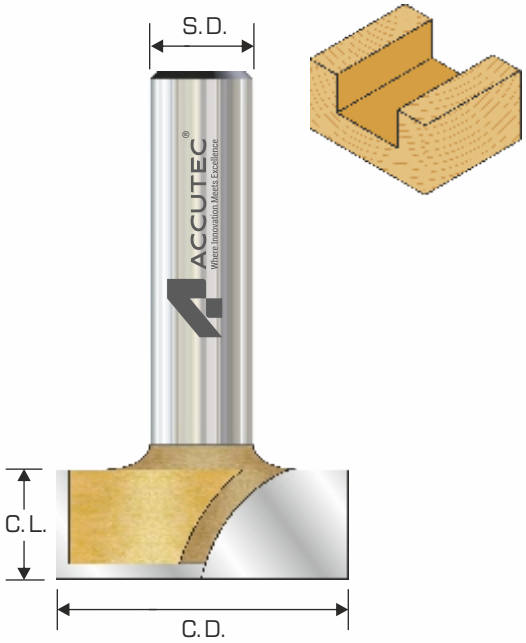
Pattern Bits With Shank Mounted Bearing

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
AT.PB.12620	12	6	20	2
AT.PB.12625	12	6	25	2
AT.PB.16625	16	6	25	2
AT.PB.19625	19	6	25	2
AT.PB.16825	16	8	25	2
AT.PB.16840	16	8	40	2
AT.PB.19825	19	8	25	2
AT.PB.22825	22	8	25	2

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Straight Bits - AT.SB (Cleaning Bottom Bits)

Use On : All CNC Routers M/C, Hand Routers, Stand Routers & Hand Trimmer Machine
Specially Made For Laminated Board, Plywood, Particle Board's & Solid Surface, Edge Finish, Cutting, Rebating & Grooving

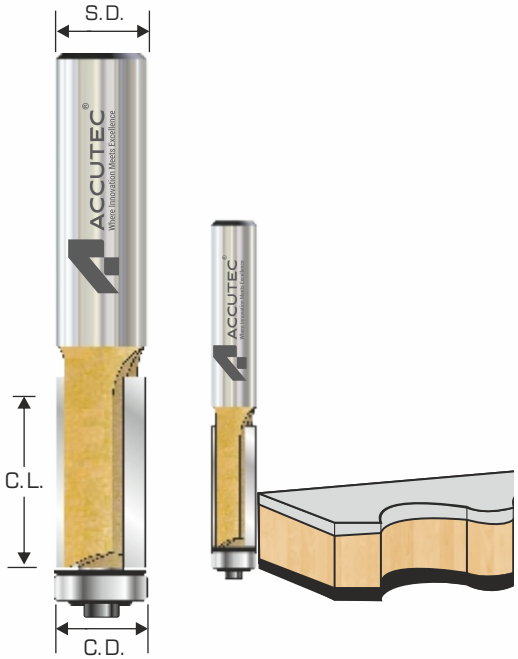


Premium Series

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
AT.SB.101212	10	12	12	2
AT.SB.121212	12	12	12	2
AT.SB.151215	15	12	15	2
AT.SB.161215	16	12	15	2
AT.SB.181215	18	12	15	2
AT.SB.191215	19	12	15	2
AT.SB.201215	20	12	15	2
AT.SB.221215	22	12	15	2
AT.SB.251215	25	12	15	2
AT.SB.281215	28	12	15	2
AT.SB.301215	30	12	15	2
AT.SB.321215	32	12	15	2
AT.SB.351215	35	12	15	2
AT.SB.381215	38	12	15	2
AT.SB.401215	40	12	15	2
AT.SB.421215	42	12	15	2
AT.SB.451215	45	12	15	2
AT.SB.501215	50	12	15	2

T.C.T. Brazed Flush Trim Bits - AT.TB

Use On : Hand Routers, Stand Routers & Hand Trimmer Machine
Specially Made For Laminated Board, Plywood, Particle Board's & Solid Surface, Edge Finish, Cutting, Rebating & Grooving



Premium Series

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
AT.TB.6206	6.35	6	20	2
AT.TB.6208	6.35	8	20	2
AT.TB.62012	6.35	12	20	2
AT.TB.9256	9.52	6	25	2
AT.TB.9258	9.52	8	25	2
AT.TB.93012	9.52	12	30	2
AT.TB.95012	9.52	12	50	2
AT.TB.12256	12.7	6	25	2
AT.TB.12308	12.7	8	30	2
AT.TB.123012	12.7	12	30	2
AT.TB.123812	12.7	12	38	2
AT.TB.125012	12.7	12	50	2
AT.TB.126512	12.7	12	65	2
AT.TB.127512	12.7	12	75	2

Remark : Special Specification is Available as per customers order

T.C.T. Saw Blade for Panel Saw Machine - AT.SB.

Main Saw Blade



Application : For Optimal Quality Rip And Crosscuts High Feed Rate And Long Tool Life With Scoring Saw Blade, In Detail Melamine-coated Panels, With Good Finishing And Long Cutting Life.

Machines : Circular Saws, Horizontal Panel Saw Machines.

Features : Flat-Triple Chip Tooth With Positive Cutting Angle.

Material : Laminated Panels, Chip Board, M.D.F. & Ply





STANDARD SERIES

ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.SB.1080T-IC	250	3.2	30	80	TC pos.	
AT.SB.1296T-IC	300	3.2	30	96	TC pos.	
AT.SB.14108T-IC	350	3.5	30	108	TC pos.	
AT.SB.1296A-IC	300	3.2	30	96	ATB	
AT.SB.14108A-IC	350	3.5	30	108	ATB	

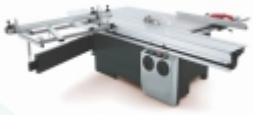
PREMIUM SERIES

ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.SB.1272T-I	300	3.2	30	72	TC pos.	
AT.SB.1296T-I	300	3.2	30	96	TC pos.	
AT.SB.1048A-I	250	3.2	30	48	ATB	
AT.SB.1248A-I	300	3.2	30	48	ATB	
AT.SB.1272A-I	300	3.2	30	72	ATB	
AT.SB.1454A-I	350	3.5	30	54	ATB	
AT.SB.1472A-I	350	3.5	30	72	ATB	

T.C.T. Adjustable Scoring Saw Blade For Panel Saw Machine - AT.SC.

Scoring Saw Blade





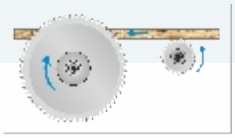
Application : For Chip-Free Scoring on Laminated Panels.

Machines : Horizontal Panel Sizing Machines Equipped With Scoring Unit.

Features : ATB Tooth 5° With Positive Cutting Angle

Material : Single or Double-Sided, Laminated Panels.



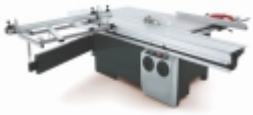


ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.SC.08020	80	2.8-3.6	20	10+10	FZ	
AT.SC.10020	100	2.8-3.6	20	12+12	FZ	
AT.SC.12020	120	2.8-3.6	20	12+12	FZ	
AT.SC.12022	120	2.8-3.6	22	12+12	FZ	

T.C.T. Conical Scoring Saw Blade For Panel Saw Machine - AT.CC.

Scoring Saw Blade



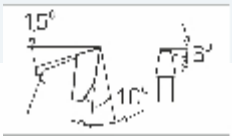


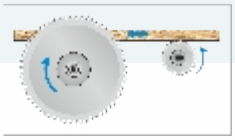
Application : For Chip-Free Scoring on Laminated Panels.

Machines : Horizontal Panel Sizing Machines Equipped With Scoring Unit.

Features : ATB Tooth 5° With Positive Cutting Angle

Material : Single or Double-Sided, Laminated Panels.

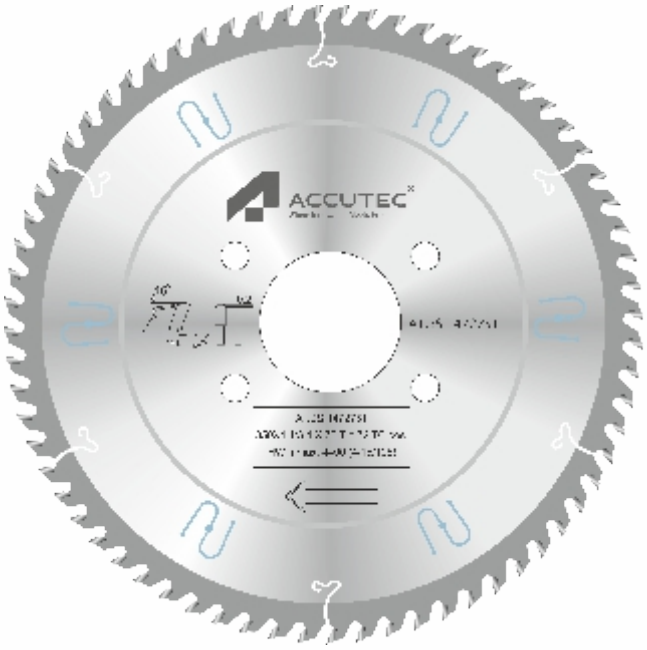




ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.CC.12020	120	2.8-4.0	20	24	CON. / WZ	
AT.CC.12022	120	2.8-4.0	22	24	CON. / WZ	

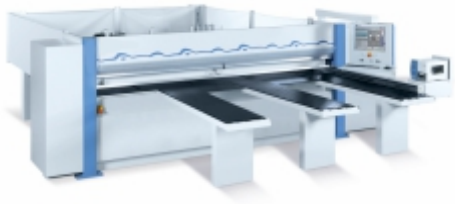
T.C.T. Saw Blade for Beam Saw Machine - AT.BS.

Main Saw Blade



Application : To Size Single Or Multiple Panels For Optimal Quality Cutting High Feed Rate And Long Tool Life With Scoring Saw Blade, In Detail Melamine-Coated Panels, With Good Finishing And Long Cutting Life.
Machines : Beam Saw Machines.
Features : Triple Chip Tooth With Positive Cutting Angle
Material : Chip Board, MDF & Laminated Board, Melamine or WPC Board.





ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	PIN HOLE	TOOTH SHAPE
USE IN : HOMAG (Beam Saw Machine)							
AT.BS.127230T-I	300	4.4	30	72	FZ./TR.	2/10/60	
USE IN : HOMAG / JAI (Beam Saw Machine)							
AT.BS.127260T-I	300	4.4	60	72	FZ./TR.	2/14/100	
USE IN : BIESSE (Beam Saw Machine)							
AT.BS.137265T-I	320	4.4	65	72	FZ./TR.	2/9/110	
USE IN : HOMAG (Beam Saw Machine)							
AT.BS.147230T-I	350	4.4	30	72	FZ./TR.	2/10/60	
USE IN : BIESSE (Beam Saw Machine)							
AT.BS.147265T-I	350	4.4	65	72	FZ./TR.	2/9/110	
USE IN : HOMAG / KDT (Beam Saw Machine)							
AT.BS.147275T-I	350	4.4	75	72	FZ./TR.	4/15/105 & 2/7/110	
USE IN : HOMAG / JAI (Beam Saw Machine)							
AT.BS.157260T-I	380	4.4	60	72	FZ./TR.	2/14/100	
USE IN : HOMAG / KDT / JAI (Beam Saw Machine)							
AT.BS.167275T-I	400	4.4	75	72	FZ./TR.	4/15/105 & 2/7/110	
USE IN : NANXING (Beam Saw Machine)							
AT.BS.187260T-I	450	4.4	60	72	FZ./TR.	2/14/100	
USE IN : KDT (Beam Saw Machine)							
AT.BS.187275T-I	450	4.4	75	72	FZ./TR.	2/7/110	

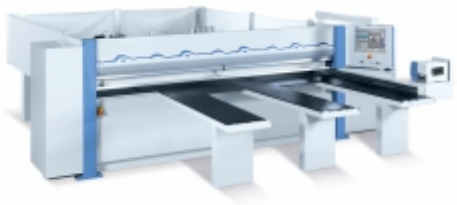
T.C.T. Conical Scoring Saw Blade for Beam Saw Machine - AT.SC.

Scoring Saw Blade



Application : For Chip-free Scoring On Plastic - Laminated Panels.
Machines : Horizontal Sizing Machines Equipped With Scoring Unit For Vertical Adjustment.
Features : ATB Tooth 6° With Positive Cutting Angle.
Material : Single or Double-Sided, Laminated Panels.





ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	PIN HOLE	TOOTH SHAPE
USE IN : HOMAG (Beam Saw Machine)							
AT.SC.15030-I	150	4.3-5.5	30	36	CON./ WZ	-	
USE IN : HOMAG / JAI (Beam Saw Machine)							
AT.SC.15045-I	150	4.3-5.5	45	36	CON./ WZ	-	
USE IN : HOMAG / JAI (Beam Saw Machine)							
AT.SC.16030-I	160	4.3-5.5	30	36	CON./ WZ	-	
USE IN : HOMAG / JAI (Beam Saw Machine)							
AT.SC.16045-I	160	4.3-5.5	45	36	CON./ WZ	-	
USE IN : JAI (Beam Saw Machine)							
AT.SC.18030-I	180	4.3-5.5	30	36	CON./ WZ	-	
USE IN : HOMAG (Beam Saw Machine)							
AT.SC.18045-I	180	4.3-5.5	45	36	CON./ WZ	-	
USE IN : HOMAG (Beam Saw Machine)							
AT.SC.20045-I	200	4.3-5.5	45	36	CON./ WZ	-	
USE IN : KDT (Beam Saw Machine)							
AT.SC.20050-I	200	4.3-5.5	50	36	CON./ WZ	2/7/80	
USE IN : BIESSE (Beam Saw Machine)							
AT.SC.20065-I	200	4.3-5.5	65	36	CON./ WZ	**2/9/100 & 2/9/110**	

Remark : Special Specification is Available as per customers order

T.C.T. Saw Blade Thick Kerf for Ripping and Cross-Cutting - AT.SB.



Application : For Rip Cuts Where the Special Steel
Plate Prevents Vibrations During Work
Machines : Circular Saw, Rip Saw & Table Saw Machine
Features : ATB Tooth 15° With Positive Cutting Angle.
Material : Soft And Hard Solid Wood, Unprocessed Chip Board & Ply Wood.



ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.SB.074025	185	2.5	25.4	40	ATB	
AT.SB.084825	200	2.5	25.4	48	ATB	
AT.SB.104832	250	3.2	25.4	48	ATB	
AT.SB.124832	300	3.2	25.4	48	ATB	
AT.SB.124832.30	300	3.2	30.0	48	ATB	
AT.SB.124850	300	3.2	50.8	48	ATB	
AT.SB.124863	300	3.2	63.5	48	ATB	
AT.SB.127232	300	3.2	25.4	72	ATB	
AT.SB.127232.30	300	3.2	30.0	72	ATB	
AT.SB.145635	350	3.5	25.4	56	ATB	
AT.SB.145635.30	350	3.5	30.0	56	ATB	
AT.SB.147235	350	3.5	25.4	72	ATB	
AT.SB.147235.30	350	3.5	30.0	72	ATB	
AT.SB.169635	400	3.5	25.4	96	ATB	
AT.SB.1610835	400	3.5	25.4	108	ATB	
AT.SB.1612035	400	3.5	25.4	120	ATB	
AT.SB.1810840	450	4.0	25.4	108	ATB	

T.C.T. Saw Blade Thin Kerf for Ripping Saw - AT.SB.

ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE
AT.SB.084815	200	1.5	25.4	48	ATB	
AT.SB.084817	200	1.7	25.4	48	ATB	
AT.SB.104817	250	1.7	25.4	48	ATB	
AT.SB.104820	250	2.0	25.4	48	ATB	
AT.SB.104825	250	2.5	25.4	48	ATB	
AT.SB.104828	250	2.8	25.4	48	ATB	
AT.SB.124825	300	2.5	25.4	48	ATB	
AT.SB.124828	300	2.8	25.4	48	ATB	

Remark : Special Specification is Available as per customers order

T.C.T. Saw Thick-Kerf Multi-Rip Saw Blades with Rakers - AT.RK.

Raker Saw Blade



Application : Saw blade Suitable For Ripping, Mounted On The Sides Of Gang Rip Saws, These Act As Shoulders Saw Blades And Help Ensure Stability And Reduce Vibrations Under Extreme Work Load & Fine Finished.

Machines : Multi-rip Saw Machines With One Or Two Shafts.

Features : ATB Tooth 100 With Positive Cutting Angle.

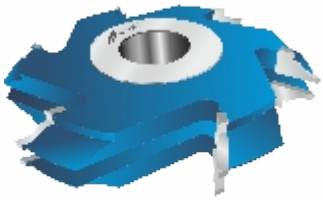
Material : Thick Wet or Dry Soft wood & Hardwood.



ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	KEY WAY	TOOTH SHAPE
AT.RK.102030	250	3.2	30	20+2+2	2KW 10X4	
AT.RK.102060	250	3.2	60	20+2+2	4KW 21X5	
AT.RK.102070	250	3.2	70	20+2+2	4KW 21X5	
AT.RK.102080	250	3.2	80	20+2+2	2KW 13X5+2KW21X5	
AT.RK.122430	300	3.2	30	24+2+2	2KW 10X4	
AT.RK.122460	300	3.2	60	24+2+2	4KW 21X5	
AT.RK.122470	300	3.2	70	24+2+2	4KW 21X5	
AT.RK.122480	300	3.2	80	24+2+2	2KW 13X5+2KW21X5	
AT.RK.142830	350	3.5	30	28+2+4	2KW 10X4	
AT.RK.142860	350	3.5	60	28+2+4	4KW 21X5	
AT.RK.142870	350	3.5	70	28+2+4	4KW 21X5	
AT.RK.142880	350	3.5	80	28+2+4	2KW 13X5+2KW21X5	
AT.RK.162830	400	4.0	30	28+2+4	----------	
AT.RK.162870	400	4.0	70	28+2+4	4KW 21X5	
AT.RK.162880	400	4.0	80	28+2+4	2KW 13X5+2KW21X5	
AT.RK.1432254	350	5.0	25.4	32+4	----------	

Remark : Special Specification is Available as per customers order

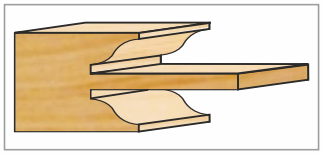
T.C.T. Brazed Cutter Head set for Door - ATB.DT.19 (Long Tenon)



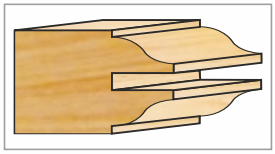
Also Available in PCD



(Long Tenon)







Also Available in PCD

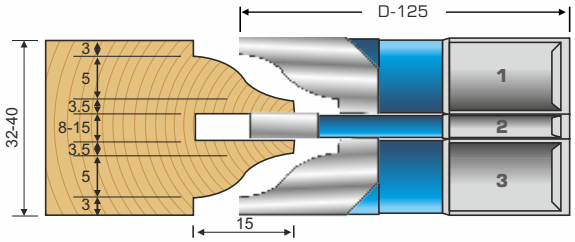


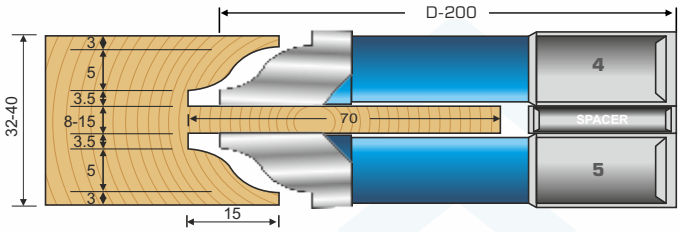
Application : Perfect For Solid Wood & Panel Materials From Min : 32mm To Max:40mm

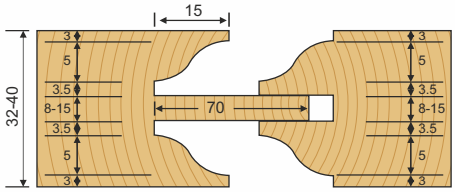
Use On : Spindle Moulder Machines

Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 4/6 Wing Cutters For Ultimate Balance & Performance.

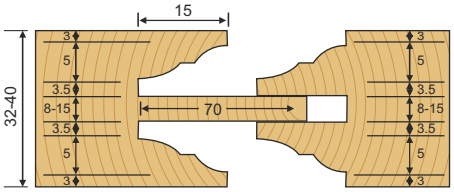
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.DT.19.1057	125/200	30/35	32-40	4/6
ATB.DT.19.1058	125/200	30/35	32-40	4/6
ATB.DT.19.1059	125/200	30/35	32-40	4/6
ATB.DT.19.1060	125/200	30/35	32-40	4/6
ATB.DT.19.1061	125/200	30/35	32-40	4/6
ATB.DT.19.1062	125/200	30/35	32-40	4/6



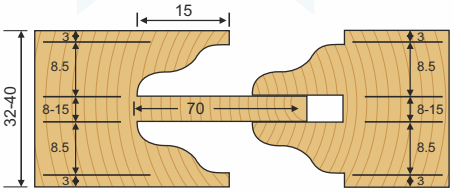




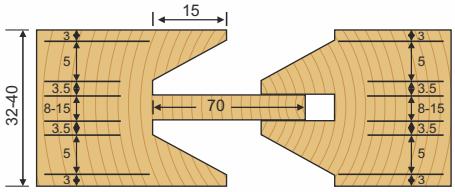
ATB.DT.19.1057



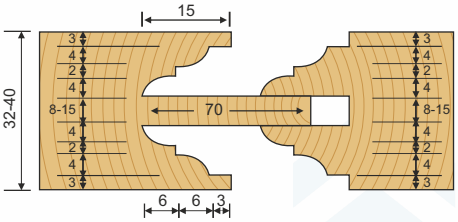
ATB.DT.19.1058



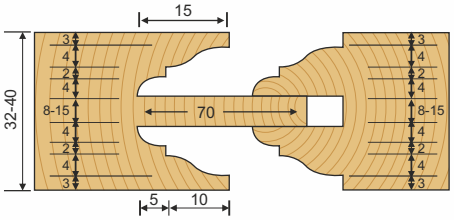
ATB.DT.19.1059



ATB.DT.19.1060



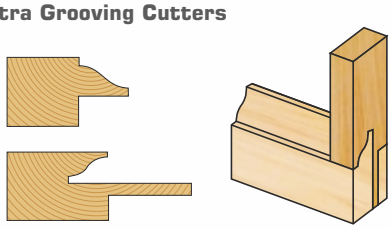
ATB.DT.19.1061



ATB.DT.19.1062

For Making Window Frame

To Make Windows Frame use 2 Pcs. Extra Grooving Cutters



Order No.: ATB.WT.GC.102



Size : D-125xB-30xT-25xZ-4

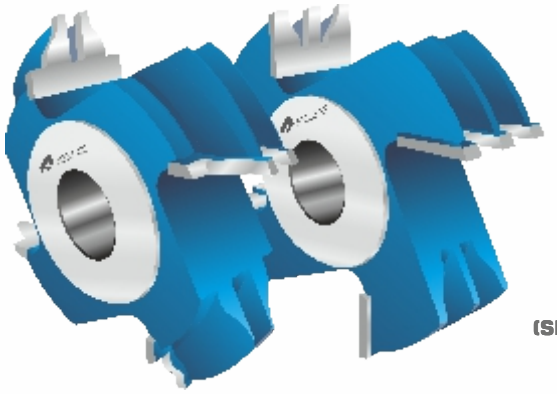
Order No.: ATB.WT.GC.104



Size : D-170xB-30xT-20xZ-6

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Fix Type Cutter Head Set for Door - ATB.DTF.22 (Short Tenon)

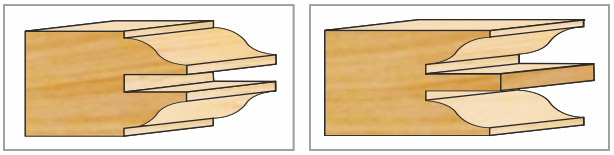


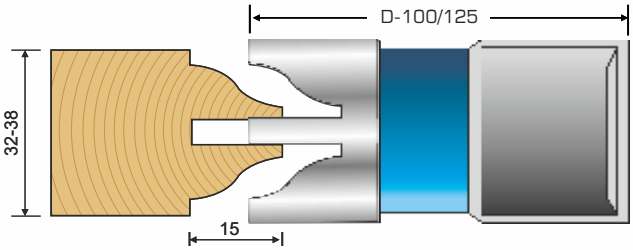
Application : Perfect For Solid Wood & Panel Materials From Min : 32mm To Max :38mm

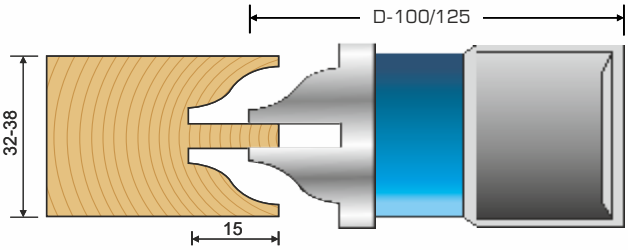
Use On : Spindle Moulder Machines

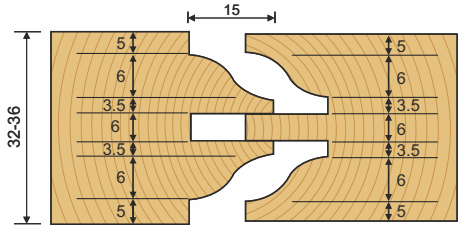
Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 4 Wing Cutters For Ultimate

(Short Tenon)

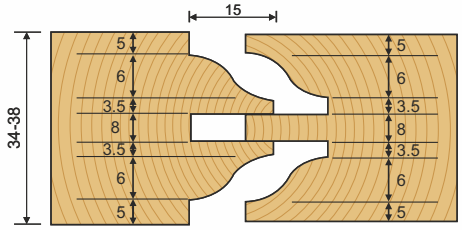




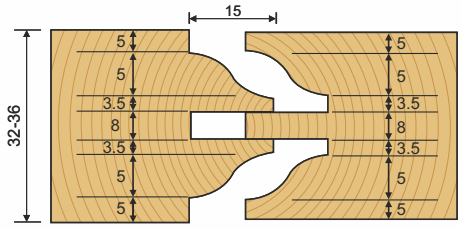




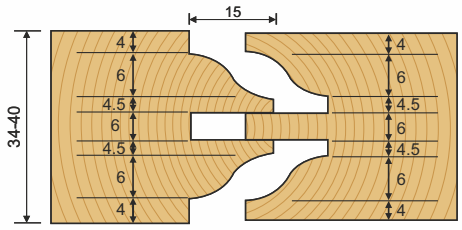
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.DTF.22.1090	100	30/35	32-36	4
ATB.DTF.22.1093	125	30/35	32-36	4



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.DTF.22.1091	100	30/35	34-38	4
ATB.DTF.22.1094	125	30/35	34-38	4



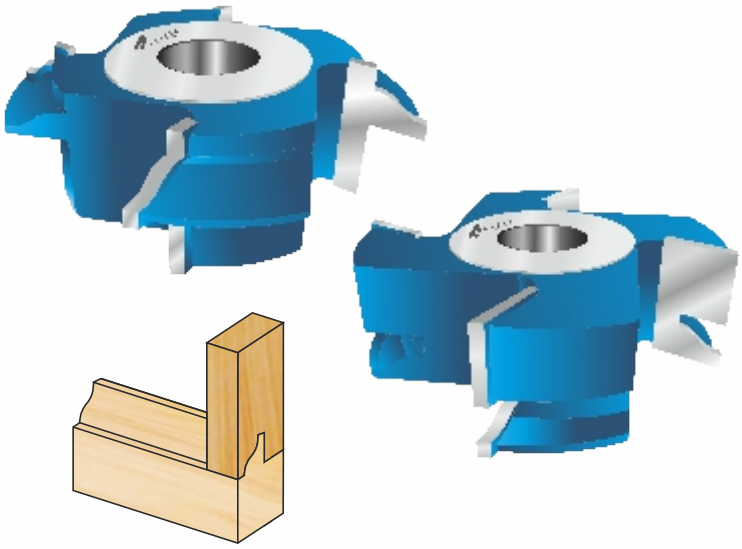
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.DTF.22.1092	100	30/35	32-36	4
ATB.DTF.22.1095	125	30/35	32-36	4



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.DTF.22.1096	100	30/35	34-40	4
ATB.DTF.22.1097	125	30/35	34-40	4

Remark : Special Specification is Available as per customers order

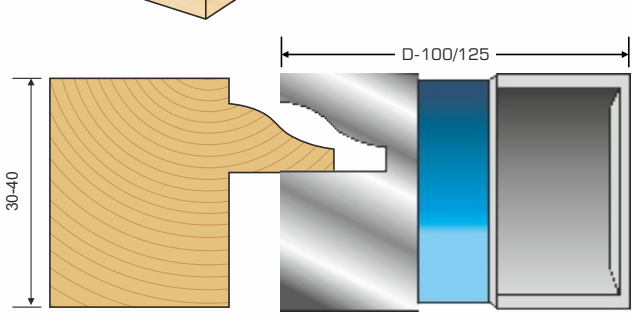
T.C.T. Brazed Fix Type Cutter Head Set for Window - ATB.WTF.17 (Short Tenon)

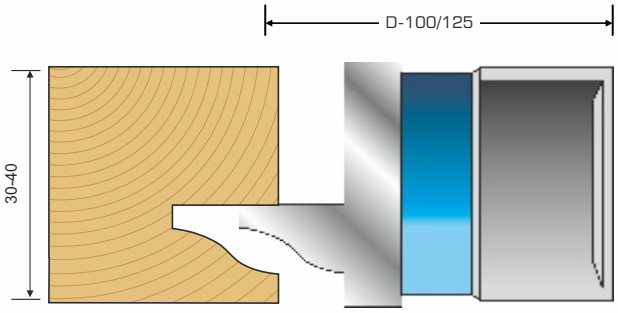


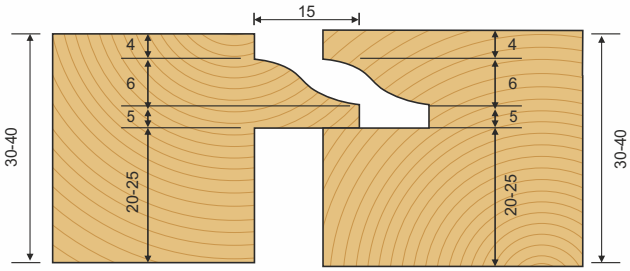
Application : Perfect For Solid Wood & Panel Materials From Min : 30mm To Max : 40mm

Use On : Spindle Moulder Machines

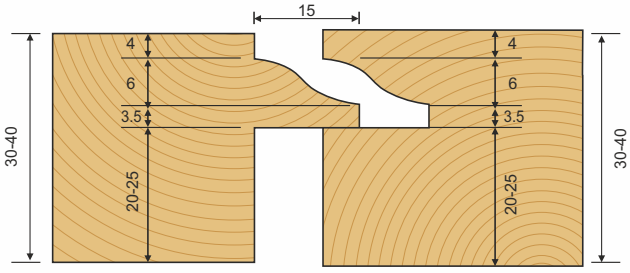
Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 4 Wing Cutters For Ultimate Balance & Performance.



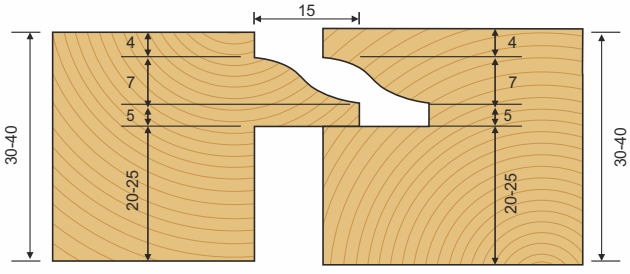




ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.WTF.17.1085	100	30/35	30-40	4
ATB.WTF.17.1086	125	30/35	30-40	4



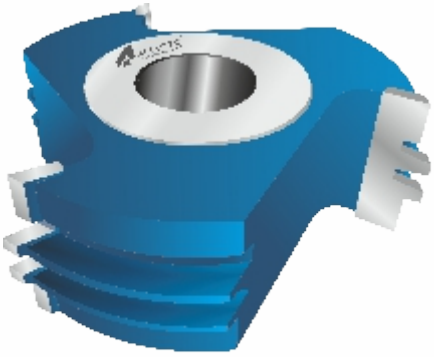
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.WTF.17.1087	100	30/35	30-40	4
ATB.WTF.17.1088	125	30/35	30-40	4

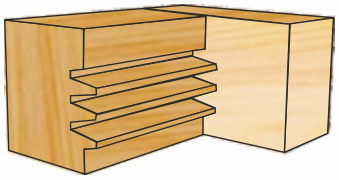


ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.WTF.17.1089	100	30/35	30-40	4
ATB.WTF.17.1090	125	30/35	30-40	4

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Glue Joint Cutter Head - ATB.GJ.24



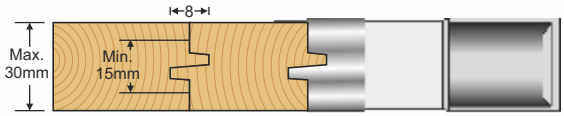


Application : Perfect For Solid Wood & Panel Materials.

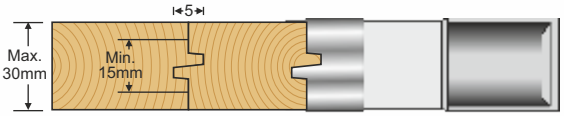
Use On : Spindle Moulder Machines & Four Side Moulder Machine

Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 3 Wing Cutters For Ultimate Balance & Performance.

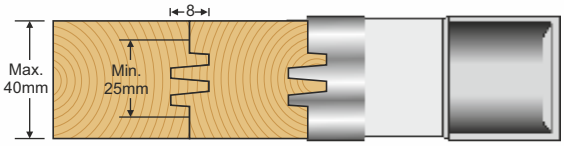
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.GJ.24.1530.8	125	30/35	15-30	3
ATB.GJ.24.2540.8	125	30/35	25-40	3
ATB.GJ.24.3550.8	125	30/35	35-50	3
ATB.GJ.24.4560.8	125	30/35	45-60	3
ATB.GJ.24.6075.8	125	30/35	60-75	3
ATB.GJ.24.1530.5	125	30/35	15-30	3
ATB.GJ.24.2540.5	125	30/35	25-40	3
ATB.GJ.24.3550.5	125	30/35	35-50	3
ATB.GJ.24.4560.5	125	30/35	45-60	3
ATB.GJ.24.6075.5	125	30/35	60-75	3



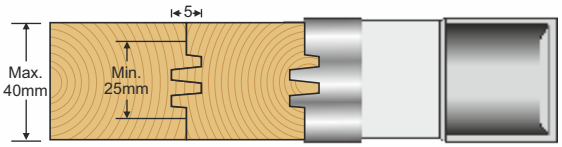
ATB.GJ.24.1530.8



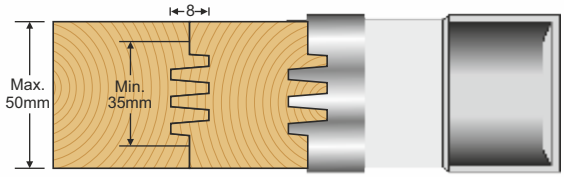
ATB.GJ.24.1530.5



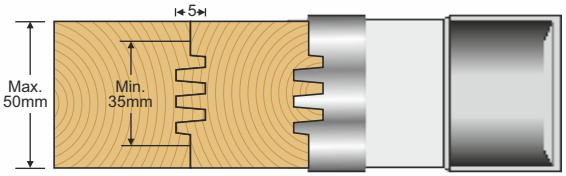
ATB.GJ.24.2540.8



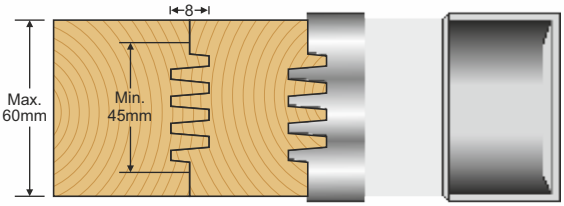
ATB.GJ.24.2540.5



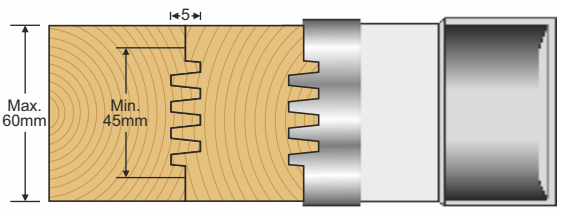
ATB.GJ.24.3550.8



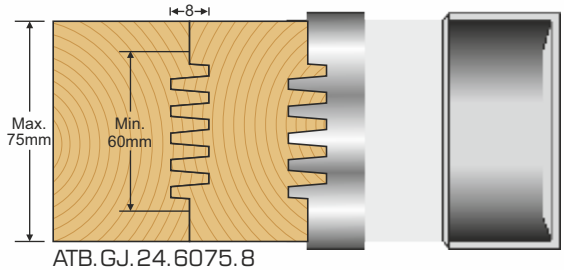
ATB.GJ.24.3550.5



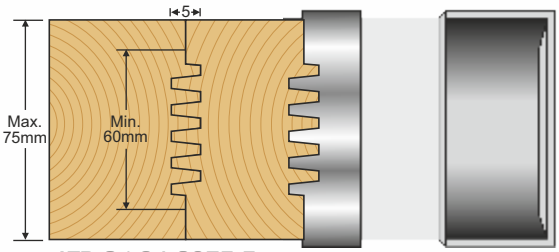
ATB.GJ.24.4560.8



ATB.GJ.24.4560.5



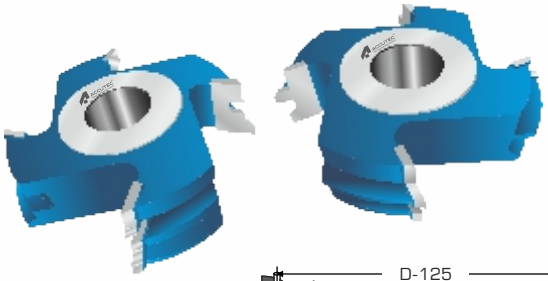
ATB.GJ.24.6075.8



ATB.GJ.24.6075.5

Remark : Special Specification is Available as per customers order

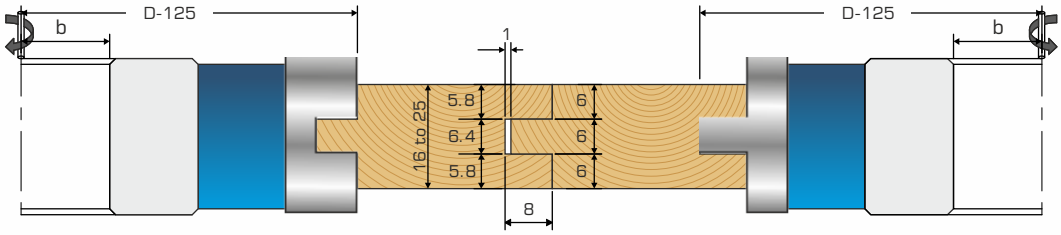
T.C.T. Brazed Cutter Head set for Tongue & Groove - ATB.TG.22



Application : Perfect For Solid Wood & Panel Materials From Min : 18mm To Max : 25mm.

Use On : Spindle Moulder & Four-side Moulder.

Technical Details :
High Quality carbide tip for long life & many Re-sharpenings, Precision Ground, 3 & 4 wing cutters for ultimate balance & performance.

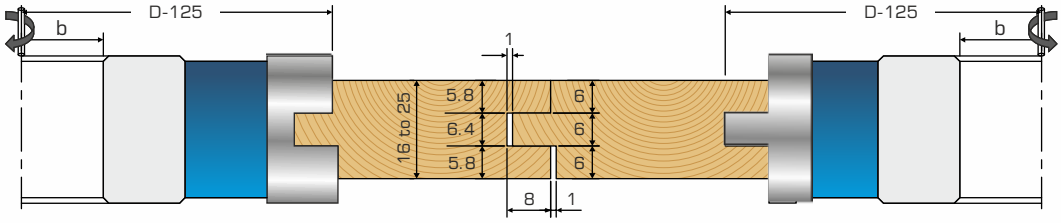


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.101	125	30/35	16-25	3
ATB.TG.SM.102	125	30/35	16-25	4

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.103	125	40	16-25	3
ATB.TG.MS.104	125	40	16-25	4

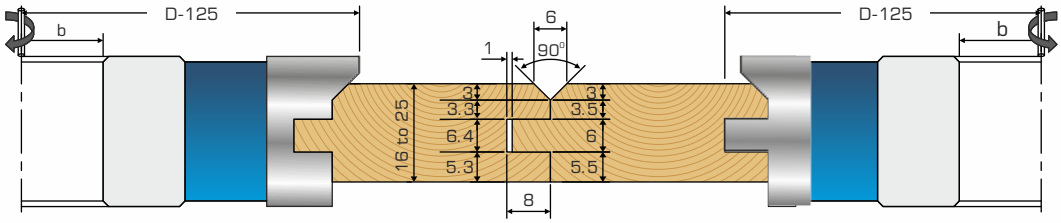


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.105	125	30/35	16-25	3
ATB.TG.SM.106	125	30/35	16-25	4

Use on Multi Spindle Machine (for Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.107	125	40	16-25	3
ATB.TG.MS.108	125	40	16-25	4

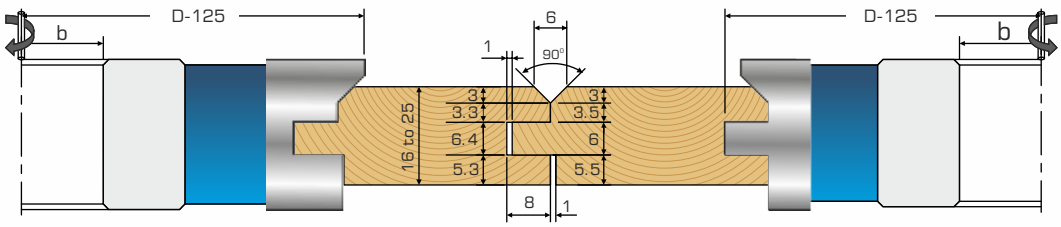


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.109	125	30/35	16-25	3
ATB.TG.SM.110	125	30/35	16-25	4

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.111	125	40	16-25	3
ATB.TG.MS.112	125	40	16-25	4



Use on Spindle Molder Machine

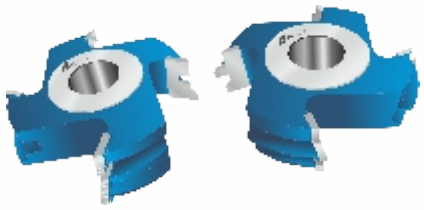
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.113	125	30/35	16-25	3
ATB.TG.SM.114	125	30/35	16-25	4

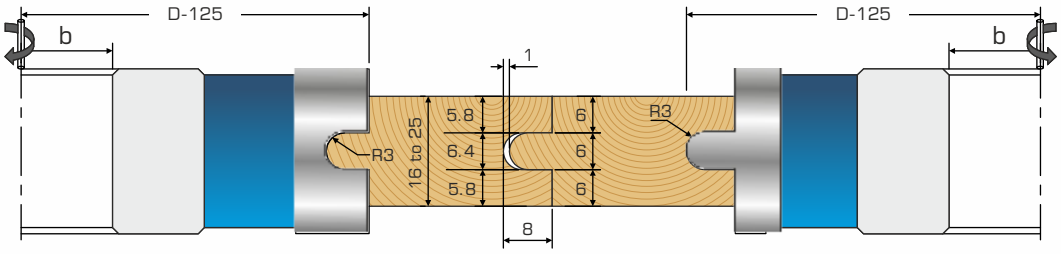
Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.115	125	40	16-25	3
ATB.TG.MS.116	125	40	16-25	4

Remark : Special Specification is Available as per customers order

T.C.T. Brazed Tongue & Groove Cutter Set
(Flooring & Wall Paneling Cutter Head Set)



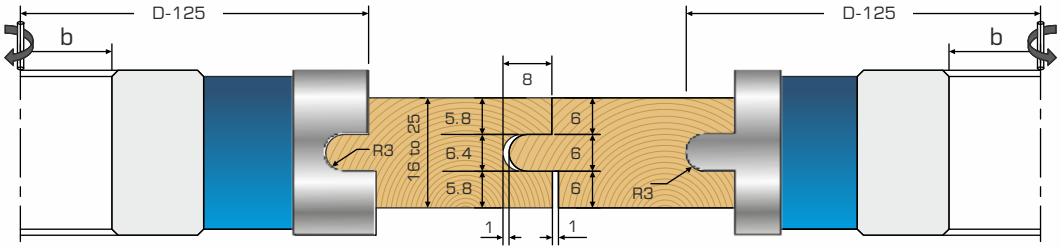


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.117	125	30/35	16-25	3
ATB.TG.SM.118	125	30/35	16-25	4

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.119	125	40	16-25	3
ATB.TG.MS.120	125	40	16-25	4

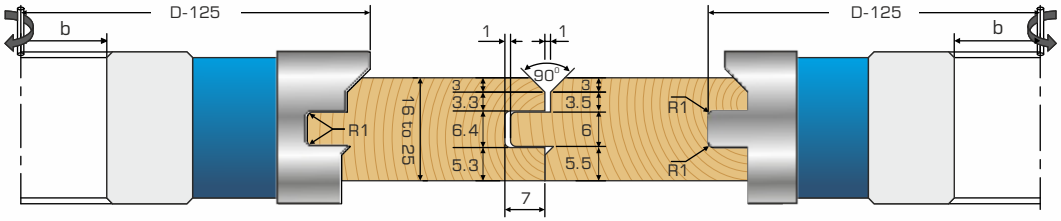


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.121	125	30/35	16-25	3
ATB.TG.SM.122	125	30/35	16-25	4

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.123	125	40	16-25	3
ATB.TG.MS.124	125	40	16-25	4

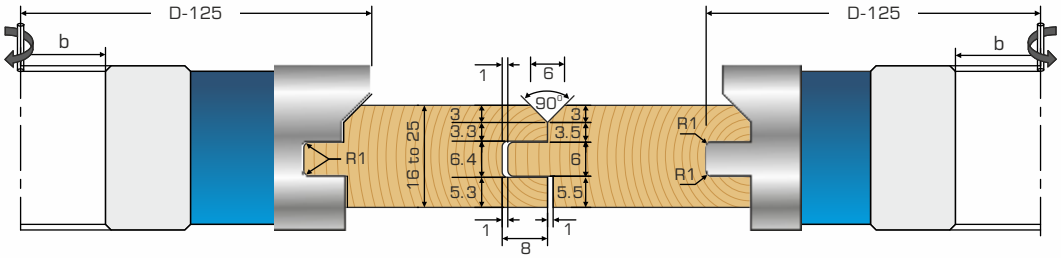


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.125	125	30/35	16-25	3
ATB.TG.SM.126	125	30/35	16-25	4

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.127	125	40	16-25	3
ATB.TG.MS.128	125	40	16-25	4



Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.SM.129	125	30/35	16-25	3
ATB.TG.SM.130	125	30/35	16-25	4

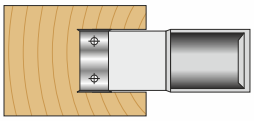
Use on Multi Spindle Machine (4 - Side Molder)

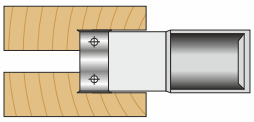
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z
ATB.TG.MS.131	125	40	16-25	3
ATB.TG.MS.132	125	40	16-25	4

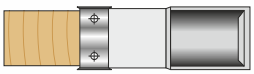
Remark : Special Specification is Available as per customers order

Planing Cutter Head Four Wings - ATR-PC.23 (T.C.T. Replaceable Knives)









Application : These Cutter Head Have Designed For Grooving, Rebating From Top & Bottom, Ideal On Chip Board, Mdf, Wood Composite, Plastic Material & Laminated Board.

Use On : Spindle Moulder Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Knives.

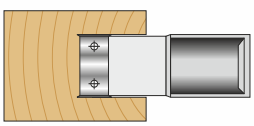
ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	SPURE
ATR.PC.23.103051	100	30	51	4	4+4
ATR.PC.23.123051	125	30	51	4	4+4
ATR.PC.23.103551	100	35	51	4	4+4
ATR.PC.23.123551	125	35	51	4	4+4

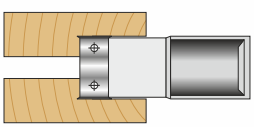
Spares :

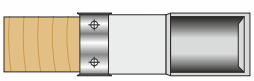
ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
ATR.PC.23.103051	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.23.123051	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.23.103551	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.23.123551	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C

Planing Cutter Head Two Wings - ATR-PC.24 (T.C.T. Replaceable Knives)









Application : These Cutter Head Have Designed For Grooving, Rebating From Top & Bottom, Ideal On Chip Board, Mdf, Wood Composite, Plastic Material & Laminated Board.

Use On : Spindle Moulder Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Knives.

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	SPURE
ATR.PC.24.103051	100	30	51	2	2+2
ATR.PC.24.103551	100	35	51	2	2+2
ATR.PC.24.123051	125	30	51	2	2+2
ATR.PC.24.123551	125	35	51	2	2+2

Spares :

ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
ATR.PC.24.103051	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.24.103551	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.24.123051	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C
ATR.PC.24.123551	50x12x1.5	49x10x8	M6x16G	14x14x2	M5x6C

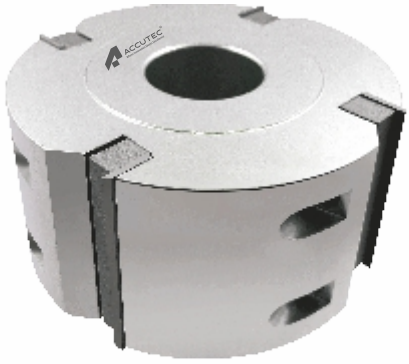
Remark : Special Specification is Available as per customers order

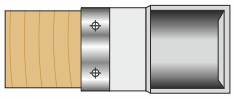
Planing Cutter Head Four Wings - ATR-SP.25 (T.C.T. Replaceable Knives)

Application : These Cutter Head Have Designed For Grooving, Rebating From Top & Bottom, Ideal On Chip Board, Mdf, Wood Composite, Plastic Material & Laminated Board.

Use On : Spindle Moulder Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Knives.





ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z
ATR.SP.25.7560	75	30	60	4
ATR.SP.25.1030	100	30/40	30	4
ATR.SP.25.1050	100	30/40	50	4
ATR.SP.25.1250	125	30/40	50	4

Spares :

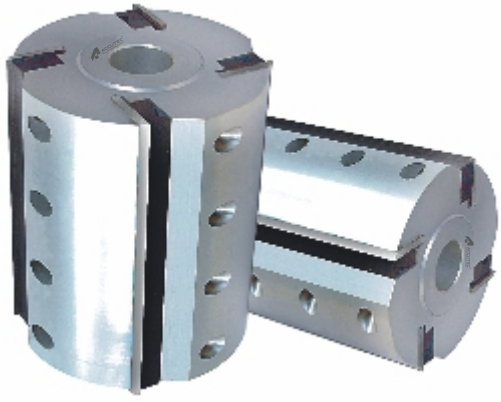
ORDER NO.	KNIVES	WEDGE	SCREW
ATR.SP.25.7560	60x12x1.5	59x10x8	M6x16G
ATR.SP.25.1030	30x12x1.5	29x10x8	M6x16G
ATR.SP.25.1050	50x12x1.5	49x10x8	M6x16G
ATR.SP.25.1250	50x12x1.5	49x10x8	M6x16G

Straight Edge Planing Cutter Head - ATR-SE.29 (T.C.T. Replaceable Knives)

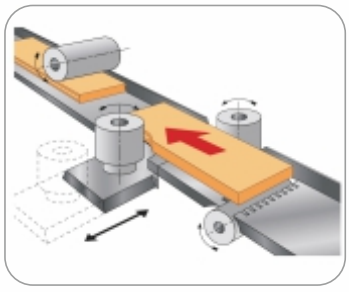
Application : These Cutter Head Have Designed For Grooving, Rebating From Top & Bottom, Ideal On Chip Board, Mdf, Wood Composite, Plastic Material & Laminated Board.

Use On : Four Side & Six Spindle Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Knives.



Working System



ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z
ATR.SE.29.100	125	40	100	4
ATR.SE.29.130	125	40	130	4
ATR.SE.29.150	125	40	150	4
ATR.SE.29.180	125	40	180	4
ATR.SE.29.200	125	40	200	4
ATR.SE.29.230	125	40	230	4
ATR.SE.29.250	125	40	250	4
ATR.SE.29.300	125	40	300	4
ATR.SE.29.330	125	40	330	4

Spares :

KNIVES	WEDGE	SCREW
100x30x3	21x12x100	M10x25G
130x30x3	21x12x130	M10x25G
150x30x3	21x12x150	M10x25G
180x30x3	21x12x180	M10x25G
200x30x3	21x12x200	M10x25G
230x30x3	21x12x230	M10x25G
250x30x3	21x12x250	M10x25G
300x30x3	21x12x300	M10x25G
330x30x3	21x12x330	M10x25G

Remark : Special Specification is Available as per customers order

Spiral Planing Cutter Head with T.C.T. Replaceable Knives - ATR-HC.26

Application : These Cutter Head Have Be Designed For Trimming & Planning In All Material But Ideal On Chip Board MDF, Wood Composite, Plastic Material, Solid Wood & Laminated Board.

Use On : Spindle Moulder Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Replaceable Knives.



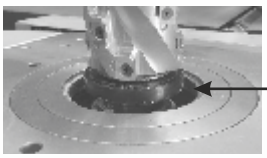
ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	KNIVES Qty.
ATR.HC.26.8050	80	30/35	50	6	12
ATR.HC.26.8060	80	30/35	60	6	15
ATR.HC.26.8075	80	30/35	75	6	18
ATR.HC.26.8010	80	30/35	100	6	24
ATR.HC.26.1050	100	30/35	50	6	12
ATR.HC.26.1075	100	30/35	75	6	18
ATR.HC.26.1010	100	30/35	100	6	24
ATR.HC.26.1012	100	30/35	120	6	30
ATR.HC.26.1015	100	30/35	150	6	36

Spares :


Knives 14 x 14 x 2.0


Torx Screw M6 x 15


Torx Key T20 x 120



Optional Bearing Guide : Dia - 80mm & 100mm

Spiral Planing Cutter Head with T.C.T. Replaceable Knives - ATR-HC.27

Application : These Cutter Head Have Be Designed For Trimming & Planning In All Material But Ideal On Chip Board MDF, Wood Composite, Plastic Material, Solid Wood & Laminated Board.

Use On : Four Side & Six Spindle Machines

Material : Hard Alloy **Aluminum Body** With T.C.T. Replaceable Knives.



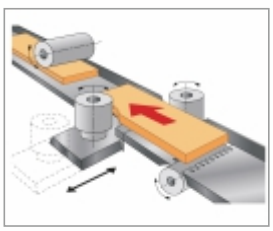
ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	KNIVES Qty.
ATR.HC.27.050	125	40	50	6	12
ATR.HC.27.075	125	40	75	6	18
ATR.HC.27.100	125	40	100	6	24
ATR.HC.27.130	125	40	130	6	30
ATR.HC.27.150	125	40	150	6	36
ATR.HC.27.180	125	40	180	6	42
ATR.HC.27.200	125	40	200	6	48
ATR.HC.27.230	125	40	230	6	54
ATR.HC.27.255	125	40	255	6	60
ATR.HC.27.305	125	40	305	6	72

Spares :


Knives 14 x 14 x 2.0


Torx Screw M6 x 15


Torx Key T20 x 120



Working System

Remark : Special Specification is Available as per customers order

Spiral Planing Cutter Head with T.C.T. Replaceable Knives - ATR-HC.28



The High Performance Spiral Cutter Head Is Enhancing The Woodworking Industry. A One-of-a-kind Custom Designed For Your Surface & Thickness Planner And Double Sided Moulder Will Cut Noise, Reduce Dust And Chips, And Cut Labour And Material Costs For Your Business.



Spiral Cutter Head Features :

» Customer Friendly Design, Noise Reduction Technology
» Quick-turn 4-sided Blades For Easy Maintenance And Replacement
» Savings In Labour, Material And Blade Replacement Costs

ORDER NO.	DIA (mm)	LENGTH (mm)	Z	KNIFE SIZE	KNIVES QTY.
ATR.HCS.28.230	100	230 (9")	6	15x15x2.5	54
ATR.HCS.28.255	100	255 (10")	6	15x15x2.5	60
ATR.HCS.28.305	100	305 (12")	6	15x15x2.5	72
ATR.HCS.28.330	100	330 (13")	6	15x15x2.5	78
ATR.HCS.28.380	100	380 (15")	6	15x15x2.5	90
ATR.HCS.28.457	100	457 (18")	6	15x15x2.5	108
ATR.HCS.28.508	100	508 (20")	6	15x15x2.5	120
ATR.HCS.28.610	100	610 (24")	6	15x15x2.5	144

Spares :


Knives
15 x 15 x 2.5

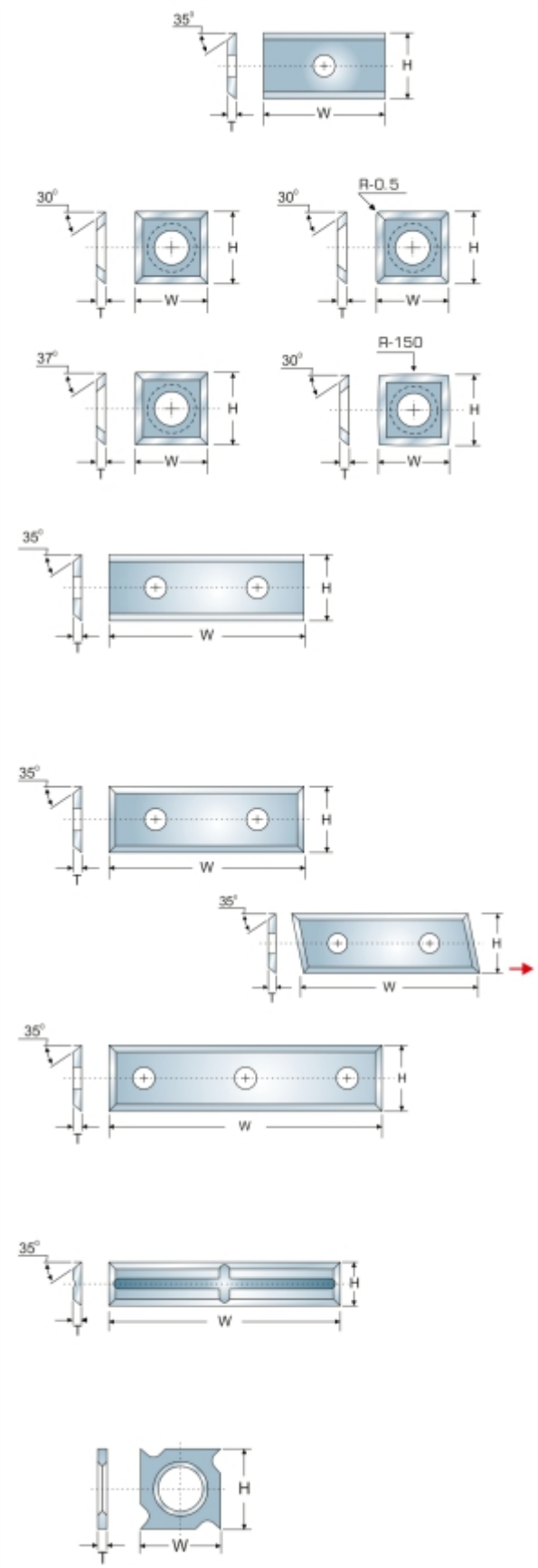

Torx Screw
M6 x 15


Steel Torx Key
T20

Also Available in Dia : 125mm

The Cutter head Specifications Are Specified According To Customers Requirement.

T.C.T. Replaceable Standard Knives



Standard Replaceable Knives 2 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
106822 - AT	T04MG-CR	7.5	12	1.5	35°	Z2
106823 - AT	T04MG-CR	9.6	12	1.5	35°	Z2
106835 - AT	T04MG-CR	12	12	1.5	35°	Z4
106824 - AT	T04MG-CR	15	12	1.5	35°	Z2
104796 - AT	T04MG-CR	20	12	1.5	35°	Z2

Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
013295 - AT	T08MF	14	14	1.2	30°	Z4
014028 - AT	T10MG	14	14	2.0	30°	Z4
104118 - AT	T10MG	15	15	2.5	R-0.5/30°	Z4
013315 - AT	T10MG	15	15	2.5	30°	Z4
109384 - AT	T10MG	15	15	2.5	R-0.5/37°	Z4
104062 - AT	T10MG	15	15	2.5	37°	Z4
101540 - AT	T10MG	15	15	2.5	R-150/30°	Z4
148426 - AT	T10MG	15	15	2.5	R-95/30°	Z4

Standard Replaceable Knives 2 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
104795 - AT	T04MG-CR	30	12	1.5	35°	Z2
054259 - AT	T04MG-CR	30	12	2.5	35°	Z2
106828 - AT	T04MG-CR	40	12	1.5	35°	Z2
106829 - AT	T04MG-CR	50	12	1.5	35°	Z2
106830 - AT	T04MG-CR	60	12	1.5	35°	Z2

Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
013504 - AT	T04F-CR	29.5	9	1.5	35°	Z4
013507 - AT	T04F-CR	29.5	12	1.5	35°	Z4
013517 - AT	T04F-CR	49.5	9	1.5	35°	Z4
013520 - AT	T04F-CR	49.5	12	1.5	35°	Z4
017047 - AT	T04F-CR	48	12	1.5	35°	Z4

Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
105980 - AT	T04MG-CR	50	12	1.7	35°	Z4

Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
013403 - AT	T04F-CR	20	4.1	1.1	35°	Z4
013394 - AT	T04F-CR	20	5.5	1.1	35°	Z4
013402 - AT	T04F-CR	25	5.5	1.1	35°	Z4
013397 - AT	T04F-CR	30	5.5	1.1	35°	Z4
013399 - AT	T04F-CR	40	5.5	1.1	35°	Z4
013401 - AT	T04F-CR	50	5.5	1.1	35°	Z4

Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z
013293 - AT	T08MF	18	18	1.95	35°	Z4
013291 - AT	T08MF	18	18	2.45	35°	Z4
013305 - AT	T08MF	18	18	2.95	35°	Z4

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