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1st August 2026

AN ISO 9001:2015 CERTIFIED COMPANY



UNBEATABLE
PERFORMANCE
WITH LONG
WORKING LIFE

MADE IN INDIA
SINCE 1995



"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

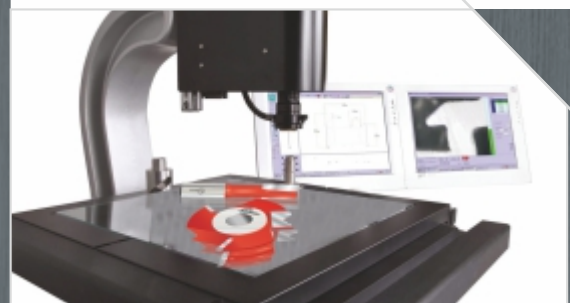
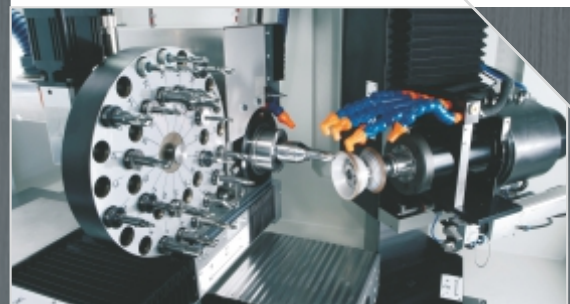
Universal Tools Offer All The Trendy and In Vogue Wood Design, But Similarly Covers the Extra-ordinary Ones Too! This Design Skill Combined Wirth Engineering Expertise Makes Your Universal Deal Powerful.

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.

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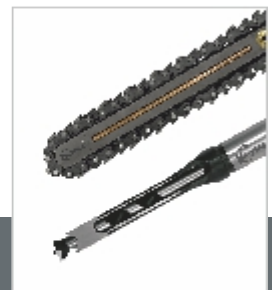
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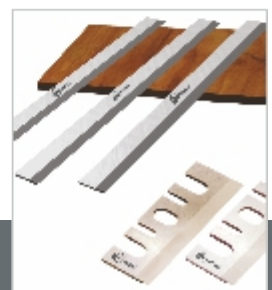
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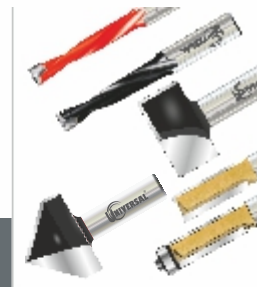
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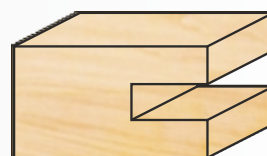


ACCUTEC[®] Where Innovation Meets Excellence REPLACEABLE KNIVES PLANING CUTTER HEAD

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Grooving Cutter - 601A to 635



DIA-3"xBORE-20x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
601-A	75	20	3	6	400
602-A	75	20	4	6	400
603-A	75	20	5	6	446
604-A	75	20	6	6	516
605-A	75	20	8	6	646
606-A	75	20	9	6	669
607-A	75	20	10	6	739
608-A	75	20	12	6	846

DIA-3"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
601-B	75	1"	3	6	492
602-B	75	1"	4	6	492
603-B	75	1"	5	6	523
604-B	75	1"	6	6	600
605-B	75	1"	8	6	716
606-B	75	1"	9	6	739
607-B	75	1"	10	6	846
608-B	75	1"	12	6	954

DIA-4"xBORE-20x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
601	100	20	3	6	385
602	100	20	4	6	385
603	100	20	5	6	431
604	100	20	6	6	492
605	100	20	8	6	616
606	100	20	9	6	631
607	100	20	10	6	693
608	100	20	12	6	770

DIA-4"xBORE-1"x6TEETH

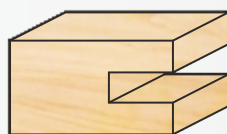
Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
609	100	1"	3	6	492
610	100	1"	4	6	492
611	100	1"	5	6	523
612	100	1"	6	6	600
613	100	1"	8	6	716
614	100	1"	9	6	739
615	100	1"	10	6	846
616	100	1"	12	6	954

DIA-4½"xBORE-1¼"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
617	110	1¼"	3	6	492
618	110	1¼"	4	6	492
619	110	1¼"	5	6	523
620	110	1¼"	6	6	600
621	110	1¼"	8	6	716
622	110	1¼"	9	6	739
623	110	1¼"	10	6	846
624	110	1¼"	12	6	954
625	110	1¼"	15	6	1462
626	110	1¼"	19	6	1847
627	110	1¼"	25	6	2385
628	110	1¼"	32	6	3001
629	110	1¼"	38	6	3617

DIA-5"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
630	125	1"	4	6	492
631	125	1"	6	6	600
632	125	1"	8	6	716
633	125	1"	9	6	739
634	125	1"	10	6	846
635	125	1"	12	6	954

Grooving Cutter - 636 to 686
**DIA-6"xBORE-3/4"x6TEETH**

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
636	150	3/4"	3	6	492
636-A	150	3/4"	3.5	6	492
637	150	3/4"	4	6	492
638	150	3/4"	5	6	523
639	150	3/4"	6	6	600
640	150	3/4"	8	6	716
641	150	3/4"	9	6	739
642	150	3/4"	10	6	846
643	150	3/4"	12	6	954
644	150	3/4"	15	6	1462
645	150	3/4"	19	6	1847
645-A	150	3/4"	22	6	2078
646	150	3/4"	25	6	2385
647	150	3/4"	32	6	3001
647-A	150	3/4"	35	6	3617
648	150	3/4"	38	6	3617

DIA-6"xBORE-1"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
649	150	1"	3	6	492
649-A	150	1"	3.5	6	492
650	150	1"	4	6	492
651	150	1"	5	6	523
652	150	1"	6	6	600
653	150	1"	8	6	716
654	150	1"	9	6	739
655	150	1"	10	6	846
656	150	1"	12	6	954
657	150	1"	15	6	1462
658	150	1"	19	6	1847
658-A	150	1"	22	6	2078
659	150	1"	25	6	2385
660	150	1"	32	6	3001
660-A	150	1"	35	6	3617
661	150	1"	38	6	3617

DIA-6"xBORE-1 1/4"x6TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
662	150	1 1/4"	3	6	492
662-A	150	1 1/4"	3.5	6	492
663	150	1 1/4"	4	6	492
664	150	1 1/4"	5	6	523
665	150	1 1/4"	6	6	600
666	150	1 1/4"	8	6	716
667	150	1 1/4"	9	6	739
668	150	1 1/4"	10	6	846
669	150	1 1/4"	12	6	954
670	150	1 1/4"	15	6	1462
671	150	1 1/4"	19	6	1847
671-A	150	1 1/4"	22	6	2078
672	150	1 1/4"	25	6	2385
673	150	1 1/4"	32	6	3001
673-A	150	1 1/4"	35	6	3617
674	150	1 1/4"	38	6	3617

DIA-8"xBORE-1"x8TEETH

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
675	200	1"	4	8	1123
676	200	1"	5	8	1170
677	200	1"	6	8	1262
678	200	1"	8	8	1477
679	200	1"	9	8	1508
680	200	1"	10	8	1654
681	200	1"	12	8	1793
682	200	1"	15	8	2478
683	200	1"	19	8	2986
684	200	1"	25	8	3848
685	200	1"	32	8	4848
685-A	200	1"	35	8	5540
686	200	1"	38	8	5617

(Use In Spindle Moulder Machine)

In Side Molem Cutter - 850 to 860-L



1" BORE - RIGHT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
850	125	1"	8	3	639
851	125	1"	10	3	770
852	125	1"	12	3	893
853	125	1"	15	3	1154
854	125	1"	19	3	1585
855	125	1"	22	3	2270
856	125	1"	25	3	2270
857	125	1"	27	3	2847
858	125	1"	32	3	2847
859	125	1"	35	3	3848
860	125	1"	38	3	3848

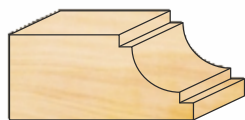
1 1/4" BORE - RIGHT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
850-R	125	1 1/4"	8	3	639
851-R	125	1 1/4"	10	3	770
852-R	125	1 1/4"	12	3	893
853-R	125	1 1/4"	15	3	1154
854-R	125	1 1/4"	19	3	1585
855-R	125	1 1/4"	22	3	2270
856-R	125	1 1/4"	25	3	2270
857-R	125	1 1/4"	27	3	2847
858-R	125	1 1/4"	32	3	2847
859-R	125	1 1/4"	35	3	3848
860-R	125	1 1/4"	38	3	3848

1 1/4" BORE - LEFT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
850-L	125	1 1/4"	8	3	639
851-L	125	1 1/4"	10	3	770
852-L	125	1 1/4"	12	3	893
853-L	125	1 1/4"	15	3	1154
854-L	125	1 1/4"	19	3	1585
855-L	125	1 1/4"	22	3	2270
856-L	125	1 1/4"	25	3	2270
857-L	125	1 1/4"	27	3	2847
858-L	125	1 1/4"	32	3	2847
859-L	125	1 1/4"	35	3	3848
860-L	125	1 1/4"	38	3	3848

Out Side Molem Cutter - 861 to 867



1" BORE - RIGHT SIDE

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
861	125	1"	8	3	1123
862	125	1"	10	3	1154
863	125	1"	12	3	1193
864	125	1"	15	3	1693
865	125	1"	19	3	2616
866	125	1"	22	3	2924
867	125	1"	25	3	3617

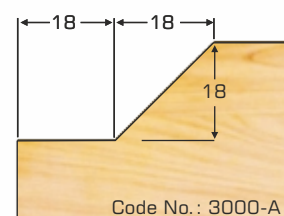
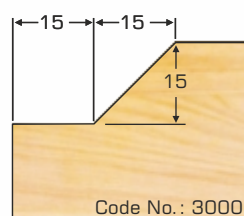
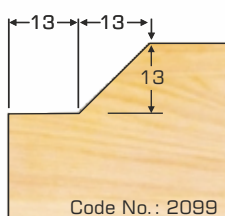
Door Frame Cutter 45° - 2099 to 3000-A



Code No.	A (mm)	B (mm)	C (mm)	Cutter Thickness	Price
2099	13	13	13	26	4155
3000	15	15	15	30	5387
3000-A	18	18	18	36	7695

Common Factor For All Cutters

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



"V" Groove Cutter - E-1221 to 1240

USE IN CM-4 Machine



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

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
E-1221	100	20	4	6	362
E-1225	100	20	6	6	385
E-1229	100	20	8	6	446
E-1233	100	20	10	6	500
E-1237	100	20	12	6	539

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

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
1221	100	20	4	6	439
1222	100	20	4	8	585
1223	100	20	4	10	708
1224	100	20	4	12	831
1225	100	20	6	6	462
1226	100	20	6	8	616
1227	100	20	6	10	739
1228	100	20	6	12	877
1229	100	20	8	6	531
1230	100	20	8	8	693
1231	100	20	8	10	831
1232	100	20	8	12	985
1233	100	20	10	6	616
1234	100	20	10	8	800
1235	100	20	10	10	970
1236	100	20	10	12	1154
1237	100	20	12	6	654
1238	100	20	12	8	862
1239	100	20	12	10	1047
1240	100	20	12	12	1231

"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	Price
E-1221-3IN	75	20	4	6	362
E-1225-3IN	75	20	6	6	385
E-1229-3IN	75	20	8	6	446
E-1233-3IN	75	20	10	6	500
E-1237-3IN	75	20	12	6	539

Grooving Cutter - 601 to 608

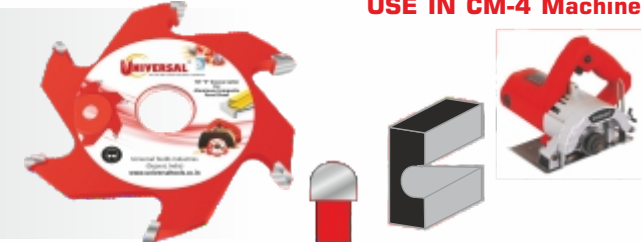
USE IN CM-4 Machine



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
601	100	20	3	6	385
602	100	20	4	6	385
603	100	20	5	6	431
604	100	20	6	6	492
605	100	20	8	6	616
606	100	20	9	6	631
607	100	20	10	6	693
608	100	20	12	6	770

Radius Cutter - 1221-R to 1237-R

USE IN CM-4 Machine



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
1221-R	100	20	4	6	585
1225-R	100	20	6	6	746
1229-R	100	20	8	6	923
1233-R	100	20	10	6	1077
1237-R	100	20	12	6	1231

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
V-1221	100	20	4	6	485
V-1225	100	20	6	6	531
V-1229	100	20	8	6	616
V-1233	100	20	10	6	716
V-1237	100	20	12	6	793

T.C.T. Hand Planner Knife

Standard Series



Code No.	Width (inch)	Thick (mm)	All Over Length	Price
969-P	1" (Plain)	2mm	130	162
969A-P	1¼" (Plain)	2mm	130	185
970-P	1½" (Plain)	2mm	130	215
971-P	1¾" (Plain)	2mm	140	239
971-H	1¾" (Slot)	2mm	140	239
972-P	2" (Plain)	2mm	140	254
972-H	2" (Slot)	2mm	140	254
973-P	2½" (Plain)	2mm	150	385
973-H	2½" (Slot)	2mm	150	385
974-P	35mm (Plain)	2mm	90	200
975-P	42mm (Plain)	2mm	120	231

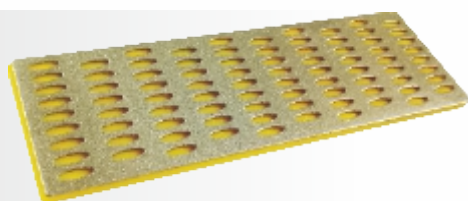
T.C.T. Hand Planner Knife

Premium Series



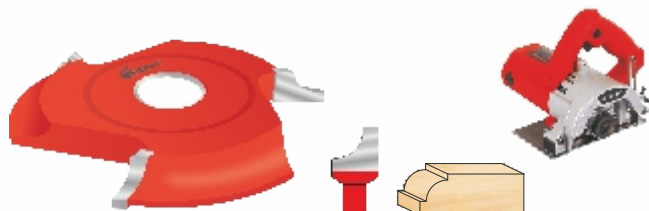
Code No.	Width (inch)	Thick (mm)	All Over Length	Price
Pro-969-P	1" (Plain)	2mm	130	200
Pro-969A-P	1¼" (Plain)	2mm	130	223
Pro-970-P	1½" (Plain)	2mm	130	254
Pro-971-P	1¾" (Plain)	2mm	140	277
Pro-971-H	1¾" (Slot)	2mm	140	277
Pro-972-P	2" (Plain)	2mm	140	292
Pro-972-H	2" (Slot)	2mm	140	292
Pro-973-P	2½" (Plain)	2mm	150	423
Pro-973-H	2½" (Slot)	2mm	150	423
Pro-974-P	35mm (Plain)	2mm	90	223
Pro-975-P	42mm (Plain)	2mm	120	269

Diamond Sharpening Stone



Code No.	Width (inch)	Length (mm)	Price
DS-101	2"	6"	169

Molem Cutter (Use for Cm4 Machine)



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth	Price
M-1221	100	20	8	3	1047
M-1225	100	20	10	3	1216
M-1229	100	20	12	3	1400

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



Code No.	Dia (mm)	Teeth	Thick (mm)	Bore (mm)	Price
BC-1	60	2	25	20	1501
BC-2	60	2	32	20	1847
BC-3	60	3	25	20	2001
BC-4	60	3	32	20	2462

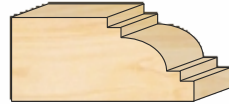
Double Fillet Cove Frame Cutter

2001 to 2014A



Common Factor For All Cutters

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



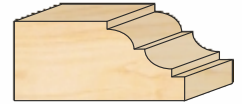
Multi Form Frame Cutter

2029 to 2042A



Common Factor For All Cutters

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



Code No.	Wood Size (mm)	Cutter Thickness	Price
2001	15x15	12	1154
2002	18x18	15	1616
2003	20x20	17	1693
2004	22x22	19	1847
2005	25x25	22	2616
2006	28x15	25	2924
2007	28x28	25	2924
2008	32x18	28	3540
2009	32x32	28	3540
2010	36x15	32	4078
2011	36x18	32	4078
2012	36x22	32	4078
2013	36x28	32	4078
2014	36x36	32	4078
2014A	44x44	38	5540

Code No.	Wood Size (mm)	Cutter Thickness	Price
2029	15x15	12	1154
2030	18x18	15	1616
2031	20x20	17	1693
2032	22x22	19	1847
2033	25x25	22	2616
2034	28x15	25	2924
2035	28x28	25	2924
2036	32x18	28	3540
2037	32x32	28	3540
2038	36x15	32	4078
2039	36x18	32	4078
2040	36x22	32	4078
2041	36x28	32	4078
2042	36x36	32	4078
2042A	44x44	38	5540

Ogee Double Fillet Frame Cutter

2015 to 2028A



Common Factor For All Cutters

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



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	Price
2015	15x15	12	1154
2016	18x18	15	1616
2017	20x20	17	1693
2018	22x22	19	1847
2019	25x25	22	2616
2020	28x15	25	2924
2021	28x28	25	2924
2022	32x18	28	3540
2023	32x32	28	3540
2024	36x15	32	4078
2025	36x18	32	4078
2026	36x22	32	4078
2027	36x28	32	4078
2028	36x36	32	4078
2028A	44x44	38	5540

Code No.	Wood Size (mm)	Cutter Thickness	Price
2043	15x15	12	1154
2044	18x18	15	1616
2045	20x20	17	1693
2046	22x22	19	1847
2047	25x25	22	2616
2048	28x15	25	2924
2049	28x28	25	2924
2050	32x18	28	3540
2051	32x32	28	3540
2052	36x15	32	4078
2053	36x18	32	4078
2054	36x22	32	4078
2055	36x28	32	4078
2056	36x36	32	4078
2056A	44x44	38	5540

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	Price
2057	15x15	12	1154
2058	18x18	15	1616
2059	20x20	17	1693
2060	22x22	19	1847
2061	25x25	22	2616
2062	28x15	25	2924
2063	28x28	25	2924
2064	32x18	28	3540
2065	32x32	28	3540
2066	36x15	32	4078
2067	36x18	32	4078
2068	36x22	32	4078
2069	36x28	32	4078
2070	36x36	32	4078
2070A	44x44	38	5540

Classical Ogee Frame Cutter

2071 to 2084A

Common Factor For All Cutters

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



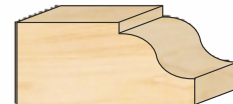
Code No.	Wood Size (mm)	Cutter Thickness	Price
2071	15x15	12	1154
2072	18x18	15	1616
2073	20x20	17	1693
2074	22x22	19	1847
2075	25x25	22	2616
2076	28x15	25	2924
2077	28x28	25	2924
2078	32x18	28	3540
2079	32x32	28	3540
2080	36x15	32	4078
2081	36x18	32	4078
2082	36x22	32	4078
2083	36x28	32	4078
2084	36x36	32	4078
2084A	44x44	38	5540

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	Price
2085	15x15	12	1154
2086	18x18	15	1616
2087	20x20	17	1693
2088	22x22	19	1847
2089	25x25	22	2616
2090	28x15	25	2924

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	Price
2091	15x15	12	1154
2092	18x18	15	1616
2093	20x20	17	1693
2094	22x22	19	1847
2095	25x25	22	2616
2096	28x15	25	2924
2097	28x28	25	2924
2098	32x18	28	3540

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	Price
2098A	15x15	12	1154
2098B	18x18	15	1616
2098C	20x20	17	1693
2098D	22x22	19	1847
2098E	25x25	22	2616
2098F	28x28	25	2924

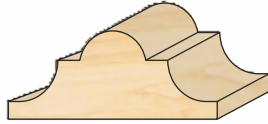
PROFILE CUTTERS

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	Price
1001	15x8	19	2462
1002	18x10	25	3078
1003	20x8	25	3078
1004	20x10	25	3078
1005	22x8	25	3078
1006	22x10	25	3078
1007	25x10	30	4001
1008	28x10	32	4001
1009	32x10	38	4771
1010	32x12	38	5233
1011	36x15	38	6695

Four Flute Cutter - 1028 to 1032



Common Factor For All Cutters

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



Code No.	Wood Size (mm)	Cutter Thickness	Price
1028	20x8	32	4001
1029	22x8	32	4001
1030	22x10	32	4001
1031	28x10	38	4771
1032	35x10	45	6233

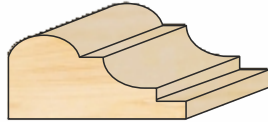
Cove & Full Bead Profile Cutter

1012A to 1027



Common Factor For All Cutters

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



Code No.	Wood Size (mm)	Cutter Thickness	Price
1012A	15x8	19	2462
1012	15x10	19	2462
1013	15x15	19	3309
1014	19x8	25	3078
1015	19x10	25	3078
1016A	19x15	25	4155
1016B	19x19	25	4771
1016	20x8	25	3078
1017	20x10	25	3078
1018	22x8	25	3078
1019	22x10	25	3078
1020	22x15	25	4155
1021A	22x18	32	6156
1021	22x22	32	7233
1022A	28x10	35	4771
1022	28x12	35	5233
1023	28x15	35	6310
1024A	32x10	38	4771
1024	32x12	38	5233
1025	32x15	38	6310
1026A	35x10	45	6233
1026	35x12	45	6926
1027	36x15	45	8311

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	Price
1033	15x8	25	3078
1034	20x10	32	4001
1035	22x10	32	4001
1036	28x10	38	4771
1037	32x10	38	4771
1038	32x12	38	5233
1039	36x12	45	6926
1040	36x15	45	8311

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	Price
1041	10x15	19	3309
1042	15x10	19	2462
1043	15x15	19	3309
1044	18x10	25	3078
1045	22x10	25	3078
1046	22x15	25	4155

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	Price
1047-A	15x10	19	2462
1047	15x15	19	3309
1048-A	19x10	25	3078
1048	19x15	25	4155
1049-A	20x8	25	3078
1049	20x10	25	3078
1050-A	22x8	25	3078
1050	22x10	25	3078
1051	22x15	25	4155
1052	28x12	35	5233
1053	28x15	35	6310
1054	32x12	38	5233
1055	32x15	38	6310
1056	35x12	45	6926
1057	35x15	45	8311

Classical Cutter - 1058 to 1069

Common Factor For All Cutters

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

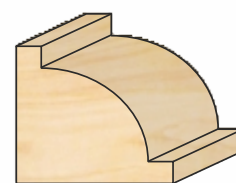


Code No.	Wood Size (mm)	Cutter Thickness	Price
1058	15x8	19	2462
1059	18x8	25	3078
1060	18x10	25	3078
1061	20x8	25	3078
1062	20x10	25	3078
1063	22x8	25	3078
1064	22x10	25	3078
1065	32x10	38	4771
1066	32x12	38	5233
1067	36x12	38	5233
1068	36x15	38	6310
1069	45x15	50	8311

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	Price
1070A	8x8	19	2462
1070	10x10	25	3078
1071	12x12	25	3078
1072	15x15	32	4001
1073	19x19	38	4771
1074A	22x22	45	6926
1074	25x25	50	6926

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	Price
1075	18x10	25	3078
1076	20x10	25	3078
1077	22x10	25	3078
1078	28x12	32	4463
1079	32x10	38	4771
1080	32x12	38	5233
1081	36x12	38	5233
1082	45x15	50	8311

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	Price
1096	12x8	19	2462
1097	15x8	19	2462
1098	20x10	25	3078
1099	22x10	25	3078
1100	28x10	32	4001
1101	32x10	38	4771
1102	32x12	38	5233
1103	36x12	38	5233

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	Price
1083	12x12	25	3078
1083A	15x15	32	4001
1084	18x18	38	4771
1085	22x22	45	6926
1086	25x25	50	6926
1087	28x28	50	6926
1088	32x32	55	8311
1089	36x36	65	9696
1090	45x22	60	8311
1091	45x45	75	11081
1092	58x36	80	11081
1093	58x58	100	13851
1094	70x35	90	12466
1095	70x70	120	16544

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	Price
1104	12x5	19	2001
1105	12x7	19	2462
1106	15x7	25	3463
1107	18x10	25	3463
1108	19x10	25	3463
1109	20x8	30	4463
1110	20x10	32	4463
1111	22x8	32	4463
1112	22x10	32	4463
1113	25x10	32	4463
1114	28x12	38	6310
1115	32x10	38	5233
1116	32x15	38	7387
1117	36x12	45	8311

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	Price
1118	10x10	25	3078
1119	12x12	25	3078
1120	15x15	32	4001
1121	19x19	38	4771
1122	22x22	45	6926

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	Price
1131	22x10	25	3078
1132	22x15	25	4155
1133	28x12	32	4463
1134	28x15	32	5310
1135	32x12	38	5233
1136	32x15	38	6310

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	Price
1123	15x15	32	4001
1124	18x18	38	4771
1125	22x22	45	6926
1126	25x25	50	6926
1127	28x28	50	6926
1128	32x32	60	8311
1129	36x36	65	9696
1130	38x38	70	9696
1130A	45x45	75	11081
1130B	58x58	100	13851
1130C	70x70	120	16544

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	Price
1137	15x6	19	2462
1138	19x8	25	3078
1139	20x8	25	3078
1140	20x10	25	3078
1141	22x8	25	3078
1142	22x10	25	3078
1143	25x8	32	4001
1144	28x8	32	4001
1145	32x8	38	4771
1146	32x10	38	4771
1147	36x10	38	4771

Cove Ogee Cutter - 1148 to 1155

Common Factor For All Cutters



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



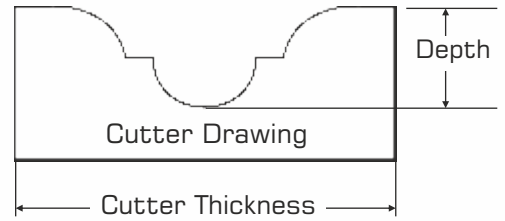
Code No.	Wood Size (mm)	Cutter Thickness	Price
1148	15x10	19	2462
1149	19x10	25	3078
1150	20x10	25	3078
1151	22x10	25	3078
1152	28x10	32	4001
1153	32x10	38	4771
1154	38x12	45	6926
1155	45x15	50	8311

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	Price
PC-1906-3	up to 19	6mm	2462
PC-2506-3	20 to 25	6mm	3078
PC-3206-3	26 to 32	6mm	4001
PC-3806-3	33 to 38	6mm	4771
PC-5006-3	39 to 50	6mm	6233
PC-6006-3	51 to 60	6mm	7464
PC-7006-3	61 to 70	6mm	8695
PC-8006-3	71 to 80	6mm	9927
PC-9006-3	81 to 90	6mm	11158
PC-10006-3	91 to 100	6mm	12389

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1906-4	up to 19	6mm	2924
PC-2506-4	20 to 25	6mm	3617
PC-3206-4	26 to 32	6mm	4617
PC-3806-4	33 to 38	6mm	5540
PC-5006-4	39 to 50	6mm	7233
PC-6006-4	51 to 60	6mm	8695
PC-7006-4	61 to 70	6mm	10157
PC-8006-4	71 to 80	6mm	11543
PC-9006-4	81 to 90	6mm	13082
PC-10006-4	91 to 100	6mm	14467

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

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1909-3	up to 19	9mm	2770
PC-2509-3	20 to 25	9mm	3463
PC-3209-3	26 to 32	9mm	4463
PC-3809-3	33 to 38	9mm	5233
PC-5009-3	39 to 50	9mm	6926
PC-6009-3	51 to 60	9mm	8311
PC-7009-3	61 to 70	9mm	9696
PC-8009-3	71 to 80	9mm	11081
PC-9009-3	81 to 90	9mm	12466
PC-10009-3	91 to 100	9mm	13851

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1909-4	up to 19	9mm	3309
PC-2509-4	20 to 25	9mm	4155
PC-3209-4	26 to 32	9mm	5233
PC-3809-4	33 to 38	9mm	6233
PC-5009-4	39 to 50	9mm	8234
PC-6009-4	51 to 60	9mm	9850
PC-7009-4	61 to 70	9mm	11543
PC-8009-4	71 to 80	9mm	13082
PC-9009-4	81 to 90	9mm	14774
PC-10009-4	91 to 100	9mm	16467

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

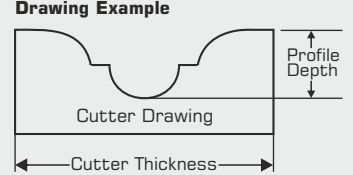
(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1911-3	up to 19	11mm	3309
PC-2511-3	20 to 25	11mm	4155
PC-3211-3	26 to 32	11mm	5310
PC-3811-3	33 to 38	11mm	6310
PC-5011-3	39 to 50	11mm	8311
PC-6011-3	51 to 60	11mm	9927
PC-7011-3	61 to 70	11mm	11619
PC-8011-3	71 to 80	11mm	13235
PC-9011-3	81 to 90	11mm	14928
PC-10011-3	91 to 100	11mm	16544

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1911-4	up to 19	11mm	4001
PC-2511-4	20 to 25	11mm	5002
PC-3211-4	26 to 32	11mm	6387
PC-3811-4	33 to 38	11mm	7618
PC-5011-4	39 to 50	11mm	10004
PC-6011-4	51 to 60	11mm	12004
PC-7011-4	61 to 70	11mm	14005
PC-8011-4	71 to 80	11mm	16006
PC-9011-4	81 to 90	11mm	18006
PC-10011-4	91 to 100	11mm	20007

PROFILE CUTTERS



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

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1914-3	up to 19	14mm	3540
PC-2514-3	20 to 25	14mm	4386
PC-3214-3	26 to 32	14mm	5617
PC-3814-3	33 to 38	14mm	6695
PC-5014-3	39 to 50	14mm	8772
PC-6014-3	51 to 60	14mm	10542
PC-7014-3	61 to 70	14mm	12312
PC-8014-3	71 to 80	14mm	14005
PC-9014-3	81 to 90	14mm	15775
PC-10014-3	91 to 100	14mm	17545

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1914-4	up to 19	14mm	4232
PC-2514-4	20 to 25	14mm	5310
PC-3214-4	26 to 32	14mm	6772
PC-3814-4	33 to 38	14mm	8003
PC-5014-4	39 to 50	14mm	10542
PC-6014-4	51 to 60	14mm	12697
PC-7014-4	61 to 70	14mm	14774
PC-8014-4	71 to 80	14mm	16929
PC-9014-4	81 to 90	14mm	18930
PC-10014-4	91 to 100	14mm	21084

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

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1917-3	up to 19	17mm	3848
PC-2517-3	20 to 25	17mm	4771
PC-3217-3	26 to 32	17mm	6156
PC-3817-3	33 to 38	17mm	7310
PC-5017-3	39 to 50	17mm	9619
PC-6017-3	51 to 60	17mm	11543
PC-7017-3	61 to 70	17mm	13389
PC-8017-3	71 to 80	17mm	15390
PC-9017-3	81 to 90	17mm	17237
PC-10017-3	91 to 100	17mm	19161

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1917-4	up to 19	17mm	4617
PC-2517-4	20 to 25	17mm	5848
PC-3217-4	26 to 32	17mm	7464
PC-3817-4	33 to 38	17mm	8849
PC-5017-4	39 to 50	17mm	11696
PC-6017-4	51 to 60	17mm	14005
PC-7017-4	61 to 70	17mm	16313
PC-8017-4	71 to 80	17mm	18622
PC-9017-4	81 to 90	17mm	20930
PC-10017-4	91 to 100	17mm	23239

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

(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1919-3	up to 19	19mm	4463
PC-2519-3	20 to 25	19mm	5617
PC-3219-3	26 to 32	19mm	7233
PC-3819-3	33 to 38	19mm	8541
PC-5019-3	39 to 50	19mm	11235
PC-6019-3	51 to 60	19mm	13543
PC-7019-3	61 to 70	19mm	15698
PC-8019-3	71 to 80	19mm	18006
PC-9019-3	81 to 90	19mm	20238
PC-10019-3	91 to 100	19mm	22469

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1919-4	up to 19	19mm	5617
PC-2519-4	20 to 25	19mm	7002
PC-3219-4	26 to 32	19mm	8926
PC-3819-4	33 to 38	19mm	10619
PC-5019-4	39 to 50	19mm	13928
PC-6019-4	51 to 60	19mm	16698
PC-7019-4	61 to 70	19mm	19545
PC-8019-4	71 to 80	19mm	22316
PC-9019-4	81 to 90	19mm	25086
PC-10019-4	91 to 100	19mm	27856

Profile Cutter up to Diameter 110mm (Design Depth up to 25mm)

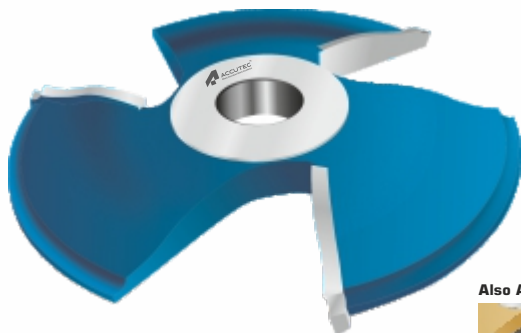
(Number of Teeth 3)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1925-3	up to 19	25mm	5617
PC-2525-3	20 to 25	25mm	7002
PC-3225-3	26 to 32	25mm	8926
PC-3825-3	33 to 38	25mm	10619
PC-5025-3	39 to 50	25mm	13928
PC-6025-3	51 to 60	25mm	16698
PC-7025-3	61 to 70	25mm	19545
PC-8025-3	71 to 80	25mm	22316
PC-9025-3	81 to 90	25mm	25086
PC-10025-3	91 to 100	25mm	27856

(Number of Teeth 4)

Code No.	Cutter Thick (mm)	Profile Depth	Price
PC-1925-4	up to 19	25mm	6926
PC-2525-4	20 to 25	25mm	8695
PC-3225-4	26 to 32	25mm	11158
PC-3825-4	33 to 38	25mm	13235
PC-5025-4	39 to 50	25mm	17391
PC-6025-4	51 to 60	25mm	20853
PC-7025-4	61 to 70	25mm	24316
PC-8025-4	71 to 80	25mm	27702
PC-9025-4	81 to 90	25mm	31242
PC-10025-4	91 to 100	25mm	34781

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



Also Available in PCD

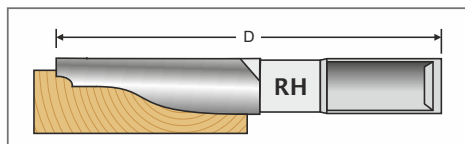


Application : Perfect For Solid Wood & Panel Materials From Min.:18mm

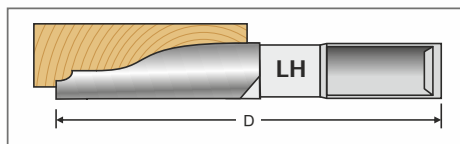
Use On : Spindle Moulder Machines

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

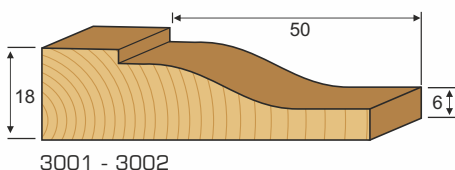


Cutter Head with Wood Above

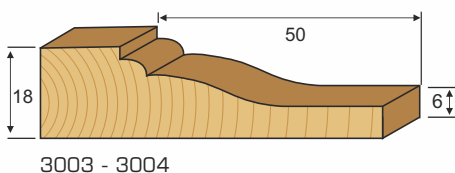


Common Factor For All Cutters

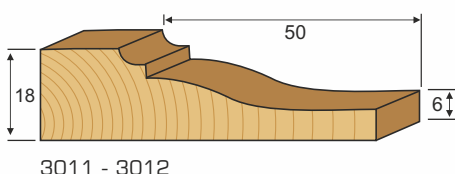
DIA (mm)	BORE (MM)
175	30/35



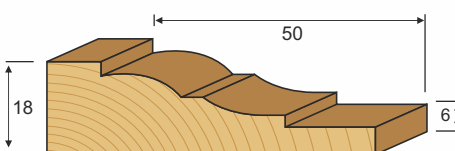
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1019-R3	6924	3 (RH)	ATB.PC. 16.1019-R4	4 (RH)	8462
40X18	ATB.PC. 16.1019-L3	6924	3 (LH)	ATB.PC. 16.1019-L4	4 (LH)	8462
50X18	ATB.PC. 16.1020-R3	7693	3 (RH)	ATB.PC. 16.1020-R4	4 (RH)	9232
50X18	ATB.PC. 16.1020-L3	7693	3 (LH)	ATB.PC. 16.1020-L4	4 (LH)	9232



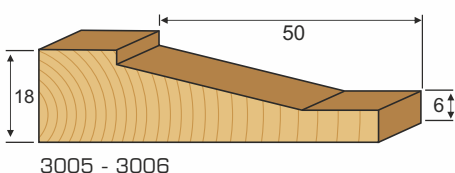
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1021-R3	6924	3 (RH)	ATB.PC. 16.1021-R4	4 (RH)	8462
40X18	ATB.PC. 16.1021-L3	6924	3 (LH)	ATB.PC. 16.1021-L4	4 (LH)	8462
50X18	ATB.PC. 16.1022-R3	7693	3 (RH)	ATB.PC. 16.1022-R4	4 (RH)	9232
50X18	ATB.PC. 16.1022-L3	7693	3 (LH)	ATB.PC. 16.1022-L4	4 (LH)	9232



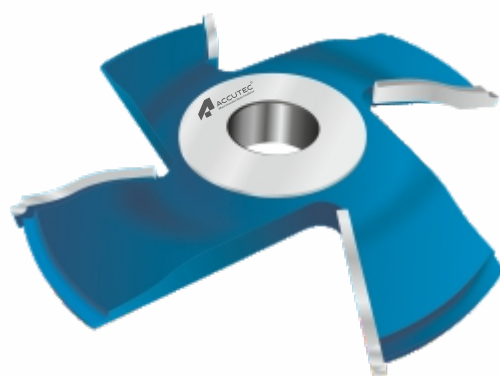
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1023-R3	6924	3 (RH)	ATB.PC. 16.1023-R4	4 (RH)	8462
40X18	ATB.PC. 16.1023-L3	6924	3 (LH)	ATB.PC. 16.1023-L4	4 (LH)	8462
50X18	ATB.PC. 16.1024-R3	7693	3 (RH)	ATB.PC. 16.1024-R4	4 (RH)	9232
50X18	ATB.PC. 16.1024-L3	7693	3 (LH)	ATB.PC. 16.1024-L4	4 (LH)	9232



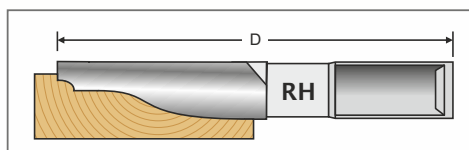
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1025-R3	6924	3 (RH)	ATB.PC. 16.1025-R4	4 (RH)	8462
40X18	ATB.PC. 16.1025-L3	6924	3 (LH)	ATB.PC. 16.1025-L4	4 (LH)	8462
50X18	ATB.PC. 16.1026-R3	7693	3 (RH)	ATB.PC. 16.1026-R4	4 (RH)	9232
50X18	ATB.PC. 16.1026-L3	7693	3 (LH)	ATB.PC. 16.1026-L4	4 (LH)	9232



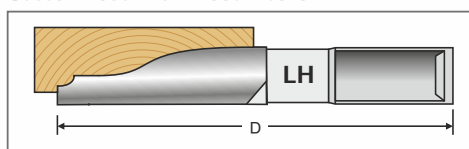
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1027-R3	6924	3 (RH)	ATB.PC. 16.1027-R4	4 (RH)	8462
40X18	ATB.PC. 16.1027-L3	6924	3 (LH)	ATB.PC. 16.1027-L4	4 (LH)	8462
50X18	ATB.PC. 16.1028-R3	7693	3 (RH)	ATB.PC. 16.1028-R4	4 (RH)	9232
50X18	ATB.PC. 16.1028-L3	7693	3 (LH)	ATB.PC. 16.1028-L4	4 (LH)	9232



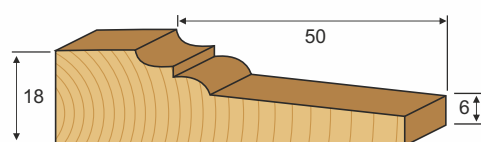
Cutter Head with Wood Underneath



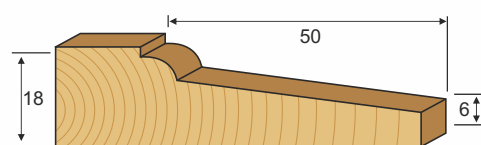
Cutter Head with Wood Above


**Common Factor For
All Cutters**

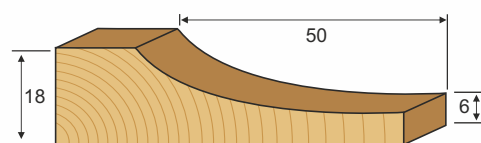
DIA (mm)	BORE (MM)
175	30/35



PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1029-R3	6924	3 (RH)	ATB.PC. 16.1029-R4	4 (RH)	8462
40X18	ATB.PC. 16.1029-L3	6924	3 (LH)	ATB.PC. 16.1029-L4	4 (LH)	8462
50X18	ATB.PC. 16.1030-R3	7693	3 (RH)	ATB.PC. 16.1030-R4	4 (RH)	9232
50X18	ATB.PC. 16.1030-L3	7693	3 (LH)	ATB.PC. 16.1030-L4	4 (LH)	9232

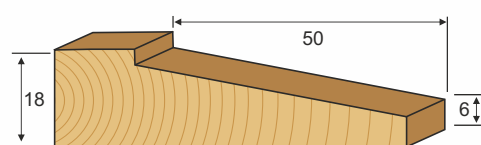


PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1031-R3	6924	3 (RH)	ATB.PC. 16.1031-R4	4 (RH)	8462
40X18	ATB.PC. 16.1031-L3	6924	3 (LH)	ATB.PC. 16.1031-L4	4 (LH)	8462
50X18	ATB.PC. 16.1032-R3	7693	3 (RH)	ATB.PC. 16.1032-R4	4 (RH)	9232
50X18	ATB.PC. 16.1032-L3	7693	3 (LH)	ATB.PC. 16.1032-L4	4 (LH)	9232



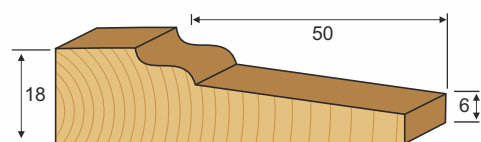
3009 - 3010

PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1033-R3	6924	3 (RH)	ATB.PC. 16.1033-R4	4 (RH)	8462
40X18	ATB.PC. 16.1033-L3	6924	3 (LH)	ATB.PC. 16.1033-L4	4 (LH)	8462
50X18	ATB.PC. 16.1034-R3	7693	3 (RH)	ATB.PC. 16.1034-R4	4 (RH)	9232
50X18	ATB.PC. 16.1034-L3	7693	3 (LH)	ATB.PC. 16.1034-L4	4 (LH)	9232

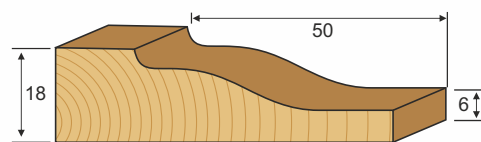


3013 - 3014

PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1035-R3	6924	3 (RH)	ATB.PC. 16.1035-R4	4 (RH)	8462
40X18	ATB.PC. 16.1035-L3	6924	3 (LH)	ATB.PC. 16.1035-L4	4 (LH)	8462
50X18	ATB.PC. 16.1036-R3	7693	3 (RH)	ATB.PC. 16.1036-R4	4 (RH)	9232
50X18	ATB.PC. 16.1036-L3	7693	3 (LH)	ATB.PC. 16.1036-L4	4 (LH)	9232



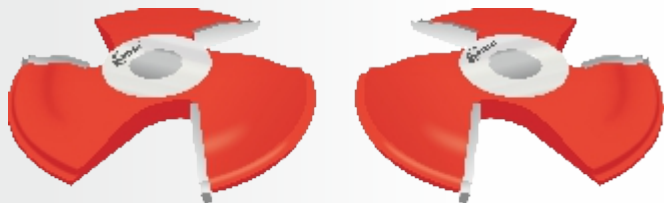
PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1037-R3	6924	3 (RH)	ATB.PC. 16.1037-R4	4 (RH)	8462
40X18	ATB.PC. 16.1037-L3	6924	3 (LH)	ATB.PC. 16.1037-L4	4 (LH)	8462
50X18	ATB.PC. 16.1038-R3	7693	3 (RH)	ATB.PC. 16.1038-R4	4 (RH)	9232
50X18	ATB.PC. 16.1038-L3	7693	3 (LH)	ATB.PC. 16.1038-L4	4 (LH)	9232



PROFILE SIZE (mm)	ORDER NO.	PRICE	Z	ORDER NO.	Z	PRICE
40X18	ATB.PC. 16.1039-R3	6924	3 (RH)	ATB.PC. 16.1039-R4	4 (RH)	8462
40X18	ATB.PC. 16.1039-L3	6924	3 (LH)	ATB.PC. 16.1039-L4	4 (LH)	8462
50X18	ATB.PC. 16.1040-R3	7693	3 (RH)	ATB.PC. 16.1040-R4	4 (RH)	9232
50X18	ATB.PC. 16.1040-L3	7693	3 (LH)	ATB.PC. 16.1040-L4	4 (LH)	9232

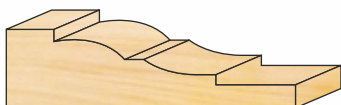
Economic Panel Raised Cutter

NEW ADDED



Right Side Pic.

Left Side Pic.



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction	PRICE
PC-101-RH	175	25.4	50x18	3T	Right	3078
PC-101-LH	175	25.4	50x18	3T	Left	3078



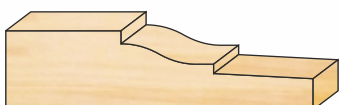
Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction	PRICE
PC-102-RH	175	25.4	50x18	3T	Right	3078
PC-102-LH	175	25.4	50x18	3T	Left	3078



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction	PRICE
PC-103-RH	175	25.4	50x18	3T	Right	3078
PC-103-LH	175	25.4	50x18	3T	Left	3078



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction	PRICE
PC-104-RH	175	25.4	50x18	3T	Right	3078
PC-104-LH	175	25.4	50x18	3T	Left	3078



Code No.	Dia (mm)	Bore (mm)	Wood Size (mm)	Teeth	Direction	PRICE
PC-105-RH	175	25.4	50x18	3T	Right	3078
PC-105-LH	175	25.4	50x18	3T	Left	3078

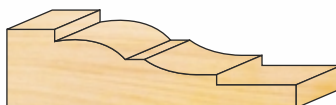
Economic Panel Profile Cutter

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)	Price
PPC-101.40-R	Right	PPC-101.40-L	Left	40x18	4309
PPC-101.50-R	Right	PPC-101.50-L	Left	50x18	5079



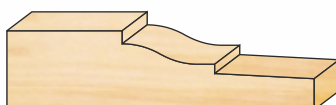
Code No.	Direction	Code No.	Direction	Wood Size (mm)	Price
PPC-102.40-R	Right	PPC-102.40-L	Left	40x18	4309
PPC-102.50-R	Right	PPC-102.50-L	Left	50x18	5079



Code No.	Direction	Code No.	Direction	Wood Size (mm)	Price
PPC-103.40-R	Right	PPC-103.40-L	Left	40x18	4309
PPC-103.50-R	Right	PPC-103.50-L	Left	50x18	5079



Code No.	Direction	Code No.	Direction	Wood Size (mm)	Price
PPC-104.40-R	Right	PPC-104.40-L	Left	40x18	4309
PPC-104.50-R	Right	PPC-104.50-L	Left	50x18	5079



Code No.	Direction	Code No.	Direction	Wood Size (mm)	Price
PPC-105.40-R	Right	PPC-105.40-L	Left	40x18	4309
PPC-105.50-R	Right	PPC-105.50-L	Left	50x18	5079

Economic Profile Cutter

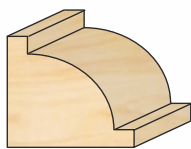
NEW ADDED


Common Factor For All Cutters

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



Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-101-01	33x12	38	4078
MB-101-02	33x15	38	4078
MB-101-03	45x14	50	5310



Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-104-01	10x10	19	2078
MB-104-02	11x11	25	2693
MB-104-03	12x12	25	2693
MB-104-04	13x13	25	2693
MB-104-05	14x14	32	3386
MB-104-06	15x15	32	3386
MB-104-07	16x16	35	3771
MB-104-08	17x17	35	3771
MB-104-09	18x18	38	4078
MB-104-10	19x19	38	4078



Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-105-11	19x5	25	2693
MB-105-12	19x6	25	2693
MB-105-13	20x5	25	2693
MB-105-14	20x6	25	2693
MB-105-15	20x7	25	2693
MB-105-16	20x8	30	3232
MB-105-17	21x5	30	3232
MB-105-18	21x6	30	3232
MB-105-19	21x7	30	3232
MB-105-20	21x8	30	3232
MB-105-21	22x5	32	3386
MB-105-22	22x6	32	3386
MB-105-23	22x7	32	3386
MB-105-24	22x8	32	3386
MB-105-25	25x5	32	3386
MB-105-26	25x6	32	3386
MB-105-27	25x7	32	3386
MB-105-28	25x8	32	3386
MB-105-29	30x5	38	4078
MB-105-30	30x6	38	4078
MB-105-31	30x7	38	4078
MB-105-32	30x8	38	4078
MB-105-33	32x5	38	4078
MB-105-34	32x6	38	4078
MB-105-35	32x7	38	4078
MB-105-36	32x8	38	4078
MB-105-37	35x5	45	4771
MB-105-38	35x6	45	4771
MB-105-39	35x7	45	4771
MB-105-40	35x8	45	4771
MB-105-41	35x10	45	4771



Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-102-01	36x10	38	4078
MB-102-02	48x10	50	5310

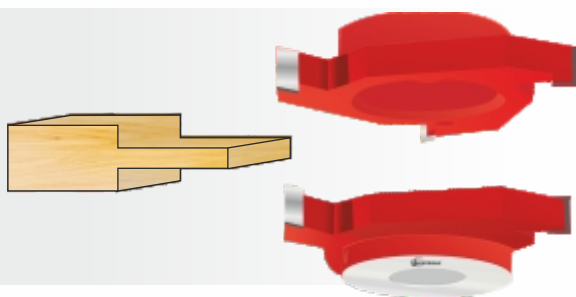


Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-105-01	12x5	19	2078
MB-105-02	12x6	19	2078
MB-105-03	15x5	22	2385
MB-105-04	15x6	22	2385
MB-105-05	16x5	22	2385
MB-105-06	16x6	22	2385
MB-105-07	17x5	25	2693
MB-105-08	17x6	25	2693
MB-105-09	18x5	25	2693
MB-105-10	18x6	25	2693



Code No.	Wood Size (mm)	Cutter Thickness	Price
MB-103-01	33x14	38	4078
MB-103-02	45x14	50	5310

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



Code No.	Dia (mm)	Bore (mm)	Thickness (mm)	Teeth	Key Way	Price
TC-101	150	1"	25	3	6x3	8924
TC-102	200	1"	25	3	6x3	13078

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	Price
760	6mm	90°	770
761	8mm	90°	923
762	10mm	90°	1077
763	12mm	90°	1231
764	15mm	90°	2001
765	19mm	90°	2770
766	25mm	90°	3694

» Champhering Cutter - 767 to 773-L

Common Factor For All Cutters

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

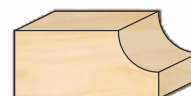


Code No.	Thickness	Degree	Price
767	8mm	45°	1231
768	10mm	45°	1385
769	12mm	45°	1462
770	15mm	45°	2001
771	19mm	45°	2309
772	25mm	45°	3386
773	32mm	45°	4771
(Left) 767-L	8mm	45°	1231
(Left) 768-L	10mm	45°	1385
(Left) 769-L	12mm	45°	1462
(Left) 770-L	15mm	45°	2001
(Left) 771-L	19mm	45°	2309
(Left) 772-L	25mm	45°	3386
(Left) 773-L	32mm	45°	4771

» 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	Price
774	10mm	10 ^R	1385
775	12mm	12 ^R	1770
776	15mm	15 ^R	2539
777	19mm	19 ^R	3771
778	25mm	25 ^R	5617
779	32mm	32 ^R	7233
(Left) 774-L	10mm	10 ^R	1385
(Left) 775-L	12mm	12 ^R	1770
(Left) 776-L	15mm	15 ^R	2539
(Left) 777-L	19mm	19 ^R	3771
(Left) 778-L	25mm	25 ^R	5617
(Left) 779-L	32mm	32 ^R	7233

» Full Radius Cutter - 780 to 786

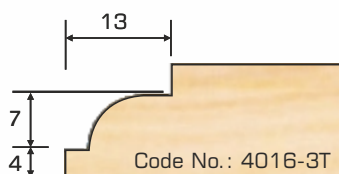
Common Factor For All Cutters

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



Code No.	Thickness	Degree	Price
780	6mm	3 ^R	885
781	8mm	4 ^R	962
782	10mm	5 ^R	1077
783	12mm	6 ^R	1539
784	15mm	7.5 ^R	2155
785	19mm	9.5 ^R	2770
786	25mm	12.5 ^R	4001

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



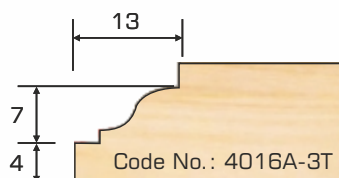
Right Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015-3TR	110	1 1/4"	13x8x4	Right	3	1431
4016-3TR	110	1 1/4"	13x7x4	Right	3	1477
4015-4TR	110	1 1/4"	13x8x4	Right	4	1808
4016-4TR	110	1 1/4"	13x7x4	Right	4	1847

Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015-3TL	110	1 1/4"	13x8x4	Left	3	1431
4016-3TL	110	1 1/4"	13x7x4	Left	3	1477
4015-4TL	110	1 1/4"	13x8x4	Left	4	1808
4016-4TL	110	1 1/4"	13x7x4	Left	4	1847

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



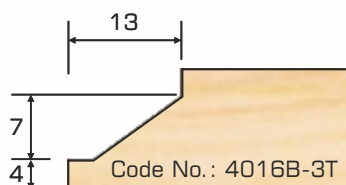
Right Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015A-3TR	110	1 1/4"	13x8x4	Right	3	1662
4016A-3TR	110	1 1/4"	13x7x4	Right	3	1708
4015A-4TR	110	1 1/4"	13x8x4	Right	4	2093
4016A-4TR	110	1 1/4"	13x7x4	Right	4	2139

Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015A-3TL	110	1 1/4"	13x8x4	Left	3	1662
4016A-3TL	110	1 1/4"	13x7x4	Left	3	1708
4015A-4TL	110	1 1/4"	13x8x4	Left	4	2093
4016A-4TL	110	1 1/4"	13x7x4	Left	4	2139

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



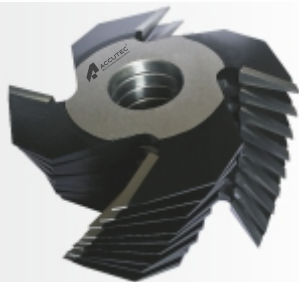
Right Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015B-3TR	110	1 1/4"	13x8x4	Right	3	1662
4016B-3TR	110	1 1/4"	13x7x4	Right	3	1708
4015B-4TR	110	1 1/4"	13x8x4	Right	4	2093
4016B-4TR	110	1 1/4"	13x7x4	Right	4	2139

Left Side Direction

Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth	Price
4015B-3TL	110	1 1/4"	13x8x4	Left	3	1662
4016B-3TL	110	1 1/4"	13x7x4	Left	3	1708
4015B-4TL	110	1 1/4"	13x8x4	Left	4	2093
4016B-4TL	110	1 1/4"	13x7x4	Left	4	2139

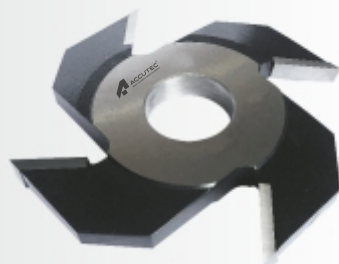
Finger Joint Cutter - ATB.FJ.25



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth	Price
ATB.FJ.25.1093	5	15	125	31.75	4T	1308
ATB.FJ.25.1093-A	5	15	125	40	4T	1308
ATB.FJ.25.1094	7	22	125	31.75	4T	1693
ATB.FJ.25.1094-AA	7	22	125	40	4T	1693
ATB.FJ.25.1094-A	10	25	125	31.75	4T	2309

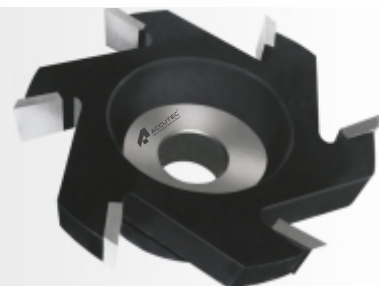


Solder Cutter - ATB.SLD.25



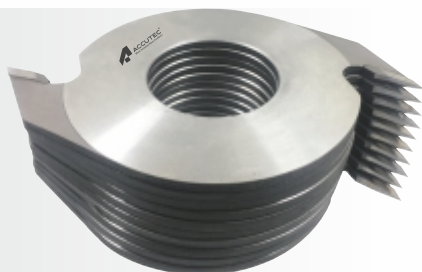
Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth	Price
ATB.SLD.25.101	5/10	15	125	31.75	4T	3386
ATB.SLD.25.101-A	5/10	15	125	40	4T	3386
ATB.SLD.25.102	7/12	22	125	31.75	4T	4925
ATB.SLD.25.102-A	7/12	22	125	40	4T	4925
ATB.SLD.25.103	10/14	25	125	31.75	4T	6002

Facing Cutter - ATB.FC.25



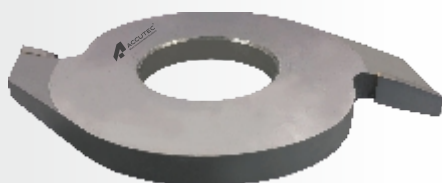
Code No.	Dia (inch)	Bore (mm)	Carbide Thickness (mm)	Body Thickness (mm)	Teeth	Price
ATB.FC.25.101	5"	25.4	18	38	6	6464
ATB.FC.25.102	6½"	25.4	18	38	6	6772
ATB.FC.25.103	7"	25.4	18	38	6	7387

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



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth	Price
ATB.FJ.26.1095	4	13	160	50	2	1385
ATB.FJ.26.1095-Z4	4	13	160	50	4	1847
ATB.FJ.26.1095-A	5	15	160	50	4	3078
ATB.FJ.26.1095-B	6	22	160	50	4	3386
ATB.FJ.26.1095-C	7	22	160	50	4	3386

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



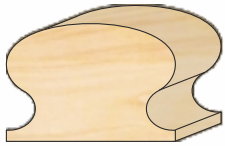
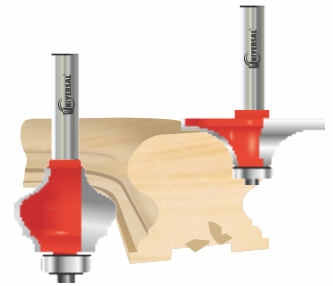
Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth	Price
ATB.SLD.25.104	4/10	13	160	50	2	4309
ATB.SLD.25.105	4/10	13	160	50	4	5540

Railing Cutter - 1201 to 1205-B



» Router Bits For Railing

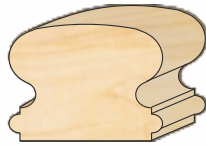
Also Available Router Bits For Railing



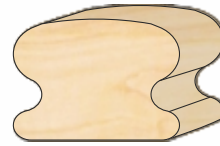
No.: 1201 (70x45)
No.: 1201-A (70x60)
No.: 1201-B (90x70)



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)



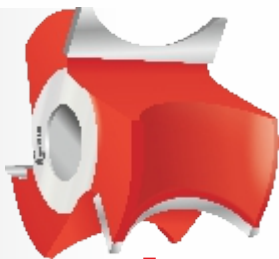
No.: 1205 (70x45)
No.: 1205-A (70x60)
No.: 1205-B (90x70)

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

Code No.	Wood Size (mm)	Dia (mm)	Bore (inch)	Teeth	Price
1201	70 x 45	110	1"	3	9003
1201-A	70 x 60	110	1"	3	10927
1201-B	90 x 70	110	1"	3	12543
1202	70 x 45	110	1"	3	9003
1202-A	70 x 60	110	1"	3	10927
1202-B	90 x 70	110	1"	3	12543
1203	70 x 45	110	1"	3	9003
1203-A	70 x 60	110	1"	3	10927
1203-B	90 x 70	110	1"	3	12543
1204	70 x 45	110	1"	3	9003
1204-A	70 x 60	110	1"	3	10927
1204-B	90 x 70	110	1"	3	12543
1205	70 x 45	110	1"	3	9003
1205-A	70 x 60	110	1"	3	10927
1205-B	90 x 70	110	1"	3	12543

Railing Router Bit Set

Code No.	Wood Size (mm)	Shank	Price
RB1201	70 x 45	12	6618
RB1201-A	70 x 60	12	7464
RB1201-B	90 x 70	12	8465
RB1202	70 x 45	12	6618
RB1202-A	70 x 60	12	7464
RB1202-B	90 x 70	12	8465
RB1203	70 x 45	12	6618
RB1203-A	70 x 60	12	7464
RB1203-B	90 x 70	12	8465
RB1204	70 x 45	12	6618
RB1204-A	70 x 60	12	7464
RB1204-B	90 x 70	12	8465
RB1205	70 x 45	12	6618
RB1205-A	70 x 60	12	7464
RB1205-B	90 x 70	12	8465



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

Code No.	Wood Size (mm)	Dia (mm)	Bore (inch)	Teeth	Price
RC-TOP-1	70 x 45	110	1"	3	13389
RC-TOP-2	70 x 60	110	1"	3	13389
RC-TOP-3	90 x 70	110	1"	3	16083

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	Price
AT.BS.3500.27.13	3500	1.3	0.90	27	22TPI	8234
AT.BS.4570.27.14	4570	1.4	0.90	27	22TPI	10773
AT.BS.4615.50.14	4615	1.4	0.90	50	22TPI	10773
AT.BS.5200.54.14	5200	1.4	0.90	54	22TPI	12004
AT.BS.6224.60.18	6224	1.8	1.05	60	22TPI	14467
AT.BS.7010.60.18	7010	1.8	1.05	60	22TPI	16160
AT.BS.7087.60.18	7087	1.8	1.05	60	22TPI	16467
AT.BS.9601.60.20	9601	2.0	1.05	60	22TPI	22162

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



Code No. : WTL - 01
PRICE : 4925/-

4 Pcs - 1 set



TCT Hand Tools with Replaceable Knife For Wood Turning Lathe

NEW ADDED



WTL.RP.101 - 4 Pcs Set
Price - 6464



A SPARE PARTS



CODE NO.: WTL.RP.AK
Knife - 15x15x2.5x30° - **PRICE - 539**



CODE NO.: WTL.RP.AS
Screw - M6*10 - **PRICE - 123**

B SPARE PARTS



CODE NO.: WTL.RP.BK
Knife - 16 x 3 x30° - **PRICE - 331**



CODE NO.: WTL.RP.BS
Screw - M5*8 - **PRICE - 123**

C SPARE PARTS



CODE NO.: WTL.RP.CK
Knife - 15x15x2.5x30° R50 - **PRICE - 539**



CODE NO.: WTL.RP.CS
Screw - M6*10 - **PRICE - 123**

D SPARE PARTS

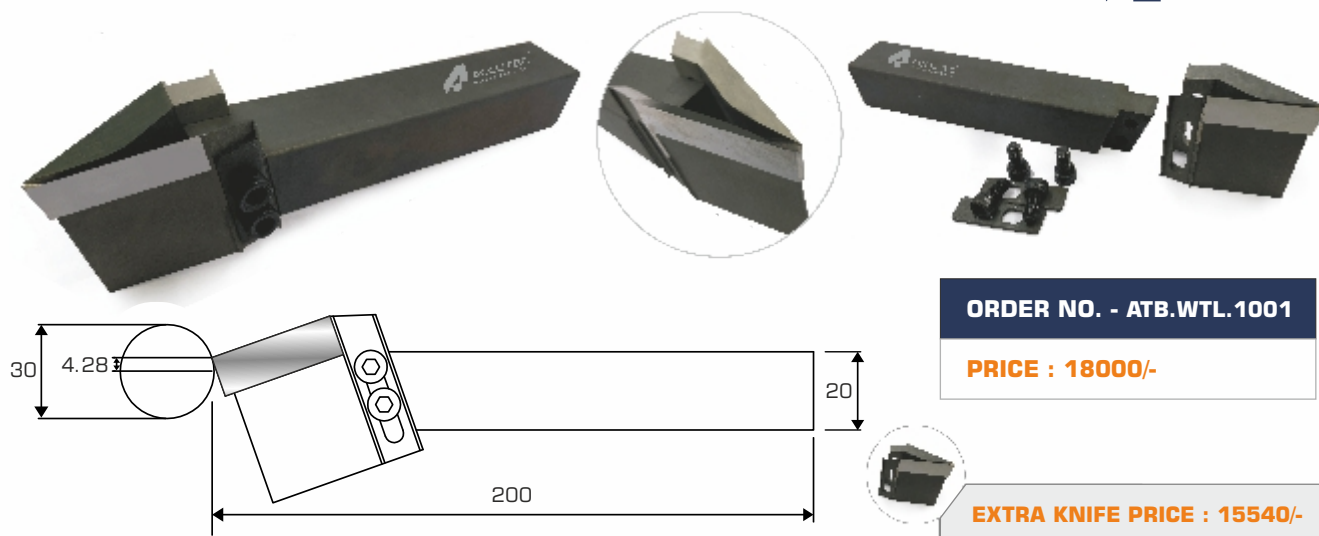


CODE NO.: WTL.RP.DK
Knife - 28 x 2.48 - **PRICE - 539**



CODE NO.: WTL.RP.DS
Screw - M4*8 - **PRICE - 123**

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



ORDER NO. - ATB.WTL.1001

PRICE : 18000/-

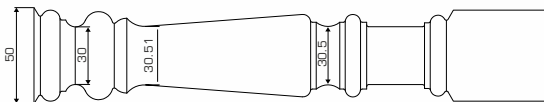
EXTRA KNIFE PRICE : 15540/-

» 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.

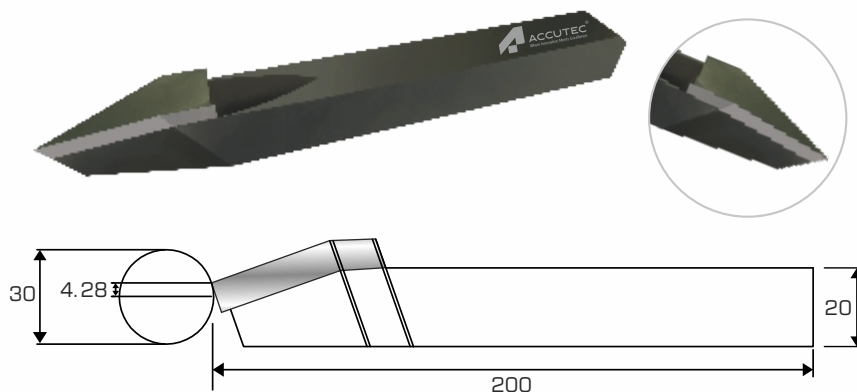
» The upper edge of the knife edge is up-adjusted and the knife edge is lowered downward. When the diameter of the smallest product is 30mm, the total is 30mm divided by 7 = 4.28mm, and then our is 4.28 mm higher than the center point, so that the processing effect is optimal, more durable.

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

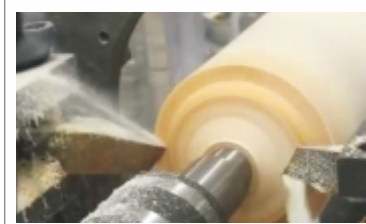


T.C.T. Tool For CNC Wood Turning Lathe (Brazed)



ORDER NO. - ATB.WTL.1002

PRICE : 10462/-



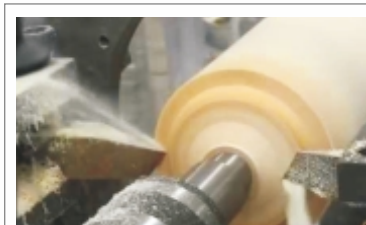
H.S.S. Tool For CNC Wood Turning Lathe



3 PCS SET

ORDER NO. - ATB.WTL.1003

PRICE : 10770/-



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)	Price
986	1/4"	40	210	1154
987	3/8"	60	210	1154
988	5/16"	60	210	1154
989	7/16"	75	210	1154
990	1/2"	75	210	1154
991	5/8"	90	210	2001
992	3/4"	90	210	2539
993	1"	90	210	3463
994	3/8"	75	210	1231
996	7/8"	90	210	3078
997	1 1/16"	90	210	2770
998	1 3/16"	90	210	2770

(Only Augar Bit)

Code No.	Augar Size	Price
986A	1/4"	462
987A	3/8"	462
988A	5/16"	462
989A	7/16"	462
990A	1/2"	462
991A	5/8"	770



Chisel Spocket



Code No.
CS-101 : 1231/-



Code No.
CS-102 : 923/-

High Performance Mortise Chisel & Bit Sets

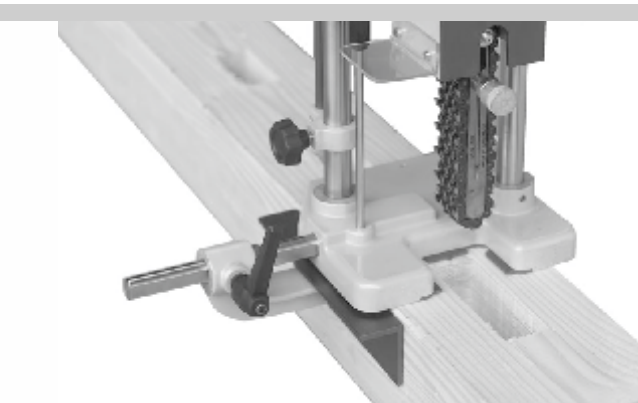
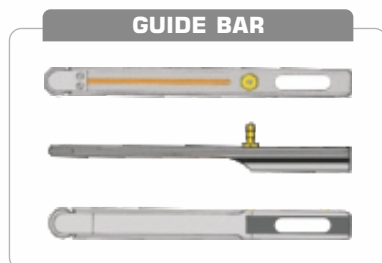


Premium Series

ORDER NO.	C.D. (mm)	C.L. (mm)	O.A.L. (mm)	PRICE
AT.CB. 1. 4. 40	1/4"	40	210	1847
AT.CB. 3. 8. 60	3/8"	60	210	2001
AT.CB. 5. 16. 60	5/16"	60	210	1847
AT.CB. 7. 16. 60	7/16"	60	210	2001
AT.CB. 1. 2. 75	1/2"	75	210	2001
AT.CB. 5. 8. 90	5/8"	90	210	2924
AT.CB. 3. 4. 90	3/4"	90	210	3694
AT.CB. 01. 90	1"	90	210	4617



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	Price
977	1/4"	Guide Bar & Gear	5540
978	5/16"	Guide Bar & Gear	5540
979	3/8"	Guide Bar & Gear	4617
980	7/16"	Guide Bar & Gear	4617
981	1/2 "	Guide Bar & Gear	4617
982	5/8"	Guide Bar & Gear	5848
983	3/4"	Guide Bar & Gear	6926
984	1"	Guide Bar & Gear	7695
985	1 1/4"	Guide Bar & Gear	9850

T.C.T. Chain Set

Code No.	Chain Thickness	With	Price
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	1 1/4"	Guide Bar & Gear	- - -

H.C.S. Only Chain

Code No.	Chain Size	Price
CHO-977	1/4"	3848
CHO-978	5/16"	3848
CHO-979	3/8"	3386
CHO-980	7/16"	3386
CHO-981	1/2 "	3386
CHO-982	5/8"	3848
CHO-983	3/4"	4309
CHO-984	1"	5002
CHO-985	1 1/4"	6002

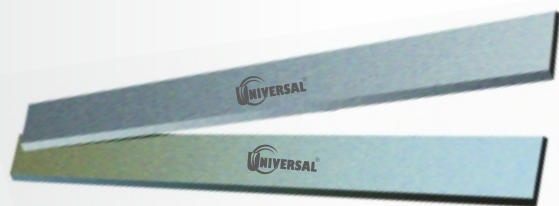
Guide Bar (Extra Accessories)

Code No.	Chain Size	Price
GID-977	1/4"	1924
GID-978	5/16"	1924
GID-979	3/8"	1924
GID-980	7/16"	1924
GID-981	1/2 "	1924
GID-982	5/8"	2155
GID-983	3/4"	3232
GID-984	1"	3848
GID-985	1 1/4"	4309

Sprocket (Extra Accessories)

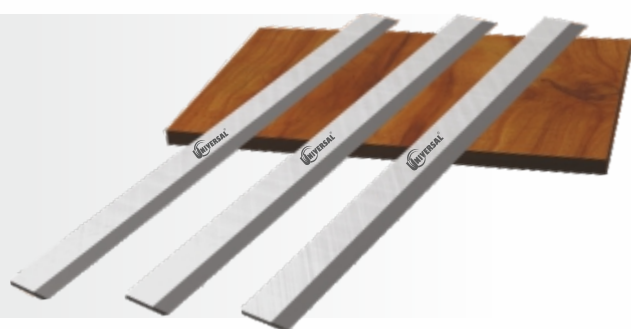
Code No.	Chain Size	Price
SPO-977	1/4"	462
SPO-978	5/16"	462
SPO-979	3/8"	462
SPO-980	7/16"	462
SPO-981	1/2 "	462
SPO-982	5/8"	539
SPO-983	3/4"	616
SPO-984	1"	770
SPO-985	1 1/4"	923

■ Solid Carbide Planer Knife - 951 to 954



Code No.	Length	Width (mm)	Thickness (mm)	Price
951	9"	22	2.5	---
952	10"	22	2.5	---
953	12"	22	2.5	---
954	13"	22	2.5	---

■ T.C.T. Brazed Planer Knife 959 to 966-A



Code No.	Length	Width (mm)	Thick (mm)	Price
959	9"	30	3	1801
960	10"	30	3	2001
961-A	11"	30	3	2201
961	12"	30	3	2401
962	13"	30	3	2601
963	15"	30	3	3001
963-A	16"	30	3	3201
964	18"	30	3	3601
964-A	20"	30	3	4001
965	24"	30	3	4802
966	10"	30	5	2155
967	12"	30	5	2586
968	13"	30	5	2801

Code No.	Size	Price
959-A	50x30x3mm	539
959-B	75x30x3mm	808
959-C	100x30x3mm	1077
959-D	125x30x3mm	1347
959-E	130x30x3mm	1539
959-F	150x30x3mm	1616
959-G	200x30x3mm	2155
966-A	50X30X5mm	539

■ 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	Price
976	82	30	3	Hitachi-F20A M/C	346
976-A	82	30	3	Makita 1900B M/C	346
976-AA	82	30	3	Hitachi & Makita	346

■ HSS Planer Blade



959-HSS to 965-HSS

Code No.	Length	Width (mm)	Thick (mm)	Price
959-HSS	9"	30	3	416
960-HSS	10"	30	3	462
961-HSS	12"	30	3	554
962-HSS	13"	30	3	600
963-HSS	15"	30	3	693
964-HSS	18"	30	3	831
964-A-HSS	20"	30	3	923
965-HSS	24"	30	3	1108

Resin Bonded Diamond Grinding Wheel - 801 to D835

HIGH PERFORMANCE

» Flat Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
801	150	1 1/4"	6	3	1077
802	150	1 1/4"	8	3	1231
803	150	1 1/4"	10	3	1308
804	150	1 1/4"	12	3	1539

» Radius Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
805	125	1 1/4"	6	3	1616
806	125	1 1/4"	8	3	1847
807	125	1 1/4"	10	3	2309
808	125	1 1/4"	12	3	2616

» Dish Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
809-A	125	1 1/4"	6	2	885
809	125	1 1/4"	6	3	923
810	125	1 1/4"	10	3	1000
811	150	1 1/4"	6	3	1116
812	150	1 1/4"	10	3	1231

» Thin Dish Wheel (for Saw blade face grinding)



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
819	125	1 1/4"	6	1.5	2155
820	125	1 1/4"	6	2	2616
821	150	1 1/4"	6	1.5	2616
822	150	1 1/4"	6	2	3001
823	150	20 mm	6	2	3001

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
813-A	100	1 1/4"	10	3	885
813-B	125	1 1/4"	10	3	1154

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
813	150	1 1/4"	10	3	1231
814	150	1 1/4"	19	3	1539
814-A	150	20mm	6	2	3078

» Degree Wheel-90°



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)	Price
815	125	1 1/4"	6	3	1693
816	125	1 1/4"	8	3	1924
817	125	1 1/4"	10	3	2309
818	125	1 1/4"	12	3	2770

» Hand Grinder Wheel

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



Code No.	Dia (mm)	Bore (mm)	Thick (mm)	X (mm)	Price
D835	100	20	6	2	770

T.C.T. Premium Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE



Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
UT.SBC.43018	4"	30	1.8	20	462
UT.SBC.44018	4"	40	1.8	20	593
UT.SBC.53018	5"	30	1.8	20	500
UT.SBC.54018	5"	40	1.8	20	616
UT.SBC.64020	6"	40	2.0	25.4	870
UT.SBC.66020	6"	60	2.0	25.4	1170
UT.SBC.74022	7"	40	2.2	25.4	1031
UT.SBC.76022	7"	60	2.2	25.4	1385
UT.SBC.84024	8"	40	2.4	25.4	1170
UT.SBC.86024	8"	60	2.4	25.4	1539
UT.SBC.104028	10"	40	2.8	25.4	1793
UT.SBC.106028	10"	60	2.8	25.4	2332
UT.SBC.124032	12"	40	3.2	25.4	2616
UT.SBC.126032	12"	60	3.2	25.4	3232
UT.SBC.146034	14"	60	3.4	25.4	4001

New T.C.T. Saw Blade for Aluminum Cutting

UT.SBA.108030	10"	80	3.0	25.4	2462
UT.SBA.1010030	10"	100	3.0	25.4	2924
UT.SBA.1210032	12"	100	3.2	25.4	3694
UT.SBA.1212032	12"	120	3.2	25.4	4155
UT.SBA.1412034	14"	120	3.4	25.4	5387

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

HIGH PERFORMANCE SAW BLADE



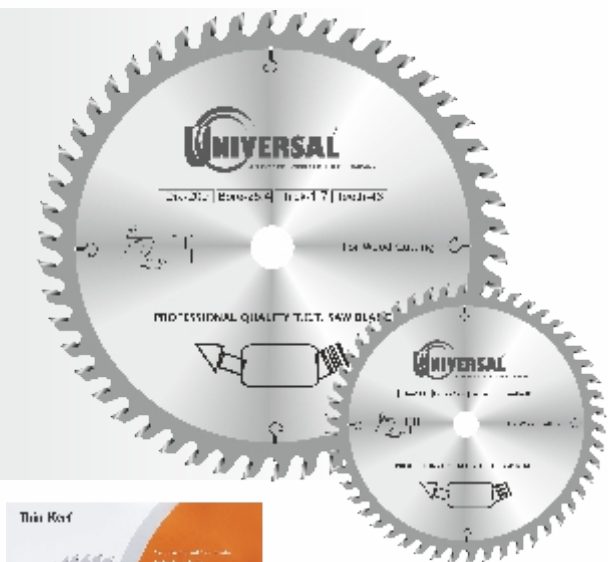
Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
AT.SBC.044016	110	40	1.6	20.0	562
AT.SBC.054016	125	40	1.6	20.0	631
AT.SBC.074018	180	40	1.8	25.4	808
AT.SBC.084020	200	40	2.0	25.4	1123
AT.SBC.104825	250	48	2.5	25.4	1754
AT.SBC.124832	300	48	3.2	25.4	3001

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

HIGH PERFORMANCE SAW BLADE

Universal Thin Kerf T.C.T. Saw Blade

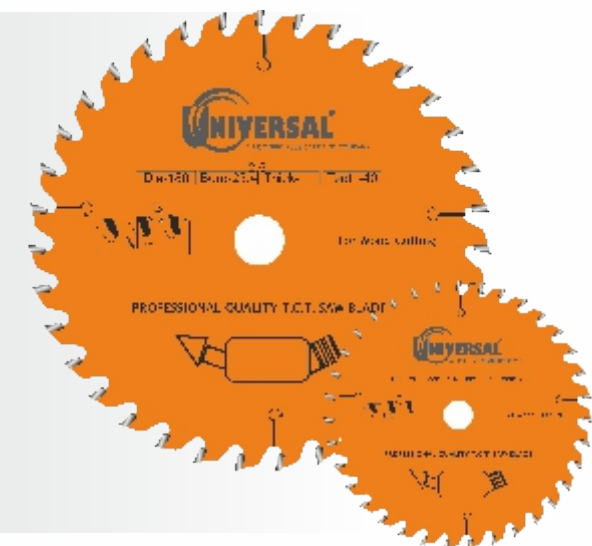
Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
702	4"	40	1.5	20	739
703	5"	40	1.5	20	785
704	7"	40	1.5	25.4	1077
705	7"	60	1.5	25.4	1501
706	8"	48	1.7	25.4	1616
707	10"	48	2.0	25.4	2770



T.C.T. Economic Series Circular Saw Blade

Universal Economic Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
711	4"	30	2.0	20	285
712	4"	40	2.0	20	331
713	5"	30	2.2	20	308
714	5"	40	2.2	20	354
715A	6"	40	2.5	25.4	539
715	7"	40	2.5	25.4	577
716	7"	60	2.5	25.4	754
717	8"	40	2.5	25.4	654
718	8"	60	2.5	25.4	831
719	10"	40	2.8	25.4	923
720	10"	60	2.8	25.4	1139
721	12"	40	3.0	25.4	1424
722	12"	60	3.0	25.4	1731
722A	14"	60	3.0	25.4	2193

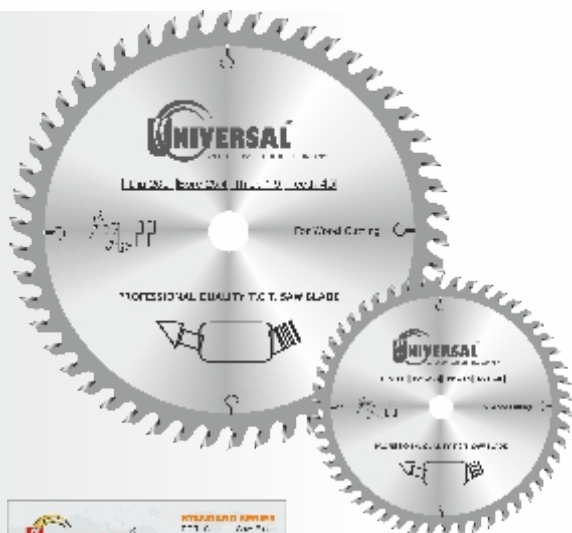


T.C.T. Standard Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE

Universal Standard Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
723A	4"	30	1.8	20	331
723	4"	40	1.8	20	423
724A	5"	30	1.8	20	369
724	5"	40	1.8	20	477
725A	6"	60	1.8	25.4	770
725	7"	40	1.8	25.4	631
726	7"	60	1.8	25.4	839
727	8"	40	1.9	25.4	723
728	8"	60	1.9	25.4	946
729	10"	40	2.6	25.4	1262
730	10"	60	2.6	25.4	1508
731	12"	40	3.2	25.4	1754
732	12"	60	3.2	25.4	2278
733	14"	60	3.2	25.4	2524



New T.C.T. Saw Blade for Aluminum Cutting

748	5"	48	2.2	20.0	846
749	7"	80	2.4	25.4	1616
750	8"	80	2.6	25.4	1693
751	10"	80	2.8	25.4	2462
752	10"	100	2.8	25.4	2616
753	12"	100	3.0	25.4	3694
754	12"	120	3.0	25.4	4155
755	14"	120	3.0	25.4	4540

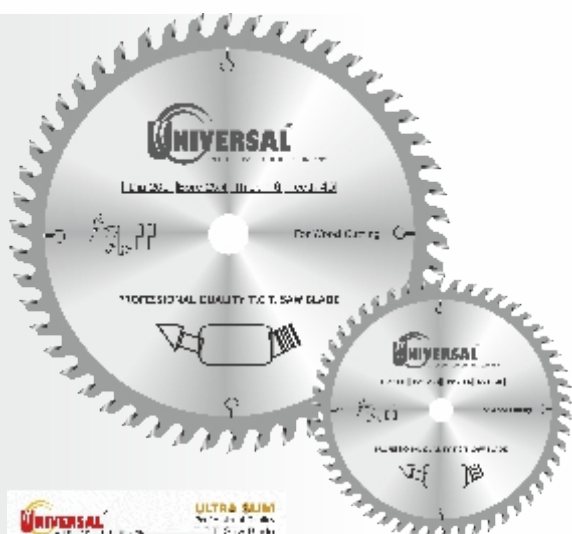


T.C.T. Ultra Slim Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE

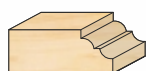
Universal Ultra Slim Series T.C.T. Saw Blade

Code No.	Dia	Teeth	Thick (mm)	Bore (mm)	Price
Slim-43016	4"	30	1.6	20	423
Slim-44016	4"	40	1.6	20	523
Slim-53016	5"	30	1.6	20	462
Slim-54016	5"	40	1.6	20	562
Slim-64016	6"	40	1.6	25.4	631
Slim-66016	6"	60	1.6	25.4	846
Slim-74016	7"	40	1.6	25.4	739
Slim-76016	7"	60	1.6	25.4	977
Slim-84016	8"	40	1.6	25.4	846
Slim-86016	8"	60	1.6	25.4	1054
Slim-104018	10"	40	1.8	25.4	1231
Slim-106018	10"	60	1.8	25.4	1577
Slim-124022	12"	40	2.2	25.4	1754
Slim-126022	12"	60	2.2	25.4	2278



T.C.T. Router Bits

» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
101	15x8	30	8	739
102	20x8	35	8	870
103	20x10	35	8	908
104	22x10	37	8	985
105	25x10	40	8	1054
106	25x12	40	8	1093
107	28x10	43	8	1131
108	28x12	43	8	1193
109	32x10	47	8	1308
110	32x12	47	8	1385

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

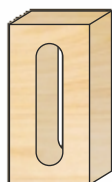
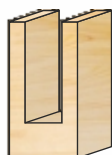
» Beading Flat Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
111	8x8	25	8	708
112	10x10	28	8	739
113-A	12x10	31	8	808
113	12x12	31	8	808
114-A	15x10	36	8	970
114	15x15	36	8	970
115-A	19x12	43	8	1131
115	19x19	43	8	1193
116	22x22	48	8	1385
116-A	25x25	53	8	1693

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

» Straight Bits (Cleaning Bottom Bits)



Cleaning Bottom Bits

Cutting Dia : 8mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
121	8	20	8	277
121-A	8	20	6	277
121-B	8	20	6.35	277
121-C	8	20	12	308
121-D	8	30	8	462
121-E	8	30	12	462
121-F	8	35	8	539
121-G	8	35	12	569

Cutting Dia : 10mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
122	10	20	8	308
122-A	10	20	6	308
122-B	10	20	6.35	308
122-C	10	20	12	385
122-D	10	30	8	462
122-E	10	30	12	462
122-F	10	38	8	693
122-G	10	38	12	693
122-H	10	50	8	1077
122-I	10	50	12	1077

Cutting Dia : 12mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
123	12	20	8	346
123-A	12	20	6	346
123-B	12	20	6.35	346
123-C	12	20	12	431
123-D	12	30	8	508
123-E	12	30	12	508
123-F	12	30	12.7	508

Cutting Dia : 12mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
123-G	12	38	8	716
123-H	12	38	12	716
123-I	12	50	8	1154
123-J	12	50	12	1154
123-K	12	63	12	1424
123-L	12	75	12	1847

Cutting Dia : 15mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
124-A	15	20	8	585
124-B	15	20	12	585
124-C	15	30	8	770
124-D	15	30	12	770
124-E	15	50	12	1331
124-F	15	63	12	1693
124-G	15	75	12	2124

Cutting Dia : 19mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
124	19	25	8	770
124-AA	19	25	12	770
124-AB	19	38	8	1093
124-AC	19	38	12	1093
124-AD	19	50	12	1616

Cutting Dia : 25mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
125	25	25	8	1000
125-A	25	25	12	1000
125-B	25	38	12	1462
125-C	25	50	12	2232

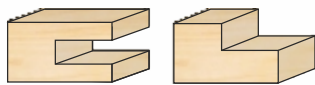
Cutting Dia : 4mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
120-A	4	12	8	292
120-B	4	12	6	292
120-C	4	12	6.35	292
120-D	4	12	12	308

Cutting Dia : 6mm

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
120	6	15	8	215
120-AA	6	15	6	215
120-AB	6	15	6.35	215
120-AC	6	15	12	231

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



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

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

Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)	Price
126-AA	3	12	4	8	793
126-A	4	12	4	8	793
126	6	12	4	8	885
127	8	12	4	8	970
127-A	9	12	4	8	985
128	10	12	4	8	1047
129	12	12	4	8	1131
130	15	12	4	8	1370
131	19	12	4	8	1539
131-A	25	12	4	8	1847
131-B	32	12	4	12	2232
131-C	38	12	4	12	2539
131-D	19	12	4	12	1539
131-E	25	12	4	12	1847

Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)	Price
401-A	4	15	4	8	939
401-B	4	15	4	12	939
401-C	4	19	4	8	1108
401-D	4	19	4	12	1108
402-A	6	15	4	8	1031
402-B	6	15	4	12	1031
402-C	6	19	4	8	1193
402-D	6	19	4	12	1193
402-E	6	25	4	8	1400
402-F	6	25	4	12	1400
403-A	8	15	4	8	1116
403-B	8	15	4	12	1116
403-C	8	19	4	8	1277
403-D	8	19	4	12	1277
403-E	8	25	4	8	1493
403-F	8	25	4	12	1493

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

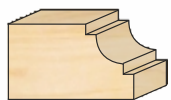
Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)	Price
404-A	9	15	4	8	1131
404-B	9	15	4	12	1131
404-C	9	19	4	8	1300
404-D	9	19	4	12	1300
404-E	9	25	4	8	1508
404-F	9	25	4	12	1508
405-A	10	15	4	8	1193
405-B	10	15	4	12	1193
405-C	10	19	4	8	1354
405-D	10	19	4	12	1354
405-E	10	25	4	8	1570
405-F	10	25	4	12	1570
406-A	12	15	4	8	1277
406-B	12	15	4	12	1277
406-C	12	19	4	8	1447
406-D	12	19	4	12	1447
406-E	12	25	4	8	1654
406-F	12	25	4	12	1654

» Classical Cove Bits

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



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
117-A	10X10	28	8	739
117	12X12	31	8	854
118	15X15	36	8	1093
118-A	15X10	36	8	985
119	19X19	43	8	1270
119-A	19X12	43	8	1193



» Cove Bits

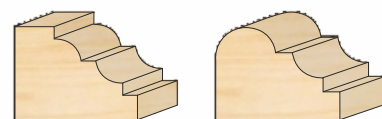
Bearing Size : D-13 x B-5 x T-4



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
132	10x10	28	8	785
133	12x12	31	8	908
134	15x15	37	8	1093
134-A	19x19	43	8	1400



» Corner Bits



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

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
135-A	15x7	40	8	939
135	15x10	40	8	985
136	15x15	40	8	1200
137-A	19x7	47	8	1231
137	19x10	47	8	1293
138	19x15	47	8	1385
139	19x19	47	8	1616
140	22x10	52	8	1462
141	22x12	52	8	1462
142	22x15	52	8	1570
143	22x22	52	8	1693
144	25x10	57	8	1616
145	25x15	57	8	1693
146	25x25	57	8	2155
147	28x10	62	8	2001
148	28x12	62	8	2155
149	28x15	62	8	2232
150	35x10	74	8	2309
151	35x12	74	8	2385
152	35x15	74	8	2539

T.C.T. Router Bits

» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
153	15x15	37	8	1093
154	19x19	43	8	1270
155	22x22	49	8	1508
156	25x25	54	8	1693
157	28x28	60	8	2155

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

» Half Radius Bits



Code No.	Radius (mm)	Wood Thick (mm)	Dia (mm)	Shank (mm)	Price
163-A	3R	6	23	8	839
163	4R	8	25	8	877
164	5R	10	27	8	1023
165	6R	12	29	8	1170
166	7.5R	15	32	8	1347
166-A	9.5R	19	36	12	2078
166-B	11R	22	39	12	2155
166-C	12.5R	25	42	12	2693

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

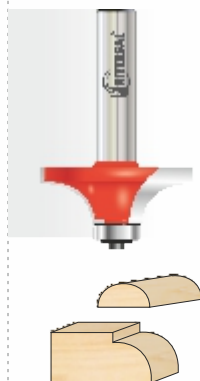
» Roman Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
170	12x12	32	8	846
171-A	15X6	37	8	970
171-B	15X8	37	8	970
171	15x10	37	8	970
172	15x15	37	8	985
173-A	19X6	44	8	1077
173-B	19X8	44	8	1077
173	19x10	44	8	1131
174	19x15	44	8	1193
175	19x19	44	8	1270
176-A	22X6	49	8	1308
176-B	22X8	49	8	1308
176	22x15	49	8	1508
177	22x22	49	8	1616

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

» Round Over Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
158-A	12x6	26	8	693
158	15x7	30	8	831
159-A	19x10	34	8	1016
159	20x10	35	8	1016
160	22x10	37	8	1093
161	25x10	40	8	1200
162	25x12.5	40	8	1200
162-A	28x10	43	8	1400
162-B	32x10	47	8	1508

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

» Chamfer Bits



Code No.	Degree	Dia (mm)	Shank (mm)	Price
167	15°	37	8	939
168	25°	37	8	1054
169	45°	37	8	1047
169-A	45°	42	8	1162
169-B	45°	47	8	1508
169-C	45°	52	12	1678
169-D	45°	57	12	1831

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

» Ogee Fillet Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
178	15x10	37	8	1054
179	15x15	37	8	1116
180	19x10	44	8	1193
181	19x15	44	8	1193
182	19x19	44	8	1270
183	22x15	49	8	1293
184	22x22	49	8	1385
185	28x28	60	12	1816

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

T.C.T. ROUTER BITS

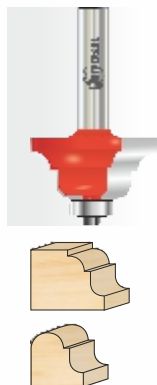
» Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
186	15x10	37	8	1093
187	15x15	37	8	1093
188	19x10	44	8	1193
189	19x15	44	8	1285
190	19x19	44	8	1400
191	22x15	49	8	1508
192	22x22	49	8	1616

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

» Corner Bit



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
201	10x15	32	8	985
202	12x15	37	8	1116

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

» Round Nose Bits



Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)	Price
193-AA	4	8	8	308
193-AB	6	10	8	323
193-AC	6	10	6	323
193-AD	6	10	6.35	323
193	8	10	8	354
193-A	8	10	6	354
193-B	8	10	6.35	354
193-C	8	10	12	354
194	10	12	8	408
194-A	10	12	6	408
194-B	10	12	6.35	408
194-C	10	12	12	408

Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)	Price
195	12	15	8	477
195-A	12	15	6	477
195-B	12	15	6.35	477
195-C	12	15	12	477
196	15	15	8	600
196-A	15	15	12	600
197	19	15	8	693
197-A	19	15	12	693
198	25	20	8	862
198-A	25	20	12	862

» Trim Bits



Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
199-AA	6.35(1/4")	20	6	354
199-AB	6.35(1/4")	20	6.35	354
199-AC	6.35(1/4")	20	8	354

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

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
199	9.52(3/8")	30	8	385
199-A	9.52(3/8")	30	12	385
199-B	9.52(3/8")	20	6	369
199-C	9.52(3/8")	20	6.35	369
199-D	9.52(3/8")	38	8	554
199-E	9.52(3/8")	38	12	554
199-F	9.52(3/8")	50	8	770
199-G	9.52(3/8")	50	12	770

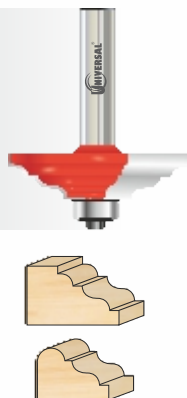
Bearing Size : 3/8" x 3/16"

Code No.	Dia (mm)	Cutting Length	Shank (mm)	Price
200	12.70(1/2")	30	8	416
200-A	12.70(1/2")	30	12	416
200-B	12.70(1/2")	30	12.70	385
200-C	12.70(1/2")	20	6	385
200-D	12.70(1/2")	20	6.35	385
200-E	12.70(1/2")	38	8	577
200-F	12.70(1/2")	38	12	577
200-G	12.70(1/2")	50	8	793
200-H	12.70(1/2")	50	12	793

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

T.C.T. ROUTER BITS

» Corner Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
203	15x10	40	8	985
204	15x15	40	8	1193
205	19x10	47	8	1231
206	19x15	47	8	1385
207	19x19	47	8	1508
208	22x10	52	8	1454
209	22x12	52	8	1454
210	22x15	52	8	1570
211	22x22	52	8	1678
212	25x10	57	8	1616
213	25x15	57	8	1693
214	25x25	57	8	2155
215	28x10	62	8	2001
216	28x12	62	8	2155
217	28x15	62	8	2232
218	35x10	74	8	2309
219	35x12	74	8	2385
220	35x15	74	8	2578

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

» Ball Profile Router Bits



Code No.	Round Size (mm)	Dia (mm)	Shank (mm)	Price
AG.08.6	8x6	13	8	585
AG.10.6	10x6	15	8	616
AG.12.6	12x6	17	8	662
AG.15.6	15x6	20	8	708
AG.18.6	18x6	23	8	770
AG.19.6	19x6	24	8	785
AG.20.6	20x6	25	8	800
AG.22.6	22x6	27	8	854
AG.25.6	25x6	30	8	908
AG.30.6	30x6	36	8	1123
AG.32.6	32x6	38	8	1154

» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
221	15x15	37	8	1093
222	19x19	43	8	1508
223	22x22	49	8	1616
224	25x25	54	8	2001
225	28x28	60	12	2309

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

» Plung Ogee Fillet Bits



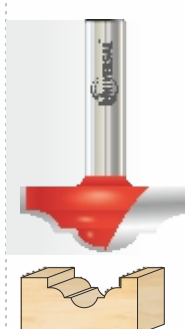
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
226	19x10	19	8	616
227	22x10	22	8	662
228	25x10	25	8	770
228-A	32x10	32	8	970

» Ovolo Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
229	10x8	10	8	462
230	12x8	12	8	492
231	15x8	15	8	554
232	19x10	19	8	616
233	22x10	22	8	662
234	25x10	25	8	770
234-A	32x10	32	8	970

» Plung Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
235	15x10	15	8	554
236	19x10	19	8	616
237	22x10	22	8	662
238	25x10	25	8	770
239	25x12	25	8	770
239-A	32x12	32	8	970

T.C.T. ROUTER BITS

» Frame Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
240	15x15	37	8	1093
241	19x19	43	8	1270
242	22x22	49	8	1616
243	25x25	54	8	1693

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

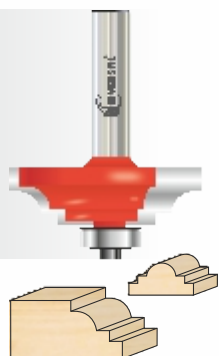
» Ogee Double Fillet Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
244	15x15	37	8	1093
245	19x19	44	8	1270
246	22x15	49	8	1293
247	22x22	49	8	1616
248	28x28	60	12	1816

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

» Classical Bedding Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
249	15x8	30	8	785
250	20x8	35	8	846
251	20x10	35	8	846
252	22x10	37	8	970
253	25x10	40	8	1062
254	25x12	40	8	1093
255	28x10	43	8	1193
256	28x12	43	8	1193
257	32x10	47	8	1293
258	32x12	47	8	1385

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

» Ovolo Bits



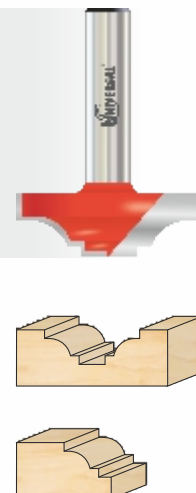
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
259	10x8	10	8	439
260	12x8	12	8	462
261	15x8	15	8	500
262	19x10	19	8	554
263	22x10	22	8	600
264	25x10	25	8	677
265	32x12	32	8	870
266	38x12	38	8	1000

» V Groove Bits



Code No.	Dia (mm)	Degree (mm)	Depth (mm)	Shank (mm)	Price
267-A	8	90°	4	8	277
267-AA	8	90°	4	6	277
267-AB	8	90°	4	6.35	277
267-B	10	90°	5	8	323
267-AC	10	90°	5	6	323
267-AD	10	90°	5	6.35	323
267	12	90°	6	8	339
267-AE	12	90°	6	6	339
267-AF	12	90°	6	6.35	339
268	15	90°	7.5	8	385
268-A	15	90°	7.5	12	385
269	19	90°	9.5	8	462
269-A	19	90°	9.5	12	462
269-B	25	90°	12.5	8	1000
269-C	25	90°	12.5	12	1000
269-D	32	90°	16	8	1154
269-E	32	90°	16	12	1154

» Classical Pattern Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
270	15X10	15	8	554
271	19X10	19	8	616
272	22X10	22	8	662
272-A	25X10	25	8	770
273	25X12	25	8	770
273-A	28X12	28	8	900
274	32X12	32	8	970

T.C.T. ROUTER BITS

» Spiral & Round Over Bits For Rassi



Code No.	Cutting Length	Dia (mm)	Shank (mm)	Price
275	25	25	12	1231
276	25	28	12	1331
277	25	32	12	1477
278	25	38	12	1770
279	32	50	12	2155



» Cove Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
280	15x10	15	8	554
281	19x10	19	8	616
282	22x10	22	8	662
283	25x12	25	8	770
284	32x12	32	8	970
285	38x12	38	8	1293



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

» Roman Ogee Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
286	12x12	31	8	1023
287	15x15	36	8	1093
288	19x19	43	8	1170
289	22x22	48	8	1616



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

» Framing Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
290	12x12	39	8	1093
291	15x15	45	8	1400
292	19x19	53	8	1693
293	22x22	59	8	2155



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

» Core Box Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
294	10x8	10	8	462
295	12x8	12	8	492
296	15x8	15	8	554
297	19x10	19	8	616
298	22x10	22	8	662
299	25x10	25	8	770
300	28x10	28	8	900



» Plung Cavetto Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
301	15x8	15	8	554
302	19x10	19	8	616
303	20x10	20	8	654
304	22x10	22	8	662
305	25x10	25	8	770
306	25x12	25	8	770
307	28x12	28	8	900
308	32x12	32	8	970



T.C.T. ROUTER BITS

» Double Round Mould Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
309	12x12	32	8	846
310	15x15	37	8	1093
311	19x19	43	8	1270

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



» Double Fillet Cove Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
312	15x15	37	8	970
313	19x19	43	8	1270
314	22x22	49	8	1508
315	25x25	54	8	1693

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



» Classical Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
316	15x10	15	8	554
317	19x10	19	8	616
318	22x10	22	8	662
319	25x10	25	8	770
320	28x10	28	8	900



» Corner Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
321	19x10	19	8	616
322	22x10	22	8	662
323	25x10	25	8	770
324	28x10	28	8	900



» Beading Router Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
325	15x10	30	8	785
326	18x10	33	8	893
327	22x10	37	8	970
328	28x10	43	8	1131

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



» Corner Frame Bits



Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
341	15x15	37	8	1093
342	19x19	43	8	1270
343	22x22	49	8	1508
344	25x25	53	8	1693
345	28x28	59	12	2155

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

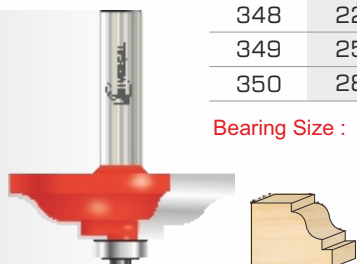


T.C.T. ROUTER BITS

» Beading Router Bits

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
346	15x15	37	8	1093
347	19x19	43	8	1270
348	22x22	49	8	1508
349	25x25	53	8	1693
350	28x28	59	12	2155

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



» Corner Radius Bits

Code No.	Radius (mm)	Dia (mm)	Shank (mm)	Price
439	16R	45	12	1177
440	19R	51	12	1493
441	22R	57	12	1739
442	25R	63	12	1924

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



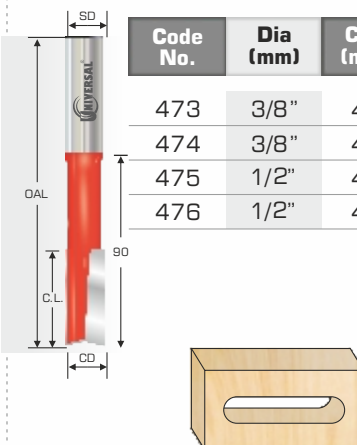
» Dovetail Bits

Code No.	Dia (mm)	Height (mm)	Shank (mm)	Price
430	12.7	12.7	8	462
430-A	12.7	12.7	12	462
431	15.8	16	8	492
431-A	15.8	16	12	492
432	19	20	8	554
432-A	19	20	12	554
432-B	25.4	26	8	770
432-C	25.4	26	12	770



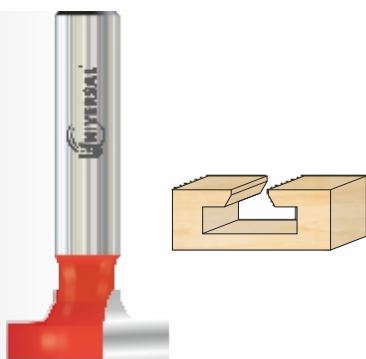
» T.C.T. Long Slot Drill Bit

Code No.	Dia (mm)	C.L. (mm)	Shank (mm)	Rotation	Price
473	3/8"	40	12	R.H.	870
474	3/8"	40	12	L.H.	970
475	1/2"	40	12	R.H.	1116
476	1/2"	40	12	L.H.	1231



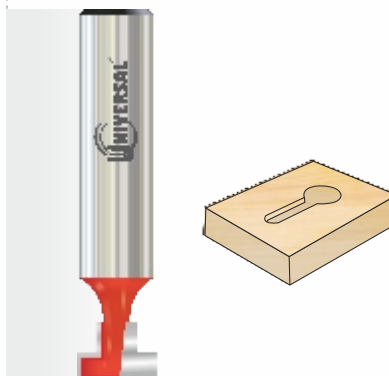
» T- Slotting Bits

Code No.	Dia (mm)	H1 (mm)	H2 (mm)	Shank (mm)	Price
450	29	13.50	8	12	1539
450-A	29	13.50	8	8	1539



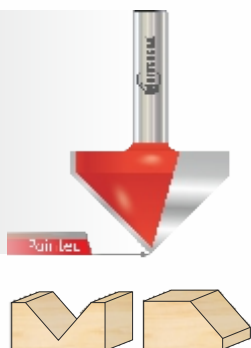
» Key Hole Bits

Code No.	Dia (mm)	D1 (mm)	B (mm)	H (mm)	Shank (mm)	Price
451	9.52	6.35	4.76	9.50	8	462
451-A	9.52	6.35	4.76	9.50	12	462
452	12.70	6.35	4.76	9.50	8	462
452-A	12.70	6.35	4.76	9.50	12	462



T.C.T. ROUTER BITS

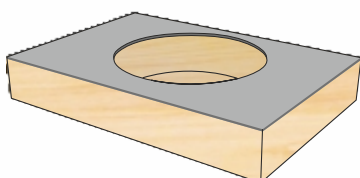
» “V” Groove Bits (Pointed)



Code No.	Dia (mm)	Degree	Height (mm)	Shank (mm)	Price
443	19	90°	9.5	8	970
443-A	19	90°	9.5	6	970
443-B	19	90°	9.5	6.35	970
444	22	90°	11	8	970
444-A	22	90°	11	6	970
444-B	22	90°	11	6.35	970
445	25	90°	12.5	8	1039
445-A	25	90°	12.5	6	1039
445-B	25	90°	12.5	6.35	1039
446	32	90°	16	8	1154
446-A	32	90°	16	6	1154

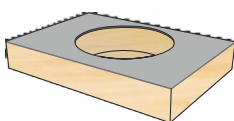
Code No.	Dia (mm)	Degree	Height (mm)	Shank (mm)	Price
446-B	32	90°	16	6.35	1154
447	32	120°	13	8	1154
447-A	32	120°	13	6	1154
447-B	32	120°	13	6.35	1154
448	32	140°	10	8	1154
448-A	32	140°	10	6	1154
448-B	32	140°	10	6.35	1154
449	32	150°	9	8	1154
449-A	32	150°	9	6	1154
449-B	32	150°	9	6.35	1154

» Hinge Boring Bits



Code No.	Dia (mm)	Shank (mm)	Shank Length (mm)	Price
901	15	10	55	400
902	19	10	55	492
903	20	10	55	516
904	22	10	55	531
905	25	10	55	593
906	28	10	55	669
907	30	10	55	708
908	32	10	55	770
909	34	10	55	808
910	35	10	55	846
911	36	10	55	862
912	38	10	55	900
913	40	10	55	923
914	42	10	55	1047
915	45	10	55	1077
916	48	10	55	1108
917	50	10	55	1154
918	52	10	55	1231
919	55	10	55	1308
920	58	10	55	1385
921	60	10	55	1462
922	63.5	10	55	1616
923	65	12	55	1693
924	70	12	55	2001
925	75	12	55	2155
926	80	12	55	2309
927	85	12	55	2462
928	90	12	55	2693
929	95	12	55	3001
930	100	12	55	3232

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



Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)	Price
931	35	28	12	2000
931-A	38	28	12	2077
932	40	28	12	2154
933	45	28	12	2385
934	50	28	12	2539
935	55	28	12	2846
936	60	28	12	2923
936-A	62	28	12	3000
937	63.5	28	12	3077
937-A	65	28	12	3231
938	70	28	12	3539
939	75	28	12	3693
940	80	28	12	3847
941	85	28	12	4154
942	90	28	12	4308
943	95	28	12	4462

Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)	Price
944	100	28	12	4847
945	125	28	12	10462
946	150	28	16	13232
947	175	28	16	17386
948	200	28	16	20310
949	225	28	16	23541
950	250	28	16	26464

Hole Saw Boring Bits for Aluminum Cutting
 Used For Aluminum Profile Shutters Suitable For Hinges

Code No.	Dia (mm)	Max. Depth (mm)	Shank (mm)	Price
931-ALU	35	20	12	2155

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



Code No.	Dia (mm)	Depth (mm)	Shank (mm)	Price
455	35	6	12	1693
456	40	6	12	1770
457	45	6	12	1924
458	50	6	12	2155
459	65	6	12	2616
460	75	6	12	3001
461	100	6	12	3924
462	125	6	12	4848
463	150	6	12	5848

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



Code No.	Dia (mm)	Depth (mm)	Shank (mm)	Price
464	35	6	12	1693
465	40	6	12	1770
466	45	6	12	1924
467	50	6	12	2155
468	65	6	12	2616
469	75	6	12	3001
470	100	6	12	3924
471	125	6	12	4848
472	150	6	12	5848

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



Code No.	Dia (mm)	C.L. (mm)	O.A.L. (mm)	Shank (mm)	Price
477	10	100	150	9	1539
478	12	100	150	10	1693
479	13	100	150	12	1847
480	14	100	150	12	2001
481	15	100	150	12	2155
482	16	100	150	12	2309
483	17	100	150	12	2462
484	18	100	150	12	2616
485	19	100	150	12	2770
486	20	100	150	12	2924

T.C.T. ROUTER BITS

» Raised Panel Router Bits

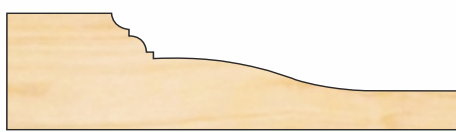
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price	Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
329	40x18	93	12	3386	329-B	32X18	77	12	2693
330	40x18	93	12	3386	330-B	32X18	77	12	2693
331	40x18	93	12	3386	331-B	32X18	77	12	2693
332	40x18	93	12	3386	332-B	32X18	77	12	2693
333	40x18	93	12	3386	333-B	32X18	77	12	2693
334	40x18	93	12	3386	334-B	32X18	77	12	2693
335	40x18	93	12	3386	335-B	32X18	77	12	2693
336	40x18	93	12	3386	336-B	32X18	77	12	2693
337	40x18	93	12	3386	337-B	32X18	77	12	2693
338	40x18	93	12	3386	338-B	32X18	77	12	2693
329-A	50x18	113	12	4463	329-C	32X18	77	8	2693
330-A	50x18	113	12	4463	330-C	32X18	77	8	2693
331-A	50x18	113	12	4463	331-C	32X18	77	8	2693
332-A	50x18	113	12	4463	332-C	32X18	77	8	2693
333-A	50x18	113	12	4463	333-C	32X18	77	8	2693
334-A	50x18	113	12	4463	334-C	32X18	77	8	2693
335-A	50x18	113	12	4463	335-C	32X18	77	8	2693
336-A	50x18	113	12	4463	336-C	32X18	77	8	2693
337-A	50x18	113	12	4463	337-C	32X18	77	8	2693
338-A	50x18	113	12	4463	338-C	32X18	77	8	2693



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

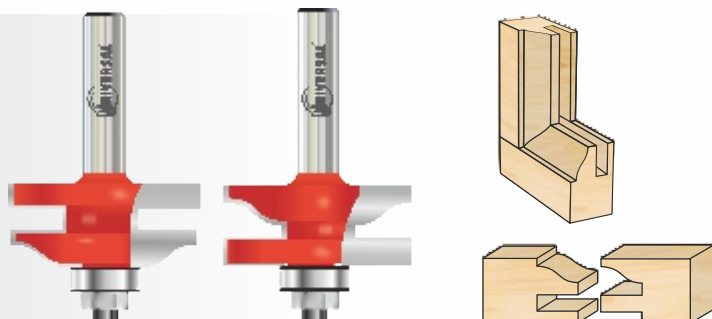


Code No. :337 / 337-A
337-B / 337-C



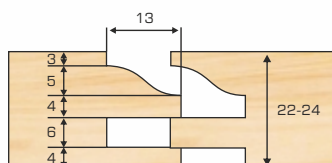
Code No. :338 / 338-A
338-B / 338-C

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

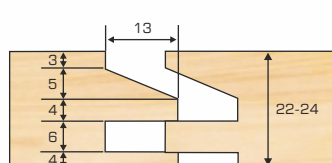


Bearing Size : 22mm x 8mm x 6mm

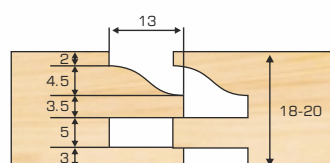
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)	Price
381	22-24	48	12	7387
382	22-24	48	12	7387
383	22-24	48	12	7387
384	22-24	48	12	7387
385	22-24	48	12	7387
386	22-24	48	12	7387
387	18-20	48	12	7387
388	18-20	48	12	7387
389	18-20	48	12	7387
390	18-20	48	12	7387
391	18-20	48	12	7387
392	18-20	48	12	7387



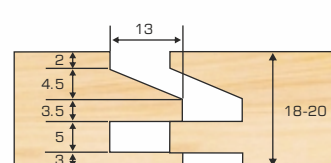
Code No. : 381



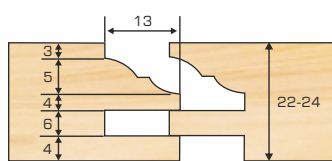
Code No. : 384



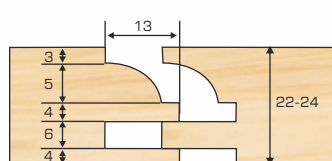
Code No. : 387



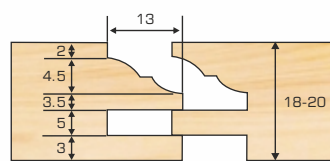
Code No. : 390



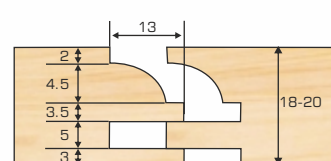
Code No. : 382



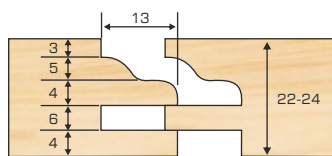
Code No. : 385



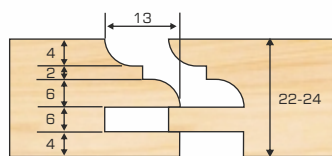
Code No. : 388



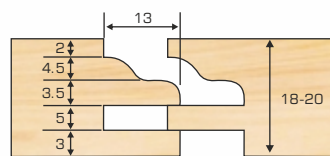
Code No. : 391



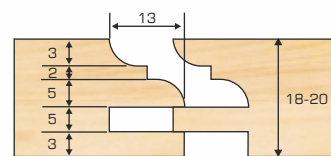
Code No. : 383



Code No. : 386



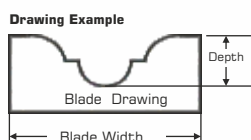
Code No. : 389



Code No. : 392

As Per Sample & As Per Drawing

Width (mm)	Depth (mm)	Thick (mm)	Price
Up to 25	Up to 12	6	1231
26 to 32	Up to 12	6	1539
33 to 38	Up to 12	6	1847
39 to 50	Up to 12	6	2462
51 to 60	Up to 12	6	2924
61 to 70	Up to 12	6	3386
71 to 80	Up to 12	6	3924
81 to 90	Up to 12	6	4463
91 to 100	Up to 12	6	4925
101 to 110	Up to 12	6	5387
111 to 120	Up to 12	6	5848
121 to 130	Up to 12	6	6464



19X10 1231/-



22X10 1231/-



32X10 1847/-



32X10 1847/-



22X10 1231/-



19X10 1231/-



15X15 1539/-



22X10 1231/-



19X10 1231/-



22X10 1539/-



22X10 1231/-



19X10 1231/-

12 pieces blade set
as per above wooden picture and size

Price : 16621/-

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MAKE YOUR FURNITURE WORK BEAUTIFULLY!



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ECONOMIC

ROUTER BITS SERIES

NEW ADDED



UNIVERSAL[®]

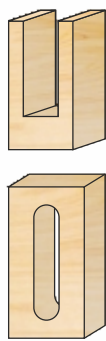
AN ISO 9001:2015 CERTIFIED COMPANY



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Partner in Precision...**

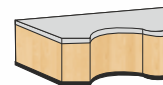
ECONOMIC ROUTER BITS SERIES

Cleaning Bottom Straight Bits - TJ



Code No.	Dia (mm)	C.L. (mm)	Shank (mm)	Price
TJ-1	6	20	8	200
TJ-2	6	25	8	223
TJ-4	8	20	8	231
TJ-5	8	30	8	285
TJ-6	8	38	8	354
TJ-7	8	50	8	554
TJ-8	10	20	8	269
TJ-9	10	30	8	331
TJ-10	10	40	8	469
TJ-11	10	50	8	585
TJ-12	12	20	8	308
TJ-13	12	30	8	377
TJ-14	12	40	8	539
TJ-15	12	50	8	693

Flush Trim Bits - P



Code No.	Dia (inch)	C.L. (mm)	Shank (mm)	Price
P-1	1/4"	20	8	162
P-2	3/8"	25	8	192
P-2A	3/8"	38	8	369
P-3	1/2"	25	8	215
P-4	1/2"	38	8	416
P-5	1/2"	50	8	569

"V" Groove Bits - M



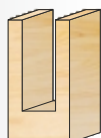
Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)	Price
M-1	8	90°	4	8	100
M-2	10	90°	5	8	108
M-3	12	90°	6	8	115
M-4	15	90°	7.5	8	177
M-5	19	90°	9.5	8	208
M-6	25	90°	12.5	8	277

Center Ovolo Bits - L



Code No.	Dia (mm)	Depth (mm)	Shank (mm)	Price
L-3	10	5	8	100
L-4	12	7	8	123
L-6	15	8	8	139
L-8	19	9	8	200
L-9	25	10	8	262

Straight Bits - O



Code No.	Dia (mm)	C.L. (mm)	Shank (mm)	Price
O-1	4	12	8	100
O-2	6	20	8	123
O-3	8	20	8	131
O-4	10	20	8	139
O-5	12	20	8	146

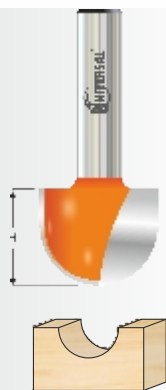
Plunge Cut Beading Bits - K



Code No.	Dia (mm)	Depth (mm)	Shank (mm)	Price
K-3	10	5	8	123
K-4	12	6	8	139
K-6	15	6	8	162
K-8	19	7	8	246
K-10	25	8	8	323
K-11	32	9	8	408

ECONOMIC ROUTER BITS SERIES

Round Nose Bits - I



Code No.	Dia (mm)	R	H (mm)	Shank (mm)	Price
I-1	6	3	8	8	92
I-2	8	4	8	8	108
I-3	10	5	10	8	115
I-4	12	6	11	8	131
I-5	15	7.5	12	8	192
I-6	19	9.5	14	8	223
I-8	25	12.5	16	8	323

Round Nose Bits - IB (Top Bering)



Code No.	Dia (mm)	R	H (mm)	Shank (mm)	Price
IB-2	16	7.9	12	8	308

"V" Groove Bits - MB (Top Bering)



Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)	Price
MB-1	16	90°	8	8	323
MB-2	19	90°	9.5	8	385

Dovetail Bits - Q (14° Degree)



Code No.	Dia (mm)	Height (mm)	Shank (mm)	Price
Q-1	9.5	9.5	8	131
Q-2	12.7	12.7	8	146
Q-3	15.8	15.8	8	262
Q-4	19	19	8	331
Q-5	25.4	25.4	8	485

Hing Boring Bits - U

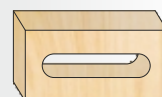


Code No.	Dia (inch)	Shank (mm)	Price
U-1	15	10	254
U-1B	16	10	277
U-1A	19	10	323
U-2	20	10	346
U-3	25	10	431
U-4	30	10	516
U-5	35	10	600
U-6	38	10	654
U-7	40	10	693
U-8	45	10	770
U-9	50	10	862
U-10	55	10	946
U-11	60	10	1031
U-12	63.5	10	1093
U-13	65	10	1116
U-14	75	10	1293

Sal Win Bits - V (Slot Mortising Bits)



Code No.	Dia (mm)	Rotation	OAL (mm)	Shank (mm)	Price
V-1R	3/8"	Right	125	12	770
V-2L	3/8"	Left	125	12	770
V-5R	1/2"	Right	125	12	800
V-6L	1/2"	Left	125	12	800



Cutting Depth 90mm
Tip Length 40mm

Pattern Bits - PB (Top Bering)



Code No.	Dia (mm)	CL (mm)	Shank (mm)	Price
PB-2	16	25	8	339

ECONOMIC ROUTER BITS SERIES

Beading Bits - A



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)	Price
A-1	22	8x8	8	215
A-2	25	10x10	8	269
A-9	28	12x10	8	308
A-3	28	12x12	8	308
A-4	32	14x14	8	331
A-5	37	17x17	8	400
A-6	46	22x22	8	585

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

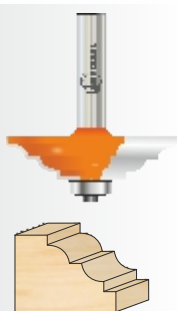
Corner Radius Bits - G



Code No.	Dia (inch)	R (mm)	Shank (mm)	Price
G-1	16.7	2	8	208
G-2	18.7	3	8	215
G-2A	22.7	5	8	231
G-3	25.4	6.35	8	269
G-5	31.7	9.5	8	331
G-6	38.1	12.7	8	416

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

Ovolo-Cove Profile Bits - D



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)	Price
D-5	37	15x10	8	423
D-7	44	19x10	8	569
D-9	49	22x10	8	739

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

Rebating Slot Bits - E (4 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)	Price
E-1	35	4	13	8	346
E-2	35	6	13	8	377
E-3	35	8	13	8	462
E-3A	35	9	13	8	477
E-4	35	10	13	8	500
E-5	35	12	13	8	554

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

Rebating Slot Bits - E (2 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)	Price
E-11	35	4	13	8	192
E-12	35	6	13	8	215
E-13	35	8	13	8	239
E-14	35	9	13	8	254
E-15	35	10	13	8	269
E-16	35	12	13	8	331

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

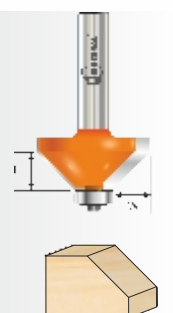
Roman Ogee Bits - F



Code No.	Dia (mm)	Wood Size (mm)	Shank (mm)	Price
F-1A	34	15x6	8	354
F-2A	34	15x8	8	354
F-3A	34	15x10	8	400
F-4A	41	19x6	8	500
F-5A	41	19x8	8	500
F-6A	41	19x10	8	600

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

Chamfer Bits - H



Code No.	Dia (mm)	H / W (mm)	Degree (mm)	Shank (mm)	Price
H-2	40	15x15	45°	8	439

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

Bearing for all Router Bits

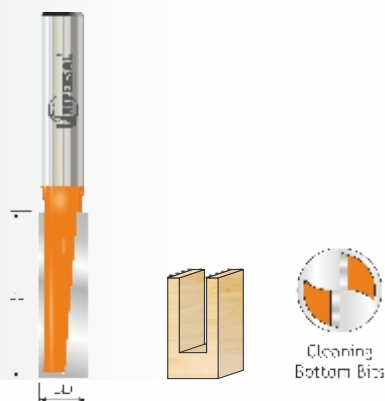
Code No.	Dia	Bore	Thick	Price
BA-1	1/4"	1/8"	2.7mm	62
BA-2	3/8"	3/16"	1/8"	62
BA-3	1/2"	3/16"	5mm	62
BA-4	9mm	5mm	3mm	46
BA-5	11mm	5mm	4mm	54
BA-6	13mm	5mm	4mm	46
BA-7	16mm	5mm	5mm	54
BA-8	16mm	8mm	5mm	54
BA-9	19mm	8mm	6mm	62



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

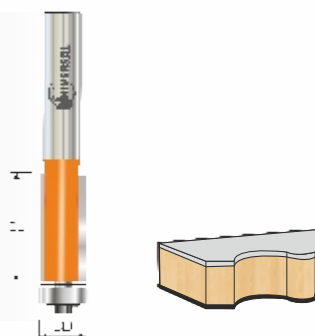
ECONOMIC ROUTER BITS SERIES

Cleaning Bottom Straight Bits - TJ 1



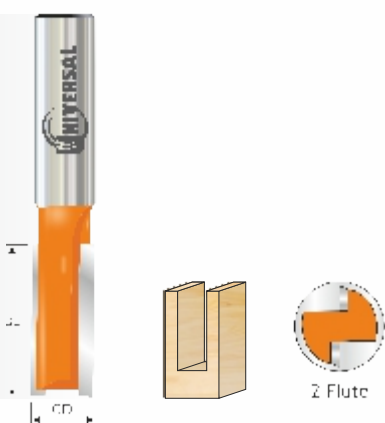
Code No.	Dia (inch)	C.L. (mm)	Shank (mm)	Price
TJ-1A	6	20	6	200
TJ-1AY	6	20	6.35	200
TJ-4A	8	20	6	231
TJ-4AY	8	20	6.35	231
TJ-8A	10	20	6	269
TJ-8AY	10	20	6.35	269
TJ-12A	12	20	6	308
TJ-12AY	12	20	6.35	308

Flush Trim Bits - TS 4



Code No.	Dia (inch)	C.L. (mm)	Shank (mm)	Price
TS-4	1/4"	20	6	154
TS-4Y	1/4"	20	6.35	154
TS-5	3/8"	25	6	192
TS-5Y	3/8"	25	6.35	192
TS-6	1/2"	25	6	215
TS-6Y	1/2"	25	6.35	215

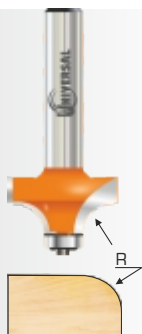
Straight Bits - TS 10



Code No.	Dia (inch)	C.L. (mm)	Shank (mm)	Price
TS-10A	4	12	6	100
TS-10AY	4	12	6.35	100
TS-10	6	20	6	123
TS-10Y	6	20	6.35	123
TS-11	8	20	6	131
TS-11Y	8	20	6.35	131
TS-11A	10	20	6	139
TS-11AY	10	20	6.35	139
TS-12	12	20	6	146
TS-12Y	12	20	6.35	146

ECONOMIC ROUTER BITS SERIES

Corner Radius Bits - TS 1



Code No.	Dia (inch)	R (mm)	Shank (mm)	Price
TS-1	16.7	2	6	208
TS-1Y	16.7	2	6.35	208
TS-2	18.7	3	6	215
TS-2Y	18.7	3	6.35	215
TS-3	25.4	6.35	6	269
TS-3Y	25.4	6.35	6.35	269
TS-3A	31.7	9.5	6	331
TS-3AY	31.7	9.5	6.35	331
TS-3B	38.1	12.7	6	416
TS-3BY	38.1	12.7	6.35	416

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

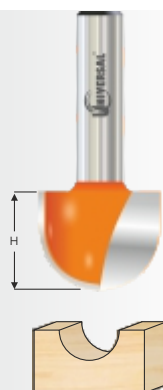
Rebating Slot Bits - TS 29 (4 Teeth)



Code No.	Dia (mm)	Thick (mm)	Depth (mm)	Shank (mm)	Price
TS-29	35	4	13	6	346
TS-29Y	35	4	13	6.35	346
TS-30	35	6	13	6	377
TS-30Y	35	6	13	6.35	377
TS-31	35	8	13	6	462
TS-31Y	35	8	13	6.35	462
TS-31A	35	9	13	6	485
TS-31AY	35	9	13	6.35	485
TS-32	35	10	13	6	500
TS-32Y	35	10	13	6.35	500
TS-33	35	12	13	6	554
TS-33Y	35	12	13	6.35	554

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

Round Nose Bits - TS 19



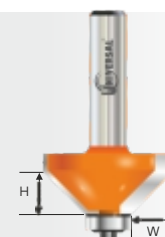
Code No.	Dia (mm)	R (mm)	Depth (mm)	Shank (mm)	Price
TS-19	6	3	8	6	92
TS-19Y	6	3	8	6.35	92
TS-20	8	4	8	6	108
TS-20Y	8	4	8	6.35	108
TS-21	10	5	10	6	123
TS-21Y	10	5	10	6.35	123
TS-22	12	6	11	6	139
TS-22Y	12	6	11	6.35	139
TS-23	15	7.5	12	6	192
TS-23Y	15	7.5	12	6.35	192

"V" Groove Bits - TS 24



Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)	Price
TS-24	8	90°	4	6	100
TS-24Y	8	90°	4	6.35	100
TS-25	10	90°	5	6	108
TS-25Y	10	90°	5	6.35	108
TS-26	12	90°	6	6	115
TS-26Y	12	90°	6	6.35	115
TS-27	15	90°	7.5	6	177
TS-27Y	15	90°	7.5	6.35	177

Chamfer Bits - TS 8



Code No.	Dia (mm)	H / W (mm)	Degree (mm)	Shank (mm)	Price
TS-8	25.5	8x8	45°	6	269
TS-8Y	25.5	8x8	45°	6.35	269

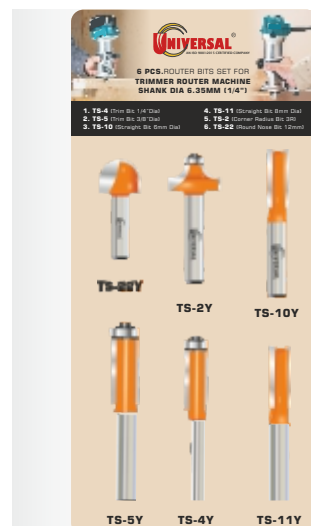
Bearing Size : 3/8" x 3/16"

6 Pcs. Trimmer Set Bits - 6mm Shank Code No.: Trimset - 01

Price : 870/-



6 Pcs. Trimmer Set Bits - 1/4" Shank Code No.: Trimset - 02 Price : 870/-



TOOLS FOR CNC ROUTER MACHINES

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



CUTTING / GROOVING / CARVING / PROFILING / MILLING

Two Flute Solid Carbide Spiral Bit (End Mill)

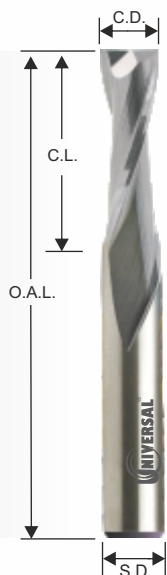


Application : Used For Ripping, Template Routing, Panel Sizing And Through & blind Cutting Application on Solid Wood, MDF, Particle Board, Melamine Board, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed on Well-clamped Work Pieces.

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



↑ Excellent Finish in Bottom Side Workpiece

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	Price
UT.TFS.02.12	2	3	12	40-45	2	246
UT.TFS.03.15	3	3	15	40-45	2	246
UT.TFS.04.20	4	4	20	45-50	2	408
UT.TFS.05.20	5	5	20	45-50	2	616
UT.TFS.06.22	6	6	22	50-55	2	893
UT.TFS.08.30	8	8	30	59-60	2	1631
UT.TFS.10.30	10	10	30	65-70	2	2832
UT.TFS.12.30	12	12	30	65-70	2	4001

Two Flute Solid Carbide Ball Nose Bit

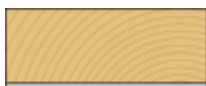
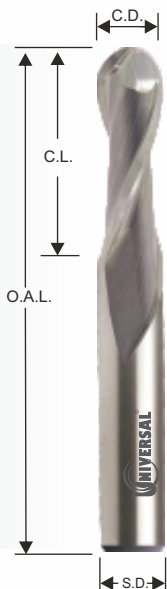


Application : The Tool Can Be Used For Carving And Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed On well Workpiece.

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



↑ Excellent Finish in Bottom Side Workpiece

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	Price
UT.TFB.02.08	2	3	8	40-45	2	246
UT.TFB.03.15	3	3	15	40-45	2	246
UT.TFB.04.20	4	4	20	45-50	2	408
UT.TFB.05.20	5	5	20	45-50	2	616
UT.TFB.06.20	6	6	20	53-55	2	893
UT.TFB.08.22	8	8	22	55-60	2	1631
UT.TFB.10.30	10	10	30	65-70	2	2878
UT.TFB.12.30	12	12	30	65-70	2	4078

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

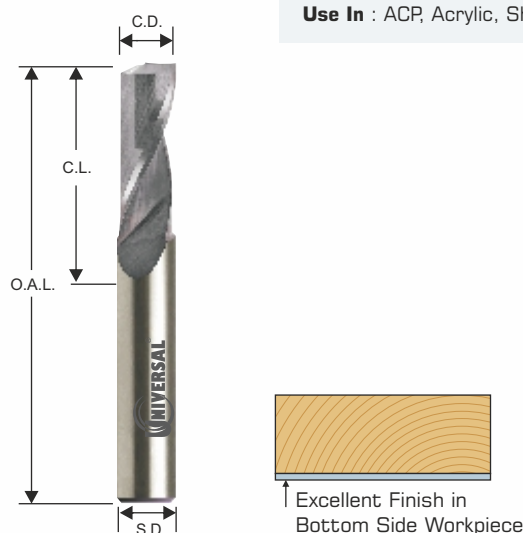


Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	Price
UT.ST.4.4.15	4	4	15	45-50	2	408
UT.ST.4.4.20	4	4	20	48-50	2	416
UT.ST.5.5.22	5	5	22	48-50	2	616
UT.ST.6.6.20	6	6	20	50-55	2	885
UT.ST.6.6.25	6	6	25	53-55	2	900
UT.ST.6.6.30	6	6	30	53-55	2	923
UT.ST.6.6.40	6	6	40	70-75	2	1231
UT.ST.8.8.25	8	8	25	55-60	2	1631
UT.ST.8.8.30	8	8	30	58-60	2	1654
UT.ST.8.8.40	8	8	40	70-75	2	2093
UT.ST.8.8.50	8	8	50	90-100	2	2724
UT.ST.10.10.30	10	10	30	65-70	2	2878
UT.ST.10.10.40	10	10	40	70-75	2	3155
UT.ST.10.10.50	10	10	50	90-100	2	4155
UT.ST.12.12.30	12	12	30	65-70	2	4078
UT.ST.12.12.40	12	12	40	70-75	2	4463
UT.ST.12.12.50	12	12	50	90-100	2	5848

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	Price
UT.SFS.03.12	3	3	12	40-45	1	254
UT.SFS.04.15	4	4	15	45-50	1	416
UT.SFS.05.15	5	5	15	45-50	1	616
UT.SFS.06.20	6	6	20	50-55	1	893
UT.SFS.08.25	8	8	25	55-60	1	1631
UT.SFS.10.30	10	10	30	65-70	1	2878

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	Price
UT.INS.02.6.6	2	6	6	50	2	331
UT.INS.02.6.8	2	8	6	50	2	331
UT.INS.03.8.6	3	6	8	50	2	331
UT.INS.03.8.8	3	8	8	50	2	331
UT.INS.03.15.6	3	6	15	60	2	431
UT.INS.03.15.8	3	8	15	60	2	431
UT.INS.03.10.12	3	12	10	65	2	331
UT.INS.04.12.6	4	6	12	55	2	431
UT.INS.04.12.8	4	8	12	55	2	431
UT.INS.04.15.8	4	8	15	60	2	508
UT.INS.04.20.8	4	8	20	65	2	585
UT.INS.04.15.12	4	12	15	70	2	508
UT.INS.04.20.12	4	12	20	75	2	585
UT.INS.05.20.12	5	12	20	75	2	693
UT.INS.06.15.12	6	12	15	70	2	654
UT.INS.06.25.12	6	12	25	80	2	846
UT.INS.08.15.12	8	12	15	70	2	1154
UT.INS.08.22.12	8	12	22	75	2	1308
UT.INS.08.28.12	8	12	28	80	2	2078

Solid Carbide Engraving Router Bit

Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Particle 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	Price
UT.EG.04.30	4	4	30°	50	1	616
UT.EG.04.60	4	4	60°	50	1	616
UT.EG.06.30	6	6	30°	55	1	1054
UT.EG.06.60	6	6	60°	55	1	1054
UT.EG.08.30	8	8	30°	60	1	1724
UT.EG.08.60	8	8	60°	60	1	1724

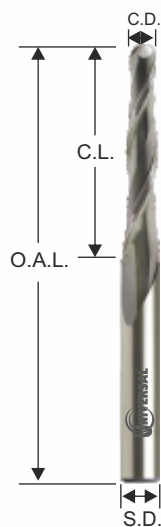
Solid Carbide Taper Ball Nose Spiral Bit

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	Price
UT.TBS.01.25.6	1-6	6	25	55	2	923
UT.TBS.02.25.6	2-6	6	25	55	2	923
UT.TBS.03.25.6	3-6	6	25	55	2	923
UT.TBS.04.25.6	4-6	6	25	55	2	923
UT.TBS.01.35.6	1-6	6	35	75	2	1231
UT.TBS.02.35.6	2-6	6	35	75	2	1231
UT.TBS.03.35.6	3-6	6	35	75	2	1308
UT.TBS.04.35.6	4-6	6	35	75	2	1385
UT.TBS.02.35.8	2-8	8	35	75	2	2078
UT.TBS.03.35.8	3-8	8	35	75	2	2155
UT.TBS.04.35.8	4-8	8	35	75	2	2232

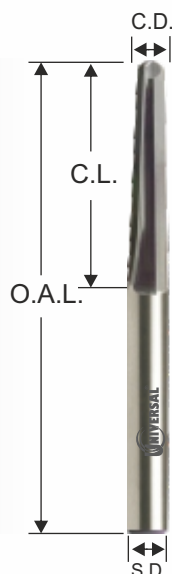
Solid Carbide Straight Taper Ball Nose Bit

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

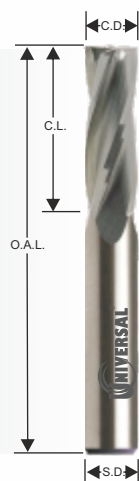


Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	Price
UT.STB.01.25.6	1-6	6	25	55	2	923
UT.STB.02.25.6	2-6	6	25	55	2	923
UT.STB.03.25.6	3-6	6	25	55	2	923
UT.STB.04.25.6	4-6	6	25	55	2	923
UT.STB.01.35.6	1-6	6	35	75	2	1231
UT.STB.02.35.6	2-6	6	35	75	2	1231
UT.STB.03.35.6	3-6	6	35	75	2	1308
UT.STB.04.35.6	4-6	6	35	75	2	1385
UT.STB.02.35.8	2-8	8	35	75	2	2078
UT.STB.03.35.8	3-8	8	35	75	2	2155
UT.STB.04.35.8	4-8	8	35	75	2	2232

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.



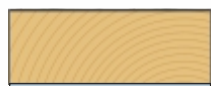
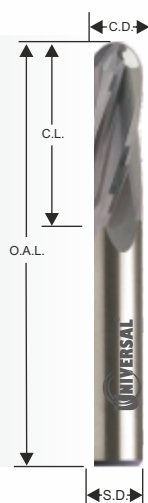
↑ Excellent Finish in Bottom Side Workpiece

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	Price
UT.FFS.03.15	3	3	15	45	4	277
UT.FFS.04.20	4	4	20	50	4	462
UT.FFS.05.20	5	5	20	50	4	677
UT.FFS.06.22	6	6	22	55	4	970
UT.FFS.08.25	8	8	25	60	4	1678

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	Price
UT.FFB.03.15	3	3	15	45	4	277
UT.FFB.04.20	4	4	20	50	4	462
UT.FFB.05.20	5	5	20	50	4	677
UT.FFB.06.20	6	6	20	55	4	970
UT.FFB.08.25	8	8	25	60	4	1678

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	Price
Extraction Nut	ER 32	2770

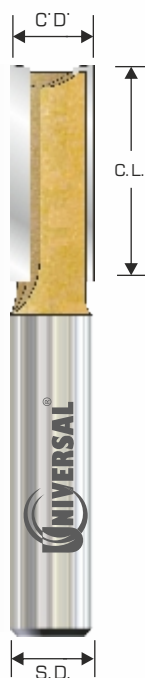
Remark : Special Specification is Available as per customers order

**EXTREMELY COST EFFECTIVE
WITH HIGH PRODUCTIVITY**

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	Price
UT.SB.6620	6	6	20	2	462
UT.SB.6820	6	8	20	2	462
UT.SB.8625	8	6	25	2	462
UT.SB.8825	8	8	25	2	462
UT.SB.81225	8	12	25	2	462
UT.SB.10625	10	6	25	2	477
UT.SB.10830	10	8	30	2	500
UT.SB.101230	10	12	30	2	500
UT.SB.12625	12	6	25	2	577
UT.SB.12830	12	8	30	2	577
UT.SB.121230	12	12	30	2	577

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

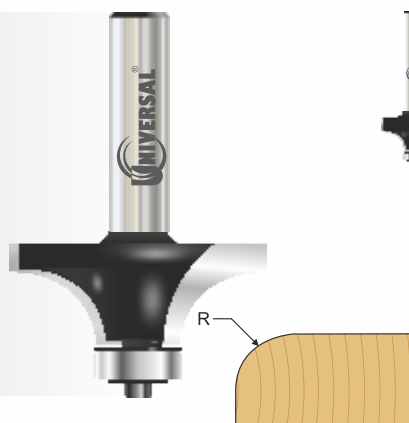


NEW ADDED

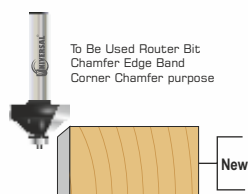
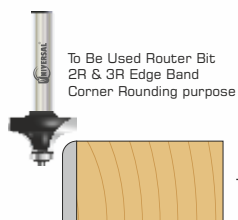
Premium Series

Order No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	Price
UT.TB.6206	6.35	6	20	2	577
UT.TB.6208	6.35	8	20	2	577
UT.TB.9256	9.52	6	25	2	600
UT.TB.9258	9.52	8	25	2	600
UT.TB.12256	12.7	6	25	2	693
UT.TB.12308	12.7	8	30	2	693
UT.TB.123012	12.7	12	30	2	693

TCT Brazed Corner Radius Bits - UT.CR Premium Quality



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

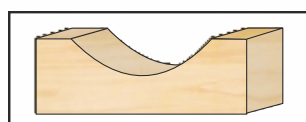
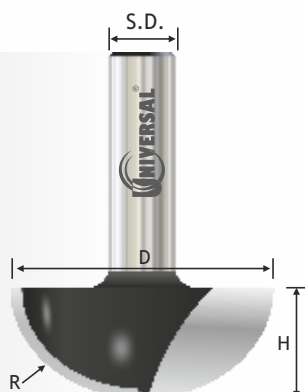


Code No.	Radius	H (mm)	C.D. (mm)	S.D. (mm)	Price
CR2.006	2R	7	16.7	6	539
CR2.635	2R	7	16.7	6.35	539
CR2.008	2R	7	16.7	8	539
CR3.006	3R	8	18.7	6	539
CR3.635	3R	8	18.7	6.35	539
CR3.008	3R	8	18.7	8	539
CR4.006	4R	10	20.7	6	693
CR4.008	4R	10	20.7	8	693
CR6.006	6R	11	24.7	6	693
CR6.635	6R	11	24.7	6.35	693
CR6.008	6R	11	24.7	8	693
CR9.008	9R	14	30.7	8	770
CR9.012	9R	14	30.7	12	770
CR12.08	12R	17	36.7	8	1000
CR12.12	12R	17	36.7	12	1000

Code No.	Chamfer	Degree	C.D. (mm)	S.D. (mm)	Price
CF.6.6.6	Max. 6x6	45°	25.4	6	770
CF.6.6.8	Max. 6x6	45°	25.4	8	770

CNC Router Bits For Membrane Doors Premium Quality

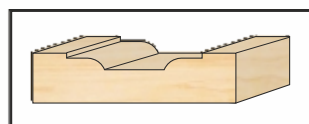
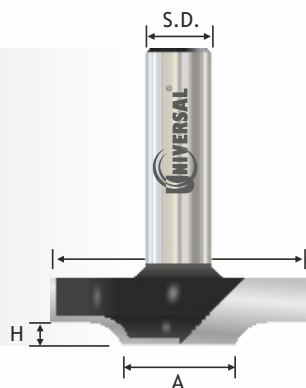
» Round Nose Bits



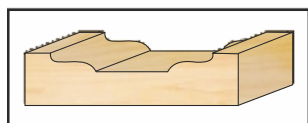
Code No.	Dia (mm)	R (mm)	Height (mm)	S.D. (mm)	Price
MD-137	8	4	10	12	539
MD-138	10	5	10	12	539
MD-139	12	6	12	12	539
MD-140	15	7.5	12	12	616
MD-141	19	9.5	15	12	654
MD-141A	20	10	15	12	731
MD-142	25	12.5	15	12	770
MD-142A	28	14	17	12	1131
MD-143	30	15	17	12	1131
MD-143A	30	17.5	15	12	1131
MD-144	32	16	18	12	1200
MD-145	35	17.5	20	12	1200
MD-145A	35	20	15	12	1200
MD-146	40	20	22	12	1400
MD-147	45	22.5	25	12	1770
MD-148	50	25	28	12	1847
MD-149	55	27.5	30	12	2616
MD-150	60	30	33	12	3463
MD-151	65	32.5	35	12	3848
MD-152	70	35	38	12	4155
MD-153	75	37.5	40	12	4540

CNC Router Bits For Membrane Doors

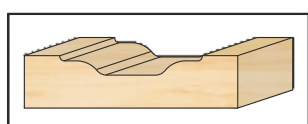
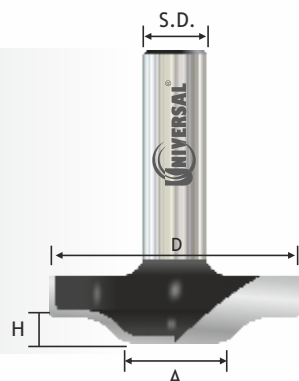
» Plung Ogee Fillet Design Bits - AMD Premium Quality



» Beading Groove Design Bits - BMD Premium Quality



» Classical Design Bits - CMD Premium Quality

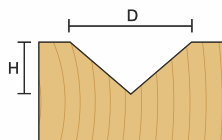


Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)	Price
AMD-251015	25	10	1.5	12	770
AMD-251020	25	10	2.0	12	770
AMD-301415	30	14	1.5	12	1077
AMD-301420	30	14	2.0	12	1077
AMD-301525	30	15	2.5	12	1077
AMD-321425	32	14	2.5	12	1154
AMD-321430	32	14	3.0	12	1154
AMD-351525	35	15	2.5	12	1154
AMD-351530	35	15	3.0	12	1154
AMD-351710	35	17	1.0	12	1154
AMD-351715	35	17	1.5	12	1154
AMD-351720	35	17	2.0	12	1154
AMD-351725	35	17	2.5	12	1154
AMD-351730	35	17	3.0	12	1154
AMD-351735	35	17	3.5	12	1154
AMD-351535	35	15	3.5	12	1154
AMD-351830	35	18	3.0	12	1154

Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)	Price
BMD-251015	25	10	1.5	12	770
BMD-251020	25	10	2.0	12	770
BMD-301525	30	15	2.5	12	1077
BMD-321425	32	14	2.5	12	1154
BMD-321430	32	14	3.0	12	1154
BMD-351715	35	17	1.5	12	1154
BMD-351720	35	17	2.0	12	1154
BMD-351725	35	17	2.5	12	1154
BMD-351730	35	17	3.0	12	1154
BMD-351735	35	17	3.5	12	1154
BMD-351535	35	15	3.5	12	1154
BMD-351830	35	18	3.0	12	1154

Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)	Price
CMD-251015	25	10	1.5	12	770
CMD-251020	25	10	2.0	12	770
CMD-301525	30	15	2.5	12	1077
CMD-321425	32	14	2.5	12	1154
CMD-321430	32	14	3.0	12	1154
CMD-351715	35	17	1.5	12	1154
CMD-351720	35	17	2.0	12	1154
CMD-351725	35	17	2.5	12	1154
CMD-351730	35	17	3.0	12	1154
CMD-351735	35	17	3.5	12	1154
CMD-351535	35	15	3.5	12	1154
CMD-351830	35	18	3.0	12	1154

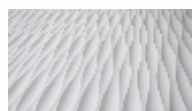
T.C.T. Brazed Pointed "V" Groove Bits Premium Quality



Code No.	C.D. (mm)	Degree°	H (mm)	S.D. (mm)	Price
VG.32.90.6	32	90°	16	6	1154
VG.32.90.8	32	90°	16	8	1154
VG.32.90.12	32	90°	16	12	1154
VG.32.120.6	32	120°	9	6	1154
VG.32.120.8	32	120°	9	8	1154
VG.32.120.12	32	120°	9	12	1154

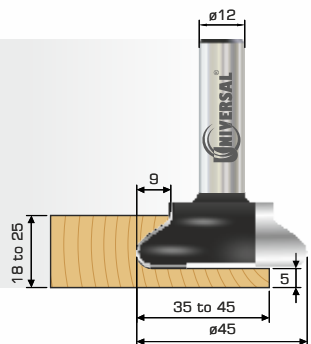
TCT Brazed Round Nose Bits Premium Quality

Router Bits Specially For Membrane Doors & Wave Boards



Code No.	C.D. (mm)	H (mm)	S.D. (mm)	Price
WB-MD-139	12	2.5	12	631
WB-MD-140	15	2.5	12	654
WB-MD-141	19	2.5	12	731
WB-MD-142	25	2.5	12	770
WB-MD-143	30	2.5	12	1077
WB-MD-144	32	2.5	12	1154
WB-MD-145	35	2.5	12	1154

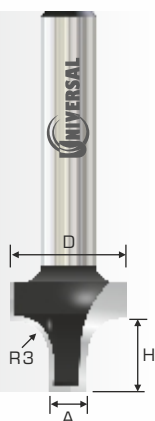
TCT Brazed J Profile Router Bits Premium Quality



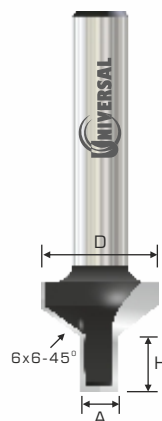
Code No.	C.D. (mm)	S.D. (mm)	Price
UT.HLR.101	45	12	2001
UT.HLR.101-A	45	8	2001

TCT Brazed Radius Grill Bit Premium Quality

TCT Brazed Tapper Grill Bit Premium Quality



Code No.	C.D. (mm)	A (mm)	H (mm)	Z	Price
GR-1	18	6	10	2	800
GR-2	18	6	12	2	846
GR-3	18	6	15	2	923



Code No.	C.D. (mm)	A (mm)	H (mm)	Z	Price
GT-1	18	6	8	2	893
GT-2	18	6	10	2	923
GT-3	18	6	12	2	1000
GT-4	18	6	15	2	1077



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



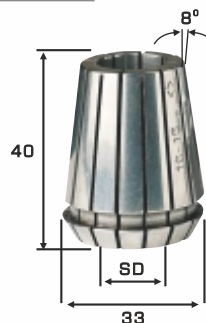
Code No.	C.D. (mm)	Price
ER20.03	3	539
ER20.04	4	539
ER20.05	5	539
ER20.06	6	539
ER20.08	8	539
ER20.10	10	539
ER20.12	12	539
ER20.13	13	539

ER25



Code No.	C.D. (mm)	Price
ER25.03	3	539
ER25.04	4	539
ER25.05	5	539
ER25.06	6	539
ER25.08	8	539
ER25.10	10	539
ER25.12	12	539
ER25.13	13	539
ER25.16	16	539

ER32



Code No.	C.D. (mm)	Price
ER32.03	3	616
ER32.04	4	616
ER32.05	5	616
ER32.06	6	616
ER32.08	8	616
ER32.10	10	616
ER32.12	12	616
ER32.13	13	616
ER32.16	16	616
ER32.18	18	616

ER40



Code No.	C.D. (mm)	Price
ER40.03	3	1077
ER40.04	4	1077
ER40.05	5	1077
ER40.06	6	1077
ER40.08	8	1077
ER40.10	10	1077
ER40.12	12	1077
ER40.13	13	1077
ER40.16	16	1077
ER40.18	18	1077
ER40.20	20	1077

Spanner



» ER.20

CODE NO.: ER20.US
PRICE.: 770/-

» ER.25

CODE NO.: ER25.US
PRICE.: 770/-

» ER.32

CODE NO.: ER32.US
PRICE.: 770/-

» ER.40

CODE NO.: ER40.US
PRICE.: 1077/-

Clamping Nuts For Collets



» ER.20

CODE NO.: ER20.NUT
PRICE.: 770/-

» ER.25

CODE NO.: ER25.NUT
PRICE.: 770/-

» ER.32

CODE NO.: ER32.NUT
PRICE.: 770/-

» ER.40

CODE NO.: ER40.NUT
PRICE.: 1077/-

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



Order No.	Dia	Oal	CL	Shank	Price
UMB.370RH	3mm	70mm	40mm	10x30mm	262
UMB.370LH	3mm	70mm	40mm	10x30mm	262
UMB.570RH	5mm	70mm	40mm	10x30mm	262
UMB.570LH	5mm	70mm	40mm	10x30mm	262
UMB.670RH	6mm	70mm	40mm	10x30mm	285
UMB.670LH	6mm	70mm	40mm	10x30mm	285
UMB.870RH	8mm	70mm	40mm	10x30mm	308
UMB.870LH	8mm	70mm	40mm	10x30mm	308
UMB.1070RH	10mm	70mm	40mm	10x30mm	339
UMB.1070LH	10mm	70mm	40mm	10x30mm	339
UMB.1570RH	15mm	70mm	40mm	10x30mm	539
UMB.1570LH	15mm	70mm	40mm	10x30mm	539

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



Order No.	Dia	Oal	Shank	Price
UHB.15.70RH	15mm	70mm	10x30mm	693
UHB.15.70LH	15mm	70mm	10x30mm	693
UHB.20.70RH	20mm	70mm	10x30mm	846
UHB.20.70LH	20mm	70mm	10x30mm	846
UHB.35.70RH	35mm	70mm	10x30mm	923
UHB.35.70LH	35mm	70mm	10x30mm	923

Adaptor for Multi Boring Machines - ADP

Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-101	19.4	10	14	40	308



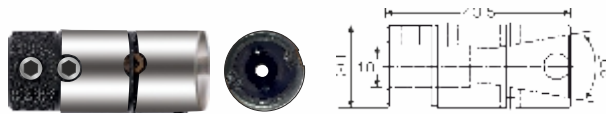
Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-102	18	10	12	42	308



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-103	18.6	10	12	44	462



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-104	20	10	13	43.5	615



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-105	17	10	12	46	615



Order No.	D1 (mm)	D2 (mm)	D3 (mm)	Oal (mm)	Price
ADP-106	20	10	14	45	462





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PRODUCTION | SALES | SERVICE



SAWING / BORING / ROUTING / CUTTING / MILLING

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)

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

NEW ADDED

**PREMIUM
SERIES**



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AA.INS.02.6.6	2	6	6	50	2	331
AA.INS.02.6.8	2	8	6	50	2	331
AA.INS.03.8.6	3	6	8	50	2	362
AA.INS.03.8.8	3	8	8	50	2	362
AA.INS.03.15.6	3	6	15	60	2	431
AA.INS.03.15.8	3	8	15	60	2	431
AA.INS.03.10.12	3	12	10	65	2	385
AA.INS.04.12.6	4	6	12	55	2	515
AA.INS.04.12.8	4	8	12	55	2	515
AA.INS.04.15.8	4	8	15	65	2	569
AA.INS.04.20.8	4	8	20	65	2	654
AA.INS.04.15.12	4	12	15	70	2	569
AA.INS.04.20.12	4	12	20	75	2	677
AA.INS.05.20.12	5	12	20	75	2	862
AA.INS.06.15.12	6	12	15	70	2	923
AA.INS.06.25.12	6	12	25	80	2	1308
AA.INS.08.15.12	8	12	15	70	2	1539
AA.INS.08.30.12	8	12	30	85	2	2462

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	PRICE
AA.INS.3F.622.12	6	12	22	75	3	1154
AA.INS.3F.628.12	6	12	28	80	3	1462
AA.INS.3F.822.12	8	12	22	75	3	1923
AA.INS.3F.828.12	8	12	28	80	3	2385
AA.INS.3F.1030.12	10	12	30	85	3	3923

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	PRICE
AA.CB.3F.622.12	6	12	22	75	3	1154
AA.CB.3F.628.12	6	12	28	80	3	1462
AA.CB.3F.822.12	8	12	22	75	3	1923
AA.CB.3F.828.12	8	12	28	80	3	2385
AA.CB.3F.1030.12	10	12	30	85	3	3923

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
COMPARED TO
UNCOATED BITS**

**The Titanium- nitride coating
EXTREME TOOL LIFE COATING**

*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.



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	PRICE
AT.INS.02.6.6	2	6	6	50	2	331
AT.INS.02.6.8	2	8	6	50	2	331
AT.INS.03.8.6	3	6	8	50	2	331
AT.INS.03.8.8	3	8	8	50	2	331
AT.INS.03.15.6	3	6	15	60	2	431
AT.INS.03.15.8	3	8	15	60	2	431
AT.INS.03.10.12	3	12	10	65	2	331
AT.INS.04.12.6	4	6	12	55	2	431
AT.INS.04.12.8	4	8	12	55	2	431
AT.INS.04.15.8	4	8	15	60	2	508
AT.INS.04.20.8	4	8	20	65	2	585
AT.INS.04.15.12	4	12	15	70	2	508
AT.INS.04.20.12	4	12	20	75	2	585
AT.INS.05.20.12	5	12	20	75	2	692
AT.INS.06.15.12	6	12	15	70	2	654
AT.INS.06.25.12	6	12	25	80	2	846
AT.INS.08.15.12	8	12	15	70	2	1154
AT.INS.08.22.12	8	12	22	75	2	1308
AT.INS.08.28.12	8	12	28	80	2	2077

3 Flute TCT Solid Carbide Straight Bits (Steel Shank)

**TiN.
1.5X
LONGER LIFE
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

*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.



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

Technical Details:

It's Made Of High Hardness Alloy (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	PRICE
AT.INS.3F.622.12	6	12	22	75	3	654
AT.INS.3F.628.12	6	12	28	80	3	1077
AT.INS.3F.822.12	8	12	22	75	3	1346
AT.INS.3F.828.12	8	12	28	80	3	1846
AT.INS.3F.1030.12	10	12	30	85	3	3154

Remark : Special Specification is Available as per customers order

3 Flute TCT Solid Carbide Straight Bits with Chipbreaker (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
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

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

Technical Details:

It's Made Of High Hardness Alloy (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	PRICE
AT.CB.3F.622.12	6	12	22	75	3	654
AT.CB.3F.628.12	6	12	28	80	3	1077
AT.CB.3F.822.12	8	12	22	75	3	1346
AT.CB.3F.828.12	8	12	28	80	3	1846
AT.CB.3F.1030.12	10	12	30	85	3	3154

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.
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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

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*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.



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

Technical Details:

It's Made Of High Hardness Alloy (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	PRICE
AT.CB.4F.622.12	6	12	22	75	4	692
AT.CB.4F.628.12	6	12	28	80	4	1154
AT.CB.4F.822.12	8	12	22	75	4	1385
AT.CB.4F.828.12	8	12	28	80	4	1923
AT.CB.4F.1030.12	10	12	30	85	4	3231

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
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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

*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.



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

Technical Details:

It's Made Of High Hardness Alloy (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	PRICE
AT.UDSC.622.12	6	12	22	75	2	1462
AT.UDSC.628.12	6	12	28	80	2	1616
AT.UDSC.822.12	8	12	22	80	2	1769
AT.UDSC.828.12	8	12	28	85	2	2539
AT.UDSC.1030.12	10	12	30	90	2	3693
AT.UDSC.1230.12	12	12	30	90	2	6770

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
COMPARED TO
UNCOATED BITS

The Titanium- nitride coating
EXTREME TOOL LIFE COATING

*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.



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	PRICE
AT.SIN.02.10.6	2	6	10	60	2	500
AT.SIN.02.10.8	2	8	10	60	2	500
AT.SIN.02.10.12	2	12	10	60	2	500
AT.SIN.03.15.6	3	6	15	65	2	539
AT.SIN.03.15.8	3	8	15	65	2	539
AT.SIN.03.15.12	3	12	15	65	2	539
AT.SIN.04.20.6	4	6	20	70	2	769
AT.SIN.04.20.8	4	8	20	70	2	769
AT.SIN.04.20.12	4	12	20	75	2	769
AT.SIN.05.20.12	5	12	20	75	2	846
AT.SIN.06.22.12	6	12	22	75	2	1000
AT.SIN.06.28.12	6	12	28	85	2	1616
AT.SIN.08.28.12	8	12	28	85	2	2539
AT.SIN.10.30.12	10	12	30	85	2	3693

Remark : Special Specification is Available as per customers order

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

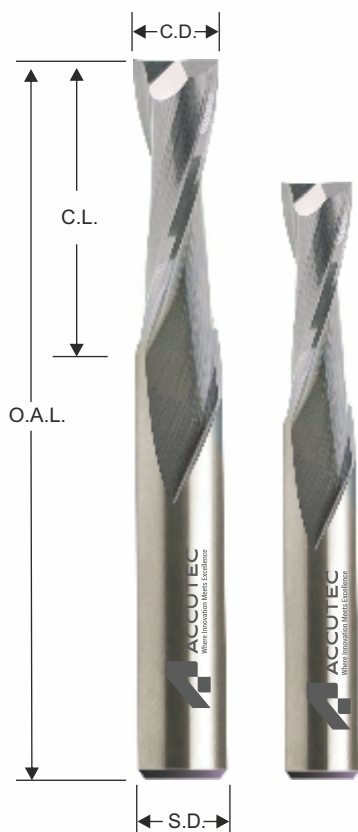
Application : Used For Ripping, Template Routing, Panel Sizing And Through & blind Cutting Application on Solid Wood, MDF, Particle Board, Melamine Board, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed on Well-clamped Work Pieces.

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	PRICE
AT.TFS.02.12	2	3	12	50	2	308
AT.TFS.03.15	3	3	15	50	2	308
AT.TFS.04.20	4	4	20	55	2	539
AT.TFS.05.20	5	5	20	60	2	846
AT.TFS.06.22	6	6	22	60	2	1046
AT.TFS.08.30	8	8	30	65	2	2108
AT.TFS.10.30	10	10	30	70	2	3385
AT.TFS.12.30	12	12	30	75	2	5154
AT.TFS.14.50	14	14	50	100	2	9385
AT.TFS.16.50	16	16	50	100	2	12155
AT.TFS.18.50	18	18	50	100	2	15232
AT.TFS.20.50	20	20	50	100	2	18617

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.TFS.03.25	3	3	25	65	2	431
AT.TFS.04.35	4	4	35	75	2	692
AT.TFS.05.35	5	5	35	75	2	1000
AT.TFS.06.35	6	6	35	75	2	1400
AT.TFS.06.50	6	6	50	100	2	1846
AT.TFS.08.40	8	8	40	75	2	2462
AT.TFS.08.50	8	8	50	100	2	3231
AT.TFS.10.40	10	10	40	75	2	3308
AT.TFS.10.50	10	10	50	100	2	4847
AT.TFS.10.75	10	10	75	150	2	7462
AT.TFS.12.40	12	12	40	75	2	5308
AT.TFS.12.50	12	12	50	100	2	6893
AT.TFS.12.75	12	12	75	150	2	10570
AT.TFS.14.75	14	14	75	150	2	14217
AT.TFS.16.75	16	16	75	150	2	18309
AT.TFS.18.75	18	18	75	150	2	23079
AT.TFS.20.75	20	20	75	150	2	28310

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	PRICE
AT.TFB.02.08	2	3	8	50	2	308
AT.TFB.03.15	3	3	15	50	2	308
AT.TFB.04.20	4	4	20	55	2	539
AT.TFB.05.20	5	5	20	60	2	846
AT.TFB.06.20	6	6	20	60	2	1046
AT.TFB.08.20	8	8	20	65	2	2108
AT.TFB.10.30	10	10	30	70	2	3423
AT.TFB.12.30	12	12	30	75	2	5154

(Extra Long Series)

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.TFB.03.20	3	3	20	65	2	462
AT.TFB.04.25	4	4	25	75	2	692
AT.TFB.05.25	5	5	25	75	2	1000
AT.TFB.06.30	6	6	30	75	2	1385
AT.TFB.06.40	6	6	40	100	2	1846
AT.TFB.06.50	6	6	50	150	2	2616
AT.TFB.08.30	8	8	30	75	2	2385
AT.TFB.08.40	8	8	40	100	2	3231
AT.TFB.08.50	8	8	50	150	2	4616
AT.TFB.10.50	10	10	50	100	2	4847
AT.TFB.12.50	12	12	50	100	2	6924

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	PRICE
AT.EG.03.30	3	3	30°	50	1	539
AT.EG.04.30	4	4	30°	55	1	708
AT.EG.04.60	4	4	60°	55	1	708
AT.EG.06.30	6	6	30°	60	1	1277
AT.EG.06.60	6	6	60°	60	1	1277
AT.EG.08.30	8	8	30°	65	1	2277
AT.EG.08.60	8	8	60°	65	1	2277

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	PRICE
AT.ST.4.4.15	4	4	15	55	2	515
AT.ST.4.4.20	4	4	20	55	2	515
AT.ST.4.6.15	4	6	15	55	2	908
AT.ST.4.6.20	4	6	20	60	2	908
AT.ST.5.6.15	5	6	15	60	2	1015
AT.ST.5.6.25	5	6	25	60	2	1015
AT.ST.5.8.25	5	8	25	65	2	1539
AT.ST.6.6.20	6	6	20	60	2	1046
AT.ST.6.6.25	6	6	25	60	2	1046
AT.ST.6.6.30	6	6	30	60	2	1154
AT.ST.6.6.40	6	6	40	75	2	1462
AT.ST.6.8.25	6	8	25	65	2	1731
AT.ST.8.8.25	8	8	25	65	2	2108
AT.ST.8.8.30	8	8	30	65	2	2108
AT.ST.8.8.40	8	8	40	75	2	2462
AT.ST.8.8.50	8	8	50	100	2	3231
AT.ST.10.10.30	10	10	30	70	2	3423
AT.ST.10.10.40	10	10	40	75	2	3770
AT.ST.10.10.50	10	10	50	100	2	4847
AT.ST.10.10.75	10	10	75	150	2	7462
AT.ST.12.12.30	12	12	30	75	2	5154
AT.ST.12.12.40	12	12	40	75	2	5308
AT.ST.12.12.50	12	12	50	100	2	6924
AT.ST.12.12.75	12	12	75	150	2	10309

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	PRICE
AT.AL.5.25.80	5	8	25	-	80	1	2308
AT.AL.5.14.125	5	8	14	65	125	1	2923
AT.AL.6.14.80	6	8	14	-	80	1	1692
AT.AL.8.14.80	8	8	14	-	80	1	1385
AT.AL.10.14.80	10	8	14	-	80	1	1846



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.

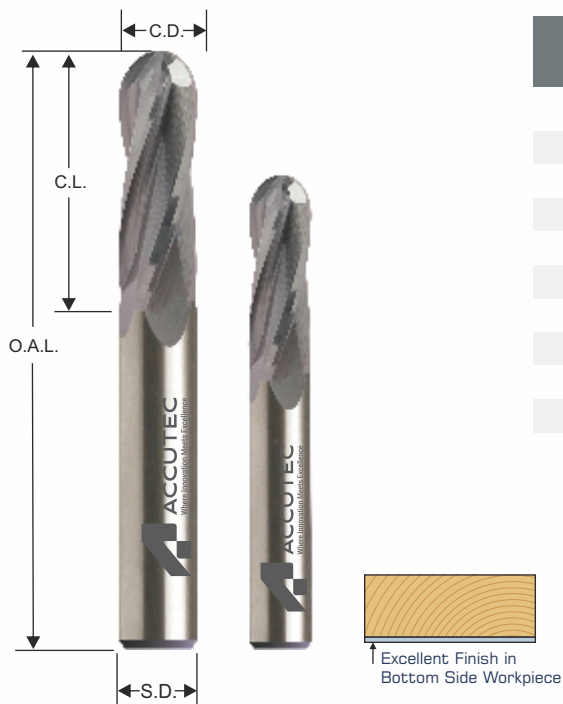
Technical Details:

- 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	PRICE
AT.FFS.03.15	3	3	15	50	4	346
AT.FFS.03.20	3	3	20	50	4	346
AT.FFS.04.20	4	4	20	55	4	569
AT.FFS.04.40	4	4	40	75	4	885
AT.FFS.04.45	4	4	45	100	4	1077
AT.FFS.05.20	5	5	20	60	4	892
AT.FFS.05.40	5	5	40	75	4	1269
AT.FFS.05.45	5	5	45	100	4	1539
AT.FFS.06.22	6	6	22	60	4	1231
AT.FFS.06.40	6	6	40	75	4	1692
AT.FFS.06.45	6	6	45	100	4	2116
AT.FFS.08.25	8	8	25	65	4	2231
AT.FFS.08.40	8	8	40	75	4	2846
AT.FFS.08.50	8	8	50	100	4	3539
AT.FFS.10.30	10	10	30	70	4	3539
AT.FFS.10.50	10	10	50	100	4	5308
AT.FFS.12.30	12	12	30	75	4	5308
AT.FFS.12.50	12	12	50	100	4	7385

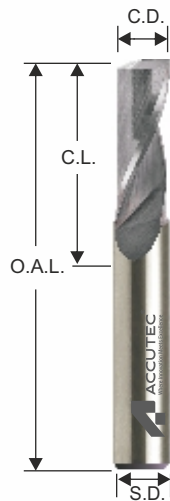
Four Flute Solid Carbide Ball Nose Bits - AT.FFB



ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.FFB.03.15	3	3	15	50	4	346
AT.FFB.04.20	4	4	20	55	4	569
AT.FFB.04.25	4	4	25	75	4	715
AT.FFB.05.20	5	5	20	60	4	892
AT.FFB.05.25	5	5	25	75	4	1077
AT.FFB.06.20	6	6	20	60	4	1231
AT.FFB.06.30	6	6	30	75	4	1462
AT.FFB.08.20	8	8	20	65	4	2231
AT.FFB.08.30	8	8	30	75	4	2462
AT.FFB.10.30	10	10	30	70	4	3539
AT.FFB.12.30	12	12	30	75	4	5308

Remark : Special Specification is Available as per customers order

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



» Up Cut

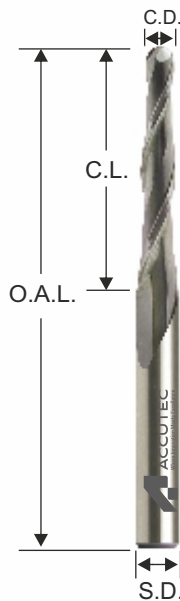


Application : Design To Provide A Smoother Finished Cut And Rout Wood Composite Where Upward Chip Removal, Long Life And Quality Finish Are Desired.

Use In : ACP, Acrylic, Shine Board & Plastic.

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.SFS.02.12	2	3	12	50	1	308
AT.SFS.03.12	3	3	12	50	1	308
AT.SFS.04.15	4	4	15	55	1	539
AT.SFS.05.15	5	5	15	60	1	846
AT.SFS.06.20	6	6	20	60	1	1046
AT.SFS.08.25	8	8	25	65	1	2154
AT.SFS.10.30	10	10	30	70	1	3385

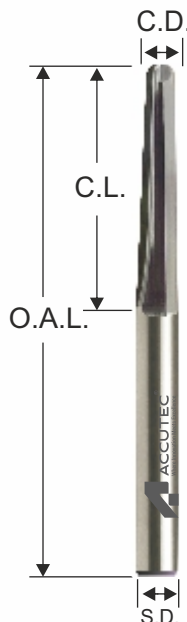
» Solid Carbide Taper Ball Nose Spiral Bit - AT.TBS



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	PRICE
AT.TBS.01.25.6	1	6	25	55	2	923
AT.TBS.02.25.6	2	6	25	55	2	923
AT.TBS.03.25.6	3	6	25	55	2	923
AT.TBS.01.35.6	1	6	35	75	2	1154
AT.TBS.02.35.6	2	6	35	75	2	1154
AT.TBS.02.35.8	2	8	35	75	2	1923
AT.TBS.03.35.6	3	6	35	75	2	1231
AT.TBS.03.35.8	3	8	35	75	2	2000
AT.TBS.04.35.6	4	6	35	75	2	1308
AT.TBS.04.35.8	4	8	35	75	2	2077

» 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	PRICE
AT.STB.01.25.6	1	6	25	55	2	923
AT.STB.02.25.6	2	6	25	55	2	923
AT.STB.03.25.6	3	6	25	55	2	923
AT.STB.01.35.6	1	6	35	75	2	1154
AT.STB.02.35.6	2	6	35	75	2	1154
AT.STB.02.35.8	2	8	35	75	2	1923
AT.STB.03.35.6	3	6	35	75	2	1231
AT.STB.03.35.8	3	8	35	75	2	2000
AT.STB.04.35.6	4	6	35	75	2	1308
AT.STB.04.35.8	4	8	35	75	2	2077

Remark : Special Specification is Available as per customers order

Solid Carbide Single Flute Cutters for Copy Routers **For Aluminum Cutting**

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	PRICE
AT.SFS.3.12.6.60	3	6	12	60	1	1462
AT.SFS.4.14.6.60	4	6	14	60	1	1462
AT.SFS.5.14.6.60	5	6	14	60	1	1462
AT.SFS.6.14.6.60	6	6	14	60	1	1308

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.SFS.5.14.6.80	5	6	14	80	1	1769
AT.SFS.6.14.6.80	6	6	14	80	1	1616



Solid Carbide Single Flute Cutters for Copy Routers **For Aluminum Cutting**

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	PRICE
AT.SFS.4.14.8.80	4	8	14	80	1	2846
AT.SFS.5.14.8.80	5	8	14	80	1	2846
AT.SFS.6.14.8.80	6	8	14	80	1	2846
AT.SFS.8.14.8.80	8	8	14	80	1	2693

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.SFS.10.14.10.80	10	10	14	80	1	4770
AT.SFS.10.25.10.100	10	10	25	100	1	4924



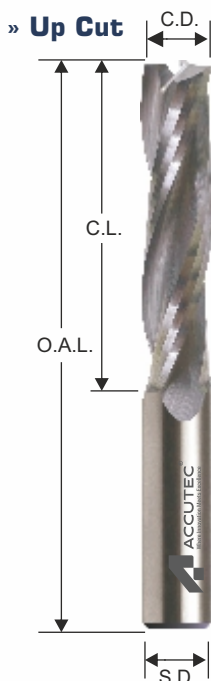
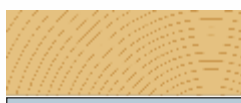
» Three Flute Solid Carbide Up Cut Spiral Bits - AT.3FS.UC

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


**PREMIUM
SERIES**


Excellent Finish in
Bottom Side Workpiece

ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z	PRICE
AT.3FS.UC.08.22	8	8	22	65	3	2231
AT.3FS.UC.08.32	8	8	32	70	3	2539
AT.3FS.UC.10.32	10	10	32	70	3	3616
AT.3FS.UC.10.42	10	10	42	90	3	5308
AT.3FS.UC.10.52	10	10	52	100	3	5385
AT.3FS.UC.12.32	12	12	32	75	3	5385
AT.3FS.UC.12.42	12	12	42	90	3	7385
AT.3FS.UC.12.52	12	12	52	100	3	7539
AT.3FS.UC.14.42	14	14	42	100	3	10001
AT.3FS.UC.14.52	14	14	52	100	3	10155
AT.3FS.UC.16.42	16	16	42	100	3	12770
AT.3FS.UC.16.52	16	16	52	100	3	12924
AT.3FS.UC.16.75	16	16	75	125	3	19233
AT.3FS.UC.18.52	18	18	52	100	3	16155
AT.3FS.UC.18.75	18	18	75	125	3	24156
AT.3FS.UC.20.52	20	20	52	100	3	19694
AT.3FS.UC.20.75	20	20	75	125	3	29541
AT.3FS.UC.20.102	20	20	102	150	3	30618

*Also Available LH Rotation Bit

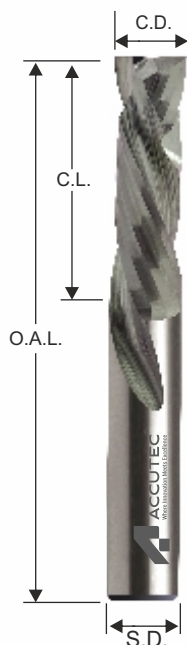
» Solid Carbide Up & Down Cut Spiral Bit - AT.UDS

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 [2Z+2].
- Provide An Excellent Finish On Both The Top And The Bottom Side Of The Workpiece.

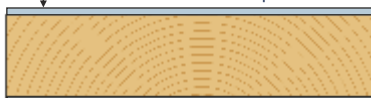

**PREMIUM
SERIES**

**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	PRICE
AT.UDS.08.22	8	8	22	75	2+2	2769
AT.UDS.08.32	8	8	32	75	2+2	2846
AT.UDS.10.32	10	10	32	75	2+2	4231
AT.UDS.10.42	10	10	42	75	2+2	4308
AT.UDS.12.32	12	12	32	75	2+2	5770
AT.UDS.12.42	12	12	42	75	2+2	5847
AT.UDS.12.52	12	12	52	100	2+2	7462
AT.UDS.16.52	16	16	52	100	2+2	13078
AT.UDS.18.52	18	18	52	100	2+2	16463
AT.UDS.20.52	20	20	52	100	2+2	20002

Excellent Finish in Top Side Workpiece



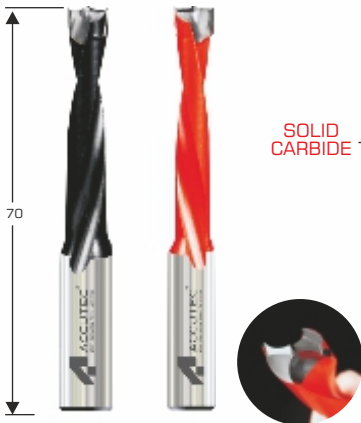
Excellent Finish in Bottom Side Workpiece

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



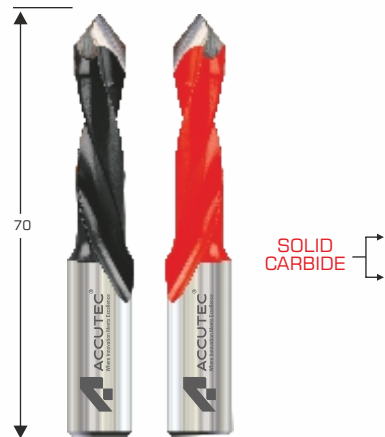
STANDARD SERIES

ORDER NO. Right Hand Rotation	PRICE	ORDER NO. Left Hand Rotation	PRICE	DIA. (mm)	OAL (mm)	CL (mm)	SHANK (mm)
ATB.EMB.370R	692	ATB.EMB.370L	692	3	70	35	10x30
ATB.EMB.470R	846	ATB.EMB.470L	846	4	70	35	10x30
ATB.EMB.570R	462	ATB.EMB.570L	462	5	70	35	10x30
ATB.EMB.670R	477	ATB.EMB.670L	477	6	70	35	10x30
ATB.EMB.870R	539	ATB.EMB.870L	539	8	70	35	10x30
ATB.EMB.1070R	654	ATB.EMB.1070L	654	10	70	35	10x30
ATB.EMB.1270R	846	ATB.EMB.1270L	846	12	70	35	10x30
ATB.EMB.1570R	1123	ATB.EMB.1570L	1123	15	70	35	10x30

➤ 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	PRICE	ORDER NO. Left Hand Rotation	PRICE	DIA. (mm)	OAL (mm)	CL (mm)	SHANK (mm)
ATB.ETH.370R	692	ATB.ETH.370L	692	3	70	35	10x30
ATB.ETH.470R	877	ATB.ETH.470L	877	4	70	35	10x30
ATB.ETH.570R	539	ATB.ETH.570L	539	5	70	35	10x30
ATB.ETH.670R	539	ATB.ETH.670L	539	6	70	35	10x30
ATB.ETH.870R	615	ATB.ETH.870L	615	8	70	35	10x30
ATB.ETH.1070R	808	ATB.ETH.1070L	808	10	70	35	10x30
ATB.ETH.1270R	1115	ATB.ETH.1270L	1115	12	70	35	10x30

➤ 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	PRICE	ORDER NO. Left Hand Rotation	PRICE	DIA. (mm)	OAL (mm)	SHANK (mm)
ATB.EHB.15.70R	692	ATB.EHB.15.70L	692	15	70	10x26
ATB.EHB.20.70R	846	ATB.EHB.20.70L	846	20	70	10x26
ATB.EHB.35.70R	923	ATB.EHB.35.70L	923	35	70	10x26

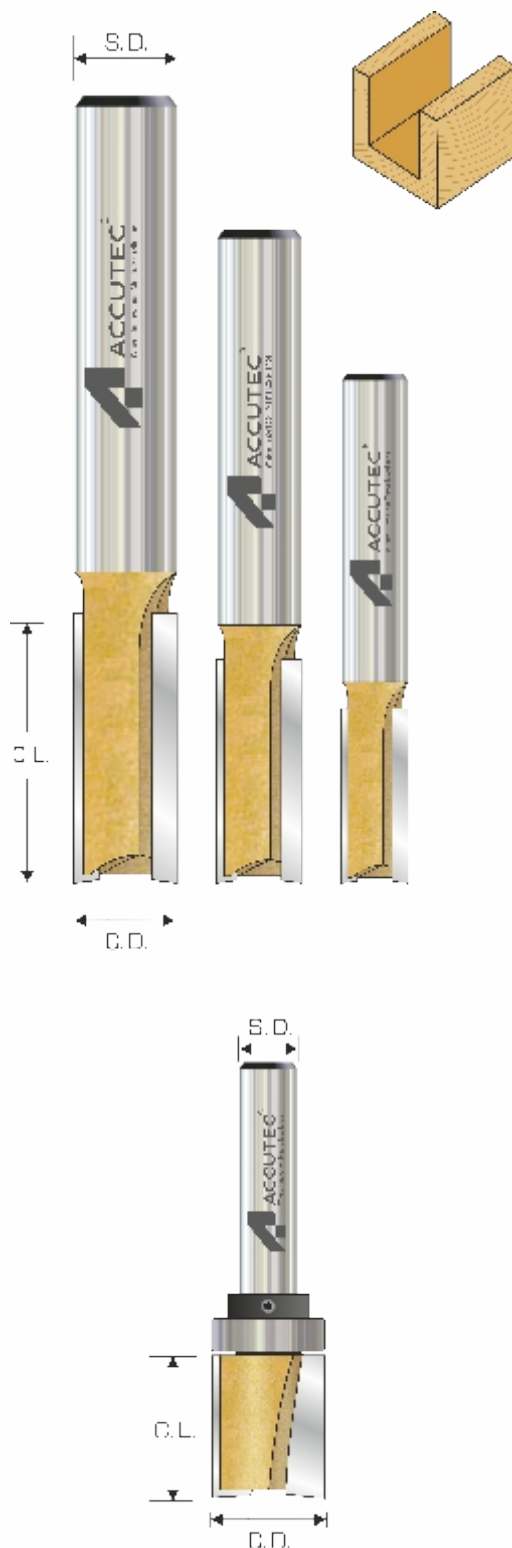
Remark : Special Specification is Available as per customers order

➤ T.C.T. Brazed Straight Bits - AT.SB

**EXTREMELY COST EFFECTIVE
WITH HIGH PRODUCTIVITY**
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	PRICE
AT.SB.5620	5	6	20	2	615
AT.SB.5820	5	8	20	2	615
AT.SB.6620	6	6	20	2	615
AT.SB.6820	6	8	20	2	615
AT.SB.61215	6	12	15	2	615
AT.SB.61220	6	12	20	2	615
AT.SB.7825	7	8	25	2	677
AT.SB.71225	7	12	25	2	692
AT.SB.8625	8	6	25	2	662
AT.SB.8825	8	8	25	2	662
AT.SB.8630	8	6	30	2	769
AT.SB.8830	8	8	30	2	769
AT.SB.81215	8	12	15	2	692
AT.SB.81225	8	12	25	2	692
AT.SB.81230	8	12	30	2	769
AT.SB.81235	8	12	35	2	923
AT.SB.91220	9	12	20	2	769
AT.SB.91230	9	12	30	2	769
AT.SB.10625	10	6	25	2	769
AT.SB.10830	10	8	30	2	769
AT.SB.101220	10	12	20	2	769
AT.SB.101230	10	12	30	2	769
AT.SB.101238	10	12	38	2	1154
AT.SB.101250	10	12	50	2	1923
AT.SB.11830	11	8	30	2	846
AT.SB.111230	11	12	30	2	846
AT.SB.12625	12	6	25	2	846
AT.SB.12830	12	8	30	2	846
AT.SB.121220	12	12	20	2	846
AT.SB.121230	12	12	30	2	846
AT.SB.121238	12	12	38	2	1154
AT.SB.121250	12	12	50	2	2308
AT.SB.121265	12	12	65	2	3385
AT.SB.121275	12	12	75	2	4000
AT.SB.151230	15	12	30	2	1231
AT.SB.161230	16	12	30	2	1231
AT.SB.181230	18	12	30	2	1231
AT.SB.191230	19	12	30	2	1308
AT.SB.201230	20	12	30	2	1308
AT.SB.221230	22	12	30	2	1308
AT.SB.251230	25	12	30	2	1385
AT.SB.301230	30	12	30	2	1462

Pattern Bits With Shank Mounted Bearing

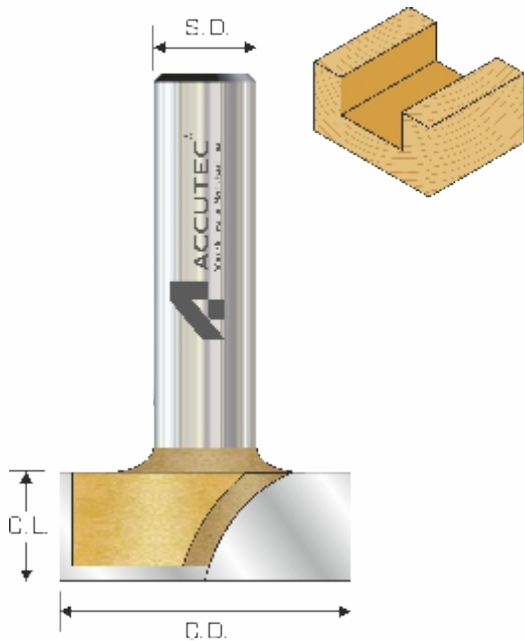
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
AT.PB.12620	12	6	20	2	969
AT.PB.12625	12	6	25	2	1000
AT.PB.16625	16	6	25	2	1231
AT.PB.19625	19	6	25	2	1385
AT.PB.16825	16	8	25	2	1231
AT.PB.16840	16	8	40	2	1692
AT.PB.19825	19	8	25	2	1385
AT.PB.22825	22	8	25	2	1692

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

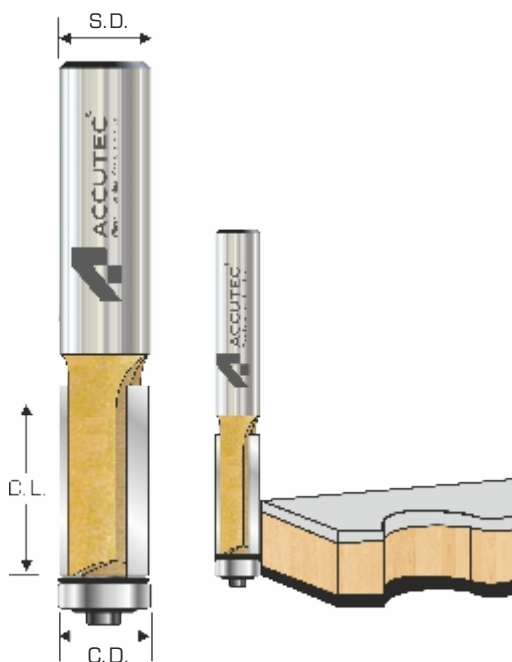
ORDER NO.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z	PRICE
AT.SB.101212	10	12	12	2	1077
AT.SB.121212	12	12	12	2	1077
AT.SB.151215	15	12	15	2	1077
AT.SB.161215	16	12	15	2	1077
AT.SB.181215	18	12	15	2	1231
AT.SB.191215	19	12	15	2	1231
AT.SB.201215	20	12	15	2	1231
AT.SB.221215	22	12	15	2	1231
AT.SB.251215	25	12	15	2	1231
AT.SB.281215	28	12	15	2	1692
AT.SB.301215	30	12	15	2	1692
AT.SB.321215	32	12	15	2	1846
AT.SB.351215	35	12	15	2	1846
AT.SB.381215	38	12	15	2	2154
AT.SB.401215	40	12	15	2	2154
AT.SB.421215	42	12	15	2	2308
AT.SB.451215	45	12	15	2	2308
AT.SB.501215	50	12	15	2	2769

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

**EXTREMELY COST EFFECTIVE
WITH HIGH PRODUCTIVITY**

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	PRICE
AT.TB.6206	6.35	6	20	2	739
AT.TB.6208	6.35	8	20	2	846
AT.TB.62012	6.35	12	20	2	846
AT.TB.9256	9.52	6	25	2	892
AT.TB.9258	9.52	8	25	2	892
AT.TB.93012	9.52	12	30	2	969
AT.TB.95012	9.52	12	50	2	1923
AT.TB.12256	12.7	6	25	2	1077
AT.TB.12308	12.7	8	30	2	1077
AT.TB.123012	12.7	12	30	2	1077
AT.TB.123812	12.7	12	38	2	1539
AT.TB.125012	12.7	12	50	2	2000
AT.TB.126512	12.7	12	65	2	3616
AT.TB.127512	12.7	12	75	2	3770

HIGH PERFORMANCE SAW BLADE

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

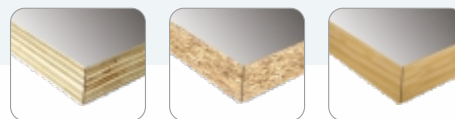
Main Saw Blade


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	PRICE
AT.SB. 1080T-IC	250	3.2	30	80	TC pos.	 	5231
AT.SB. 1296T-IC	300	3.2	30	96	TC pos.	 	5231
AT.SB. 14108T-IC	350	3.5	30	108	TC pos.	 	8616
AT.SB. 1296A-IC	300	3.2	30	96	ATB	 	5231
AT.SB. 14108A-IC	350	3.5	30	108	ATB	 	8616

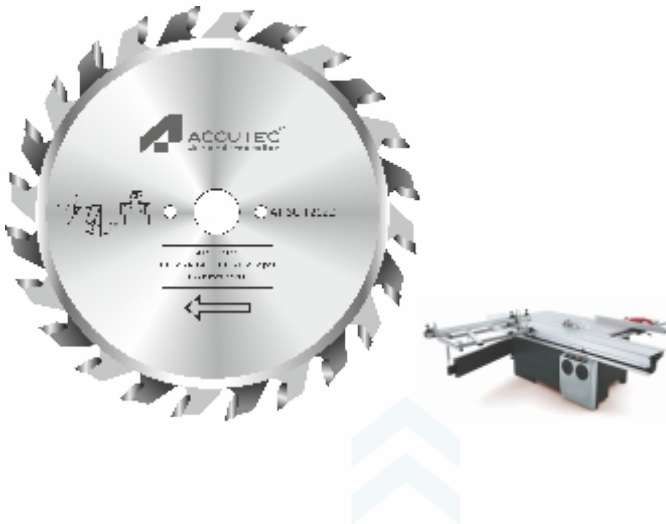
PREMIUM SERIES

ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	TOOTH TYPE	TOOTH SHAPE	PRICE
AT.SB. 1272T-I	300	3.2	30	72	TC pos.	 	5693
AT.SB. 1296T-I	300	3.2	30	96	TC pos.	 	5693
AT.SB. 1048A-I	250	3.2	30	48	ATB	 	4924
AT.SB. 1248A-I	300	3.2	30	48	ATB	 	5231
AT.SB. 1272A-I	300	3.2	30	72	ATB	 	5693
AT.SB. 1454A-I	350	3.5	30	54	ATB	 	7847
AT.SB. 1472A-I	350	3.5	30	72	ATB	 	8308

HIGH PERFORMANCE SAW BLADE

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

Scoring Saw Blade

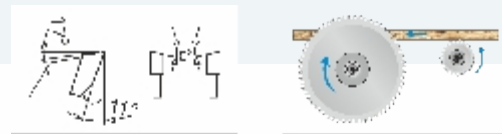


Application : For Chip-Free Scoring on Laminated Panels.

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	PRICE
AT.SC.08020-IC	80	2.8-3.6	20	10+10	FZ		3385
AT.SC.10020-IC	100	2.8-3.6	20	12+12	FZ		3385
AT.SC.12020-IC	120	2.8-3.6	20	12+12	FZ		3385
AT.SC.12022-IC	120	2.8-3.6	22	12+12	FZ		3385

➤ 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	PRICE
AT.CC.12020-IC	120	2.8-4.0	20	24	CON. / WZ		2462
AT.CC.12022-IC	120	2.8-4.0	22	24	CON. / WZ		2462

HIGH PERFORMANCE SAW BLADE

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

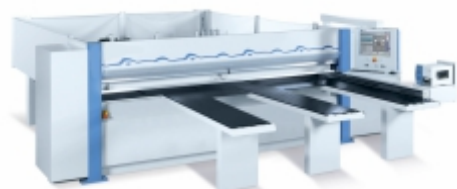
Main Saw Blade


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	PRICE
USE IN : HOMAG (Beam Saw Machine)								
AT.BS. 127230T-I	300	4.4	30	72	FZ./TR.	2/10/60	 	10001
USE IN : HOMAG / JAI (Beam Saw Machine)								
AT.BS. 127260T-I	300	4.4	60	72	FZ./TR.	2/14/100	 	10001
USE IN : BIESSE (Beam Saw Machine)								
AT.BS. 137265T-I	320	4.4	65	72	FZ./TR.	2/9/110	 	10462
USE IN : HOMAG / FELDER (Beam Saw Machine)								
AT.BS. 147230T-I	350	4.4	30	72	FZ./TR.	2/10/60	 	12001
USE IN : BIESSE (Beam Saw Machine)								
AT.BS. 147265T-I	350	4.4	65	72	FZ./TR.	2/9/110	 	12001
USE IN : HOMAG / KDT (Beam Saw Machine)								
AT.BS. 147275T-I	350	4.4	75	72	FZ./TR.	4/15/105 & 2/7/110	 	12001
USE IN : HOMAG / JAI (Beam Saw Machine)								
AT.BS. 157260T-I	380	4.4	60	72	FZ./TR.	2/14/100	 	12463
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	 	13078
USE IN : NANXING (Beam Saw Machine)								
AT.BS. 187260T-I	450	4.4	60	72	FZ./TR.	2/14/100	 	14617
USE IN : KDT (Beam Saw Machine)								
AT.BS. 187275T-I	450	4.4	75	72	FZ./TR.	2/7/110	 	14617

HIGH PERFORMANCE SAW BLADE

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

Scoring Saw Blade

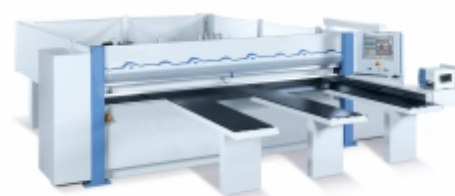


Application : For Chip-free Scoring On Plastic - Laminated Panels.

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	PRICE
USE IN : HOMAG (Beam Saw Machine)								
AT.SC.15030-I	150	4.3-5.5	30	36	CON./ WZ	-		4770
USE IN : HOMAG / JAI (Beam Saw Machine)								
AT.SC.15045-I	150	4.3-5.5	45	36	CON./ WZ	-		4770
USE IN : HOMAG / JAI (Beam Saw Machine)								
AT.SC.16030-I	160	4.3-5.5	30	36	CON./ WZ	-		5077
USE IN : HOMAG / JAI (Beam Saw Machine)								
AT.SC.16045-I	160	4.3-5.5	45	36	CON./ WZ	-		5077
USE IN : JAI (Beam Saw Machine)								
AT.SC.18030-I	180	4.3-5.5	30	36	CON./ WZ	-		5231
USE IN : HOMAG (Beam Saw Machine)								
AT.SC.18045-I	180	4.3-5.5	45	36	CON./ WZ	-		5231
USE IN : HOMAG / NANXING (Beam Saw Machine)								
AT.SC.20045-I	200	4.3-5.5	45	36	CON./ WZ	-		5693
USE IN : KDT (Beam Saw Machine)								
AT.SC.20050-I	200	4.3-5.5	50	36	CON./ WZ	2/7/80		5693
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		5693

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	PRICE
AT.SB.074025	185	2.5	25.4	40	ATB		2231
AT.SB.084825	200	2.5	25.4	48	ATB		2462
AT.SB.104832	250	3.2	25.4	48	ATB		3231
AT.SB.124832	300	3.2	25.4	48	ATB		3923
AT.SB.124832.30	300	3.2	30.0	48	ATB		4154
AT.SB.124850	300	3.2	50.8	48	ATB		4231
AT.SB.124863	300	3.2	63.5	48	ATB		4231
AT.SB.127232	300	3.2	25.4	72	ATB		4924
AT.SB.127232.30	300	3.2	30.0	72	ATB		5077
AT.SB.145635	350	3.5	25.4	56	ATB		5077
AT.SB.145635.30	350	3.5	30.0	56	ATB		5385
AT.SB.147235	350	3.5	25.4	72	ATB		5847
AT.SB.147235.30	350	3.5	30.0	72	ATB		6154
AT.SB.169635	400	3.5	25.4	96	ATB		8770
AT.SB.1610835	400	3.5	25.4	108	ATB		9385
AT.SB.1612035	400	3.5	25.4	120	ATB		9847
AT.SB.1810840	450	4.0	25.4	108	ATB		12078

» 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	PRICE
AT.SB.084815	200	1.5	25.4	48	ATB		2385
AT.SB.084817	200	1.7	25.4	48	ATB		2385
AT.SB.104817	250	1.7	25.4	48	ATB		2462
AT.SB.104820	250	2.0	25.4	48	ATB		2539
AT.SB.104825	250	2.5	25.4	48	ATB		3154
AT.SB.104828	250	2.8	25.4	48	ATB		3231
AT.SB.124825	300	2.5	25.4	48	ATB		3539
AT.SB.124828	300	2.8	25.4	48	ATB		3770

Remark : Special Specification is Available as per customers order

HIGH PERFORMANCE SAW BLADE

➤ **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.

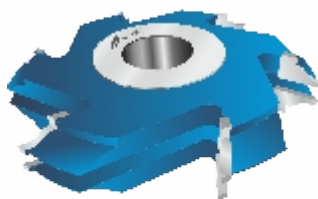
Material : Thick Wet or Dry Soft wood & Hardwood.



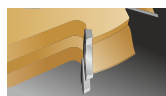
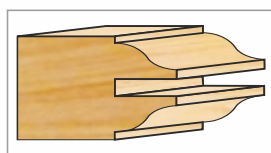
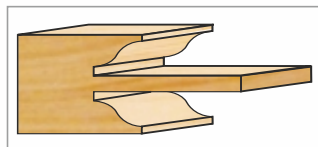
ORDER NO.	DIA. (mm)	THICK (mm)	BORE (mm)	TEETH	KEY WAY	TOOTH SHAPE	PRICE
AT.RK. 102030	250	3.2	30	20+2+2	2KW 10X4		4462
AT.RK. 102060	250	3.2	60	20+2+2	4KW 21X5		4462
AT.RK. 102070	250	3.2	70	20+2+2	4KW 21X5		4462
AT.RK. 102080	250	3.2	80	20+2+2	2KW 13X5+2KW21X5		4462
AT.RK. 122430	300	3.2	30	24+2+2	2KW 10X4		5385
AT.RK. 122460	300	3.2	60	24+2+2	4KW 21X5		5385
AT.RK. 122470	300	3.2	70	24+2+2	4KW 21X5		5385
AT.RK. 122480	300	3.2	80	24+2+2	2KW 13X5+2KW21X5		5385
AT.RK. 142830	350	3.5	30	28+2+4	2KW 10X4		6616
AT.RK. 142860	350	3.5	60	28+2+4	4KW 21X5		6616
AT.RK. 142870	350	3.5	70	28+2+4	4KW 21X5		6616
AT.RK. 142880	350	3.5	80	28+2+4	2KW 13X5+2KW21X5		6616
AT.RK. 162830	400	4.0	30	28+2+4	-----		8693
AT.RK. 162870	400	4.0	70	28+2+4	4KW 21X5		8693
AT.RK. 162880	400	4.0	80	28+2+4	2KW 13X5+2KW21X5		8693
AT.RK. 1432254	350	5.0	25.4	32+4	-----		9232

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

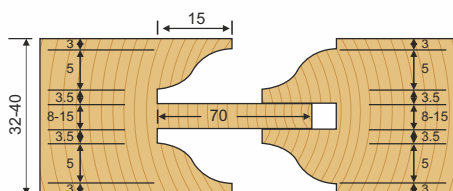
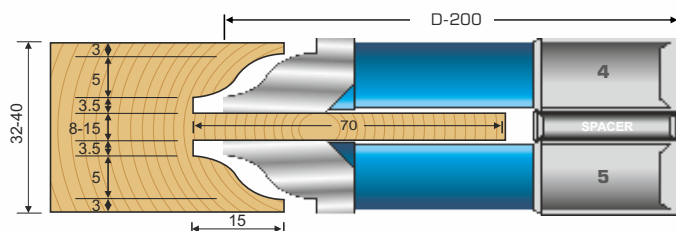
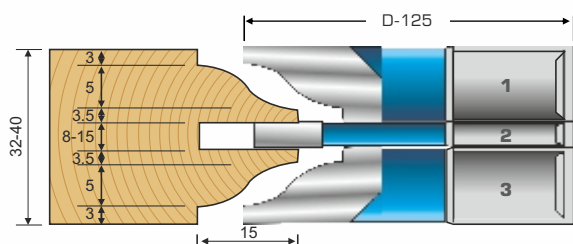


Application : Perfect For Solid Wood & Panel Materials From Min : 32mm To Max:40mm

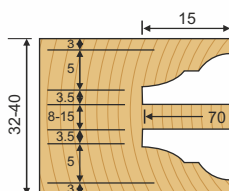
Use On : Spindle Moulder Machines

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

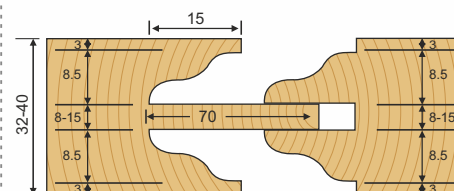
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.DT. 19.1057	125/200	30/35	32-40	4/6	32311
ATB.DT. 19.1058	125/200	30/35	32-40	4/6	32311
ATB.DT. 19.1059	125/200	30/35	32-40	4/6	32311
ATB.DT. 19.1060	125/200	30/35	32-40	4/6	32311
ATB.DT. 19.1061	125/200	30/35	32-40	4/6	32311
ATB.DT. 19.1062	125/200	30/35	32-40	4/6	32311



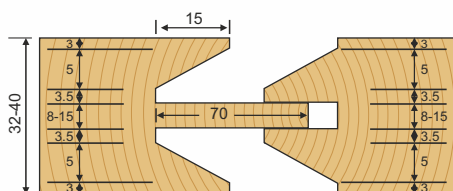
ATB.DT. 19.1057



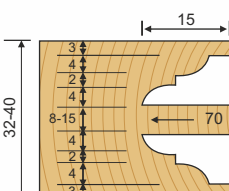
ATB.DT. 19.1058



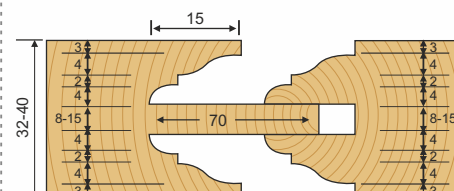
ATB.DT. 19.1059



ATB.DT. 19.1060



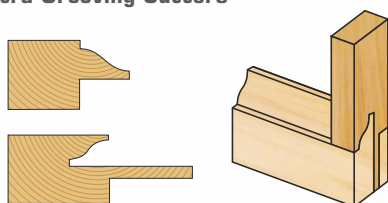
ATB.DT. 19.1061



ATB.DT. 19.1062

For Making Window Frame

To Make Windows Frame use 2 Pcs.
Extra Grooving Cutters



Order No.: ATB.WT.GC.102

Price : **5077/-**

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

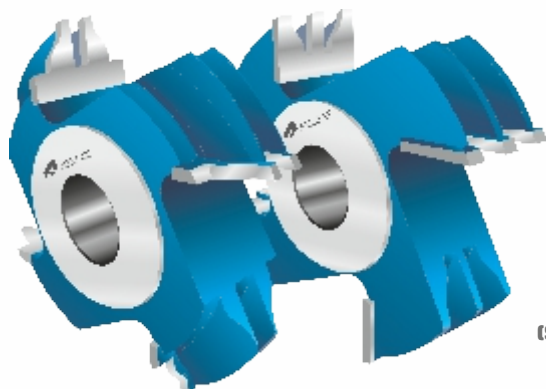
Order No.: ATB.WT.GC.104

Price : **6924/-**

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)

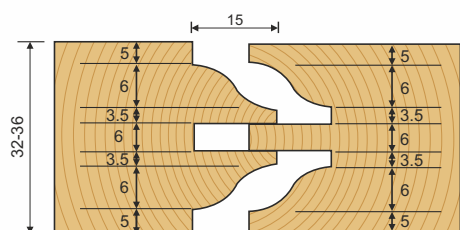
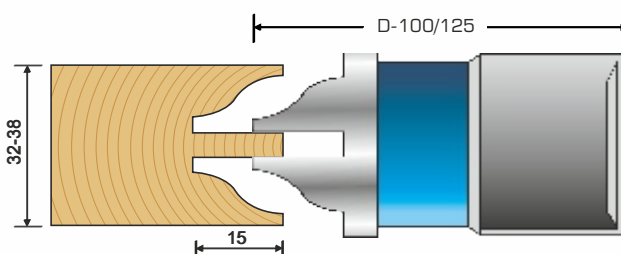
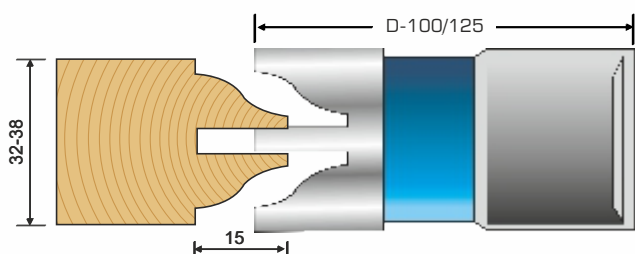
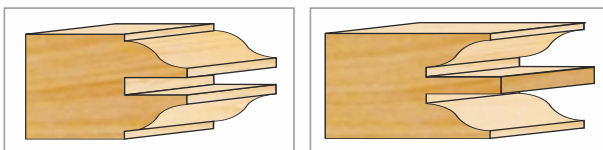


(Short Tenon)

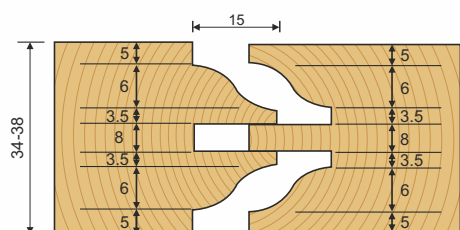
Application : Perfect For Solid Wood & Panel Materials From Min : 32mm To Max : 38mm

Use On : Spindle Moulder Machines

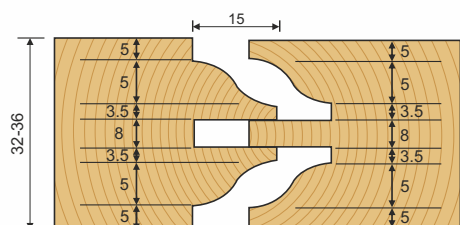
Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 4 Wing Cutters For Ultimate



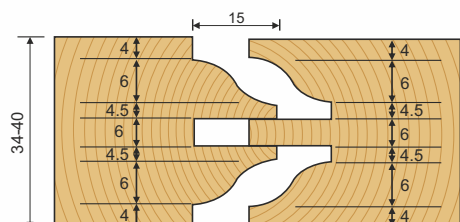
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.DTF.22.1090	100	30/35	32-36	4	34619
ATB.DTF.22.1093	125	30/35	32-36	4	34619



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.DTF.22.1091	100	30/35	34-38	4	34619
ATB.DTF.22.1094	125	30/35	34-38	4	34619



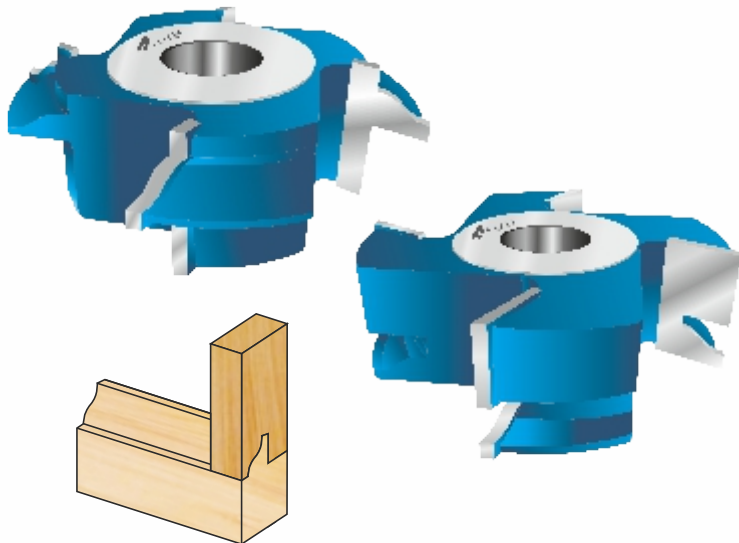
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.DTF.22.1092	100	30/35	32-36	4	34619
ATB.DTF.22.1095	125	30/35	32-36	4	34619



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.DTF.22.1096	100	30/35	34-40	4	34619
ATB.DTF.22.1097	125	30/35	34-40	4	34619

Remark : Special Specification is Available as per customers order

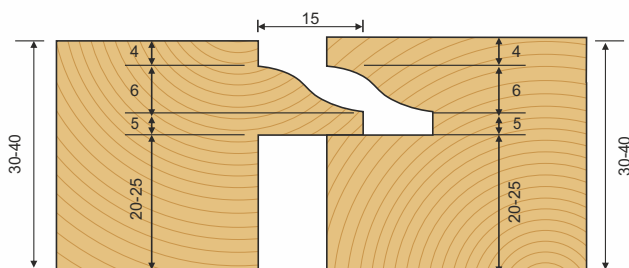
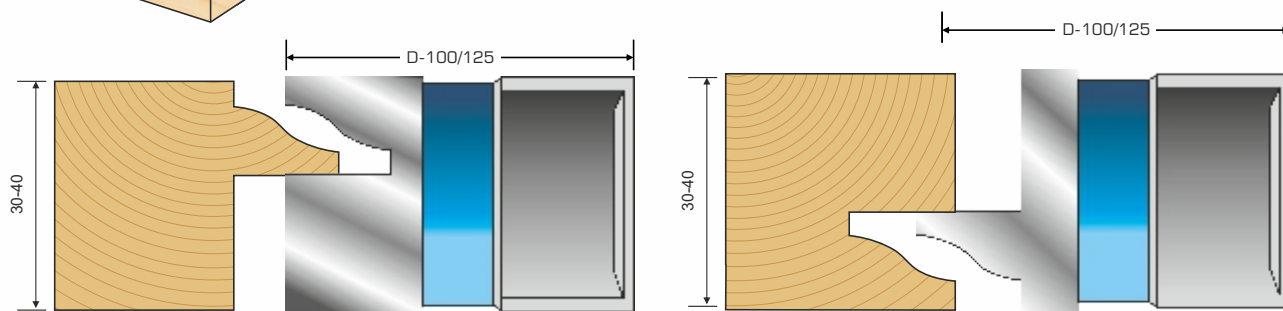
T.C.T. Brazed Fix Type Cutter Head Set for Window - ATB.WTF.17 (Short Tenon)



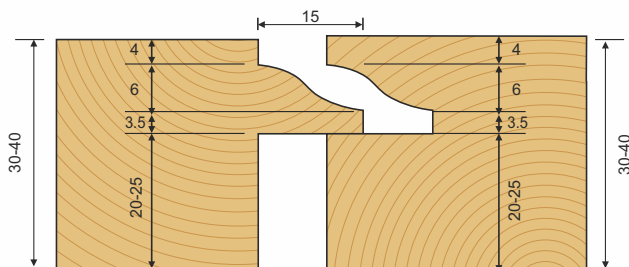
Application : Perfect For Solid Wood & Panel Materials From Min : 30mm To Max : 40mm

Use On : Spindle Moulder Machines

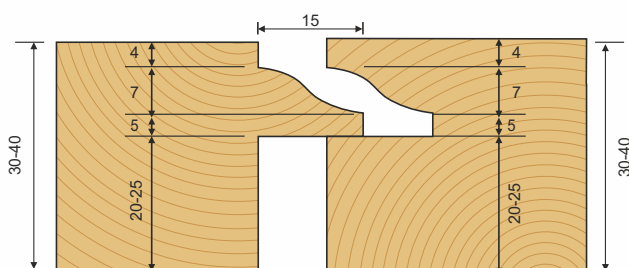
Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 4 Wing Cutters For Ultimate Balance & Performance.



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.WTF.17.1085	100	30/35	30-40	4	34619
ATB.WTF.17.1086	125	30/35	30-40	4	34619



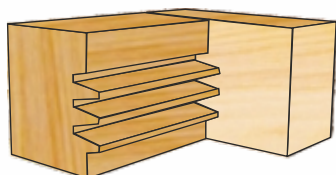
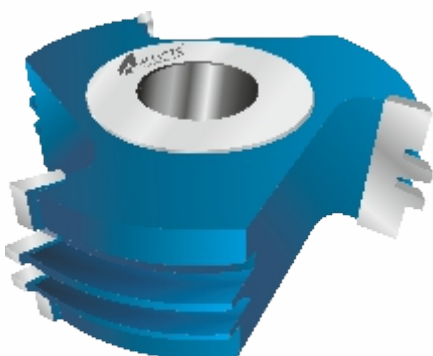
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.WTF.17.1087	100	30/35	30-40	4	34619
ATB.WTF.17.1088	125	30/35	30-40	4	34619



ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.WTF.17.1089	100	30/35	30-40	4	34619
ATB.WTF.17.1090	125	30/35	30-40	4	34619

Remark : Special Specification is Available as per customers order

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

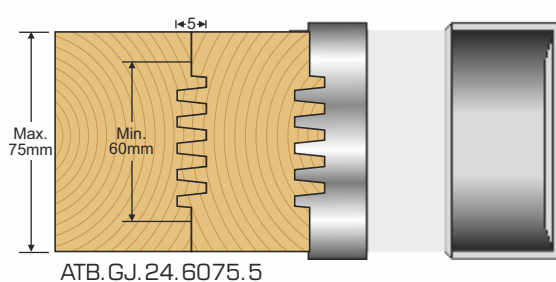
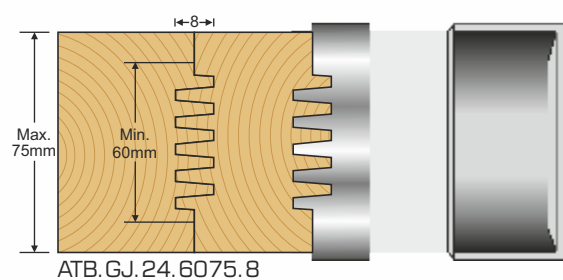
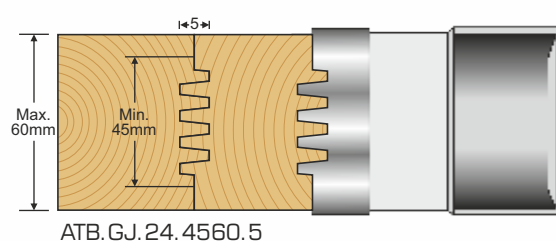
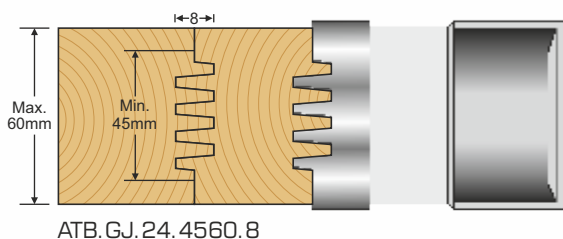
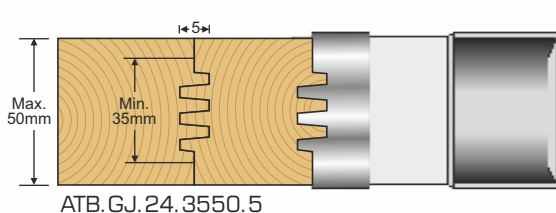
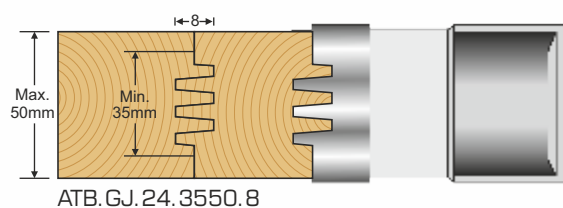
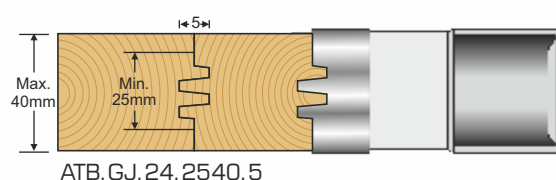
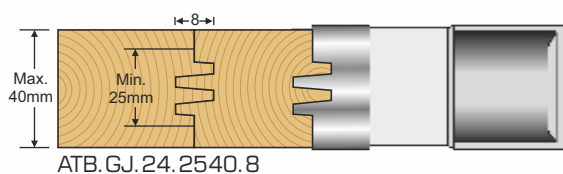
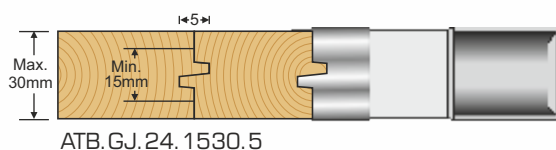
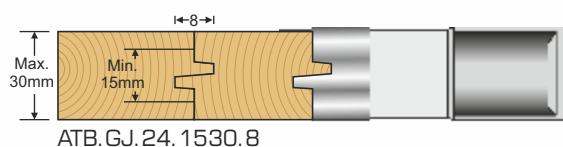


Application : Perfect For Solid Wood & Panel Materials.

Use On : Spindle Moulder Machines & Four Side Moulder Machine

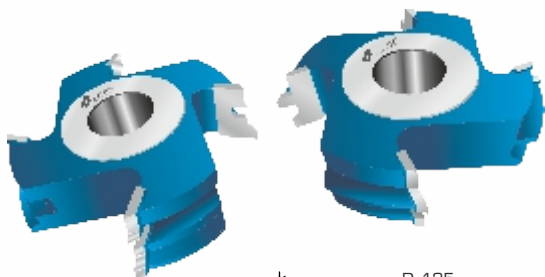
Technical Details : High Quality Carbide Tip For Long Life & Many Re-sharpenings, Precision Ground, 3 Wing Cutters For Ultimate Balance & Performance.

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.GJ.24.1530.8	125	30/35	15-30	3	11386
ATB.GJ.24.2540.8	125	30/35	25-40	3	13847
ATB.GJ.24.3550.8	125	30/35	35-50	3	16463
ATB.GJ.24.4560.8	125	30/35	45-60	3	19233
ATB.GJ.24.6075.8	125	30/35	60-75	3	22310
ATB.GJ.24.1530.5	125	30/35	15-30	3	10309
ATB.GJ.24.2540.5	125	30/35	25-40	3	12617
ATB.GJ.24.3550.5	125	30/35	35-50	3	14924
ATB.GJ.24.4560.5	125	30/35	45-60	3	17386
ATB.GJ.24.6075.5	125	30/35	60-75	3	20002



Remark : Special Specification is Available as per customers order

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

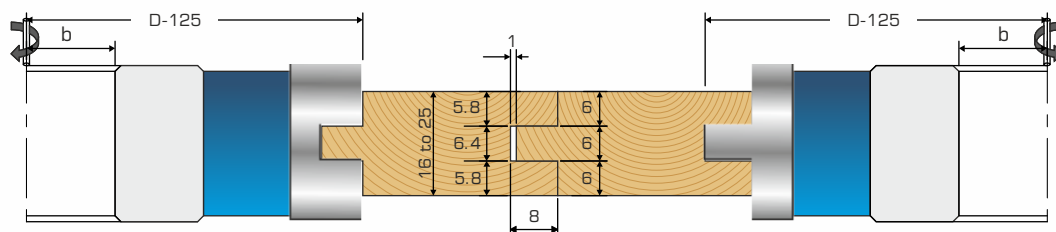


Application : Perfect For Solid Wood & Panel Materials From
Min : 18mm To Max : 25mm.

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.

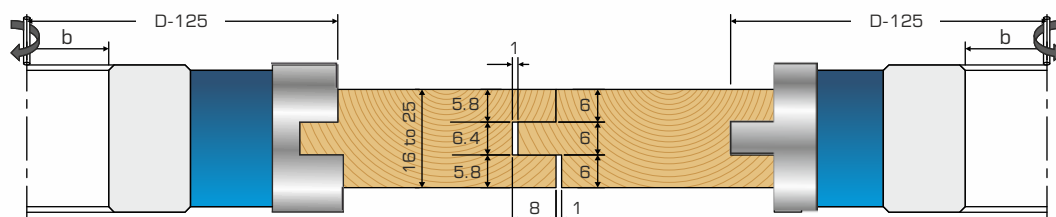


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.SM.101	125	30/35	16-25	3	17232
ATB.TG.SM.102	125	30/35	16-25	4	21540

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.MS.103	125	40	16-25	3	17232
ATB.TG.MS.104	125	40	16-25	4	21540

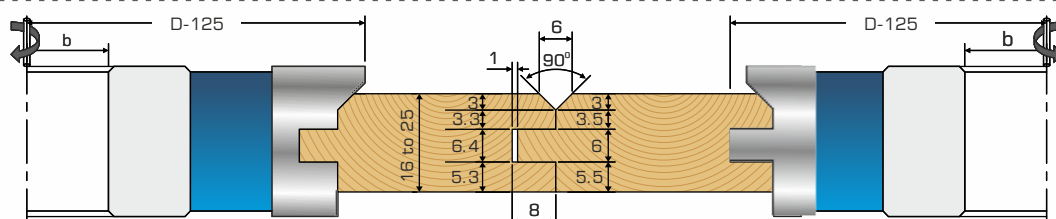


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.SM.105	125	30/35	16-25	3	17232
ATB.TG.SM.106	125	30/35	16-25	4	21540

Use on Multi Spindle Machine (for Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.MS.107	125	40	16-25	3	17232
ATB.TG.MS.108	125	40	16-25	4	21540

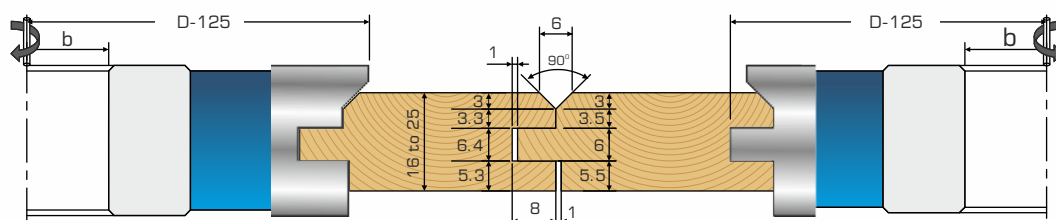


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.SM.109	125	30/35	16-25	3	20002
ATB.TG.SM.110	125	30/35	16-25	4	25387

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.MS.111	125	40	16-25	3	20002
ATB.TG.MS.112	125	40	16-25	4	25387



Use on Spindle Molder Machine

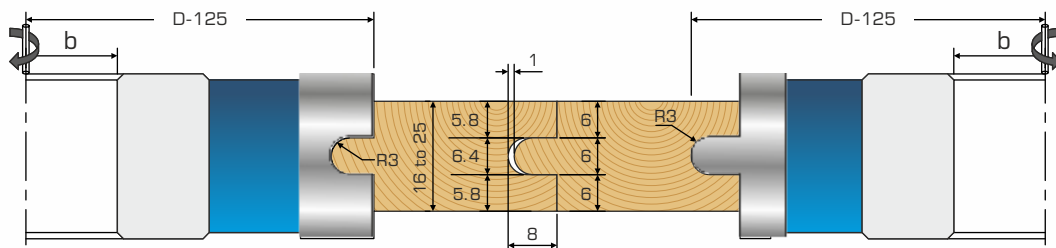
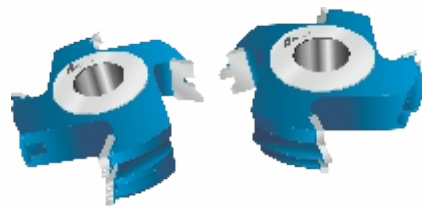
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.SM.113	125	30/35	16-25	3	20002
ATB.TG.SM.114	125	30/35	16-25	4	25387

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG.MS.115	125	40	16-25	3	20002
ATB.TG.MS.116	125	40	16-25	4	25387

Remark : Special Specification is Available as per customers order

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

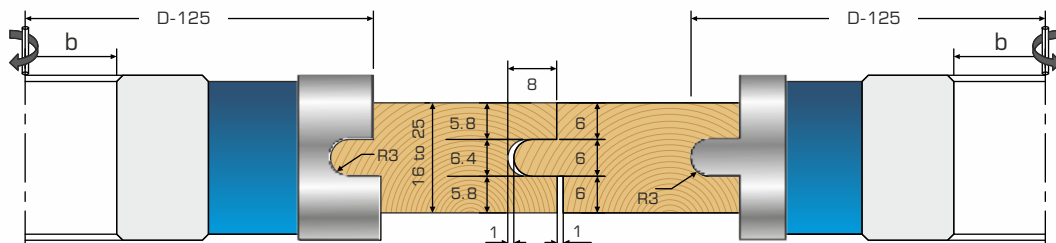


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. SM. 117	125	30/35	16-25	3	17232
ATB.TG. SM. 118	125	30/35	16-25	4	21540

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. MS. 119	125	40	16-25	3	17232
ATB.TG. MS. 120	125	40	16-25	4	21540

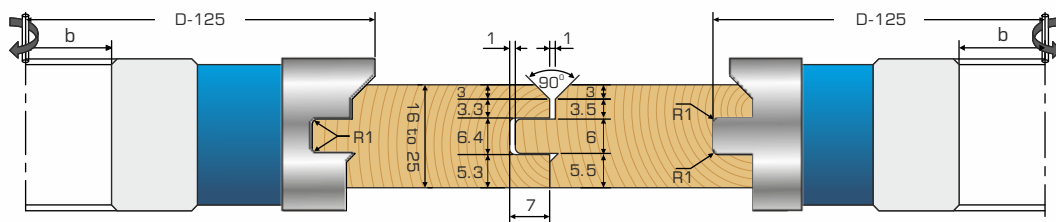


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. SM. 121	125	30/35	16-25	3	17232
ATB.TG. SM. 122	125	30/35	16-25	4	21540

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. MS. 123	125	40	16-25	3	17232
ATB.TG. MS. 124	125	40	16-25	4	21540

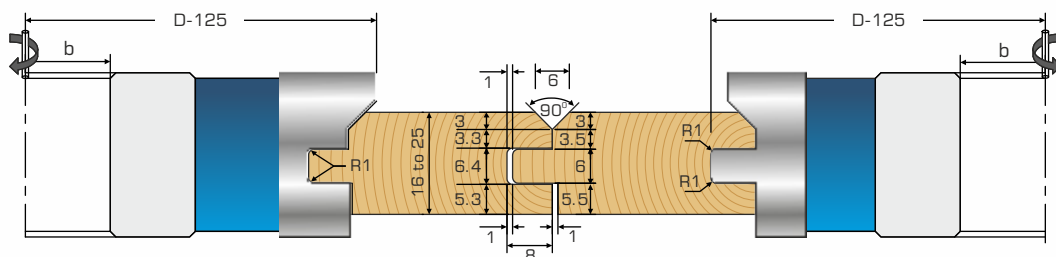


Use on Spindle Molder Machine

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. SM. 125	125	30/35	16-25	3	20310
ATB.TG. SM. 126	125	30/35	16-25	4	25695

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. MS. 127	125	40	16-25	3	20310
ATB.TG. MS. 128	125	40	16-25	4	25695



Use on Spindle Molder Machine

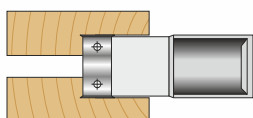
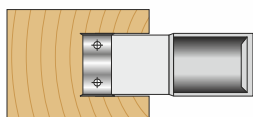
ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. SM. 129	125	30/35	16-25	3	20310
ATB.TG. SM. 130	125	30/35	16-25	4	25695

Use on Multi Spindle Machine (4 - Side Molder)

ORDER NO.	DIA (mm)	BORE (mm)	WOOD THICK(mm)	Z	PRICE
ATB.TG. MS. 131	125	40	16-25	3	20310
ATB.TG. MS. 132	125	40	16-25	4	25695

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

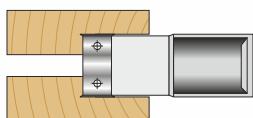
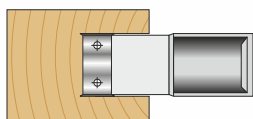
Material : Hard Alloy **Aluminum Body** With T.C.T. Knives.

ORDER NO.	DIA (mm)	BORE (mm)	THICK (mm)	Z	SPURE	PRICE
ATR.PC.23.103051	100	30	51	4	4+4	13078
ATR.PC.23.123051	125	30	51	4	4+4	14617
ATR.PC.23.103551	100	35	51	4	4+4	13078
ATR.PC.23.123551	125	35	51	4	4+4	14617

Spares :

ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
ATR.PC.23.103051 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.23.123051 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.23.103551 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.23.123551 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123

» 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	PRICE
ATR.PC.24.103051	100	30	51	2	2+2	10001
ATR.PC.24.103551	100	35	51	2	2+2	10001
ATR.PC.24.123051	125	30	51	2	2+2	11232
ATR.PC.24.123551	125	35	51	2	2+2	11232

Spares :

ORDER NO.	KNIVES	WEDGE	SCREW	SPURE	SCREW
ATR.PC.24.103051 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.24.103551 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.24.123051 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123
ATR.PC.24.123551 CODE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123	14x14x2 014028-AT	M5x6C 123

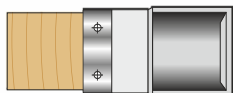
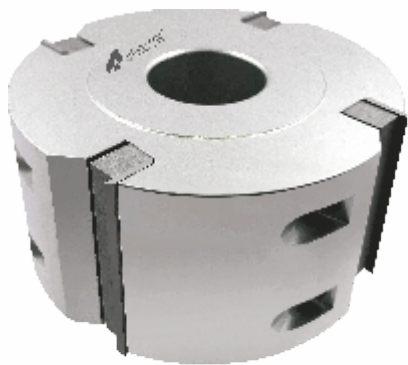
Remark : Special Specification is Available as per customers order

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	PRICE
ATR.SP.25.7560	75	30	60	4	11078
ATR.SP.25.1030	100	30/40	30	4	6924
ATR.SP.25.1050	100	30/40	50	4	8924
ATR.SP.25.1250	125	30/40	50	4	10155

Spares :

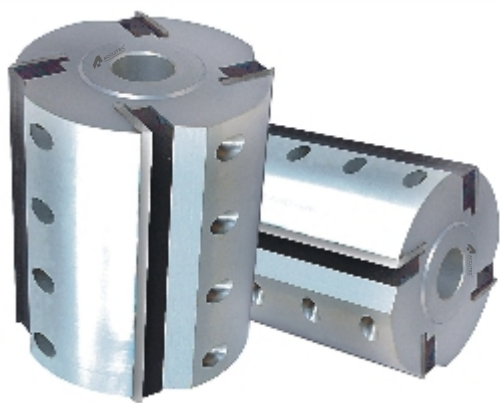
ORDER NO.	KNIVES	WEDGE	SCREW
ATR.SP.25.7560 CODE & PRICE	60x12x1.5 106830-AT	59x10x8 462	M6x16G 123
ATR.SP.25.1030 CODE & PRICE	30x12x1.5 104795-AT	29x10x8 462	M6x16G 123
ATR.SP.25.1050 CODE & PRICE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123
ATR.SP.25.1250 CODE & PRICE	50x12x1.5 106829-AT	49x10x8 462	M6x16G 123

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

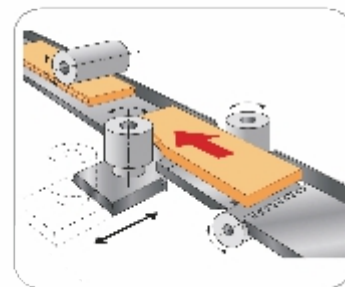
Application : These Cutter Head Have Designed For Grooving, Rebating From Top & Bottom, Ideal On Chip Board, Mdf, Wood Composite, Plastic Material & Laminated Board.

Use On : Four Side & Six Spindle Machines

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



Working System



Spares :

ORDER NO.	DIA (mm)	BORE (mm)	LENGTH (mm)	Z	PRICE
ATR.SE.29.100	125	40	100	4	18463
ATR.SE.29.130	125	40	130	4	24156
ATR.SE.29.150	125	40	150	4	27695
ATR.SE.29.180	125	40	180	4	33234
ATR.SE.29.200	125	40	200	4	36926
ATR.SE.29.230	125	40	230	4	42312
ATR.SE.29.250	125	40	250	4	46158
ATR.SE.29.300	125	40	300	4	55390
ATR.SE.29.330	125	40	330	4	58467

KNIVES	PRICE	WEDGE	PRICE	SCREW	PRICE
100x30x3	1077	21x12x100	615	M10x25G	123
130x30x3	1539	21x12x130	769	M10x25G	123
150x30x3	1616	21x12x150	923	M10x25G	123
180x30x3	1923	21x12x180	1000	M10x25G	123
200x30x3	2154	21x12x200	1077	M10x25G	123
230x30x3	2077	21x12x230	1154	M10x25G	123
250x30x3	2308	21x12x250	1231	M10x25G	123
300x30x3	2769	21x12x300	1385	M10x25G	123
330x30x3	3000	21x12x330	1616	M10x25G	123

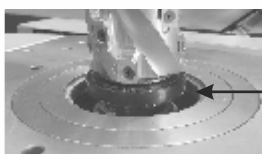
Remark : Special Specification is Available as per customers order

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

Application : These Cutter Head Have Be Designed For Trimming & Planing 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.	PRICE
ATR.HC.26.8050	80	30/35	50	6	12	9539
ATR.HC.26.8060	80	30/35	60	6	15	11924
ATR.HC.26.8075	80	30/35	75	6	18	14309
ATR.HC.26.8010	80	30/35	100	6	24	19079
ATR.HC.26.1050	100	30/35	50	6	12	9539
ATR.HC.26.1075	100	30/35	75	6	18	14771
ATR.HC.26.1010	100	30/35	100	6	24	19694
ATR.HC.26.1012	100	30/35	120	6	30	24618
ATR.HC.26.1015	100	30/35	150	6	36	29541

Spares :



Knives
 14 x 14 x 2.0
CODE :
014028-AT



Torx Screw
 M6 x 15
Price : 123/-



Torx Key
 T20 x 120
Price : 231/-

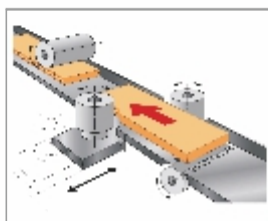
Optional Bearing Guide : Dia - 80mm & 100mm

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

Application : These Cutter Head Have Be Designed For Trimming & Planing 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.	PRICE
ATR.HC.27.050	125	40	50	6	12	10462
ATR.HC.27.075	125	40	75	6	18	15694
ATR.HC.27.100	125	40	100	6	24	20925
ATR.HC.27.130	125	40	130	6	30	26156
ATR.HC.27.150	125	40	150	6	36	31387
ATR.HC.27.180	125	40	180	6	42	36619
ATR.HC.27.200	125	40	200	6	48	41850
ATR.HC.27.230	125	40	230	6	54	47081
ATR.HC.27.255	125	40	255	6	60	52312
ATR.HC.27.305	125	40	305	6	72	62775

Spares :



Knives
 14 x 14 x 2.0
CODE :
014028-AT



Torx Screw
 M6 x 15
Price : 123/-



Torx Key
 T20 x 120
Price : 231/-

Working System

Remark : Special Specification is Available as per customers order

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

HIGH PERFORMANCE SPIRAL CUTTER HEADS



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.	PRICE
ATR.HCS.28.230	100	230 (9")	6	15x15x2.5	54	47081
ATR.HCS.28.255	100	255 (10")	6	15x15x2.5	60	52312
ATR.HCS.28.305	100	305 (12")	6	15x15x2.5	72	62775
ATR.HCS.28.330	100	330 (13")	6	15x15x2.5	78	68006
ATR.HCS.28.380	100	380 (15")	6	15x15x2.5	90	78469
ATR.HCS.28.457	100	457 (18")	6	15x15x2.5	108	94162
ATR.HCS.28.508	100	508 (20")	6	15x15x2.5	120	104625
ATR.HCS.28.610	100	610 (24")	6	15x15x2.5	144	125550

Spares :  **Knives**
 14 x 14 x 2.0
 15 x 15 x 2.5

CODE
014028-AT
104118-AT

 **Torx Screw**
 M6 x 15
Price : 123/-



Steel Torx Key
 T20
Price : 923/-

Also Available in
Dia : 125mm

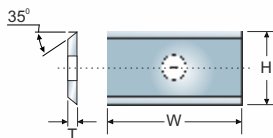
The Cutter head Specifications Are Specified According To Customers Requirement.

T.C.T. Replaceable Standard Knives

MADE IN
GERMANY

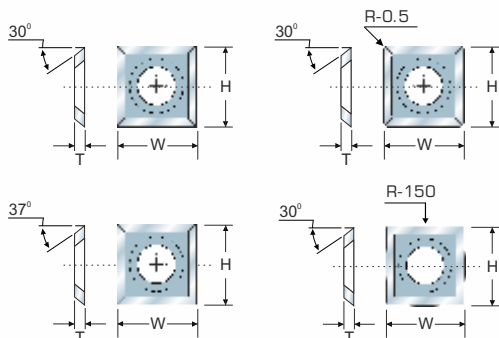
Standard Replaceable Knives 2 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
106822 - AT	T04MG-CR	7.5	12	1.5	35°	Z2	231
106823 - AT	T04MG-CR	9.6	12	1.5	35°	Z2	277
106835 - AT	T04MG-CR	12	12	1.5	35°	Z4	308
106824 - AT	T04MG-CR	15	12	1.5	35°	Z2	362
104796 - AT	T04MG-CR	20	12	1.5	35°	Z2	462



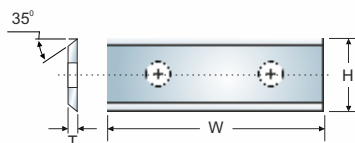
Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013295 - AT	T08MF	14	14	1.2	30°	Z4	323
014028 - AT	T10MG	14	14	2.0	30°	Z4	377
104118 - AT	T10MG	15	15	2.5	R-0.5/30°	Z4	639
013315 - AT	T10MG	15	15	2.5	30°	Z4	623
109384 - AT	T10MG	15	15	2.5	R-0.5/37°	Z4	662
104062 - AT	T10MG	15	15	2.5	37°	Z4	631
101540 - AT	T10MG	15	15	2.5	R-150/30°	Z4	700
148426 - AT	T10MG	15	15	2.5	R-95/30°	Z4	746



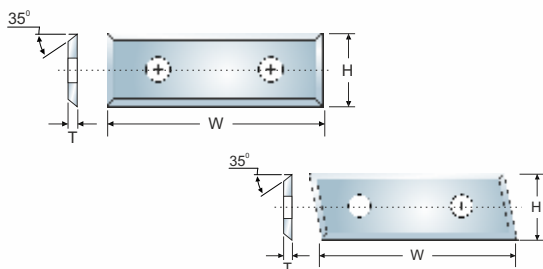
Standard Replaceable Knives 2 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
104795 - AT	T04MG-CR	30	12	1.5	35°	Z2	654
054259 - AT	T04MG-CR	30	12	2.5	35°	Z2	1039
106828 - AT	T04MG-CR	40	12	1.5	35°	Z2	862
106829 - AT	T04MG-CR	50	12	1.5	35°	Z2	1031
106830 - AT	T04MG-CR	60	12	1.5	35°	Z2	1231



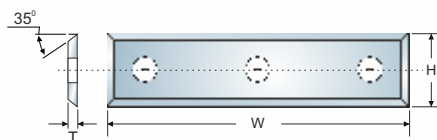
Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013504 - AT	T04F-CR	29.5	9	1.5	35°	Z4	615
013507 - AT	T04F-CR	29.5	12	1.5	35°	Z4	723
013517 - AT	T04F-CR	49.5	9	1.5	35°	Z4	1000
013520 - AT	T04F-CR	49.5	12	1.5	35°	Z4	1146
017047 - AT	T04F-CR	48	12	1.5	35°	Z4	1308



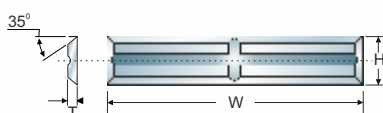
Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
105980 - AT	T04MG-CR	50	12	1.7	35°	Z4	1277



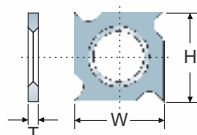
Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013403 - AT	T04F-CR	20	4.1	1.1	35°	Z4	385
013394 - AT	T04F-CR	20	5.5	1.1	35°	Z4	431
013402 - AT	T04F-CR	25	5.5	1.1	35°	Z4	523
013397 - AT	T04F-CR	30	5.5	1.1	35°	Z4	454
013399 - AT	T04F-CR	40	5.5	1.1	35°	Z4	615
013401 - AT	T04F-CR	50	5.5	1.1	35°	Z4	615



Standard Replaceable Knives 4 cutting edge

CODE	GRADE	W	H	T	ANGLE	Z	PRICE
013293 - AT	T08MF	18	18	1.95	35°	Z4	769
013291 - AT	T08MF	18	18	2.45	35°	Z4	923
013305 - AT	T08MF	18	18	2.95	35°	Z4	1077



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Universal Tools Industries (Gujarat-India)



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