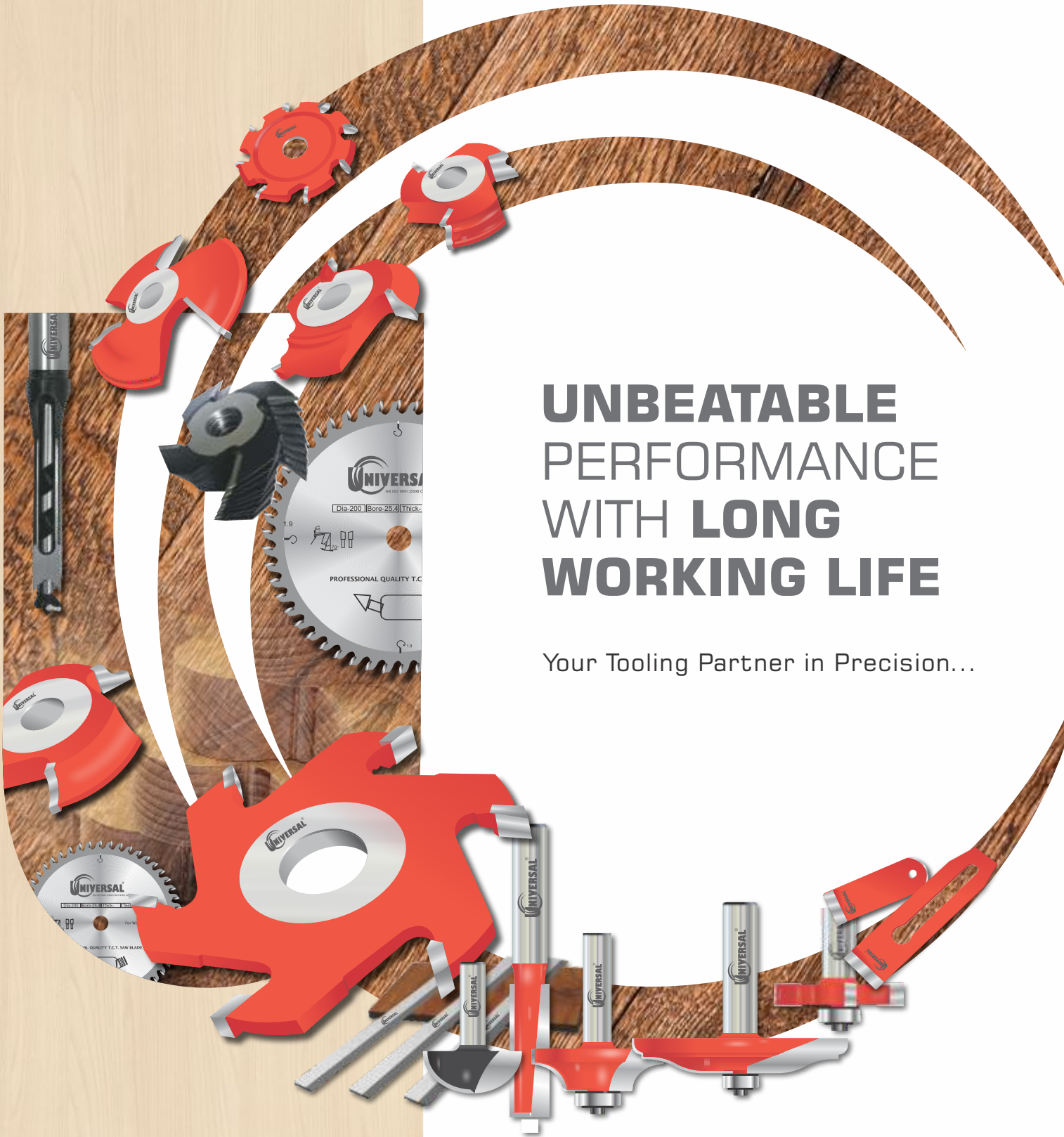


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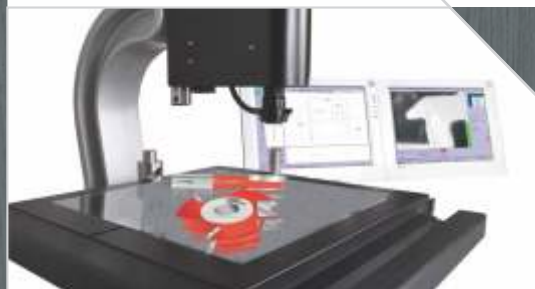
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UNIVERSAL Tools Industries With Head Quarter in Gujarat - India Is A Leading Manufacturer of TCT and PCD Quality Toolings. UNIVERSAL Specialize in the Manufacturing of High Quality TCT and PCD Raw Material Brazed and Replaceable Toolings for Panel Processing and Solid Wood Industry. High Quality Standard Tooling is manufacturing in one of The Best Tool Room with Complete 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 Tooling. After Sales of Tooling UNIVERSAL Provide Best Support For Your Informative Needs. That's Why From last 25 Year UNIVERSAL Truly Called Leader of Market.

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Continuous Innovation

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Different & Best.



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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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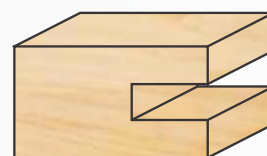


REPLACEABLE KNIVES PLANING CUTTER HEAD

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Grooving Cutter - 601A to 635



DIA-3"xBORE-20x6TEETH

(Use In CM-4 Machine)

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

DIA-4"xBORE-1"x6TEETH

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

DIA-3"xBORE-1"x6TEETH

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

DIA-4"xBORE-20x6TEETH

(Use In CM-4 Machine)

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

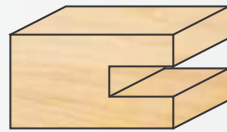
DIA-4½"xBORE-1¼"x6TEETH

(Use In Spindle Moulder Machine)

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

DIA-5"xBORE-1"x6TEETH

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

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

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

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

Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
662	150	1 1/4"	3	6
662-A	150	1 1/4"	3.5	6
663	150	1 1/4"	4	6
664	150	1 1/4"	5	6
665	150	1 1/4"	6	6
666	150	1 1/4"	8	6
667	150	1 1/4"	9	6
668	150	1 1/4"	10	6
669	150	1 1/4"	12	6
670	150	1 1/4"	15	6
671	150	1 1/4"	19	6
671-A	150	1 1/4"	22	6
672	150	1 1/4"	25	6
673	150	1 1/4"	32	6
673-A	150	1 1/4"	35	6
674	150	1 1/4"	38	6

(Use In Spindle Moulder Machine)

DIA-6"xBORE-1"x6TEETH

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

DIA-8"xBORE-1"x8TEETH

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

In Side Molem Cutter - 850 to 860-L



1" BORE - RIGHT SIDE

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

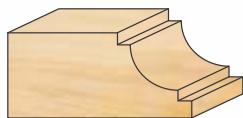
1 1/4" BORE - RIGHT SIDE

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

1 1/4" BORE - LEFT SIDE

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

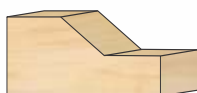
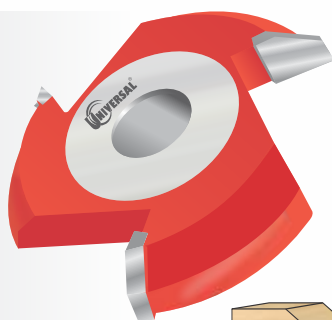
Out Side Molem Cutter - 861 to 867



1" BORE - RIGHT SIDE

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

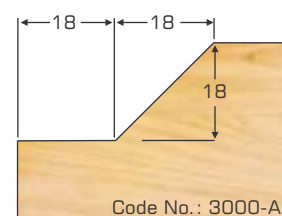
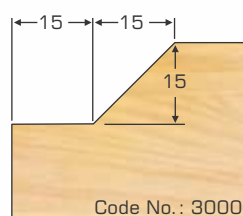
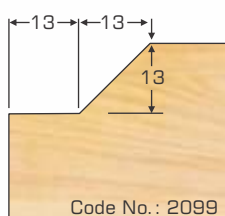
Door Frame Cutter 45° - 2099 to 3000-A

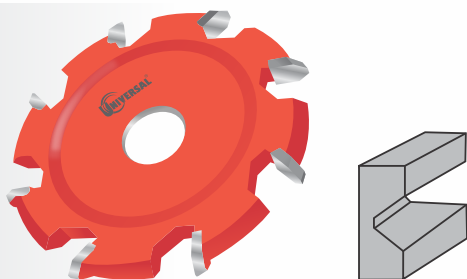


Code No.	A (mm)	B (mm)	C (mm)	Cutter Thickness
2099	13	13	13	26
3000	15	15	15	30
3000-A	18	18	18	36

Common Factor For All Cutters

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



"V" Groove Cutter - E-1221 to 1240
**"V" Groove Cutter (Dia - 4") Economic Series**

(Use In CM-4 Machine)

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

"V" Groove Cutter (Dia - 3") Economic Series

USE IN CM-4 Machine

1221-3in To 1237-3in

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

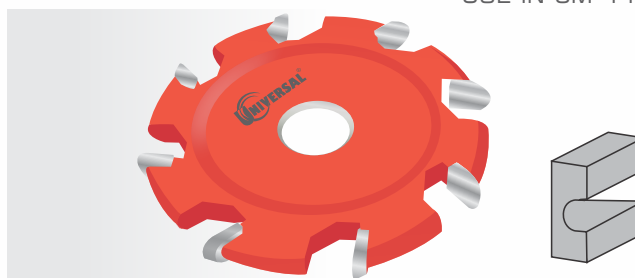
"V" Groove Cutter (Dia - 4") Premium Series

(Use In CM-4 Machine)

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

Radius Cutter - 1221-R to 1240-R

USE IN CM-4 Machine



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

T.C.T. Hand Planner Knife

969-P to 975-P



Code No.	Width (inch)	Thick (mm)	All Over Length
969-P	1" (Plain)	2mm	130
969A-P	1 1/4" (Plain)	2mm	130
970-P	1 1/2" (Plain)	2mm	130
971-P	1 3/4" (Plain)	2mm	140
971-H	1 3/4" (Slot)	2mm	140
972-P	2" (Plain)	2mm	140
972-H	2" (Slot)	2mm	140
973-P	2 1/2" (Plain)	2mm	150
973-H	2 1/2" (Slot)	2mm	150
974-P	35mm (Plain)	2mm	90
975-P	42mm (Plain)	2mm	120

T.C.T. Hand Planner Knife

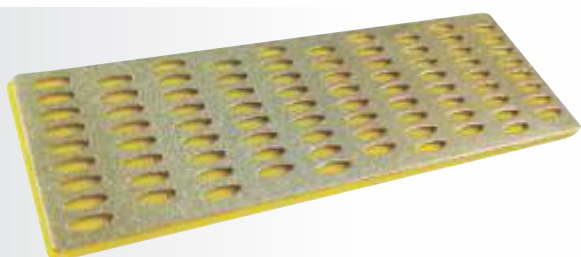
Professional Series

Pro 969-P to Pro 975-P



Code No.	Width (inch)	Thick (mm)	All Over Length
Pro-969-P	1" (Plain)	2mm	130
Pro-969A-P	1 1/4" (Plain)	2mm	130
Pro-970-P	1 1/2" (Plain)	2mm	130
Pro-971-P	1 3/4" (Plain)	2mm	140
Pro-971-H	1 3/4" (Slot)	2mm	140
Pro-972-P	2" (Plain)	2mm	140
Pro-972-H	2" (Slot)	2mm	140
Pro-973-P	2 1/2" (Plain)	2mm	150
Pro-973-H	2 1/2" (Slot)	2mm	150
Pro-974-P	35mm (Plain)	2mm	90
Pro-975-P	42mm (Plain)	2mm	120

Diamond Sharpening Stone



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

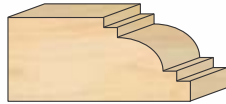
Double Fillet Cove Frame Cutter

2001 to 2014A



Common Factor For All Cutters

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



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

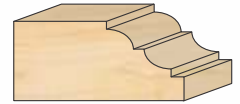
Multi Form Frame Cutter

2029 to 2042A



Common Factor For All Cutters

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



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

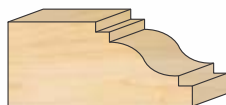
Ogee Double Fillet Frame Cutter

2015 to 2028A



Common Factor For All Cutters

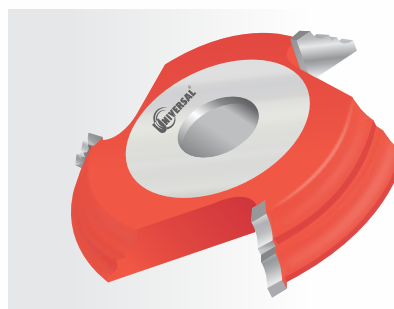
DIA (mm)	BORE (mm)	TEETH
125	25.4	3T



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

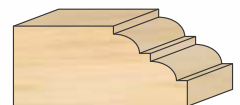
Double Round Fillet Frame Cutter

2043 to 2056A



Common Factor For All Cutters

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



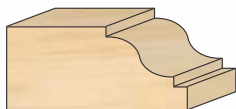
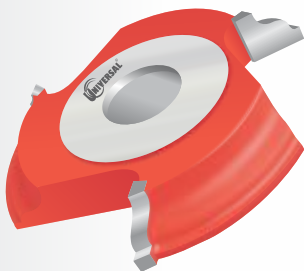
Code No.	Wood Size (mm)	Cutter Thickness
2043	15x15	12
2044	18x18	15
2045	20x20	17
2046	22x22	19
2047	25x25	22
2048	28x15	25
2049	28x28	25
2050	32x18	28
2051	32x32	28
2052	36x15	32
2053	36x18	32
2054	36x22	32
2055	36x28	32
2056	36x36	32
2056A	44x44	38

Ogee Fillet Frame Cutter

2057 to 2070A

Common Factor For All Cutters

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



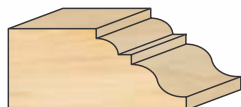
Code No.	Wood Size (mm)	Cutter Thickness
2057	15x15	12
2058	18x18	15
2059	20x20	17
2060	22x22	19
2061	25x25	22
2062	28x15	25
2063	28x28	25
2064	32x18	28
2065	32x32	28
2066	36x15	32
2067	36x18	32
2068	36x22	32
2069	36x28	32
2070	36x36	32
2070A	44x44	38

Classical Ogee Frame Cutter

2071 to 2084A

Common Factor For All Cutters

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



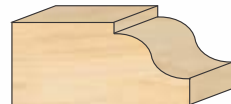
Code No.	Wood Size (mm)	Cutter Thickness
2071	15x15	12
2072	18x18	15
2073	20x20	17
2074	22x22	19
2075	25x25	22
2076	28x15	25
2077	28x28	25
2078	32x18	28
2079	32x32	28
2080	36x15	32
2081	36x18	32
2082	36x22	32
2083	36x28	32
2084	36x36	32
2084A	44x44	38

Ogee Frame Cutter

2085 to 2090

Common Factor For All Cutters

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



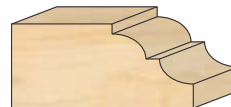
Code No.	Wood Size (mm)	Cutter Thickness
2085	15x15	12
2086	18x18	15
2087	20x20	17
2088	22x22	19
2089	25x25	22
2090	28x15	25

Classical Ogee Frame Cutter

2091 to 2098

Common Factor For All Cutters

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



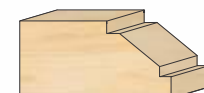
Code No.	Wood Size (mm)	Cutter Thickness
2091	15x15	12
2092	18x18	15
2093	20x20	17
2094	22x22	19
2095	25x25	22
2096	28x15	25
2097	28x28	25
2098	32x18	28

Tapper with Degree Frame Cutter

2098A to 2098F

Common Factor For All Cutters

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



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

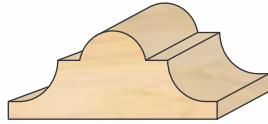
PROFILE CUTTERS

Classical Profile Cutter - 1001 to 1011



Common Factor For All Cutters

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



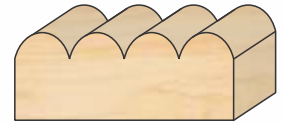
Code No.	Wood Size (mm)	Cutter Thickness
1001	15x8	19
1002	18x10	25
1003	20x8	25
1004	20x10	25
1005	22x8	25
1006	22x10	25
1007	25x10	30
1008	28x10	32
1009	32x10	38
1010	32x12	38
1011	36x15	38

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
1028	20x8	32
1029	22x8	32
1030	22x10	32
1031	28x10	38
1032	35x10	45

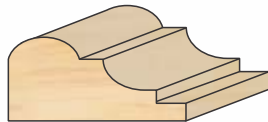
Cove & Full Bead Profile Cutter

1012A to 1027



Common Factor For All Cutters

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



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

Screen Mould Cutter - 1033 to 1040



Common Factor For All Cutters

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



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

Cove Bead Cutter - 1041 to 1046



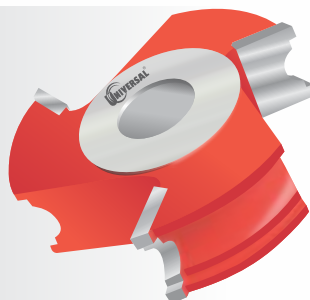
Common Factor For All Cutters

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



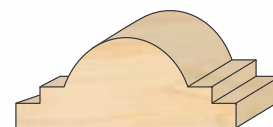
Code No.	Wood Size (mm)	Cutter Thickness
1041	10x15	19
1042	15x10	19
1043	15x15	19
1044	18x10	25
1045	22x10	25
1046	22x15	25

Classical Cutter - 1058 to 1069



Common Factor For All Cutters

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



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

Cove Ogee Cutter - 1047 to 1057



Common Factor For All Cutters

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



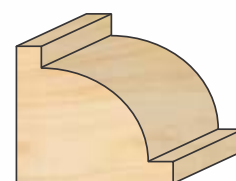
Code No.	Wood Size (mm)	Cutter Thickness
1047-A	15x10	19
1047	15x15	19
1048-A	19x10	25
1048	19x15	25
1049-A	20x8	25
1049	20x10	25
1050-A	22x8	25
1050	22x10	25
1051	22x15	25
1052	28x12	35
1053	28x15	35
1054	32x12	38
1055	32x15	38
1056	35x12	45
1057	35x15	45

Beading Cutter - 1070A to 1074



Common Factor For All Cutters

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



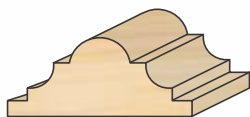
Code No.	Wood Size (mm)	Cutter Thickness
1070A	8x8	19
1070	10x10	25
1071	12x12	25
1072	15x15	32
1073	19x19	38
1074A	22x22	45
1074	25x25	50

Classical Cutter - 1075 to 1082



Common Factor For All Cutters

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



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

Beading Cutter - 1096 to 1103



Common Factor For All Cutters

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



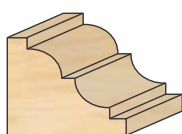
Code No.	Wood Size (mm)	Cutter Thickness
1096	12x8	19
1097	15x8	19
1098	20x10	25
1099	22x10	25
1100	28x10	32
1101	32x10	38
1102	32x12	38
1103	36x12	38

Multi Form Cutter - 1083 to 1095



Common Factor For All Cutters

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



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

Bead Cutter - 1104 to 1117



Common Factor For All Cutters

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



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

Cavetto Cutter - 1118 to 1122



Common Factor For All Cutters

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



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

Cove Cutter - 1131 to 1136



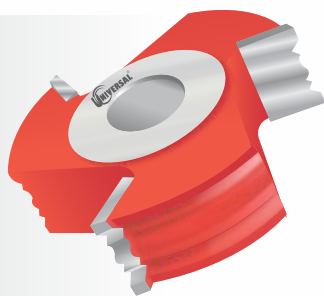
Common Factor For All Cutters

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



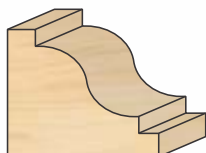
Code No.	Wood Size (mm)	Cutter Thickness
1131	22x10	25
1132	22x15	25
1133	28x12	32
1134	28x15	32
1135	32x12	38
1136	32x15	38

Ogee Cutter - 1123 to 1130C



Common Factor For All Cutters

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



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

Classical Cutter - 1137 to 1147



Common Factor For All Cutters

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



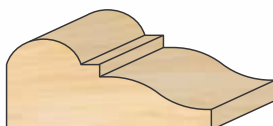
Code No.	Wood Size (mm)	Cutter Thickness
1137	15x6	19
1138	19x8	25
1139	20x8	25
1140	20x10	25
1141	22x8	25
1142	22x10	25
1143	25x8	32
1144	28x8	32
1145	32x8	38
1146	32x10	38
1147	36x10	38

Cove Ogee Cutter - 1148 to 1155



Common Factor For All Cutters

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



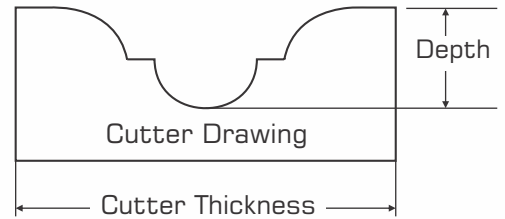
Code No.	Wood Size (mm)	Cutter Thickness
1148	15x10	19
1149	19x10	25
1150	20x10	25
1151	22x10	25
1152	28x10	32
1153	32x10	38
1154	38x12	45
1155	45x15	50

PROFILE CUTTERS



As Per Sample & As Per Drawing

Drawing Example



Profile Cutter (Design Depth up to 10mm)

Dia (mm)	Cutter Thick (mm)	Depth up to	Code No.	Teeth	Code No.	Teeth
110	up to 19	10mm	PC-1910-3	3T	PC-1910-4	4T
110	20 to 25	10mm	PC-2510-3	3T	PC-2510-4	4T
110	26 to 32	10mm	PC-3210-3	3T	PC-3210-4	4T
110	33 to 38	10mm	PC-3810-3	3T	PC-3810-4	4T
110	39 to 50	10mm	PC-5010-3	3T	PC-5010-4	4T
110	51 to 60	10mm	PC-6010-3	3T	PC-6010-4	4T
110	61 to 70	10mm	PC-7010-3	3T	PC-7010-4	4T
110	71 to 80	10mm	PC-8010-3	3T	PC-8010-4	4T
110	81 to 90	10mm	PC-9010-3	3T	PC-9010-4	4T
110	91 to 100	10mm	PC-10010-3	3T	PC-10010-4	4T
110	101 to 110	10mm	PC-11010-3	3T	PC-11010-4	4T
110	111 to 120	10mm	PC-12010-3	3T	PC-12010-4	4T
110	121 to 130	10mm	PC-13010-3	3T	PC-13010-4	4T

Profile Cutter (Design Depth up to 13mm)

Dia (mm)	Cutter Thick (mm)	Depth up to	Code No.	Teeth	Code No.	Teeth
110	up to 19	13mm	PC-1913-3	3T	PC-1913-4	4T
110	20 to 25	13mm	PC-2513-3	3T	PC-2513-4	4T
110	26 to 32	13mm	PC-3213-3	3T	PC-3213-4	4T
110	33 to 38	13mm	PC-3813-3	3T	PC-3813-4	4T
110	39 to 50	13mm	PC-5013-3	3T	PC-5013-4	4T
110	51 to 60	13mm	PC-6013-3	3T	PC-6013-4	4T
110	61 to 70	13mm	PC-7013-3	3T	PC-7013-4	4T
110	71 to 80	13mm	PC-8013-3	3T	PC-8013-4	4T
110	81 to 90	13mm	PC-9013-3	3T	PC-9013-4	4T
110	91 to 100	13mm	PC-10013-3	3T	PC-10013-4	4T
110	101 to 110	13mm	PC-11013-3	3T	PC-11013-4	4T
110	111 to 120	13mm	PC-12013-3	3T	PC-12013-4	4T
110	121 to 130	13mm	PC-13013-3	3T	PC-13013-4	4T

Profile Cutter (Design Depth up to 19mm)

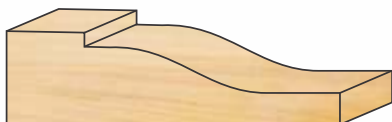
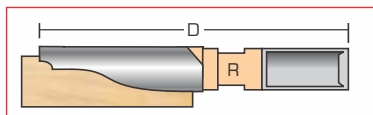
Dia (mm)	Cutter Thick (mm)	Depth up to	Code No.	Teeth	Code No.	Teeth
110	up to 19	19mm	PC-1919-3	3T	PC-1919-4	4T
110	20 to 25	19mm	PC-2519-3	3T	PC-2519-4	4T
110	26 to 32	19mm	PC-3219-3	3T	PC-3219-4	4T
110	33 to 38	19mm	PC-3819-3	3T	PC-3819-4	4T
110	39 to 50	19mm	PC-5019-3	3T	PC-5019-4	4T
110	51 to 60	19mm	PC-6019-3	3T	PC-6019-4	4T
110	61 to 70	19mm	PC-7019-3	3T	PC-7019-4	4T
110	71 to 80	19mm	PC-8019-3	3T	PC-8019-4	4T
110	81 to 90	19mm	PC-9019-3	3T	PC-9019-4	4T
110	91 to 100	19mm	PC-10019-3	3T	PC-10019-4	4T
110	101 to 110	19mm	PC-11019-3	3T	PC-11019-4	4T
110	111 to 120	19mm	PC-12019-3	3T	PC-12019-4	4T
110	121 to 130	19mm	PC-13019-3	3T	PC-13019-4	4T

Panel Raised Cutter - 3001A-R3 to 3014-L4

Right Side Pic.



Cutter Head with Wood Underneath



Bore Size - As Per Your Require.

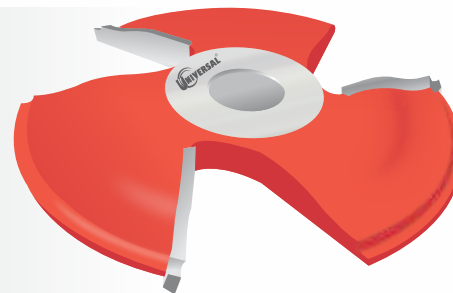
Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3001A-R3	150	32X18	3T	Right
3001A-L3	150	32X18	3T	Left
3001A-R4	150	32X18	4T	Right
3001A-L4	150	32X18	4T	Left
3001-R3	175	40X18	3T	Right
3001-L3	175	40X18	3T	Left
3001-R4	175	40X18	4T	Right
3001-L4	175	40X18	4T	Left
3002-R3	175	50X18	3T	Right
3002-L3	175	50X18	3T	Left
3002-R4	175	50X18	4T	Right
3002-L4	175	50X18	4T	Left



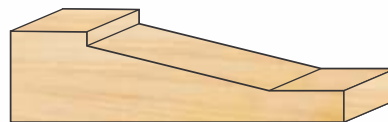
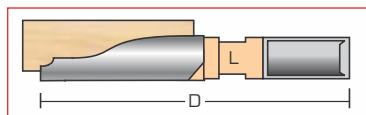
Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3003A-R3	150	32X18	3T	Right
3003A-L3	150	32X18	3T	Left
3003A-R4	150	32X18	4T	Right
3003A-L4	150	32X18	4T	Left
3003-R3	175	40X18	3T	Right
3003-L3	175	40X18	3T	Left
3003-R4	175	40X18	4T	Right
3003-L4	175	40X18	4T	Left
3004-R3	175	50X18	3T	Right
3004-L3	175	50X18	3T	Left
3004-R4	175	50X18	4T	Right
3004-L4	175	50X18	4T	Left

Left Side Pic.



Cutter Head with Wood Underneath



Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3005A-R3	150	32X18	3T	Right
3005A-L3	150	32X18	3T	Left
3005A-R4	150	32X18	4T	Right
3005A-L4	150	32X18	4T	Left
3005-R3	175	40X18	3T	Right
3005-L3	175	40X18	3T	Left
3005-R4	175	40X18	4T	Right
3005-L4	175	40X18	4T	Left
3006-R3	175	50X18	3T	Right
3006-L3	175	50X18	3T	Left
3006-R4	175	50X18	4T	Right
3006-L4	175	50X18	4T	Left



Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3007A-R3	150	32X18	3T	Right
3007A-L3	150	32X18	3T	Left
3007A-R4	150	32X18	4T	Right
3007A-L4	150	32X18	4T	Left
3007-R3	175	40X18	3T	Right
3007-L3	175	40X18	3T	Left
3007-R4	175	40X18	4T	Right
3007-L4	175	40X18	4T	Left
3008-R3	175	50X18	3T	Right
3008-L3	175	50X18	3T	Left
3008-R4	175	50X18	4T	Right
3008-L4	175	50X18	4T	Left

Panel Raised Cutter

Right Side Pic.



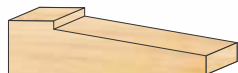
Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3009A-R3	150	32X18	3T	Right
3009A-L3	150	32X18	3T	Left
3009A-R4	150	32X18	4T	Right
3009A-L4	150	32X18	4T	Left
3009-R3	175	40X18	3T	Right
3009-L3	175	40X18	3T	Left
3009-R4	175	40X18	4T	Right
3009-L4	175	40X18	4T	Left
3010-R3	175	50X18	3T	Right
3010-L3	175	50X18	3T	Left
3010-R4	175	50X18	4T	Right
3010-L4	175	50X18	4T	Left



Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3011A-R3	150	32X18	3T	Right
3011A-L3	150	32X18	3T	Left
3011A-R4	150	32X18	4T	Right
3011A-L4	150	32X18	4T	Left
3011-R3	175	40X18	3T	Right
3011-L3	175	40X18	3T	Left
3011-R4	175	40X18	4T	Right
3011-L4	175	40X18	4T	Left
3012-R3	175	50X18	3T	Right
3012-L3	175	50X18	3T	Left
3012-R4	175	50X18	4T	Right
3012-L4	175	50X18	4T	Left



Bore Size - As Per Your Require.

Code No.	Dia (mm)	Wood Size (mm)	Teeth	Direction
3013A-R3	150	32X18	3T	Right
3013A-L3	150	32X18	3T	Left
3013A-R4	150	32X18	4T	Right
3013A-L4	150	32X18	4T	Left
3013-R3	175	40X18	3T	Right
3013-L3	175	40X18	3T	Left
3013-R4	175	40X18	4T	Right
3013-L4	175	40X18	4T	Left
3014-R3	175	50X18	3T	Right
3014-L3	175	50X18	3T	Left
3014-R4	175	50X18	4T	Right
3014-L4	175	50X18	4T	Left

Raised Panel Profile Cutter

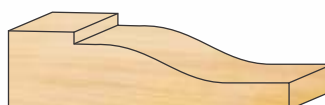
(for Auto Mould Machine)

3025 to 3034

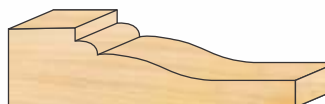


Right Side Pic.

Left Side Pic.



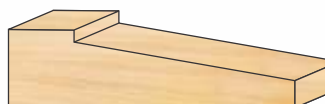
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3025R	3025L	40x18	110	25.4	3
3026R	3026L	50x18	110	25.4	3



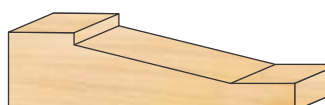
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3027R	3027L	40x18	110	25.4	3
3028R	3028L	50x18	110	25.4	3



Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3029R	3029L	40x18	110	25.4	3
3030R	3030L	50x18	110	25.4	3



Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3031R	3031L	40x18	110	25.4	3
3032R	3032L	50x18	110	25.4	3

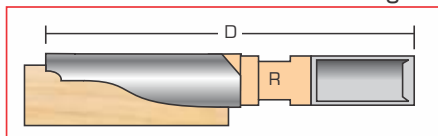


Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3033R	3033L	40x18	110	25.4	3
3034R	3034L	50x18	110	25.4	3

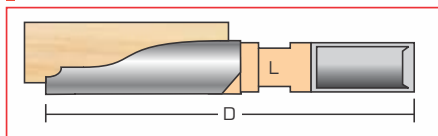
Raised Panel Cutter - 4001 to 4014-F



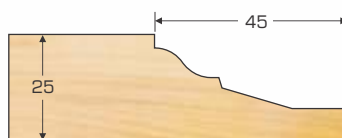
 Cutter Head with Wood Underneath (Right)



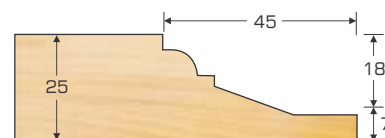
 Cutter Head with Wood Underneath (Left)



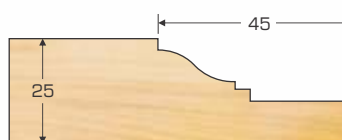
Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
4001	45x25	150	1 1/4"	4
4002	45x25	150	1 1/4"	4
4003	45x25	150	1 1/4"	4
4004	45x25	150	1 1/4"	4
4005	45x25	150	1 1/4"	4
4006	45x25	150	1 1/4"	4
4007	45x22	150	1 1/4"	4
4008	45x22	150	1 1/4"	4
4009	45x22	150	1 1/4"	4
4010	45x22	150	1 1/4"	4
4011	45x22	150	1 1/4"	4
4012	45x22	150	1 1/4"	4
4013	45x22	150	1 1/4"	4
4014	45x22	150	1 1/4"	4
4014-A	50x22	150	1 1/4"	4
4014-B	45x22	150	1 1/4"	4
4014-C	50x18	150	1 1/4"	4
4014-D	45x18	150	1 1/4"	4
4014-E	45x18	150	1 1/4"	4
4014-F	45x18	150	1 1/4"	4



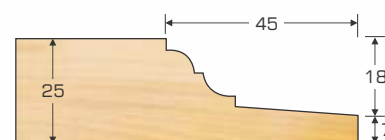
Code No.: 4001



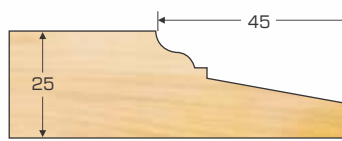
Code No.: 4002



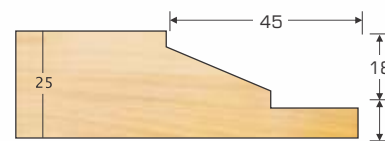
Code No.: 4003



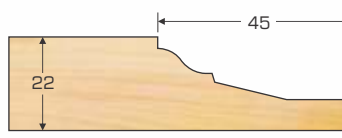
Code No.: 4004



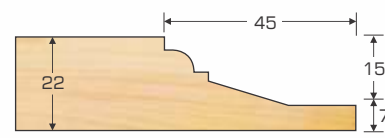
Code No.: 4005



Code No.: 4006

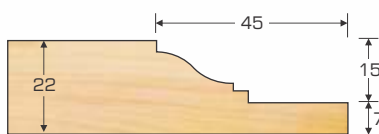


Code No.: 4005



Code No.: 4006

Above All Code Number Cutters Are Right Direction



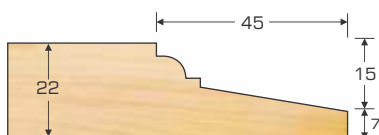
Code No.: 4009



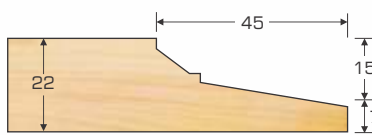
Code No.: 4010



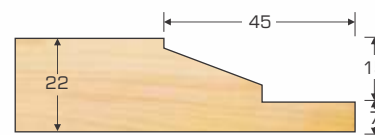
Code No.: 4011



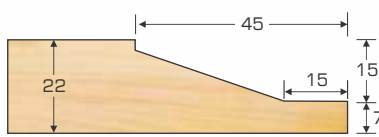
Code No.: 4012



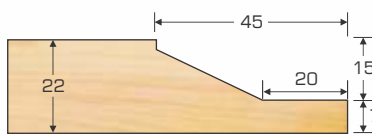
Code No.: 4013



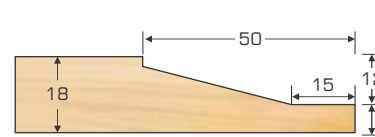
Code No.: 4014



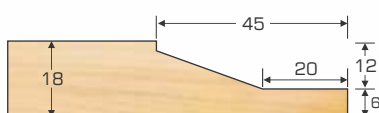
Code No.: 4014-A



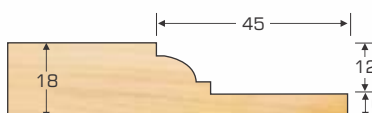
Code No.: 4014-B



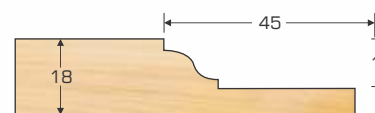
Code No.: 4014-C



Code No.: 4014-D



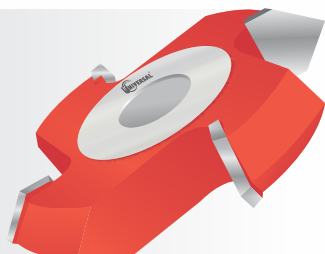
Code No.: 4014-E



Code No.: 4014-F

Special Purpose Cutter

» "V" Groove Cutter - 760 to 766



Common Factor For All Cutters

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



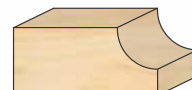
Code No.	Thickness	Degree
760	6mm	90°
761	8mm	90°
762	10mm	90°
763	12mm	90°
764	15mm	90°
765	19mm	90°
766	25mm	90°

» Half Radius Cutter - 774 to 779-L



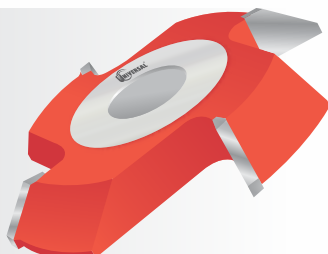
Common Factor For All Cutters

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



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

» Champhering Cutter - 767 to 773-L



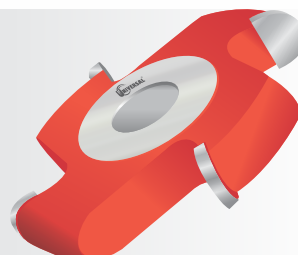
Common Factor For All Cutters

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



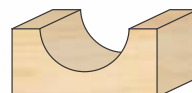
Code No.	Thickness	Degree
767	8mm	45°
768	10mm	45°
769	12mm	45°
770	15mm	45°
771	19mm	45°
772	25mm	45°
773	32mm	45°
(Left) 767-L	8mm	45°
(Left) 768-L	10mm	45°
(Left) 769-L	12mm	45°
(Left) 770-L	15mm	45°
(Left) 771-L	19mm	45°
(Left) 772-L	25mm	45°
(Left) 773-L	32mm	45°

» Full Radius Cutter - 780 to 786



Common Factor For All Cutters

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



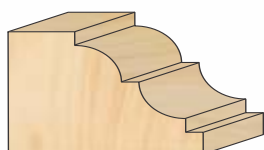
Code No.	Thickness	Radius
780	6mm	3 ^R
781	8mm	4 ^R
782	10mm	5 ^R
783	12mm	6 ^R
784	15mm	7.5 ^R
785	19mm	9.5 ^R
786	25mm	12.5 ^R

One Tooth Multi Profile Cutter - 501 to 520

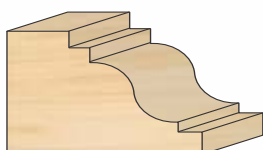


Common Factor For All Cutters

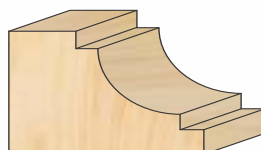
DIA (mm)	BORE (mm)	TEETH
120	25.4	3T



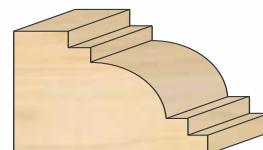
Code No.	Size
501	25x25
508	19x19
516	32x32
517	38x38



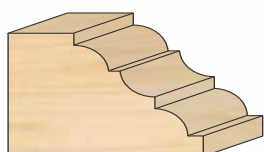
Code No.	Size
502	20x20
503	28x28
512	18x18
518	35x35



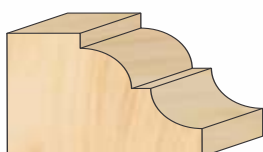
Code No.	Size
504	19x19
507	22x22
509	28x28



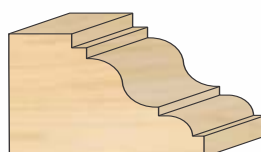
Code No.	Size
505	28x28
506	22x22
511	18x18
519	35x35



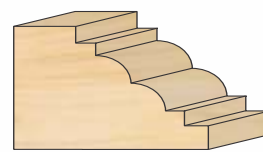
Code No.	Size
510	32x32



Code No.	Size
513	22x22

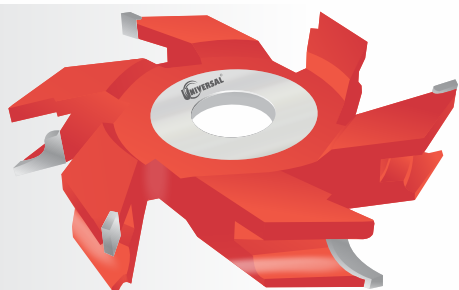


Code No.	Size
514	28x28
520	38x38

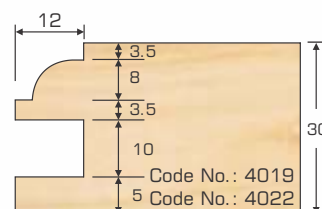
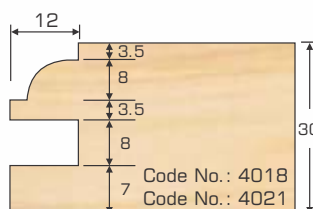
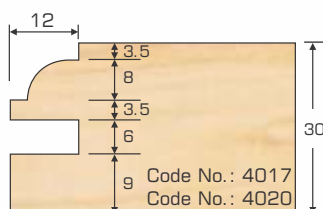
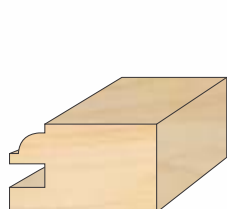


Code No.	Size
515	25x25

Grooving Cum Molem (Use On : Spindle Moulder M/C & Planner M/C) - 4017 to 4022

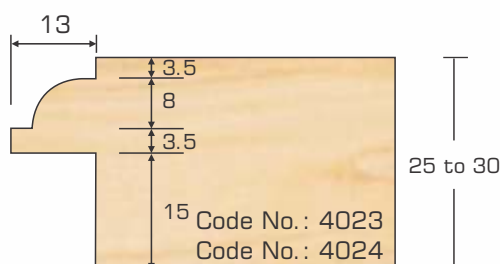
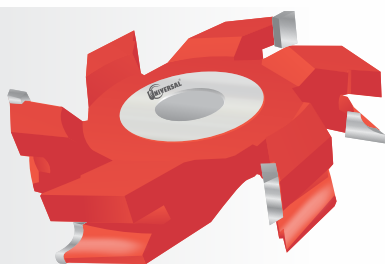


Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth	Direction
4017	25 to 32	125	1 1/4"	3+3	Left
4018	25 to 32	125	1 1/4"	3+3	Left
4019	25 to 32	125	1 1/4"	3+3	Left
4020	25 to 32	150	1"	3+3	Right
4021	25 to 32	150	1"	3+3	Right
4022	25 to 32	150	1"	3+3	Right



Rebating Cum Molem

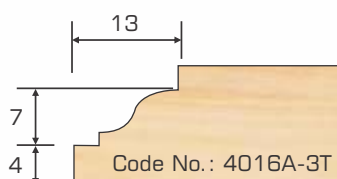
(Use On : Spindle Moulder M/C & Planner M/C)



Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth	Direction
4023	25 to 32	125	1 1/4"	3+3	Left
4024	25 to 32	150	1"	3+3	Right

"S" Type Frame Cutter

(Use On : Spindle Moulder M/C)



Right Side Direction

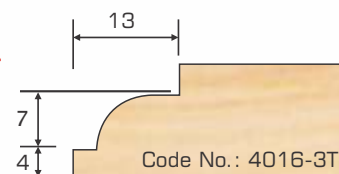
Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015A-3TR	110	1 1/4"	13x8x4	Right	3
4016A-3TR	110	1 1/4"	13x7x4	Right	3
4015A-4TR	110	1 1/4"	13x8x4	Right	4
4016A-4TR	110	1 1/4"	13x7x4	Right	4

Left Side Direction

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

Window Molem Cutter

(Use On : Spindle Moulder M/C)



Right Side Direction

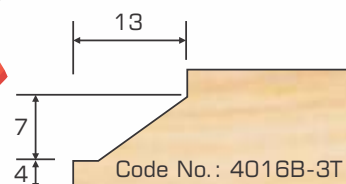
Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015-3TR	110	1 1/4"	13x8x4	Right	3
4016-3TR	110	1 1/4"	13x7x4	Right	3
4015-4TR	110	1 1/4"	13x8x4	Right	4
4016-4TR	110	1 1/4"	13x7x4	Right	4

Left Side Direction

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

Tapper Frame Cutter

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



Right Side Direction

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

Left Side Direction

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

Finger Joint Cutter- FJ-1 to FJ-4

Each One



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
FJ-1	5	15	125	31.75	4T
FJ-2	7	22	125	31.75	4T
FJ-3	10	25	125	31.75	4T

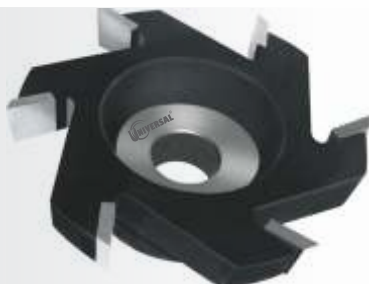


Solder Cutter - SLD-1 to SLD-4



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
SLD-1	5/10	15	125	31.75	4T
SLD-2	7/12	22	125	31.75	4T
SLD-3	10/14	25	125	31.75	4T

Facing Cutter - FC-1 to FC-2



Code No.	Dia (inch)	Bore (mm)	Carbide Thickness (mm)	Body Thickness (mm)	Teeth
FC-1	5"	25.4	18	38	6
FC-2	6½"	25.4	18	38	6

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



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

T.C.T Brazed Solder Cutter - ATB.SLD.26

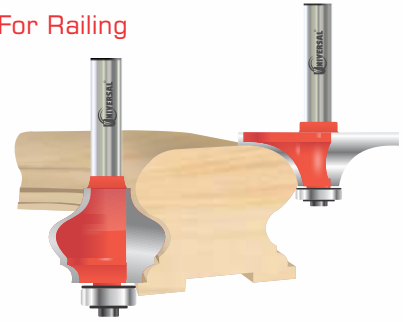


Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
SLD-4	4/10	13	160	50	2

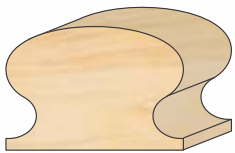
Railing Cutter - 1201 to 1205-B



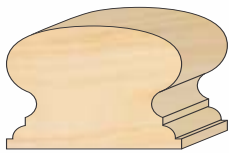
» Router Bits For Railing



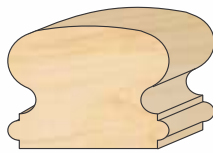
Also Available Router Bits For Railing



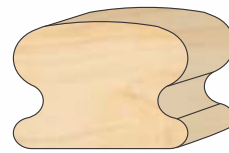
No.: 1201 (70x45)
No.: 1201-A (70x60)
No.: 1201-B (90x70)



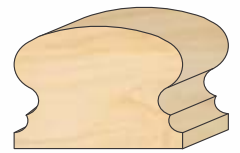
No.: 1202 (70x45)
No.: 1202-A (70x60)
No.: 1202-B (90x70)



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



No.: 1204 (70x45)
No.: 1203-A (70x60)
No.: 1203-B (90x70)



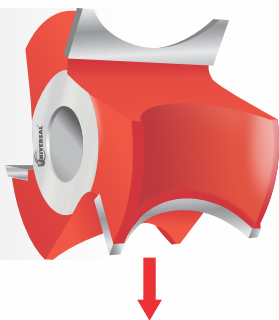
No.: 1205 (70x45)
No.: 1205-A (70x60)
No.: 1205-B (90x70)

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

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

Railing Router Bit Set

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



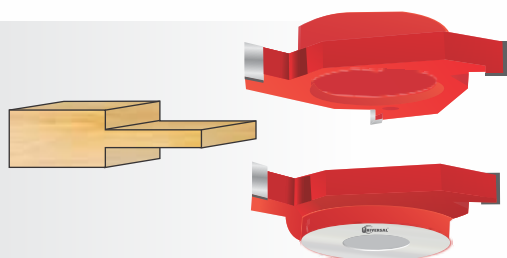
Radius Cutter For Railing Top

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

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

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

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



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

Blade Holder(Roll) BH-01 to BH-26



Code No.	Dia (inch)	Bore (mm)	Thick (inch)
BH-01	4"	25.4	3/4"
BH-02	4"	25.4	1"
BH-03	4"	25.4	1 1/4"
BH-04	4"	25.4	1 1/2"
BH-05	4"	25.4	1 3/4"
BH-06	4"	25.4	2"
BH-07	4"	25.4	2 1/4"
BH-08	4"	25.4	2 1/2"
BH-09	4"	25.4	2 3/4"
BH-10	4"	25.4	3"
BH-11	4"	25.4	3 1/2"
BH-12	4"	25.4	4"
BH-13	4"	25.4	5"

Code No.	Dia (inch)	Bore (mm)	Thick (inch)
BH-14	5"	25.4	3/4"
BH-15	5"	25.4	1"
BH-16	5"	25.4	1 1/4"
BH-17	5"	25.4	1 1/2"
BH-18	5"	25.4	1 3/4"
BH-19	5"	25.4	2"
BH-20	5"	25.4	2 1/4"
BH-21	5"	25.4	2 1/2"
BH-22	5"	25.4	2 3/4"
BH-23	5"	25.4	3"
BH-24	5"	25.4	3 1/2"
BH-25	5"	25.4	4"
BH-26	5"	25.4	5"

Beading Cutter (Use for Cm4 Machine)



Code No.	Dia (mm)	Teeth	Thick (mm)	Hole
BC-1	50mm	2	25mm	20mm
BC-2	50mm	2	40mm	20mm

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

A B C D

Code No. : WTL - 01

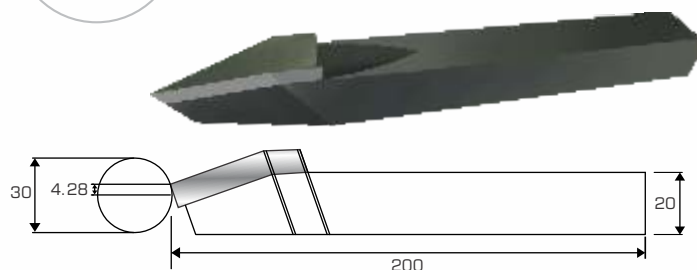


4 Pcs - 1 set

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



ORDER NO. - ATB.WTL.1002



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



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

(Only Augar Bit)

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



Drill Chuck

Code No. 993-A

Chain Set (For Chain Mortising M/C)



H.C.S. Chain Set

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

T.C.T. Chain Set

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

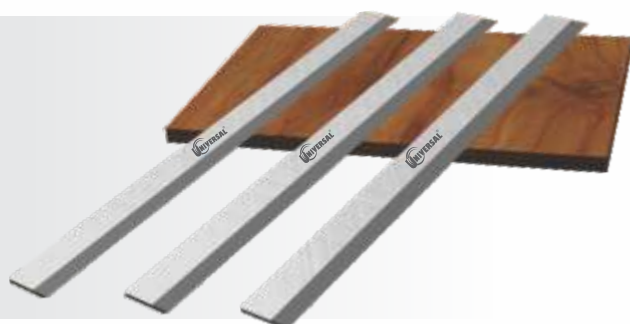
also Available High Performance Chain Set Made in ITALY (Size : 1/2"- Price :9500/-)

Solid Carbide Planer Knife - 951 to 954



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

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

T.C.T. Brazed Hand Planer Knife Set 976 to 976-AA (For Elec. Planer M/C)



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

HSS Planer Blade



959-HSS to 965-HSS

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

Resin Bonded Diamond Grinding Wheel - 801 to D835
HIGH PERFORMANCE
» Flat Wheel


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

» Radius Wheel


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

» Dish Wheel


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

» Thin Dish Wheel (for Saw blade face grinding)


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

» Cup Wheel


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

» Cup Wheel


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

» Degree Wheel-90°


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

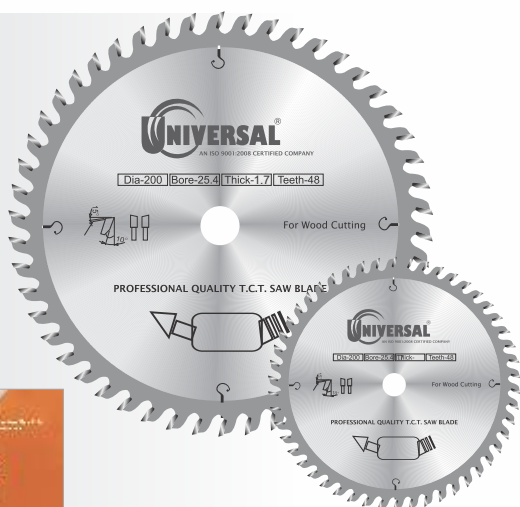
» Hand Grinder Wheel

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


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

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)
701	4"	30	1.5	20
702	4"	40	1.5	20
703	5"	40	1.5	20
704	7"	40	1.5	25.4
705	7"	60	1.5	25.4
706	8"	48	1.7	25.4
707	10"	48	2.0	25.4

T.C.T. Economic Series Circular Saw Blade

Universal Economic Series T.C.T. Saw Blade



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

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

HIGH PERFORMANCE SAW BLADE

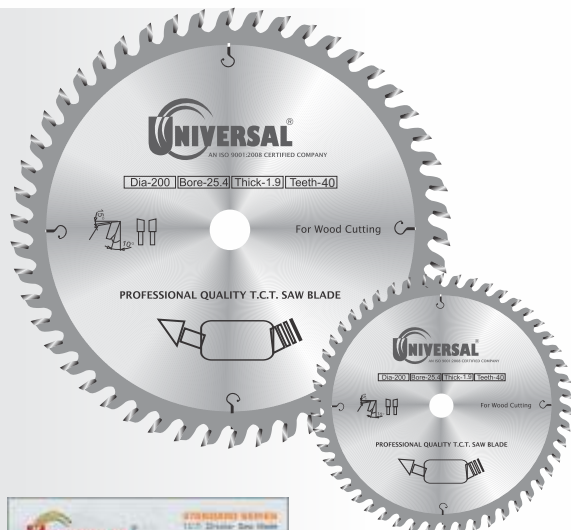


Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
AT.SBC.044016	110	40	1.6	20.0
AT.SBC.054016	125	40	1.6	20.0
AT.SBC.074018	180	40	1.8	25.4
AT.SBC.084020	200	40	2.0	25.4
AT.SBC.104825	250	48	2.5	25.4
AT.SBC.124832	300	48	3.2	25.4

T.C.T. Standard Series Circular Saw Blade

HIGH PERFORMANCE SAW BLADE

Universal Standard Series T.C.T. Saw Blade



Code No.	Dia	Teeth	Thick (mm)	Bore (mm)
723A	4"	30	1.8	20
723	4"	40	1.8	20
724A	5"	30	1.8	20
724	5"	40	1.8	20
725A	6"	60	1.8	25.4
725	7"	40	1.8	25.4
726	7"	60	1.8	25.4
727	8"	40	1.9	25.4
728	8"	60	1.9	25.4
729	10"	40	2.6	25.4
730	10"	60	2.6	25.4
731	12"	40	3.2	25.4
732	12"	60	3.2	25.4

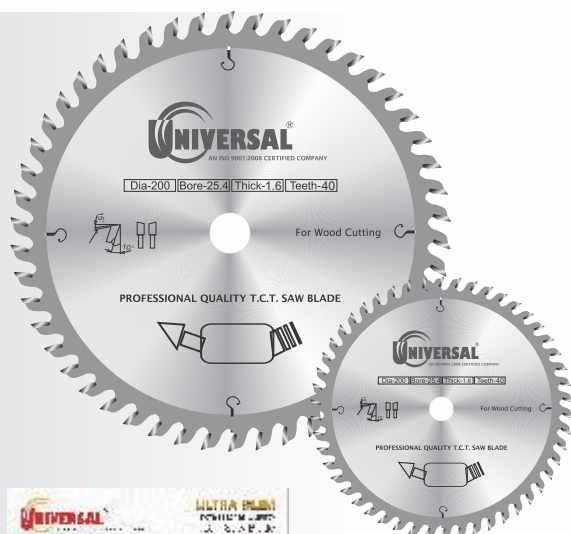
New T.C.T. Saw Blade for Aluminum Cutting

751	10"	80	2.8	25.4
752	10"	100	2.8	25.4
753	12"	100	3.0	25.4
754	12"	120	3.0	25.4
755	14"	120	3.0	25.4

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

HIGH PERFORMANCE SAW BLADE

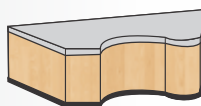
Universal Ultra Slim Series T.C.T. Saw Blade



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

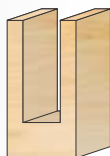
ECONOMIC ROUTER BITS SERIES

Flush Trim Bit



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

Cleaning Bottom Straight Bit



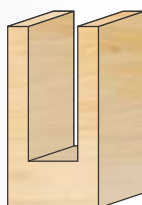
TJ-1A	6	6	20
TJ-1AY	6	6.35	20
TJ-1	6	8	20
TJ-4A	8	6	20
TJ-4AY	8	6.35	20
TJ-4	8	8	20
TJ-8A	10	6	20
TJ-8AY	10	6.35	20
TJ-8	10	8	20
TJ-12A	12	6	20
TJ-12AY	12	6.35	20
TJ-12	12	8	20

Corner Radius Bit



TS-1	2R	6	7
TS-1Y	2R	6.35	7
TS-2	3R	6	8
TS-2Y	3R	6.35	8

Straight Bit



TS-10A	4	6	12
TS-10AY	4	6.35	12
O-1	4	8	12
TS-10	6	6	20
TS-10Y	6	6.35	20
O-2	6	8	20
TS-11	8	6	20
TS-11Y	8	6.35	20
O-3	8	8	20
TS-11A	10	6	20
TS-11AY	10	6.35	20
O-4	10	8	20
TS-12	12	6	20
TS-12Y	12	6.35	20
O-5	12	8	20

T.C.T. Router Bits

» Classical Bits



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

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

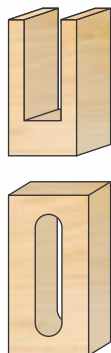
» Beading Flat Bits



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

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

» Straight Bits (Cleaning Bottom Bits)



Cleaning Bottom Bits

Cutting Dia : 4mm

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

Cutting Dia : 6mm

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

Cutting Dia : 8mm

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

Cutting Dia : 10mm

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

Cutting Dia : 12mm

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

Cutting Dia : 12mm

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

Cutting Dia : 15mm

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

Cutting Dia : 19mm

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

Cutting Dia : 25mm

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

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



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

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

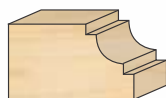
Code No.	Thick (mm)	Depth (mm)	Teeth	Shank (mm)
126-AA	3	12	4	8
126-A	4	12	4	8
126	6	12	4	8
127	8	12	4	8
127-A	9	12	4	8
128	10	12	4	8
129	12	12	4	8
130	15	12	4	8
131	19	12	4	8
131-A	25	12	4	8
131-B	32	12	2	12
131-C	38	12	2	12
131-D	19	12	4	12
131-E	25	12	4	12

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

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

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

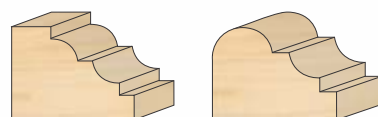
» Classical Cove Bits



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

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

» Corner Bits



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

» Cove Bits



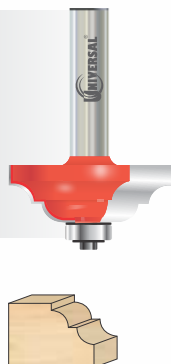
Bearing Size : D-13 x B-5 x T-4

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

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

T.C.T. Router Bits

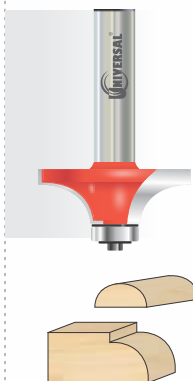
» Classical Bits



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

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

» Round Over Bits



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

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

» Half Radius Bits



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

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

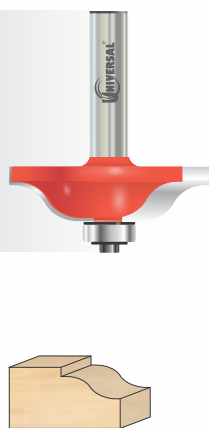
» Chamfer Bits



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

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

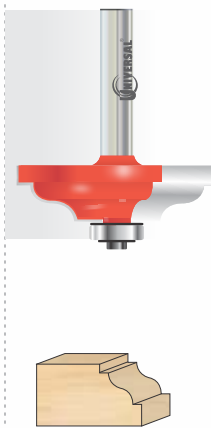
» Roman Ogee Bits



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

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

» Ogee Fillet Bits



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

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

T.C.T. ROUTER BITS

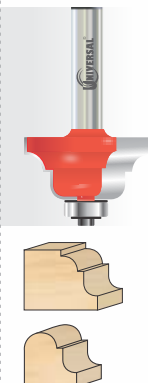
» Ogee Bits



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

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

» Corner Bit



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

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

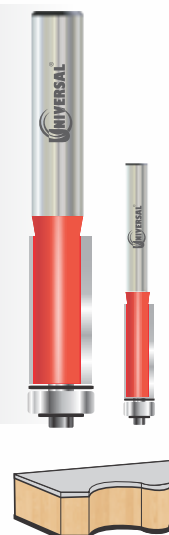
» Round Nose Bits



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

Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)
195	12	15	8
195-A	12	15	6
195-B	12	15	6.35
195-C	12	15	12
196	15	18	8
196-A	15	18	12
197	19	20	8
197-A	19	20	12
198	25	20	8
198-A	25	20	12

» Trim Bits



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

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

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

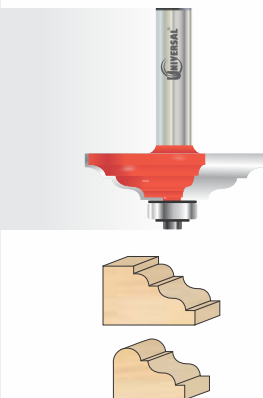
Bearing Size : 3/8" x 3/16"

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

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

T.C.T. ROUTER BITS

» Corner Ogee Bits



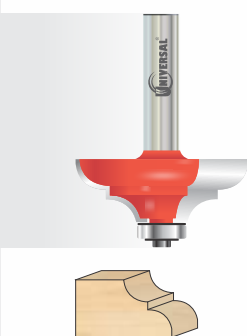
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
203	15x10	40	8
204	15x15	40	8
205	19x10	47	8
206	19x15	47	8
207	19x19	47	8
208	22x10	52	8
209	22x12	52	8
210	22x15	52	8
211	22x22	52	8

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

Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
212	25x10	57	8
213	25x15	57	8
214	25x25	57	8
215	28x10	62	8
216	28x12	62	8
217	28x15	62	8
218	35x10	74	8
219	35x12	74	8
220	35x15	74	8

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

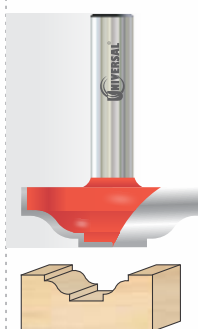
» Classical Bits



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

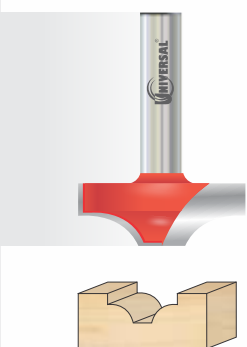
Bearing Size : D-13 x B-5 x T-4

» Plung Ogee Fillet Bits



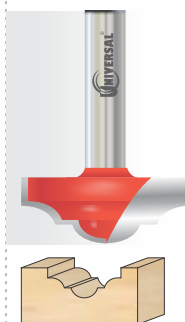
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
226	19x10	19	8
227	22x10	22	8
228	25x10	25	8
228-A	32x10	32	8

» Ovolo Bits



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

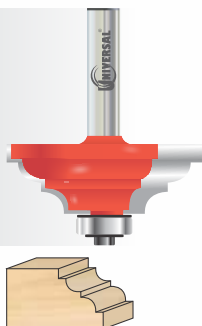
» Plung Classical Bits



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

T.C.T. ROUTER BITS

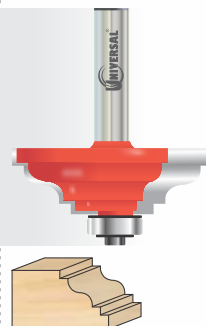
» Frame Bits



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

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

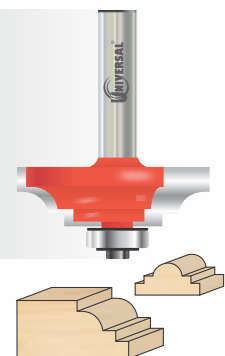
» Ogee Double Fillet Bits



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

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

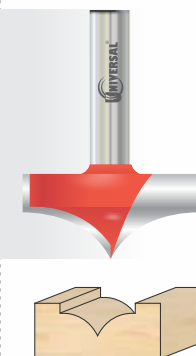
» Classical Bedding Bits



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

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

» Ovolo Bits



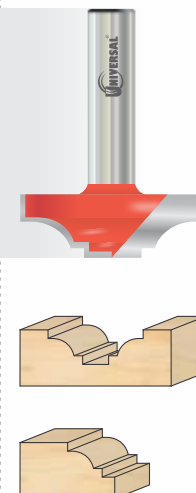
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
259	10x8	10	8
260	12x8	12	8
261	15x8	15	8
262	19x10	19	8
263	22x10	22	8
264	25x10	25	8
265	32x12	32	8
266	38x12	38	8

» V Groove Bits



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

» Classical Pattern Bits



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

T.C.T. ROUTER BITS

» Spiral & Round Over Bits For Rassi



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



» Cove Bits



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

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

» Roman Ogee Bits



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

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

» Framing Bits



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

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

» Core Box Bits



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

» Plung Cavetto Bits



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

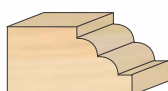
T.C.T. ROUTER BITS

» Double Round Mould Bits



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

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

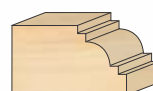


» Double Fillet Cove Bits



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

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



» Classical Bits



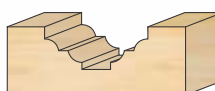
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
316	15x10	15	8
317	19x10	19	8
318	22x10	22	8
319	25x10	25	8
320	28x10	28	8



» Corner Bits



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



» Beading Router Bits



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

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

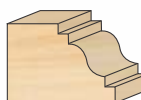


» Corner Frame Bits



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

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

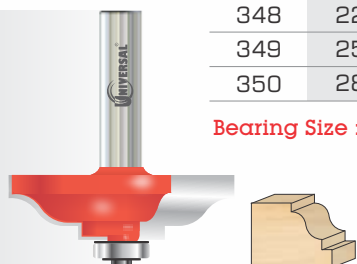


T.C.T. ROUTER BITS

» Beading Router Bits

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

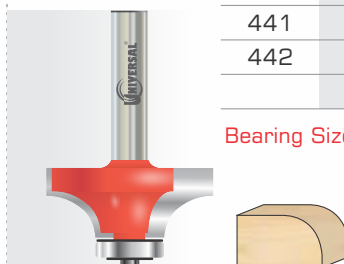
Bearing Size : D-13 x B-5 x T-4



» Corner Radius Bits

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

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



» Solid Carbide Straight Bits (Steel Shank)

Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)
425	2	6	8
426	3	8	8
427	4	12	8



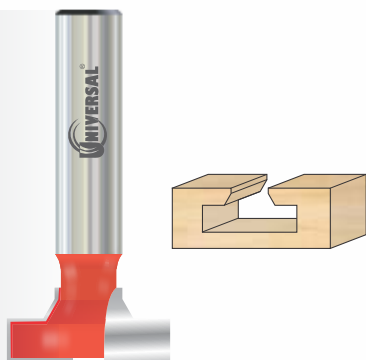
» Solid Carbide Straight Bits

Code No.	Dia (mm)	Cutting Length (mm)	Shank (mm)
428-A	5	18	8
428	6	25	8
429	8	30	8
429-A	10	30	10
429-B	12	30	12



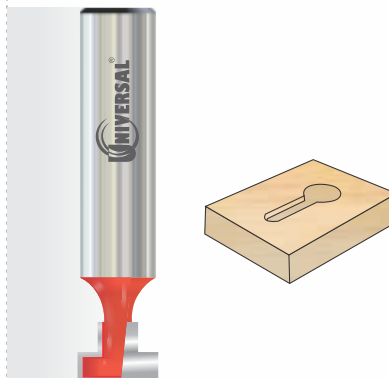
» T- Slotting Bits

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



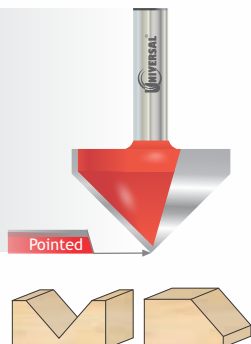
» Key Hole Bits

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



T.C.T. ROUTER BITS

» "V" Groove Bits (Pointed)



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

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

» Dovetail Bits



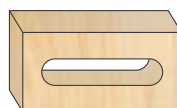
Code No.	Dia (mm)	Height (mm)	Shank (mm)
430	12.7	12.7	8
430-A	12.7	12.7	12
431	15.8	16	8
431-A	15.8	16	12
432	19	20	8
432-A	19	20	12
432-B	25.4	26	8
432-C	25.4	26	12



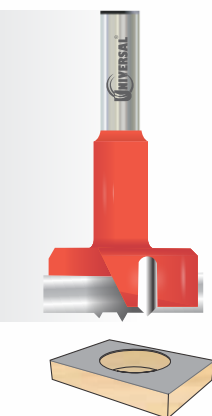
» T.C.T. Long Slot Drill Bit



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



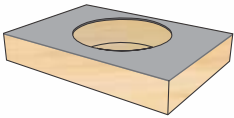
» Hinge Boring Bits



Code No.	Dia (mm)	Shank (mm)	Shank Length (mm)
901	15	10	55
902	19	10	55
903	20	10	55
904	22	10	55
905	25	10	55
906	28	10	55
907	30	10	55
908	32	10	55
909	34	10	55
910	35	10	55
911	36	10	55
912	38	10	55
913	40	10	55
914	42	10	55
915	45	10	55

Code No.	Dia (mm)	Shank (mm)	Shank Length (mm)
916	48	10	55
917	50	10	55
918	52	10	55
919	55	10	55
920	58	10	55
921	60	10	55
922	63.5	10	55
923	65	12	55
924	70	12	55
925	75	12	55
926	80	12	55
927	85	12	55
928	90	12	55
929	95	12	55
930	100	12	55

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



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

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

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

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

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



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

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



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

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



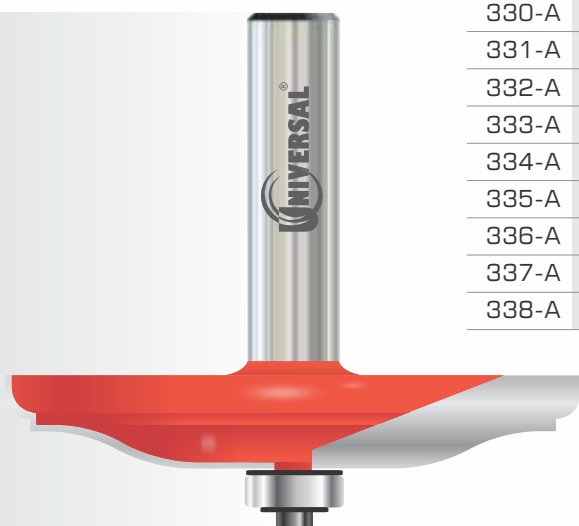
Code No.	Dia (mm)	C.L. (mm)	O.A.L. (mm)	Shank (mm)
477	10	100	150	9
478	12	100	150	10
479	13	100	150	12
480	14	100	150	12
481	15	100	150	12
482	16	100	150	12
483	17	100	150	12
484	18	100	150	12
485	19	100	150	12
486	20	100	150	12

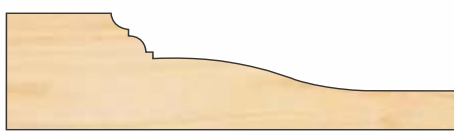
T.C.T. ROUTER BITS

» Raised Panel Router Bits

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

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


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

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

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

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

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

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

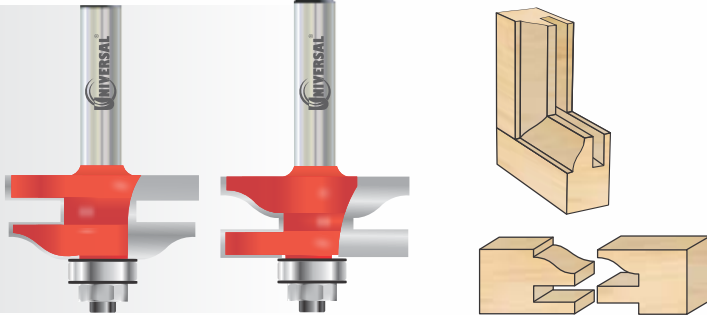
 Code No. :335 / 335-A
 335-B / 335-C

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

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

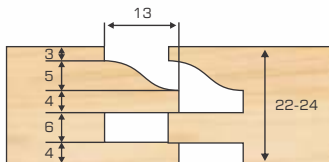
 Code No. :338 / 338-A
 338-B / 337-C

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

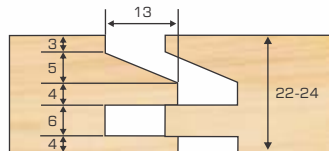


Bearing Size : 22mm x 8mm x 6mm

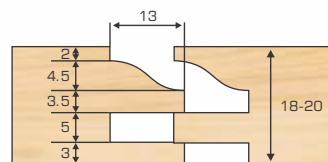
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
381	22-24	48	12
382	22-24	48	12
383	22-24	48	12
384	22-24	48	12
385	22-24	48	12
386	22-24	48	12
387	18-20	48	12
388	18-20	48	12
389	18-20	48	12
390	18-20	48	12
391	18-20	48	12
392	18-20	48	12



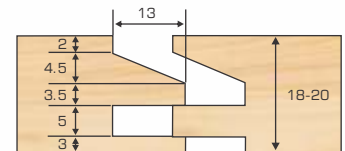
Code No. : 381



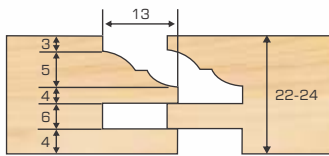
Code No. : 384



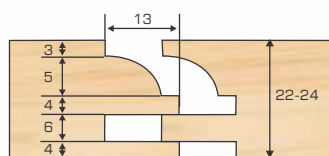
Code No. : 387



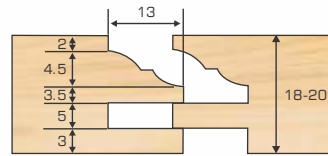
Code No. : 390



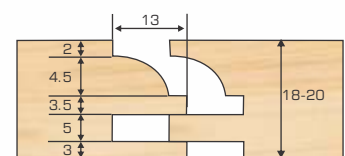
Code No. : 382



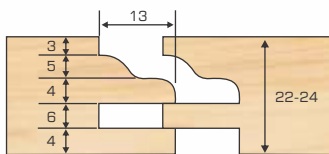
Code No. : 385



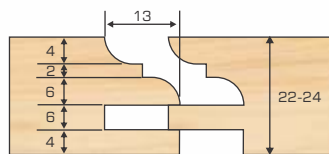
Code No. : 388



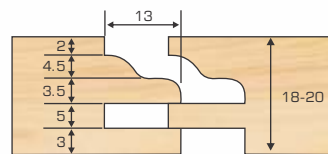
Code No. : 391



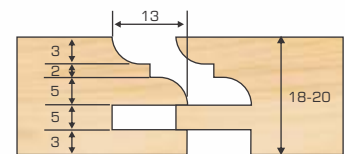
Code No. : 383



Code No. : 386



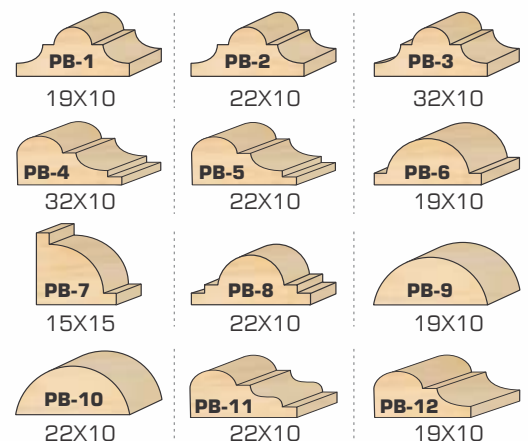
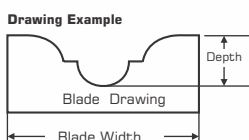
Code No. : 389



Code No. : 392

As Per Sample & As Per Drawing

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

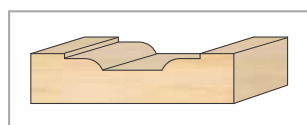
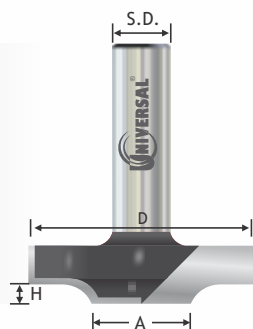


12 pieces blade set
as per above wooden picture and size

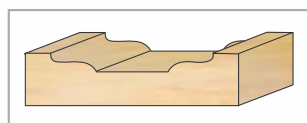
CNC Router Bits For Membrane Doors



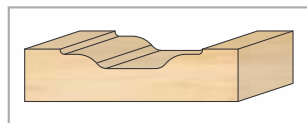
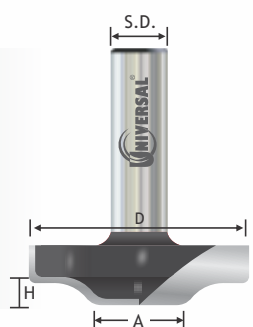
» Plung Ogee Fillet Design Bits - AMD



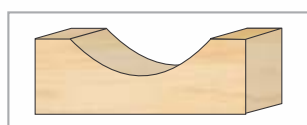
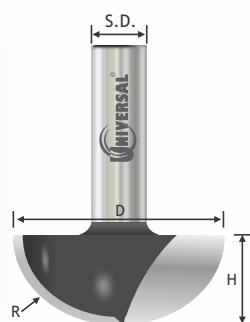
» Beading Groove Design Bits - BMD



» Classical Design Bits - CMD



» Round Nose Bits



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

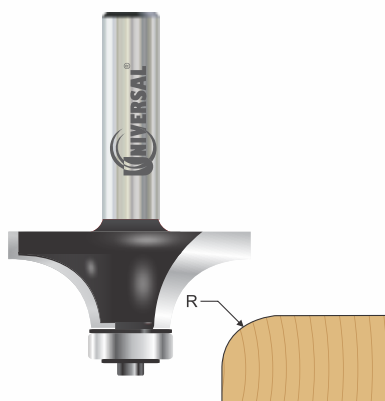
BMD-251015	25	10	1.5	12
BMD-251020	25	10	2.0	12
BMD-301525	30	15	2.5	12
BMD-321425	32	14	2.5	12
BMD-321430	32	14	3.0	12
BMD-351715	35	17	1.5	12
BMD-351720	35	17	2.0	12
BMD-351725	35	17	2.5	12
BMD-351730	35	17	3.0	12
BMD-351735	35	17	3.5	12
BMD-351535	35	15	3.5	12
BMD-351830	35	18	3.0	12

CMD-251015	25	10	1.5	12
CMD-251020	25	10	2.0	12
CMD-301525	30	15	2.5	12
CMD-321425	32	14	2.5	12
CMD-321430	32	14	3.0	12
CMD-351715	35	17	1.5	12
CMD-351720	35	17	2.0	12
CMD-351725	35	17	2.5	12
CMD-351730	35	17	3.0	12
CMD-351735	35	17	3.5	12
CMD-351535	35	15	3.5	12
CMD-351830	35	18	3.0	12

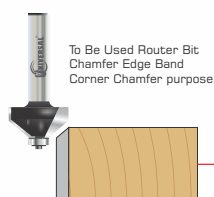
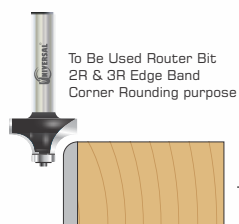
MD-137	8	4	10	12
MD-138	10	5	10	12
MD-139	12	6	12	12
MD-140	15	7.5	12	12
MD-141	19	9.5	15	12
MD-142	25	12.5	15	12
MD-142A	28	14	17	12
MD-143	30	15	17	12
MD-143A	30	17.5	15	12
MD-144	32	16	18	12
MD-145	35	17.5	20	12
MD-145A	35	20	15	12
MD-146	40	20	22	12
MD-147	45	22.5	25	12
MD-148	50	25	28	12

TCT Brazed Corner Radius Bits

HIGH PERFORMANCE SERIES

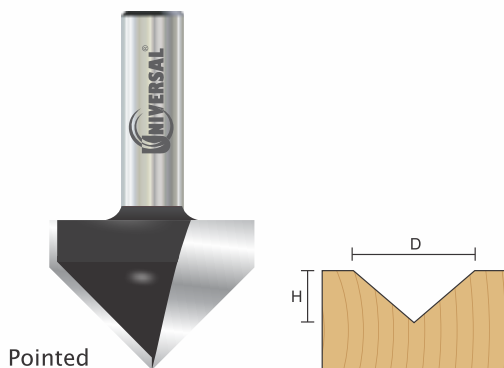


Bearing Size : D-1/2" x B-3/16"



Code No.	Radius	H (mm)	C.D. (mm)	S.D. (mm)
CR2.006	2R	7	16.7	6
CR2.635	2R	7	16.7	6.35
CR2.008	2R	7	16.7	8
CR3.006	3R	8	18.7	6
CR3.635	3R	8	18.7	6.35
CR3.008	3R	8	18.7	8
CR4.006	4R	10	20.7	6
CR4.008	4R	10	20.7	8
CR6.008	6R	11	24.7	8
CR9.008	9R	14	30.7	8
CR9.012	9R	14	30.7	12
CR12.08	12R	17	36.7	8
CR12.12	12R	17	36.7	12
CF.6.6.6	Chamfer - Max. 6x6-45°		25.4	6
CF.6.6.8	Chamfer - Max. 6x6-45°		25.4	8

TCT Brazed Pointed "V" Groove Bits



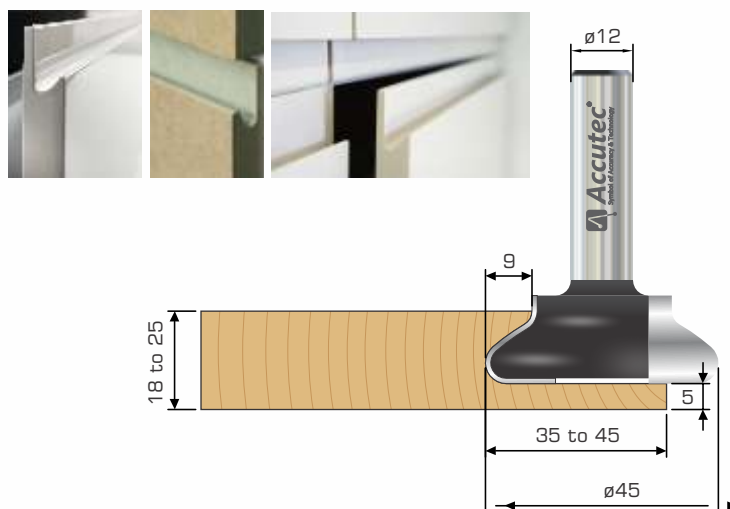
Code No.	C.D. (mm)	Degree°	H (mm)	S.D. (mm)
VG.32.90.6	32	90°	16	6
VG.32.90.8	32	90°	16	8
VG.32.90.12	32	90°	16	12
VG.32.120.6	32	120°	9	6
VG.32.120.8	32	120°	9	8
VG.32.120.12	32	120°	9	12

TCT Brazed Round Nose Bits



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

T.C.T. Brazed J Profile Router Bits



Code No.	C.D. (mm)	S.D. (mm)
AT.HLR. 101	45	12

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



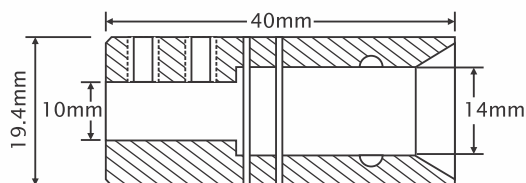
Order No.	Dia	Oal	CL	Shank
UMB.370RH	3mm	70mm	40mm	10x30mm
UMB.370LH	3mm	70mm	40mm	10x30mm
UMB.570RH	5mm	70mm	40mm	10x30mm
UMB.570LH	5mm	70mm	40mm	10x30mm
UMB.670RH	6mm	70mm	40mm	10x30mm
UMB.670LH	6mm	70mm	40mm	10x30mm
UMB.870RH	8mm	70mm	40mm	10x30mm
UMB.870LH	8mm	70mm	40mm	10x30mm
UMB.1070RH	10mm	70mm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

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

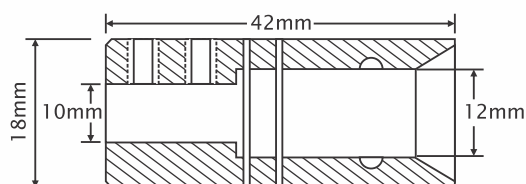


Order No.	Dia	Oal	Shank
UHB.15.70RH	15mm	70mm	10x30mm
UHB.15.70LH	15mm	70mm	10x30mm
UHB.35.70RH	35mm	70mm	10x30mm
UHB.35.70LH	35mm	70mm	10x30mm

Adaptor for Multi Boring Machines - ADP



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



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



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