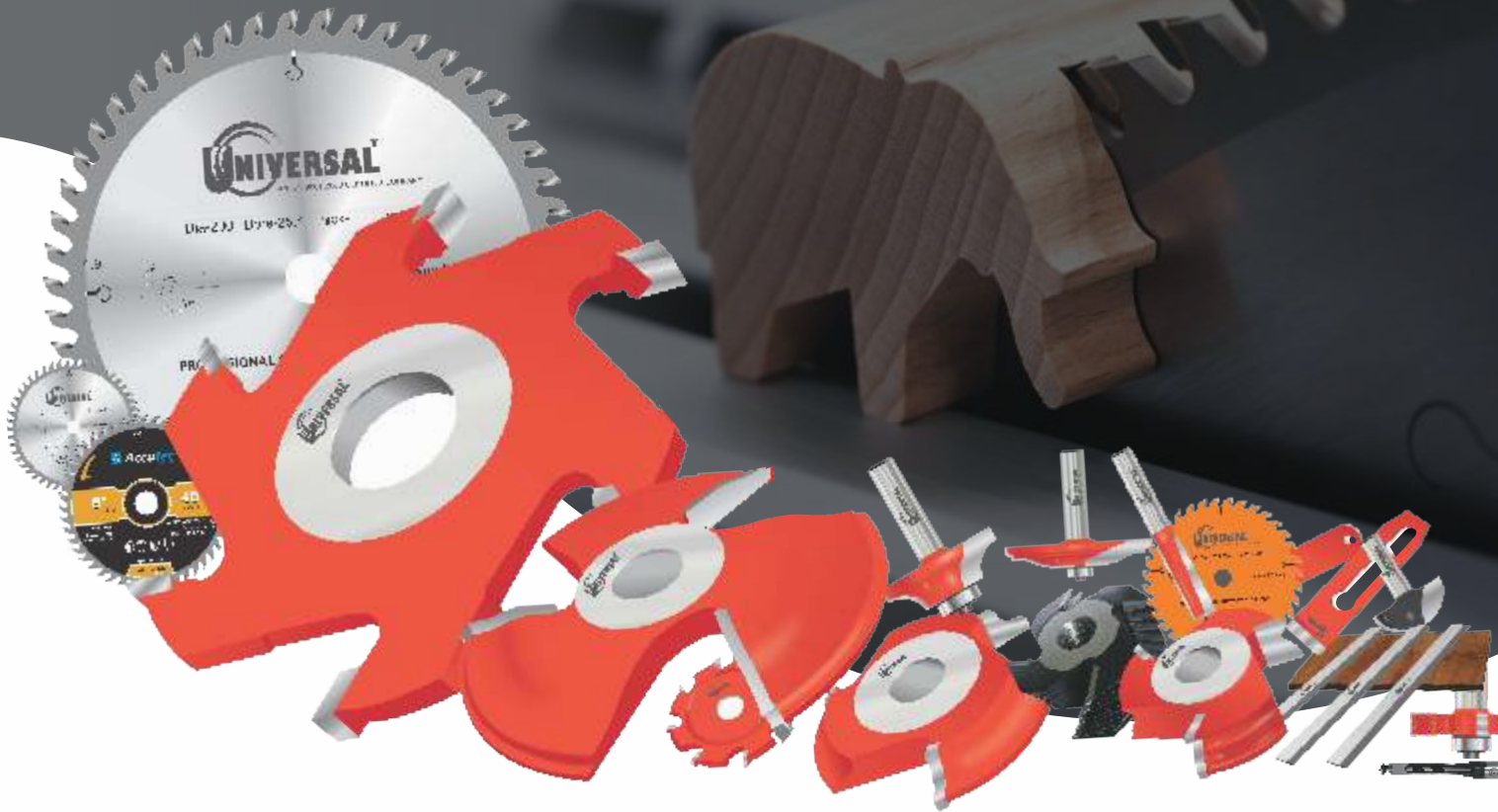


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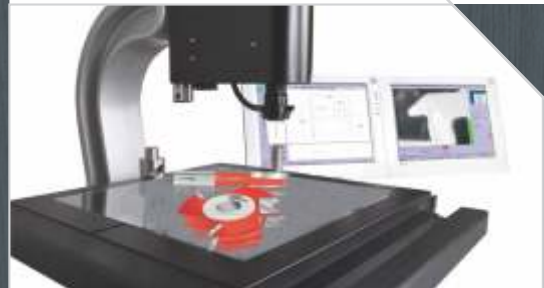
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Value of Money

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Never Give Up

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

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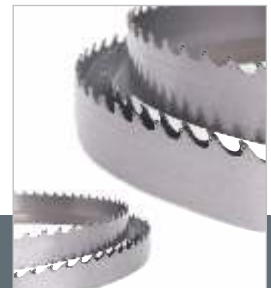
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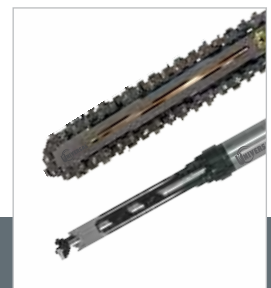
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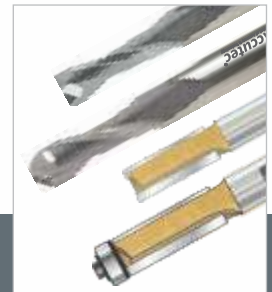
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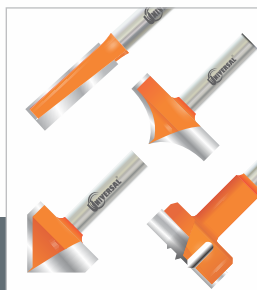
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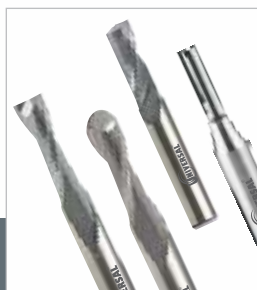
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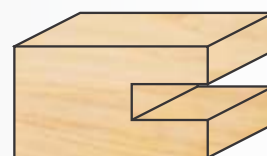


REPLACEABLE KNIVES PLANING CUTTER HEAD

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Grooving Cutter - 601A to 635



DIA-3"xBORE-20x6TEETH

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

(Use In CM-4 Machine)

DIA-4"xBORE-1"x6TEETH

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

DIA-4½"xBORE-1¼"x6TEETH

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

(Use In Spindle Moulder Machine)

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

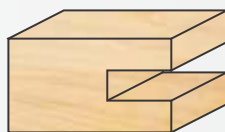
Code No.	Dia (mm)	Bore (mm)	Thick (mm)	Teeth
601	100	20	3	6
602	100	20	4	6
603	100	20	5	6
604	100	20	6	6
605	100	20	8	6
606	100	20	9	6
607	100	20	10	6
608	100	20	12	6

(Use In CM-4 Machine)

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)

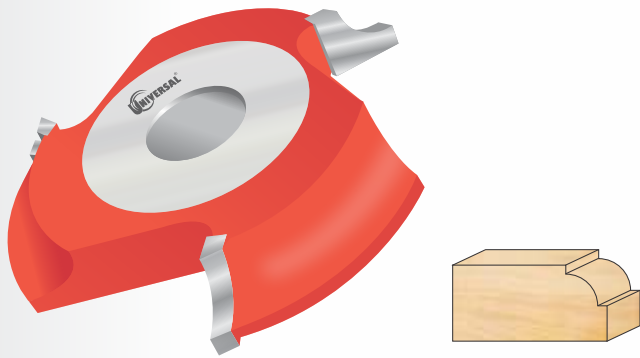
DIA-6"xBORE-1"X6TEETH

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

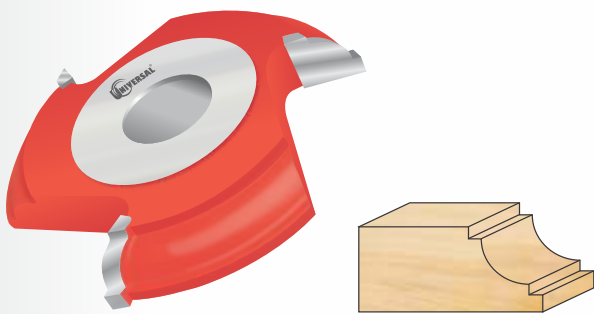
1 1/4" BORE - RIGHT SIDE

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

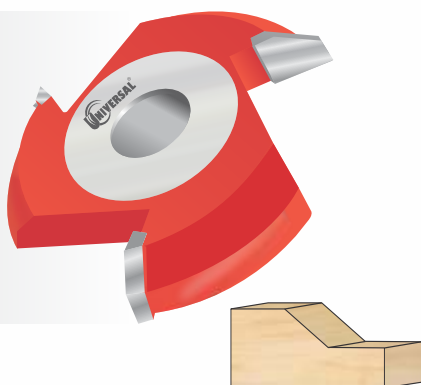
Out Side Molem Cutter - 861 to 867



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

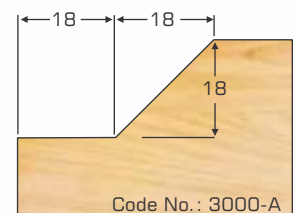
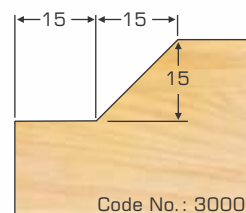
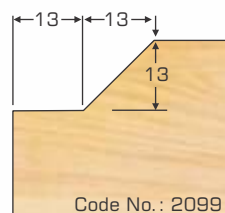
Door Frame Cutter 45° - 2099 to 3000-A



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

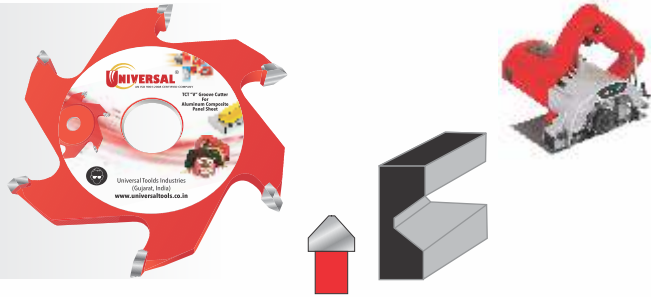
Common Factor For All Cutters

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



"V" Groove Cutter - E-1221 to 1240

USE IN CM-4 Machine



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

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

(Use In CM-4 Machine)

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

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

(Use In CM-4 Machine)

"V" Groove Cutter 90° (Pointed)

V-1221 To V-1237

USE IN CM-4 Machine



"V" Groove Cutter (Dia - 3")

1221-3IN To 1237-3IN

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

Grooving Cutter - 601 to 608

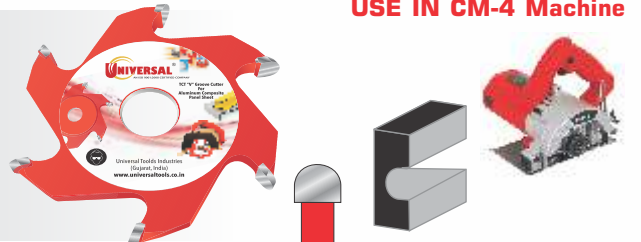
USE IN CM-4 Machine



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

Radius Cutter - 1221-R to 1237-R

USE IN CM-4 Machine



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

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

T.C.T. Hand Planner Knife

Standard Series



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

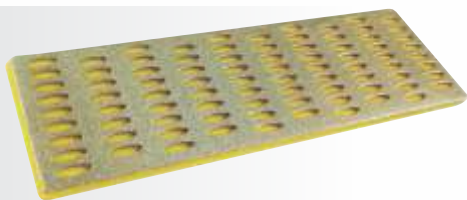
T.C.T. Hand Planner Knife

Premium Series



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

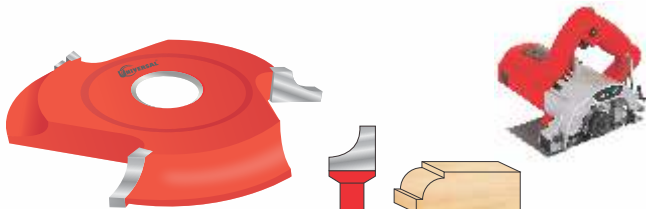
Diamond Sharpening Stone



Code No.	Width (inch)	Length (mm)
----------	--------------	-------------

DS-101	2"	6"
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Molem Cutter (Use for Cm4 Machine)



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

Beading Cutter (for Planning Purposes)

(Use for Cm4 Machine)



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

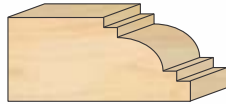
Double Fillet Cove Frame Cutter

2001 to 2014A



Common Factor For All Cutters

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



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

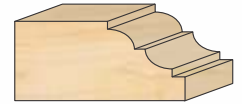
Multi Form Frame Cutter

2029 to 2042A



Common Factor For All Cutters

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



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

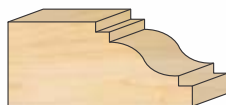
Ogee Double Fillet Frame Cutter

2015 to 2028A



Common Factor For All Cutters

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



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

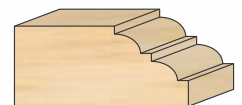
Double Round Fillet Frame Cutter

2043 to 2056A



Common Factor For All Cutters

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



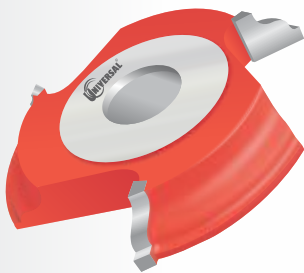
Code No.	Wood Size (mm)	Cutter Thickness
2043	15x15	12
2044	18x18	15
2045	20x20	17
2046	22x22	19
2047	25x25	22
2048	28x15	25
2049	28x28	25
2050	32x18	28
2051	32x32	28
2052	36x15	32
2053	36x18	32
2054	36x22	32
2055	36x28	32
2056	36x36	32
2056A	44x44	38

Ogee Fillet Frame Cutter

2057 to 2070A

Common Factor For All Cutters

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



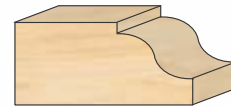
Code No.	Wood Size (mm)	Cutter Thickness
2057	15x15	12
2058	18x18	15
2059	20x20	17
2060	22x22	19
2061	25x25	22
2062	28x15	25
2063	28x28	25
2064	32x18	28
2065	32x32	28
2066	36x15	32
2067	36x18	32
2068	36x22	32
2069	36x28	32
2070	36x36	32
2070A	44x44	38

Ogee Frame Cutter

2085 to 2090

Common Factor For All Cutters

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



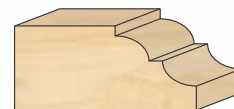
Code No.	Wood Size (mm)	Cutter Thickness
2085	15x15	12
2086	18x18	15
2087	20x20	17
2088	22x22	19
2089	25x25	22
2090	28x15	25

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

Classical Ogee Frame Cutter

2071 to 2084A

Common Factor For All Cutters

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



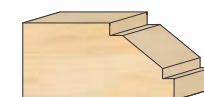
Code No.	Wood Size (mm)	Cutter Thickness
2071	15x15	12
2072	18x18	15
2073	20x20	17
2074	22x22	19
2075	25x25	22
2076	28x15	25
2077	28x28	25
2078	32x18	28
2079	32x32	28
2080	36x15	32
2081	36x18	32
2082	36x22	32
2083	36x28	32
2084	36x36	32
2084A	44x44	38

Tapper with Degree Frame Cutter

2098A to 2098F

Common Factor For All Cutters

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

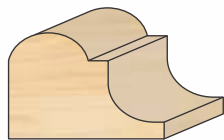


Code No.	Wood Size (mm)	Cutter Thickness
2098A	15x15	12
2098B	18x18	15
2098C	20x20	17
2098D	22x22	19
2098E	25x25	22
2098F	28x28	25

Cove Bead Cutter - 1041 to 1046


Common Factor For All Cutters

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

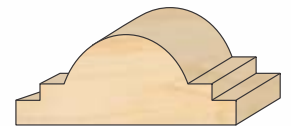


Code No.	Wood Size (mm)	Cutter Thickness
1041	10x15	19
1042	15x10	19
1043	15x15	19
1044	18x10	25
1045	22x10	25
1046	22x15	25

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

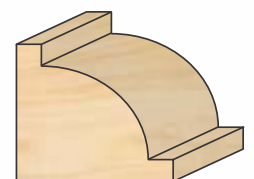


Code No.	Wood Size (mm)	Cutter Thickness
1047-A	15x10	19
1047	15x15	19
1048-A	19x10	25
1048	19x15	25
1049-A	20x8	25
1049	20x10	25
1050-A	22x8	25
1050	22x10	25
1051	22x15	25
1052	28x12	35
1053	28x15	35
1054	32x12	38
1055	32x15	38
1056	35x12	45
1057	35x15	45

Beading Cutter - 1070A to 1074


Common Factor For All Cutters

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



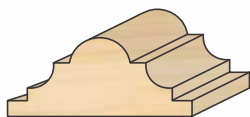
Code No.	Wood Size (mm)	Cutter Thickness
1070A	8x8	19
1070	10x10	25
1071	12x12	25
1072	15x15	32
1073	19x19	38
1074A	22x22	45
1074	25x25	50

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



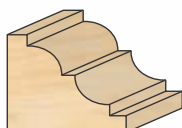
Code No.	Wood Size (mm)	Cutter Thickness
1096	12x8	19
1097	15x8	19
1098	20x10	25
1099	22x10	25
1100	28x10	32
1101	32x10	38
1102	32x12	38
1103	36x12	38

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



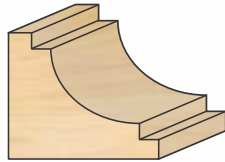
Code No.	Wood Size (mm)	Cutter Thickness
1104	12x5	19
1105	12x7	19
1106	15x7	25
1107	18x10	25
1108	19x10	25
1109	20x8	30
1110	20x10	32
1111	22x8	32
1112	22x10	32
1113	25x10	32
1114	28x12	38
1115	32x10	38
1116	32x15	38
1117	36x12	45

Cavetto Cutter - 1118 to 1122

Common Factor For All Cutters



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



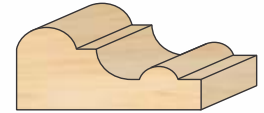
Code No.	Wood Size (mm)	Cutter Thickness
1118	10x10	25
1119	12x12	25
1120	15x15	32
1121	19x19	38
1122	22x22	45

Cove Cutter - 1131 to 1136

Common Factor For All Cutters



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



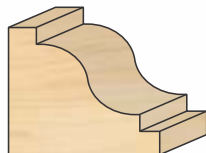
Code No.	Wood Size (mm)	Cutter Thickness
1131	22x10	25
1132	22x15	25
1133	28x12	32
1134	28x15	32
1135	32x12	38
1136	32x15	38

Ogee Cutter - 1123 to 1130C

Common Factor For All Cutters



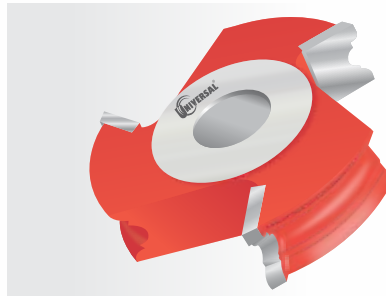
DIA (mm)	BORE (mm)	TEETH
108	25.4	3T



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



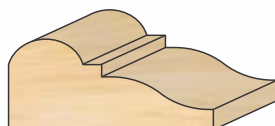
Code No.	Wood Size (mm)	Cutter Thickness
1137	15x6	19
1138	19x8	25
1139	20x8	25
1140	20x10	25
1141	22x8	25
1142	22x10	25
1143	25x8	32
1144	28x8	32
1145	32x8	38
1146	32x10	38
1147	36x10	38

Cove Ogee Cutter - 1148 to 1155

Common Factor For All Cutters



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



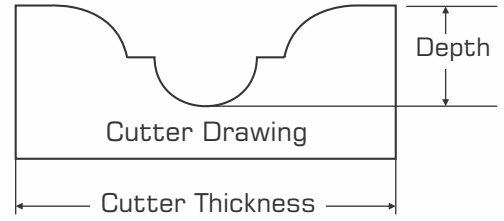
Code No.	Wood Size (mm)	Cutter Thickness
1148	15x10	19
1149	19x10	25
1150	20x10	25
1151	22x10	25
1152	28x10	32
1153	32x10	38
1154	38x12	45
1155	45x15	50

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)

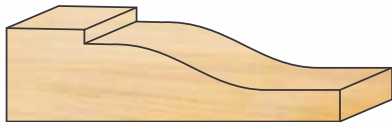
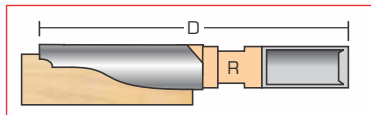
Dia (mm)	Cutter Thick (mm)	Depth up to	Code No.	Teeth	Code No.	Teeth
110	up to 19	19mm	PC-1919-3	3T	PC-1919-4	4T
110	20 to 25	19mm	PC-2519-3	3T	PC-2519-4	4T
110	26 to 32	19mm	PC-3219-3	3T	PC-3219-4	4T
110	33 to 38	19mm	PC-3819-3	3T	PC-3819-4	4T
110	39 to 50	19mm	PC-5019-3	3T	PC-5019-4	4T
110	51 to 60	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



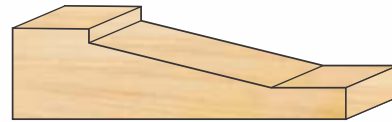
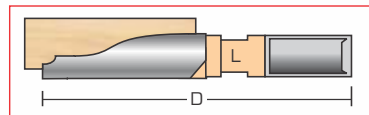
Bore Size - As Per Your Require.

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.



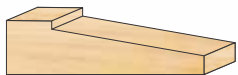
Bore Size - As Per Your Require.

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

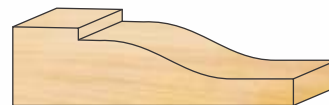
(for Auto Mould Machine)

3025 to 3034

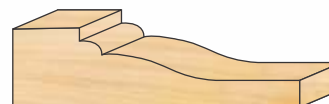


Right Side Pic.

Left Side Pic.



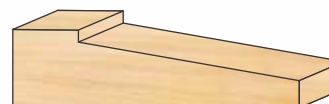
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3025R	3025L	40x18	110	25.4	3
3026R	3026L	50x18	110	25.4	3



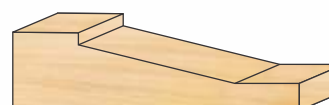
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3027R	3027L	40x18	110	25.4	3
3028R	3028L	50x18	110	25.4	3



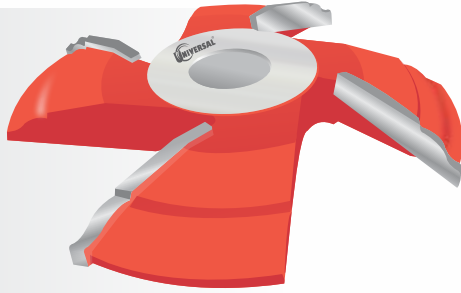
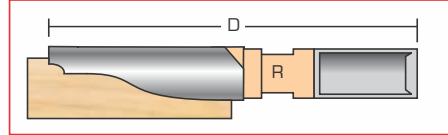
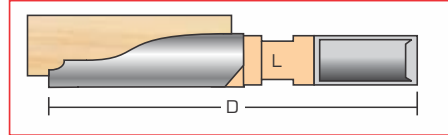
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3029R	3029L	40x18	110	25.4	3
3030R	3030L	50x18	110	25.4	3



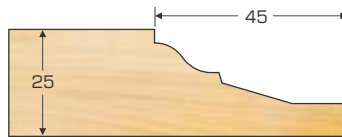
Code No.	Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
3031R	3031L	40x18	110	25.4	3
3032R	3032L	50x18	110	25.4	3



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)


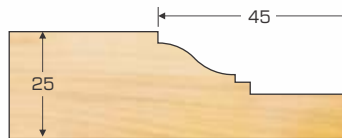
Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth
4001	45x25	150	1 1/4"	4
4002	45x25	150	1 1/4"	4
4003	45x25	150	1 1/4"	4
4004	45x25	150	1 1/4"	4
4005	45x25	150	1 1/4"	4
4006	45x25	150	1 1/4"	4
4007	45x22	150	1 1/4"	4
4008	45x22	150	1 1/4"	4
4009	45x22	150	1 1/4"	4
4010	45x22	150	1 1/4"	4
4011	45x22	150	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	45x22	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



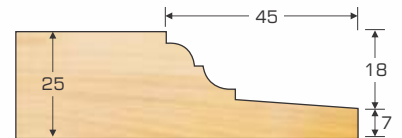
Code No.: 4001



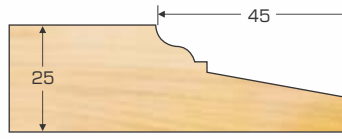
Code No.: 4002



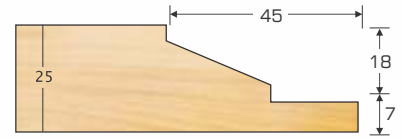
Code No.: 4003



Code No.: 4004



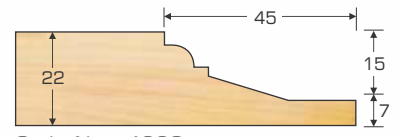
Code No.: 4005



Code No.: 4006

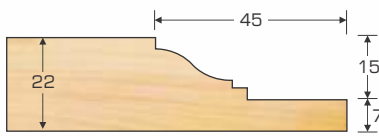


Code No.: 4007

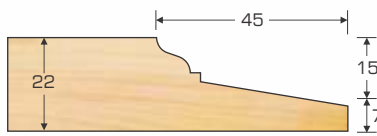


Code No.: 4008

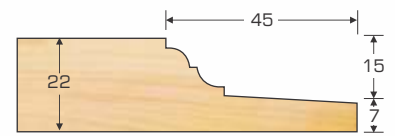
Above All Code Number Cutters Are Right Direction



Code No.: 4009



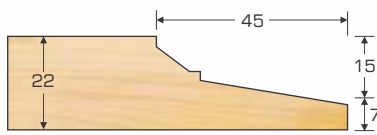
Code No.: 4010



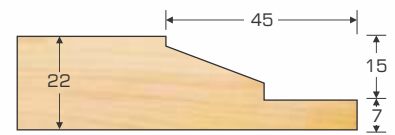
Code No.: 4011



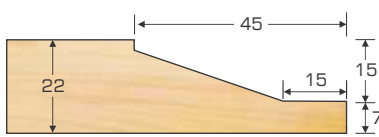
Code No.: 4012



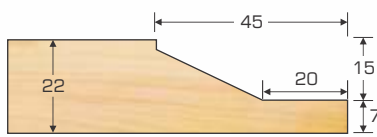
Code No.: 4013



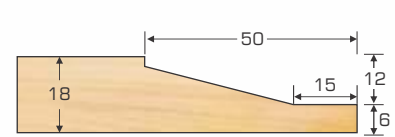
Code No.: 4014



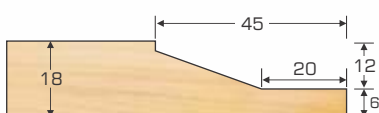
Code No.: 4014-A



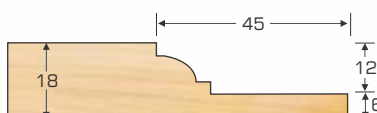
Code No.: 4014-B



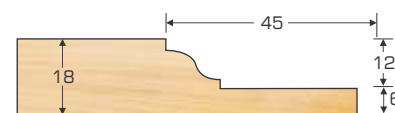
Code No.: 4014-C



Code No.: 4014-D



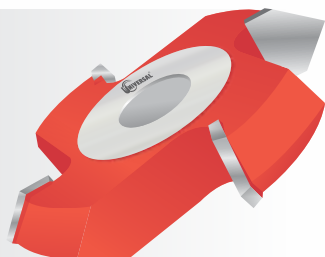
Code No.: 4014-E



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

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°

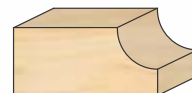
» Half Radius Cutter - 774 to 779-L



Common Factor For All Cutters

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

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

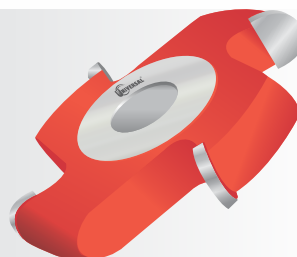
DIA (mm)	BORE (mm)	TEETH
125	25.4	4

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

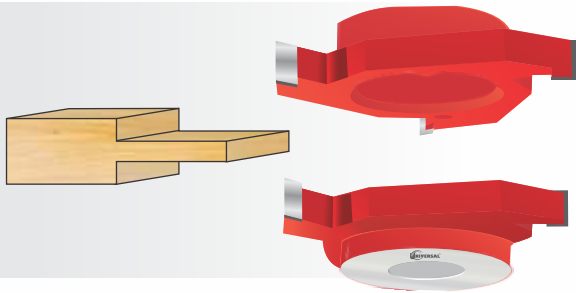
DIA (mm)	BORE (mm)	TEETH
125	25.4	4

125 25.4 4



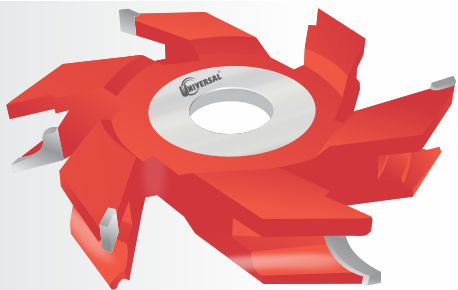
Code No.	Thickness	Radius
780	6mm	3 ^R
781	8mm	4 ^R
782	10mm	5 ^R
783	12mm	6 ^R
784	15mm	7.5 ^R
785	19mm	9.5 ^R
786	25mm	12.5 ^R

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

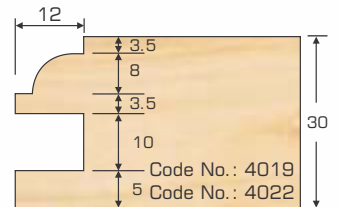
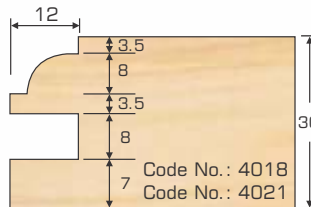
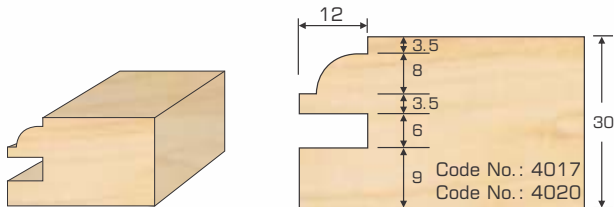


Code No.	Dia (mm)	Bore (mm)	Thickness (mm)	Teeth	Key Way
TC-101	150	1"	25	3	6x3
TC-102	200	1"	25	3	6x3

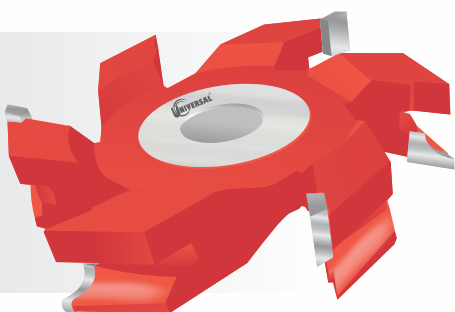
Grooving Cum Molem (Use On : Spindle Moulder M/C & Planner M/C) - 4017 to 4022



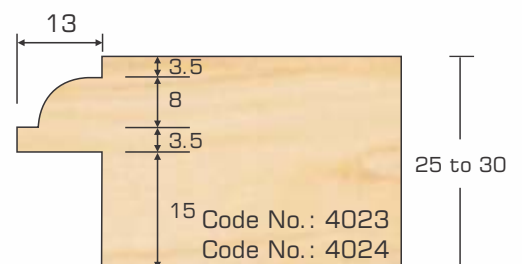
Code No.	Wood Size (mm)	Dia (mm)	Bore (mm)	Teeth	Direction
4017	25 to 32	125	1 1/4"	3+3	Left
4018	25 to 32	125	1 1/4"	3+3	Left
4019	25 to 32	125	1 1/4"	3+3	Left
4020	25 to 32	150	1"	3+3	Right
4021	25 to 32	150	1"	3+3	Right
4022	25 to 32	150	1"	3+3	Right



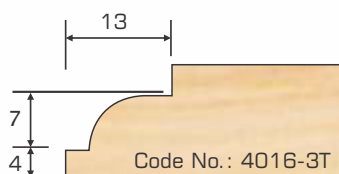
Rebating Cum Molem (Use On : Spindle Moulder M/C & Planner M/C)



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



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



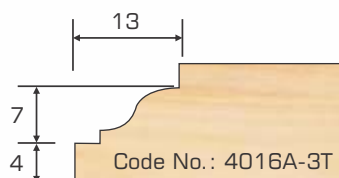
Right Side Direction

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

Left Side Direction

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

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



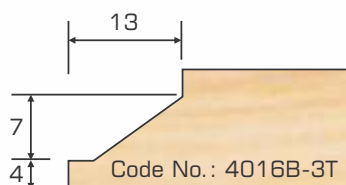
Right Side Direction

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

Left Side Direction

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

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



Right Side Direction

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

Left Side Direction

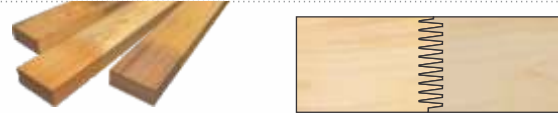
Code No.	Dia (mm)	Bore (mm)	Profile Size (mm)	Direction	Teeth
4015B-3TL	110	1¼"	13x8x4	Left	3
4016B-3TL	110	1¼"	13x7x4	Left	3
4015B-4TL	110	1¼"	13x8x4	Left	4
4016B-4TL	110	1¼"	13x7x4	Left	4

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-1A	5	15	125	40	4T
FJ-2	7	22	125	31.75	4T
FJ-2A	7	22	125	40	4T
FJ-3	10	25	125	31.75	4T

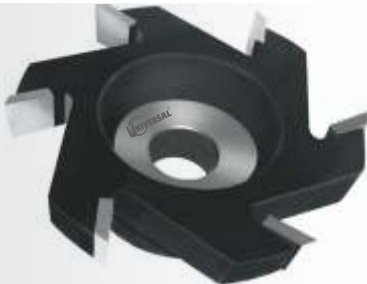


Solder Cutter - SLD-1 to SLD-4



Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
SLD-1	5/10	15	125	31.75	4T
SLD-1A	5/10	15	125	40	4T
SLD-2	7/12	22	125	31.75	4T
SLD-2A	7/12	22	125	40	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
FC-3	7"	25.4	18	38	6

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



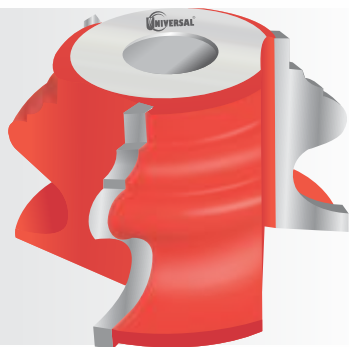
Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
FJ-4	4	13	160	50	2
FJ-4A	4	13	160	50	4
FJ-5	5	15	160	50	4
FJ-6	6	22	160	50	4
FJ-7	7	22	160	50	4

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

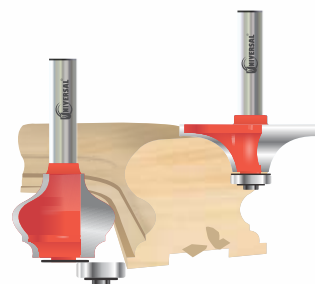


Code No.	Thick (mm)	Cutting Length	Dia (mm)	Bore (mm)	Teeth
SLD-4	4/10	13	160	50	2
SLD-5	4/10	13	160	50	4

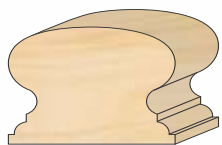
Railing Cutter - 1201 to 1205-B



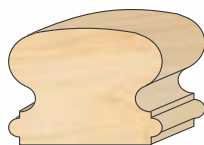
» Router Bits For Railing
Also Available Router Bits For Railing



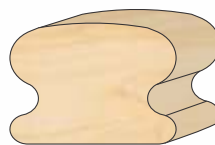
No.: 1201 (70x45)
No.: 1201-A (70x60)
No.: 1201-B (90x70)



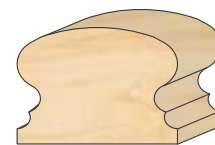
No.: 1202 (70x45)
No.: 1202-A (70x60)
No.: 1202-B (90x70)



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



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



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

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

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

Railing Router Bit Set

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



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)

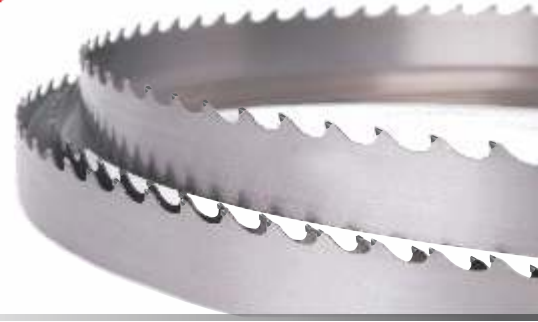
Code No.	Wood Size (mm)	Dia (mm)	Bore (inch)	Teeth
RC-TOP-1	70 x 45	110	1"	3
RC-TOP-2	70 x 60	110	1"	3
RC-TOP-3	90 x 70	110	1"	3

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

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
UT.BS.4615.50.14	4615	1.4	0.90	50	22TPI
UT.BS.6224.60.18	6224	1.8	1.05	60	22TPI
UT.BS.7010.60.18	7010	1.8	1.05	60	22TPI
UT.BS.7087.60.18	7087	1.8	1.05	60	22TPI
UT.BS.9601.60.20	9601	2.0	1.05	60	22TPI

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"

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

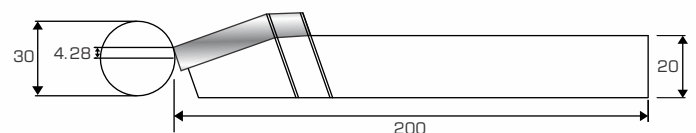
Code No. : WTL - 01



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
996	7/8"	90	210

(Only Augar Bit)

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

Chisel Socket



Code No.
CS-101



Code No.
CS-102

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

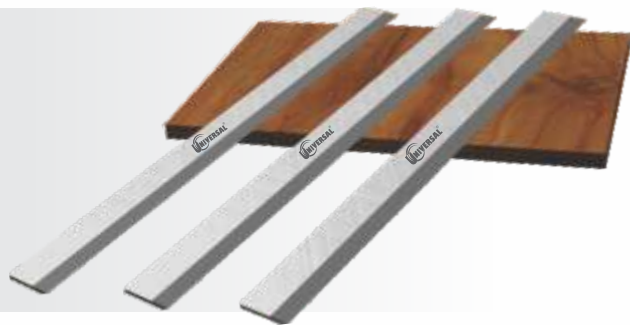
also Available High Performance Chain Set Made in ITALY (Size : 1/2")

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-A	11"	30	3
961	12"	30	3
962	13"	30	3
963	15"	30	3
963-A	16"	30	3
964	18"	30	3
964-A	20"	30	3
965	24"	30	3
966	10"	30	5
967	12"	30	5
968	13"	30	5

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

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



Code No.	Length	Width (mm)	Thick	Use In
976	82	30	3	Hitachi-F20A M/C
976-A	82	30	3	Makita 1900B M/C
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 ¼"	6	3
802	150	1 ¼"	8	3
803	150	1 ¼"	10	3
804	150	1 ¼"	12	3

» Radius Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
805	125	1 ¼"	6	3
806	125	1 ¼"	8	3
807	125	1 ¼"	10	3
808	125	1 ¼"	12	3

» Dish Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
809-A	125	1 ¼"	6	2
809	125	1 ¼"	6	3
810	125	1 ¼"	10	3
811	150	1 ¼"	6	3
812	150	1 ¼"	10	3

» Thin Dish Wheel (for Saw blade face grinding)



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
819	125	1 ¼"	6	1.5
820	125	1 ¼"	6	2
821	150	1 ¼"	6	1.5
822	150	1 ¼"	6	2
823	150	20 mm	6	2

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
813-A	100	1 ¼"	10	3
813-B	125	1 ¼"	10	3

» Cup Wheel



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
813	150	1 ¼"	10	3
814	150	1 ¼"	19	3
814-A	150	20mm	6	2

» Degree Wheel-90°



Code No.	Dia (mm)	Bore (inch)	Thick (mm)	X (mm)
815	125	1 ¼"	6	3
816	125	1 ¼"	8	3
817	125	1 ¼"	10	3
818	125	1 ¼"	12	3

» Hand Grinder Wheel

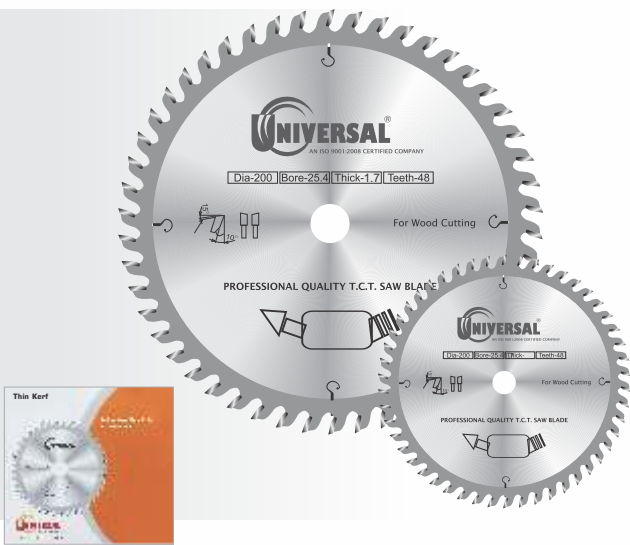
Use In Cm-4 M/C & Angle Grinder M/C



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
722A	14"	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
733	14"	60	3.2	25.4



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

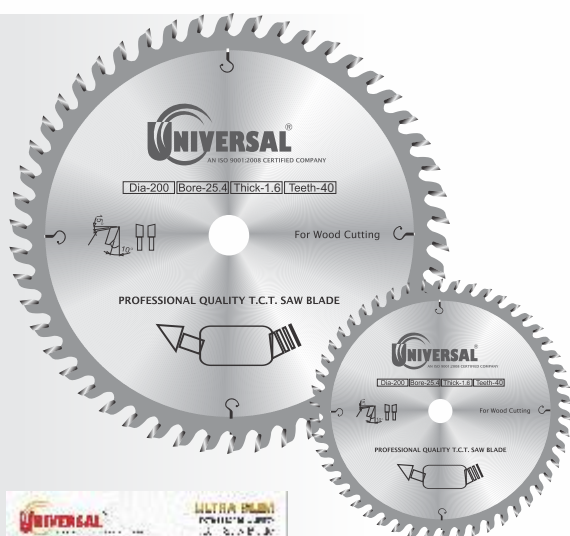
748	5"	48	2.2	20.0
749	7"	80	2.4	25.4
750	8"	80	2.6	25.4
751	10"	80	2.8	25.4
752	10"	100	2.8	25.4
753	12"	100	3.0	25.4
754	12"	120	3.0	25.4
755	14"	120	3.0	25.4

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

HIGH PERFORMANCE SAW BLADE

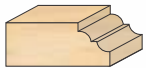
Universal Ultra Slim Series T.C.T. Saw Blade

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



T.C.T. Router Bits

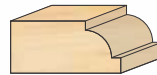
» Classical Bits



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

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

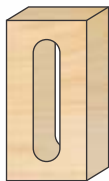
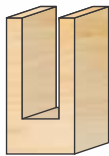
» Beading Flat Bits



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

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

» Straight Bits (Cleaning Bottom Bits)



Cleaning Bottom Bits

Cutting Dia : 4mm

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

Cutting Dia : 6mm

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

Cutting Dia : 8mm

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

Cutting Dia : 10mm

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

Cutting Dia : 12mm

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

Cutting Dia : 12mm

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

Cutting Dia : 15mm

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

Cutting Dia : 19mm

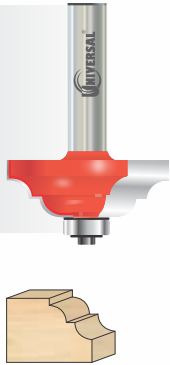
Code No.	Dia (mm)	Cutting Length	Shank (mm)
124	19	25	8
124-AA	19	25	12
124-AB	19	38	8
124-AC	19	38	12
124-AD	19	50	12

Cutting Dia : 25mm

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

T.C.T. Router Bits

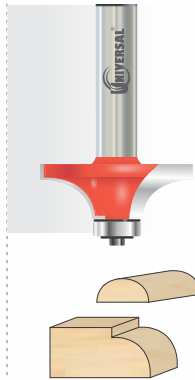
» Classical Bits



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

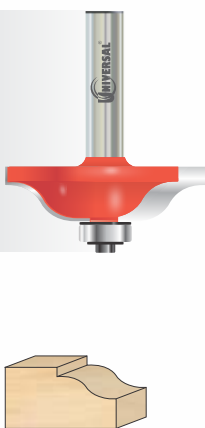
» Chamfer Bits



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

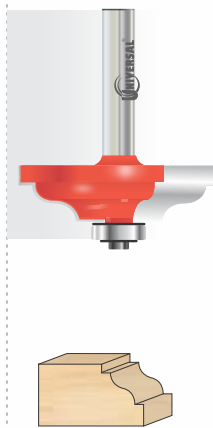
» Roman Ogee Bits



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

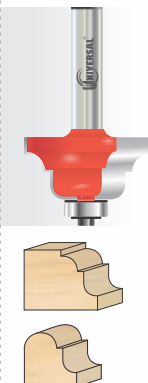
» Ogee Bits



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

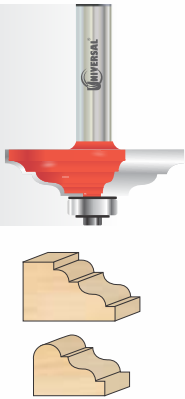
Bearing Size : 3/8" x 3/16"

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
212	25x10	57	8
213	25x15	57	8
214	25x25	57	8
215	28x10	62	8
216	28x12	62	8
217	28x15	62	8
218	35x10	74	8
219	35x12	74	8
220	35x15	74	8

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

» **Ball Profile Router Bits**



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

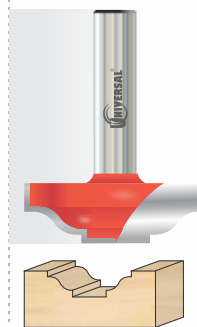
» **Classical Bits**



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

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

» **Plung Ogee Fillet Bits**



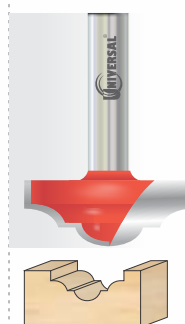
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
226	19X10	19	8
227	22X10	22	8
228	25X10	25	8
228-A	32X10	32	8

» **Ovolo Bits**



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

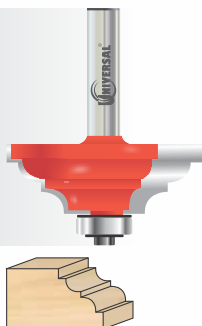
» **Plung Classical Bits**



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

T.C.T. ROUTER BITS

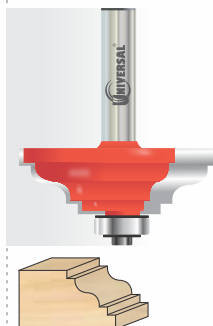
» Frame Bits



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

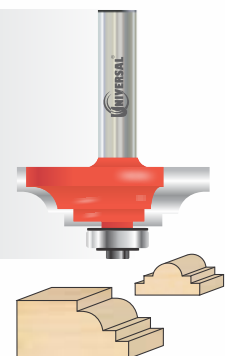
» Ogee Double Fillet Bits



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



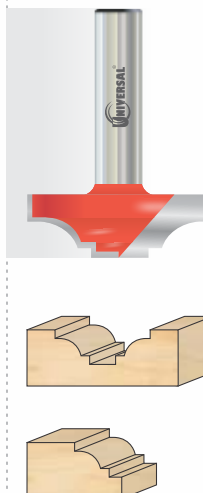
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
259	10x8	10	8
260	12x8	12	8
261	15x8	15	8
262	19x10	19	8
263	22x10	22	8
264	25x10	25	8
265	32x12	32	8
266	38x12	38	8

» 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

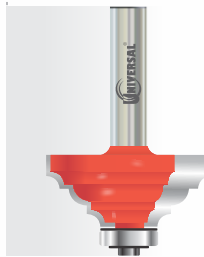


Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
286	12x12	31	8
287	15x15	36	8
288	19x19	43	8
289	22x22	48	8

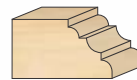


Bearing Size : D-13 x B-5 x T-4

» 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

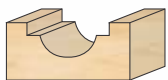


Bearing Size : D-13 x B-5 x T-4

» 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



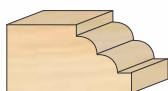
T.C.T. ROUTER BITS

» 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

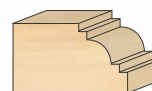


» Double Fillet Cove Bits



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

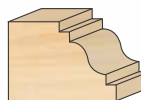


» Corner Frame Bits



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

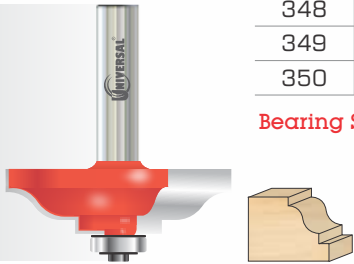


T.C.T. ROUTER BITS

» 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

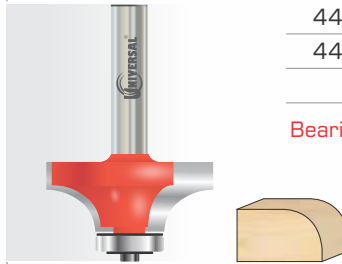
Bearing Size : D-13 x B-5 x T-4



» 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



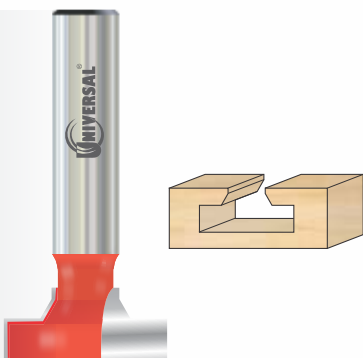
» Solid Carbide Straight Bits

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



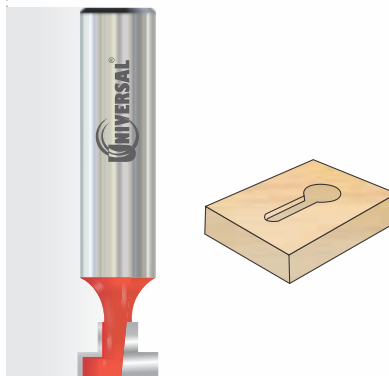
» T- Slotting Bits

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



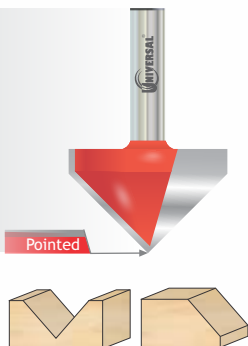
» Key Hole Bits

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

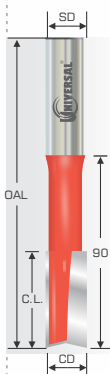
» Dovetail Bits



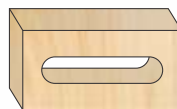
Code No.	Dia (mm)	Height (mm)	Shank (mm)
430	12.7	12.7	8
430-A	12.7	12.7	12
431	15.8	16	8
431-A	15.8	16	12
432	19	20	8
432-A	19	20	12
432-B	25.4	26	8
432-C	25.4	26	12



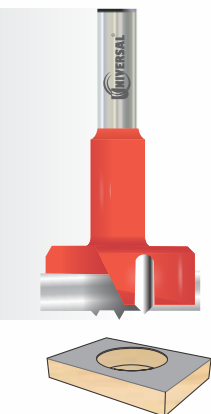
» T.C.T. Long Slot Drill Bit



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.



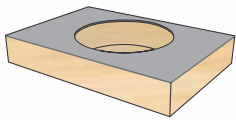
» Hinge Boring Bits



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

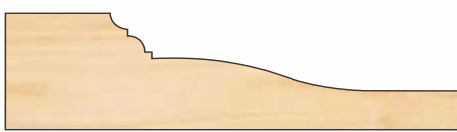
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
329-B	32X18	77	12
330-B	32X18	77	12
331-B	32X18	77	12
332-B	32X18	77	12
333-B	32X18	77	12
334-B	32X18	77	12
335-B	32X18	77	12
336-B	32X18	77	12
337-B	32X18	77	12
338-B	32X18	77	12
329-C	32X18	77	8
330-C	32X18	77	8
331-C	32X18	77	8
332-C	32X18	77	8
333-C	32X18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

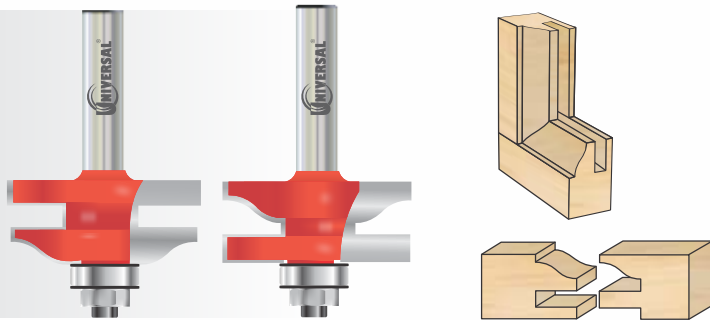


Code No. :337 / 337-A
337-B / 337-C



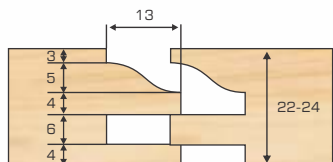
Code No. :338 / 338-A
338-B / 337-C

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

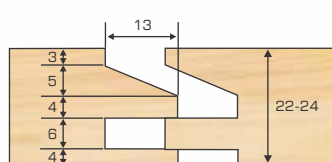


Bearing Size : 22mm x 8mm x 6mm

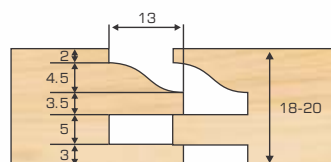
Code No.	Wood Size (mm)	Dia (mm)	Shank (mm)
381	22-24	48	12
382	22-24	48	12
383	22-24	48	12
384	22-24	48	12
385	22-24	48	12
386	22-24	48	12
387	18-20	48	12
388	18-20	48	12
389	18-20	48	12
390	18-20	48	12
391	18-20	48	12
392	18-20	48	12



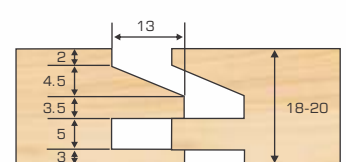
Code No. : 381



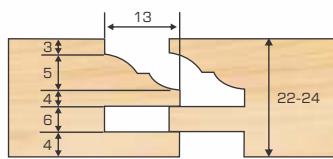
Code No. : 384



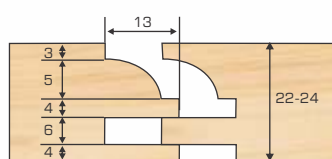
Code No. : 387



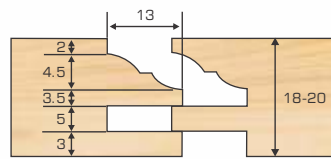
Code No. : 390



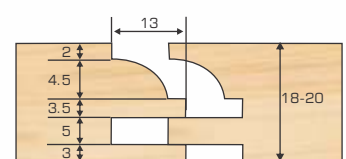
Code No. : 382



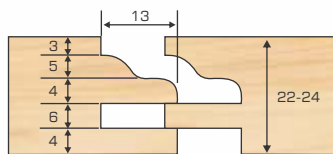
Code No. : 385



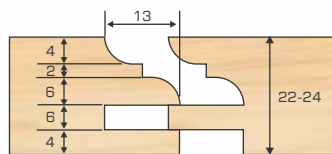
Code No. : 388



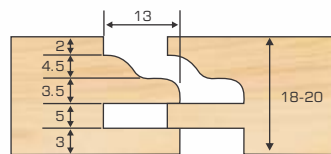
Code No. : 391



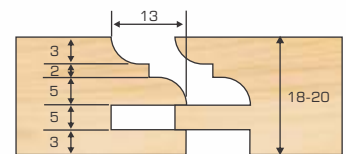
Code No. : 383



Code No. : 386



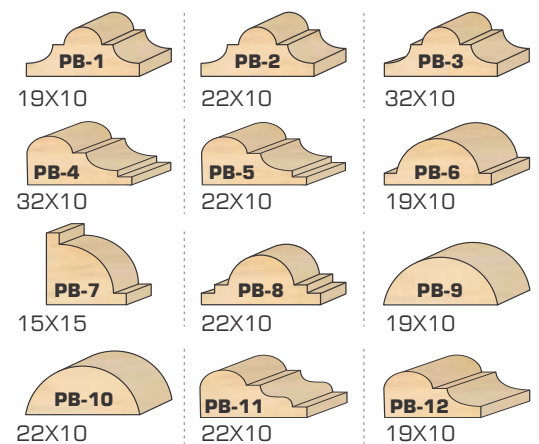
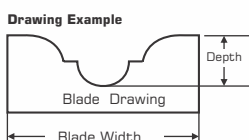
Code No. : 389



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

UNIVERSAL ROUTER BITS
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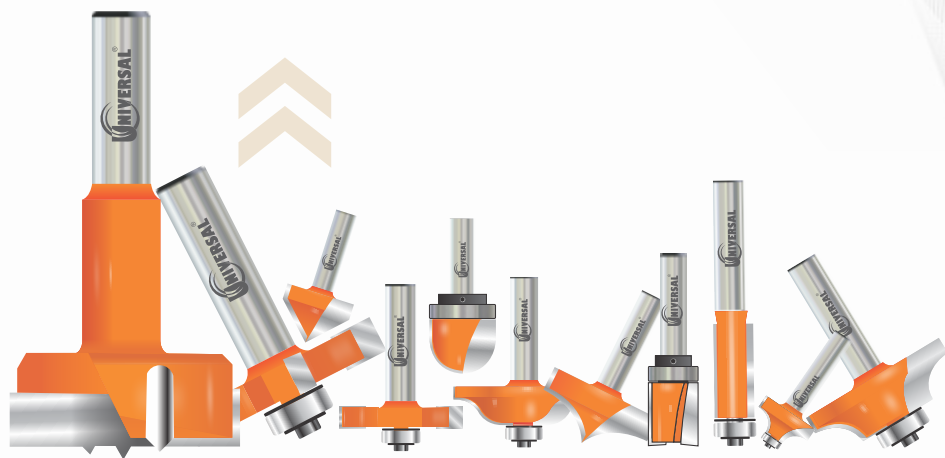
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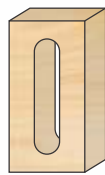
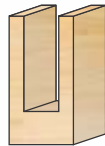
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ECONOMIC ROUTER BITS SERIES

Cleaning Bottom Straight Bits - TJ

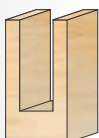


Cleaning Bottom Bits



Code No.	Dia (mm)	C.L. (mm)	Shank (mm)
TJ-1	6	20	8
TJ-2	6	25	8
TJ-4	8	20	8
TJ-5	8	30	8
TJ-6	8	38	8
TJ-7	8	50	8
TJ-8	10	20	8
TJ-9	10	30	8
TJ-10	10	40	8
TJ-11	10	50	8
TJ-12	12	20	8
TJ-13	12	30	8
TJ-14	12	40	8
TJ-15	12	50	8
TJ-16	15	25	8
TJ-17	19	30	8

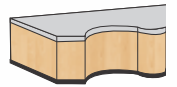
Straight Bits - O



2 Flute

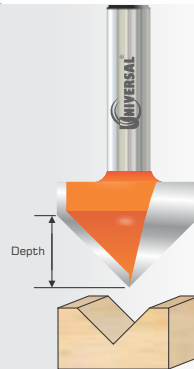
Code No.	Dia (mm)	C.L. (mm)	Shank (mm)
O-1	4	12	8
O-2	6	20	8
O-3	8	20	8
O-4	10	20	8
O-5	12	20	8

Flush Trim Bits - P



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

"V" Groove Bits - M



Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)
M-1	8	90°	4	8
M-2	10	90°	5	8
M-3	12	90°	6	8
M-4	15	90°	7.5	8
M-5	19	90°	9.5	8
M-6	25	90°	12.5	8
M-7	32	90°	16	8

Center Ovolo Bits - L



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

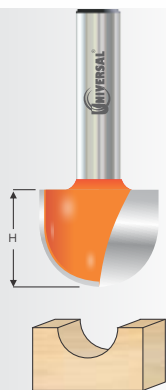
Plunge Cut Beading Bits - K



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

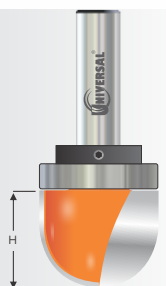
ECONOMIC ROUTER BITS SERIES

Round Nose Bits - I

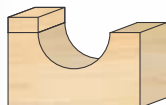


Code No.	Dia (mm)	R	H (mm)	Shank (mm)
I-1	6	3	8	8
I-2	8	4	8	8
I-3	10	5	10	8
I-4	12	6	11	8
I-5	15	7.5	12	8
I-6	19	9.5	14	8
I-8	25	12.5	16	8
I-9	32	16	20	8

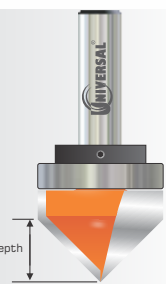
Round Nose Bits - IB (Top Bering)



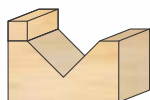
Code No.	Dia (mm)	R	H (mm)	Shank (mm)
IB-2	16	7.9	12	8



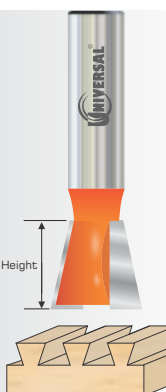
"V" Groove Bits - MB (Top Bering)



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



Dovetail Bits - Q (14° Degree)



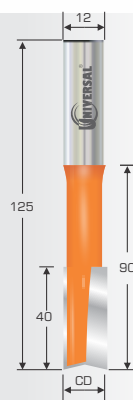
Code No.	Dia (mm)	Height (mm)	Shank (mm)
Q-1	9.5	9.5	8
Q-2	12.7	12.7	8
Q-3	15.8	15.8	8
Q-4	19	19	8
Q-5	25.4	25.4	8

Hing Boring Bits - U

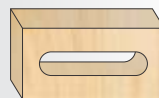


Code No.	Dia (inch)	Shank (mm)
U-1	15	10
U-1B	16	10
U-1A	19	10
U-2	20	10
U-3	25	10
U-4	30	10
U-5	35	10
U-6	38	10
U-7	40	10
U-8	45	10
U-9	50	10
U-10	55	10
U-11	60	10
U-12	63.5	10
U-13	65	10
U-14	75	10

Sal Win Bits - V (Slot Mortising Bits)



Code No.	Dia (mm)	Rotation	OAL (mm)	Shank (mm)
V-1R	3/8"	Right	125	12
V-2L	3/8"	Left	125	12
V-5R	1/2"	Right	125	12
V-6L	1/2"	Left	125	12
V-7R	5/8"	Right	125	12
V-9R	3/4"	Right	125	12



Cutting Depth 90mm
Tip Length 40mm

Pattern Bits - PB (Top Bering)



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

ECONOMIC ROUTER BITS SERIES

Beading Bits - A



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

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

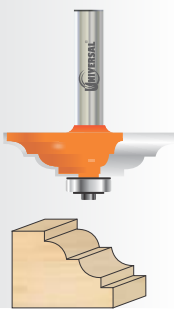
Corner Radius Bits - G



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

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

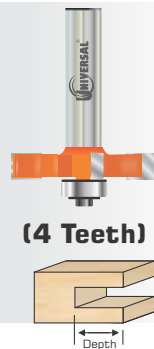
Ovolo-Cove Profile Bits - D



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

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

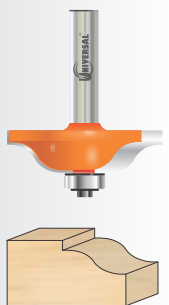
Rebating Slot Bits - E (4 Teeth)



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

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

Roman Ogee Bits - F



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

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

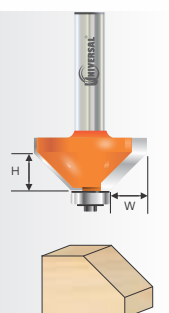
Rebating Slot Bits - E (2 Teeth)



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

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

Chamfer Bits - H



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

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

Bearing for all Router Bits

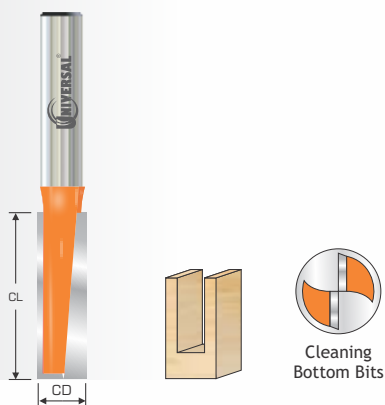
Code No.	Dia	Bore	Thick
BA-1	1/4"	1/8"	2.7mm
BA-2	3/8"	3/16"	1/8"
BA-3	1/2"	3/16"	5mm
BA-4	9mm	5mm	3mm
BA-5	11mm	5mm	4mm
BA-6	13mm	5mm	4mm
BA-7	16mm	5mm	5mm
BA-8	16mm	8mm	5mm
BA-9	19mm	8mm	6mm



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

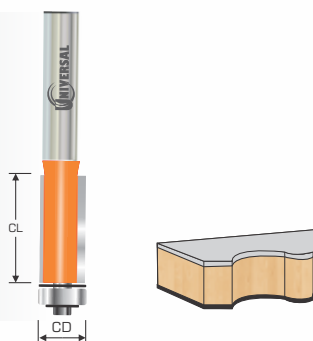
ECONOMIC ROUTER BITS SERIES

Cleaning Bottom Straight Bits - TJ 1



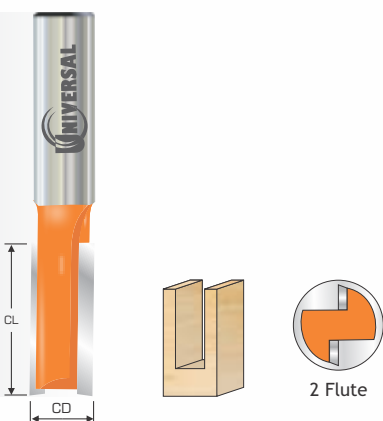
Code No.	Dia (inch)	C.L. (mm)	Shank (mm)
TJ-1A	6	20	6
TJ-1AY	6	20	6.35
TJ-4A	8	20	6
TJ-4AY	8	20	6.35
TJ-8A	10	20	6
TJ-8AY	10	20	6.35
TJ-12A	12	20	6
TJ-12AY	12	20	6.35

Flush Trim Bits - TS 4



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

Straight Bits - TS 10



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

ECONOMIC ROUTER BITS SERIES

Corner Radius Bits - TS 1



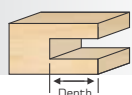
Code No.	Dia (inch)	R (mm)	Shank (mm)
TS-1	16.7	2	6
TS-1Y	16.7	2	6.35
TS-2	18.7	3	6
TS-2Y	18.7	3	6.35
TS-3	25.4	6.35	6
TS-3Y	25.4	6.35	6.35
TS-3A	31.7	9.5	6
TS-3AY	31.7	9.5	6.35
TS-3B	38.1	12.7	6
TS-3BY	38.1	12.7	6.35

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

Rebating Slot Bits - TS 29 (4 Teeth)



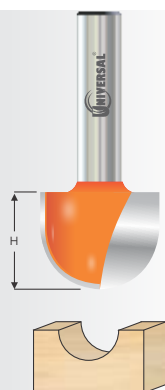
(4 Teeth)



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

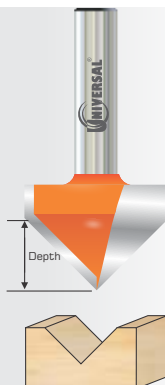
Bearing Size : 3/8" x 3/16"

Round Nose Bits - TS 19



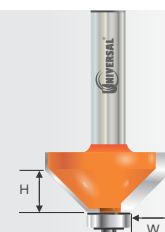
Code No.	Dia (mm)	R (mm)	Depth (mm)	Shank (mm)
TS-19	6	3	8	6
TS-19Y	6	3	8	6.35
TS-20	8	4	8	6
TS-20Y	8	4	8	6.35
TS-21	10	5	10	6
TS-21Y	10	5	10	6.35
TS-22	12	6	11	6
TS-22Y	12	6	11	6.35
TS-23	15	7.5	12	6
TS-23Y	15	7.5	12	6.35

"V" Groove Bits - TS 24



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

Chamfer Bits - TS 8



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

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

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



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



CNC. ROUTING SERIES



NEW ADDED

PRODUCTION ROUTING TOOLS
FOR WOOD, PLASTIC & COMPOSITE

CUTTING / GROOVING / CARVING / PROFILING / MILLING

Two Flute Solid Carbide Spiral Bit (End Mill)

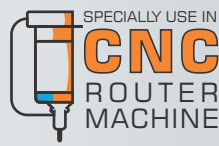


Application : Used For Ripping, Template Routing, Panel Sizing And Through & blind Cutting Application on Solid Wood, MDF, Particle Board, Melamine Board, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed on Well-clamped Work Pieces.

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
UT.TFS.02.12	2	3	12	45	2
UT.TFS.03.15	3	3	15	45	2
UT.TFS.04.20	4	4	20	50	2
UT.TFS.05.20	5	5	20	50	2
UT.TFS.06.22	6	6	22	55	2
UT.TFS.08.30	8	8	30	60	2
UT.TFS.10.30	10	10	30	70	2
UT.TFS.12.30	12	12	30	70	2

Two Flute Solid Carbide Ball Nose Bit

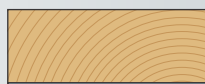
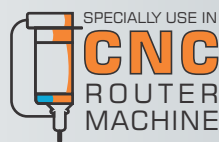


Application : The Tool Can Be Used For Carving And Producing A Smooth Edge Cut On Solid Wood, MDF, Wood Composites, Plastic Materials And Laminates. Can Be Used At A High Feed Speed On well Workpiece.

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

Technical Details:

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



↑ Excellent Finish in Bottom Side Workpiece

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

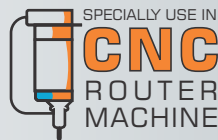
Two Flute Solid Carbide Straight Bit

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

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

Technical Details:

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

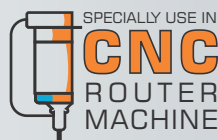


Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.ST.4.4.15	4	4	15	50	2
UT.ST.4.4.20	4	4	20	50	2
UT.ST.5.5.22	5	5	22	50	2
UT.ST.6.6.20	6	6	20	55	2
UT.ST.6.6.25	6	6	25	55	2
UT.ST.6.6.30	6	6	30	55	2
UT.ST.6.6.40	6	6	40	75	2
UT.ST.8.8.25	8	8	25	60	2
UT.ST.8.8.30	8	8	30	60	2
UT.ST.8.8.40	8	8	40	75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

Single Flute Solid Carbide Up Cut Spiral Bit

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

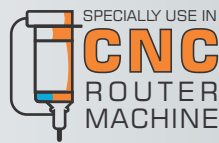
Use In : ACP, Acrylic, Shine Board & Plastic.



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

Straight Bits with Solid Carbide Insert (Steel Shank)

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



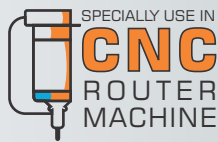
Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.INS.2.6.6	2	6	6	50	2
UT.INS.3.6.8	3	6	8	50	2
UT.INS.3.6.15	3	6	15	55	2
UT.INS.4.6.12	4	6	12	55	2
UT.INS.2.8.6	2	8	6	50	2
UT.INS.3.8.8	3	8	8	50	2
UT.INS.3.8.15	3	8	15	55	2
UT.INS.4.8.12	4	8	12	55	2
UT.INS.4.8.20	4	8	20	60	2
UT.INS.3.12.10	3	12	10	50	2
UT.INS.4.12.15	4	12	15	55	2
UT.INS.4.12.20	4	12	20	60	2
UT.INS.6.12.25	6	12	25	70	2
UT.INS.8.12.30	8	12	30	75	2

3- Flute Straight Bits with Solid Carbide Insert (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.



*Spektra 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.
*Spektra Offers For Impressive Solid Hardness On Cutting Areas Of The Tool, For An Increase Up To 2.5 Times Compared To Uncoated Bits.



Specially Use for NESTING APPLICATION

SHANK DIA - 12.7MM

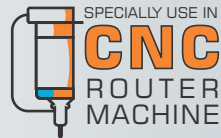
Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.3F.622.12.7	6	12.7	22	70	3
UT.3F.628.12.7	6	12.7	28	80	3
UT.3F.822.12.7	8	12.7	22	70	3
UT.3F.828.12.7	8	12.7	28	80	3
UT.3F.1030.12.7	10	12.7	30	80	3

SHANK DIA - 12 MM

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.3F.622.12	6	12	22	70	3
UT.3F.628.12	6	12	28	80	3
UT.3F.822.12	8	12	22	70	3
UT.3F.828.12	8	12	28	80	3
UT.3F.1030.12	10	12	30	80	3



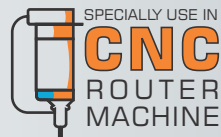
Solid Carbide Taper Ball Nose Spiral Bit



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

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

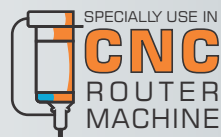
Solid Carbide Straight Taper Ball Nose Bit



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

Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	O.A.L. (mm)	Z
UT.STB.02.35.6	2	6	35	75	2
UT.STB.03.35.6	3	6	35	75	2
UT.STB.04.35.6	4	6	35	75	2
UT.STB.02.35.8	2	8	35	75	2
UT.STB.03.35.8	3	8	35	75	2
UT.STB.04.35.8	4	8	35	75	2

Solid Carbide Engraving Router Bit



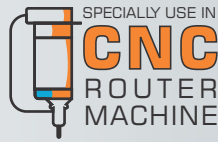
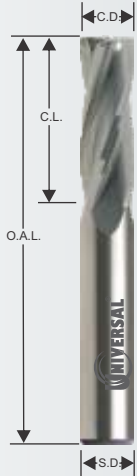
Application : To Be Used On All Cnc Routers of Raw Material, Solid Wood, Melamine Board, MDF, Partical Board & Laminated Plyboard.

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

Four Flute Solid Carbide Spiral Bit

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

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



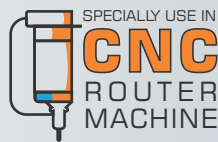
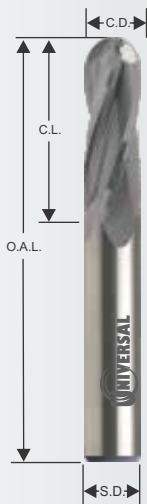
↑ Excellent Finish in Bottom Side Workpiece

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

Four Flute Solid Carbide Ball Nose Bit

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

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



↑ Excellent Finish in Bottom Side Workpiece

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

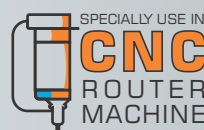
Dust Chip Extraction Nut



Application : Dust Free Routing

Advantage

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



Code No.	Size
Extraction Nut	ER 32

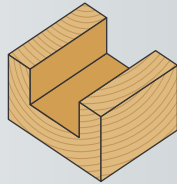
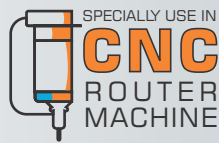
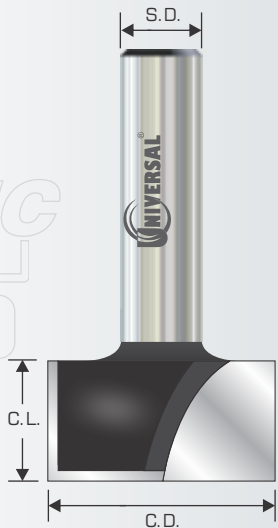
Remark : Special Specification is Available as per customers order

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

(Cleaning Bottom Bits)

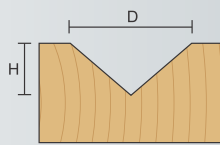
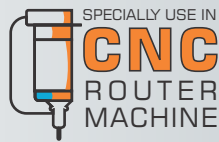
Use On : All CNC Routers M/C, Hand Routers & Stand Routers

Specially Made For Plywood, MDF, Particle Board's & Solid Surface, Edge Finish, Cutting, Rebating, Grooving & Area Clearance



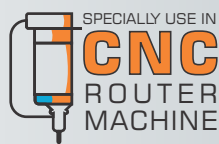
Code No.	C.D. (mm)	S.D. (mm)	C.L. (mm)	Z
UT.SB.081220	8	12	20	2
UT.SB.101220	10	12	20	2
UT.SB.121220	12	12	20	2
UT.SB.151220	15	12	20	2
UT.SB.191225	19	12	25	2
UT.SB.251225	25	12	25	2
UT.SB.301215	30	12	15	2
UT.SB.321215	32	12	15	2
UT.SB.351215	35	12	15	2
UT.SB.381215	38	12	15	2
UT.SB.401215	40	12	15	2
UT.SB.451215	45	12	15	2
UT.SB.501215	50	12	15	2

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



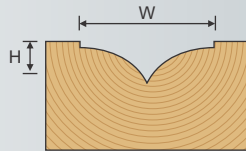
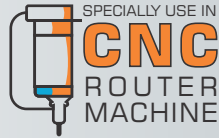
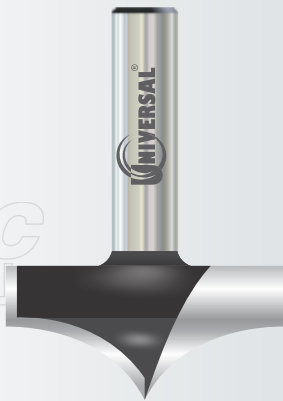
Code No.	C.D. (mm)	Degree°	H (mm)	S.D. (mm)
VG.32.90.6	32	90°	16	6
VG.32.90.8	32	90°	16	8
VG.32.90.12	32	90°	16	12
VG.32.120.6	32	120°	9	6
VG.32.120.8	32	120°	9	8
VG.32.120.12	32	120°	9	12

T.C.T. Brazed "V" Groove Bits - UT.VG Economic



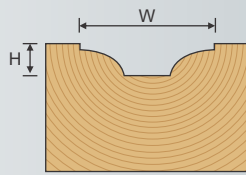
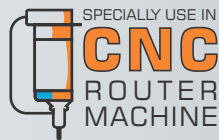
Code No.	Dia (mm)	Degree	Depth (mm)	Shank (mm)
267-A	8	90°	4	8
267-B	10	90°	5	8
267	12	90°	6	8
268	15	90°	7.5	8
268-A	15	90°	7.5	12
269	19	90°	9.5	8
269-A	19	90°	9.5	12
269-B	25	90°	12.5	8
269-C	25	90°	12.5	12
269-D	32	90°	16	8
269-E	32	90°	16	12

TCT Brazed Ovolo Point Bits - UT.OP Economic



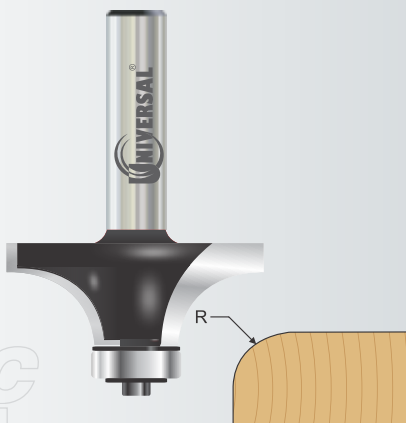
Code No.	W (mm)	H (mm)	C.D. (mm)	S.D. (mm)	Z
UT.OP.12.08	12	8	12	12	2
UT.OP.15.08	15	8	15	12	2
UT.OP.19.10	19	10	19	12	2
UT.OP.22.10	22	10	22	12	2
UT.OP.25.10	25	10	25	12	2
UT.OP.32.12	32	12	32	12	2

TCT Brazed Ovolo Bits - UT.OB Economic

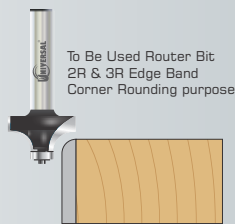


Code No.	W (mm)	H (mm)	C.D. (mm)	S.D. (mm)	Z
UT.OB.12.08	12	8	12	12	2
UT.OB.15.08	15	8	15	12	2
UT.OB.19.10	19	10	19	12	2
UT.OB.22.10	22	10	22	12	2
UT.OB.25.10	25	10	25	12	2
UT.OB.32.10	32	10	32	12	2

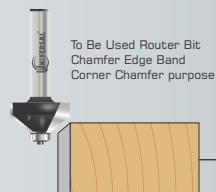
TCT Brazed Corner Radius Bits - UT.CR Premium Quality



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



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

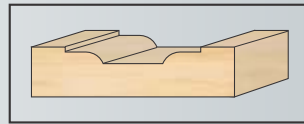
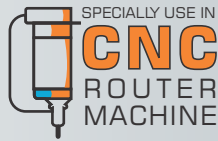
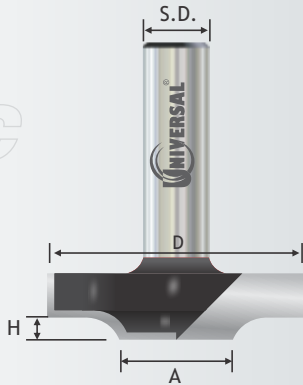


Code No.	Chamfer	Degree	C.D. (mm)	S.D. (mm)
CF.6.6.6	Max. 6x6	45°	25.4	6
CF.6.6.8	Max. 6x6	45°	25.4	8

CNC Router Bits For Membrane Doors

» Plung Ogee Fillet Design Bits - AMD

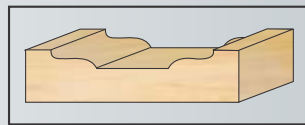
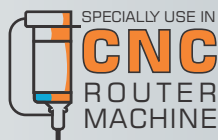
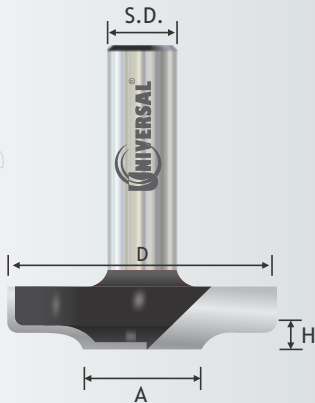
Premium Quality



Code No.	Dia (mm)	A (mm)	Height (mm)	S.D. (mm)
AMD-251015	25	10	1.5	12
AMD-251020	25	10	2.0	12
AMD-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

» Beading Groove Design Bits - BMD

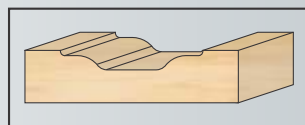
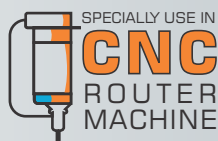
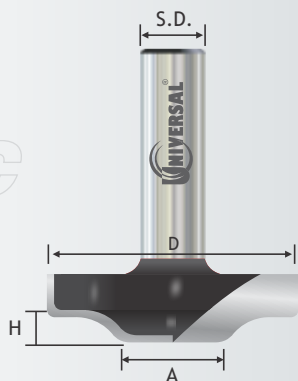
Premium Quality



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

» Classical Design Bits - CMD

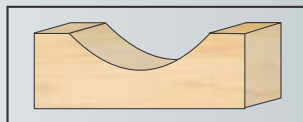
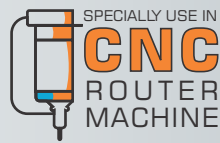
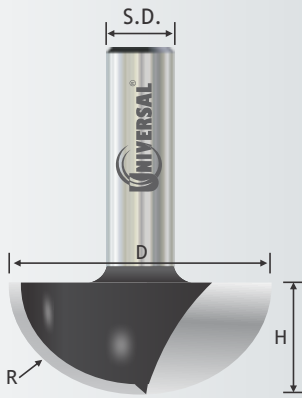
Premium Quality



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

CNC Router Bits For Membrane Doors Premium Quality

» Round Nose Bits



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

TCT Brazed Round Nose Bits Premium Quality

Router Bits Specially For Membrane Doors & Wave Boards

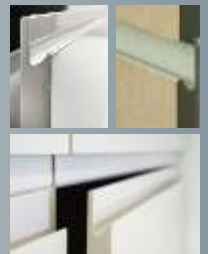
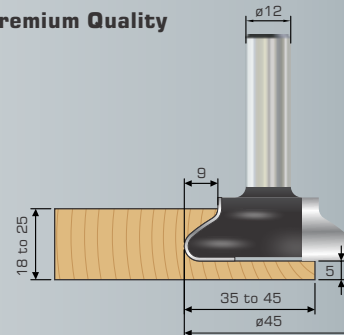


Code No.	C.D. (mm)	H (mm)	S.D. (mm)
WB-MD-140	15	2.5	12
WB-MD-141	19	2.5	12
WB-MD-142	25	2.5	12
WB-MD-143	30	2.5	12
WB-MD-144	32	2.5	12
WB-MD-145	35	2.5	12



TCT Brazed J Profile Router Bits Premium Quality

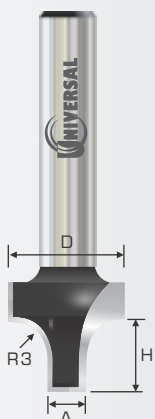
Premium Quality



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

TCT Brazed Radius Grill Bit Premium Quality

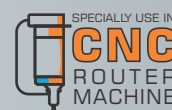
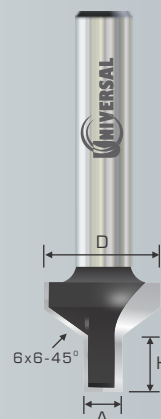
Premium Quality



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

TCT Brazed Tapper Grill Bit Premium Quality

Premium Quality



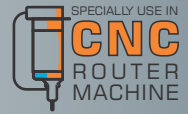
Code No.	C.D. (mm)	A (mm)	H (mm)	Z
GT-1	18	6	8	2
GT-2	18	6	10	2
GT-3	18	6	12	2
GT-4	18	6	15	2

Precision Collets for CNC Router Machining Center



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

Use On : All CNC Router Machines.

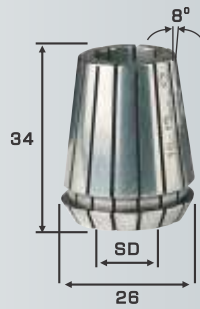


ER20



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

ER25



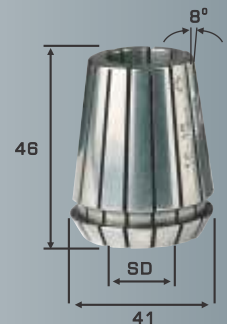
Code No.	C.D. (mm)
ER25.03	3
ER25.04	4
ER25.05	5
ER25.06	6
ER25.08	8
ER25.10	10
ER25.12	12
ER25.13	13
ER25.16	16

ER32



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

ER40



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

Spanner



» ER.20

CODE NO.: ER20.US

» ER.25

CODE NO.: ER25.US

» ER.32

CODE NO.: ER32.US

» ER.40

CODE NO.: ER40.US

Clamping Nuts For Collets



» ER.20

CODE NO.: ER20.NUT

» ER.25

CODE NO.: ER25.NUT

» ER.32

CODE NO.: ER32.NUT

» ER.40

CODE NO.: ER40.NUT

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



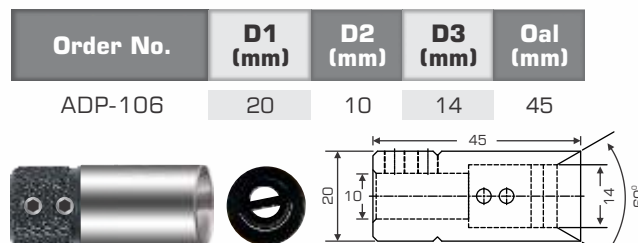
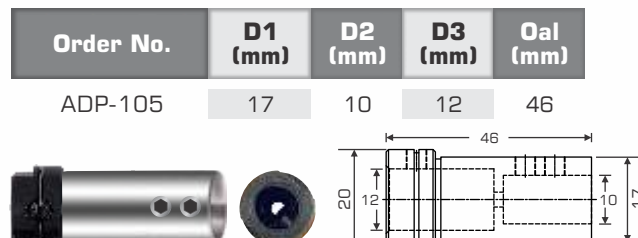
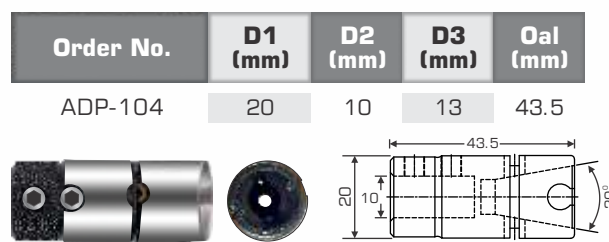
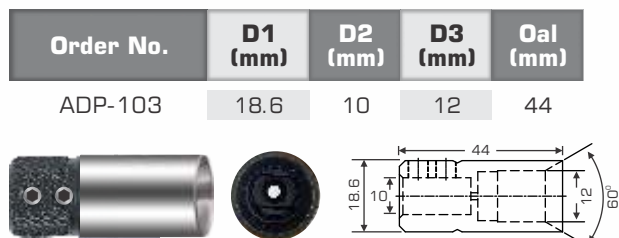
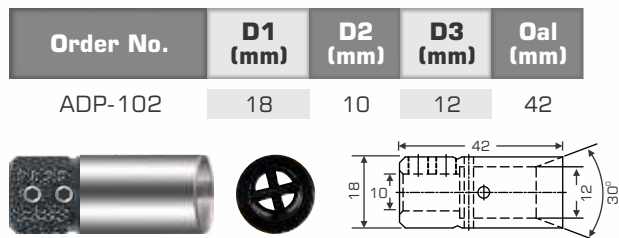
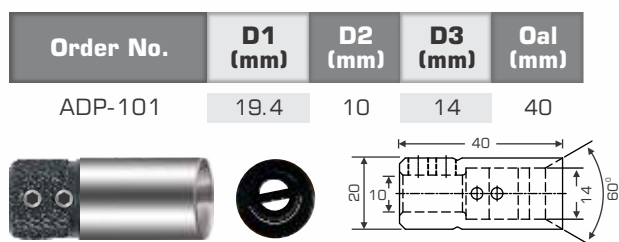
Order No.	Dia	Oal	CL	Shank
UMB.370RH	3mm	70mm	40mm	10x30mm
UMB.370LH	3mm	70mm	40mm	10x30mm
UMB.570RH	5mm	70mm	40mm	10x30mm
UMB.570LH	5mm	70mm	40mm	10x30mm
UMB.670RH	6mm	70mm	40mm	10x30mm
UMB.670LH	6mm	70mm	40mm	10x30mm
UMB.870RH	8mm	70mm	40mm	10x30mm
UMB.870LH	8mm	70mm	40mm	10x30mm
UMB.1070RH	10mm	70mm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

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



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

Adaptor for Multi Boring Machines - ADP



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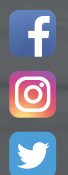
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