

Routing



The most comprehensive range of router bits available to the industrial and professional markets.

- Exclusive Dnamic™ grade carbide.
- Advanced materials used in steel alloy .
- Unique grinding process giving precision and enhanced quality.

Advanced manufacturing process, using unique high-tech technology in router bit manufacturing offering perfect cutting and extended life.

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Routing



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#E1013	#E1073	#E1143	#E1053	#E1063	#E1093	#E1093	#E1093	#E1123	#E1383
228	229	229	229	230	230	230	231	231	231

#1010	#1010	#1010	#101	#1011	#1019	#1020	#1020	#1020	#1030	#1040	#1040	#1041	#1042	#1043	#105
250	251	251	250	249	252	262	262	263	253	312	312	255	313	255	254

#1053	#1053	#1050	#1060	#1060	#106	#1062	#1063	#1066	#107	#107	#107	#1075	#107	#1072	#1073
329	329	254	264	264	265	266	329	271	233	234	235-237	239	238-239	241	240

#1073	#1073	#1073	#1073	#1073	#1073	#1073	#1073	#1019	#1019	#1078	#1080	#1082-3	#1084	#1086
240	244-245	249	241	241	245	246	248	252	252	254	319	316	318	317

#1086	#1089	#1089	#1090	#1092	#1092	#1093	#1100	#1120	#1130	#1133	#1140
316	319	319	273	276	303	276	253	278	279	278	310

#1141	#1141	#1144	#1146	#1150	#1160	#1170	#1171	#1173	#118	#1190	#1200	#1210
255	243	310	311	253	261	266	266	269	261	274-275	279	283

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#1220	#1221	#1222	#1223	#1224	#1224	#1224	#1224	#1229	#1229	#1229
306	306	306	307	308	308	309	309	307	307	308

#1230	#1241	#1240	#124	#1242	#1243	#1243	#1260	#1243	#1243	#1243	#1244	#1250	#1260	#1270
306	284	285	286	286	285	288	247	289	289	293	284	243	247	268

#1280	#1290	#1291	#1300	#1310	#1312	#1320	#1320	#1330	#1330	#1340	#1350	#1352	#1360
268	305	305	269	269	270	291	291	320	320	279	282	270	280

#1363	#1370	#1473	#1373	#1373	#1380	#1390	#1400	#1410	#1420	#1430	#1430
280	271	267	267	267	281	283	282	262	326	325	325

#1432	#1434	#1433	#1440	#1450	#1450	#1450	#1450
328	321	323	326	321	322	322	322

#1450	#1450	#1450	#1450	#1450	#1460	#1460	#1460	#1470
323	324	324	325	327	272	272	272	271

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#1480	#1480	#149	#1490	#1490	#1490	#1490	#1490	#1940	#1560	#1560	#1560	#1560
291	290	320	320	313	314	314	314	314	281	292	292	294

#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1563	#1563	#1563
294	295	297	298	298	299	300	300	301	301	302	302	294	295	295

#1563	#1563	#1563	#1566	#1566	#1570	#1580	#1583	#1584	#1620	#1622	#1623	#1630	#1630
296	297	296	293	299	283	287	287	288	290	290	289	303	303

#1630	#1640	#1650	#1650	#1650	#1650	#1670	#1681	#1681	#1682	#1682
304	241	299	304	304	305	313	315	315	315	315

#174	#2034	#5588	#808	#106
248	328	277	256-260	265

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TECHNICAL INFORMATION

RAW MATERIALS

STEEL : The tools are produced from high quality steel. Type of steel to be used depends on the carried out application and the tool size.

CARBIDE: The straight bit tools are produced with unique hard Dnamic™ Carbide.
The Profile tools are made from Fine grain quality Carbide.

BALL BEARING: The ball bearings used in the tools are protected from dust .
The bearings are from the highest standard assuring smooth work for longer period of time.



PRODUCTION PROCEDURES

BRAZING: Dimar's brazing technique is unique due to the usage of brazing machines which are particularly made for this purpose. It enables brazing of very hard carbide, such as the DNamic carbide which assures longer cutting life.

GRINDING: Grinding of tools is carried out on computerized machines and tailored built to allow accuracy of grinding with a single grip to reduce tolerances and achieve top grinding quality. All provide superior cutting and a long lasting product life .

SAFETY AND DESIGN

EN847 Standard: Router bits produced in accordance with the EN847 standard.

SHANK: Tools are produced with the following shank sizes: 6mm, 8mm, 12mm, 1/4", 1/2" .
Length of the 6mm & 1/4" shanks: 28.6 mm.
The 8mm shank has a length of 32mm. The 12mm & 1/2" have a length of 38.1mm.



EN847-1
EN847-2

R.P.M: On all shanks the dimensions and the maximum R.P.M are clearly stated.

INSERTING TOOL TO HOLDER: Clear sign indicates up until where the tool shall be inserted into holder K.



CHIP LIMITER: Router bits which their diameter is bigger than 16mm has been designed with a chip limiter size to a maximum of 1.1mm. It assists to avoid tearing of the raw material and increasing the safety for the user.
Upon feeding the machine, using CNC machines or working with a tool that contains a chip limiter - the Feed Rate should be to a maximum limit of 4 m/min.

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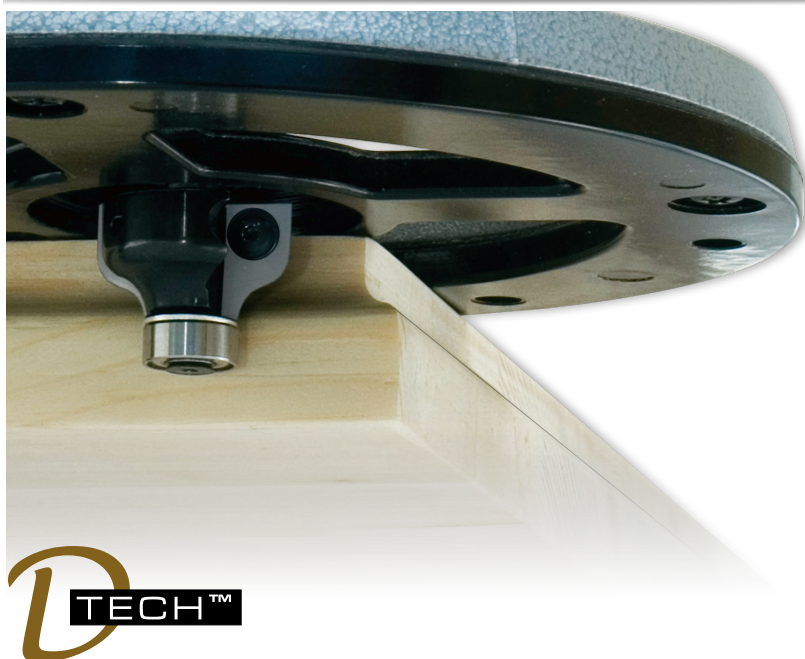
Jointing &
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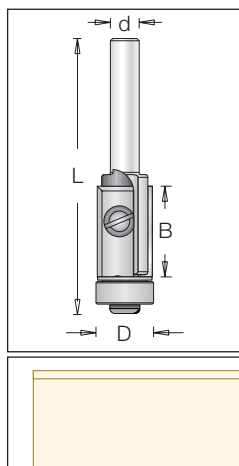


Dimar developed the new DTECH™ line with the vision of bringing industrial wood working technology to the portable router machines.

The most popular profiles were upgraded to the replaceable carbide system. The replaceable carbide is much harder than the carbide for the brazed tool which gives the tool a much longer life time, better cutting quality, easy assembling and no need for resharping, which results in both constant and accurate dimensions.



Flush Trimming Bit



øD	B	Code No.	L	ød
12.7	20	E1013075	63.5	8



Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#310 151 2
20x9x1.5



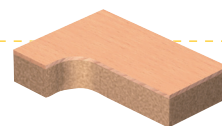
Ball Bearing
#191 007 0
12.7x4.76



screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



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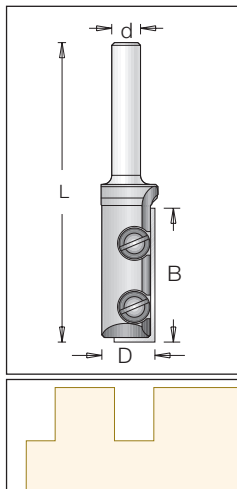


Frame &
Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
12	29.5	E1073815	66	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



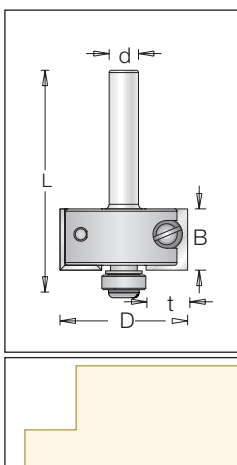
T.C. Blade
#310 793 0
29.5x9x1.5



screw
#193 035 5
M3x4



Rebating Bit



øD	B	Code No.	t	L	ød
28.6	13.25	E1143205	9.5	51.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#310 151 3
13.25x9x1.5



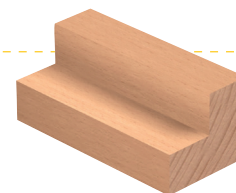
Ball Bearing
#191 004 0
9.5x4.7x3



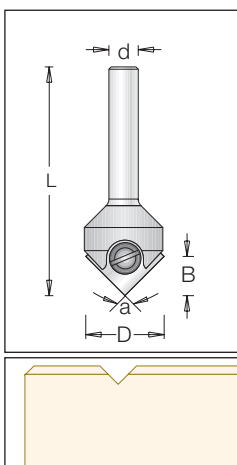
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



V Groove Bit



øD	B	a	Code No.	L	ød
17.6	8.5	90°	E1053505	53	8

⚠ Can be supplied with 6mm shank.

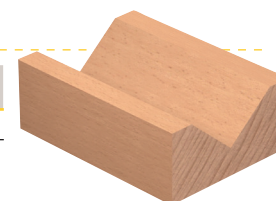
Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



screw
#193 035 5
M3x4



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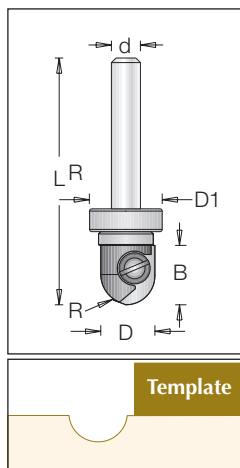


Frame &
Panel door



Carving

Core Box Bit



øD	R	D1	B	Code No.	L	ød
12.7	6.35	16	13	E1063505	59	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



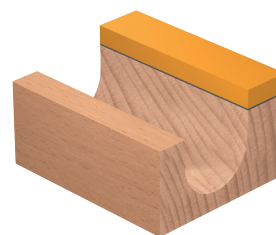
T.C. Blade
#310 650 6
13x9x1.5



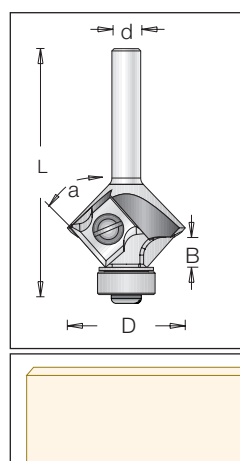
Ball Bearing
#191 024 0
16x8x5



□re□
#193 035 5
□3x4



Bevel Trimming Bit



øD	B	a	R	Code No.	L	ød
27.3	5.7	45°	3	E1093215	60.5	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#310 932 3
12x12x1.5



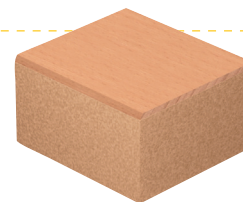
Ball Bearing
#191 007 0
4.7x12.7x5



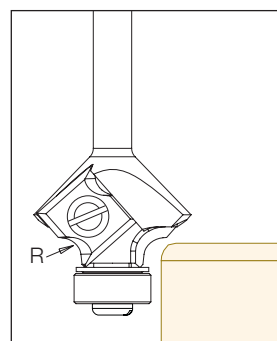
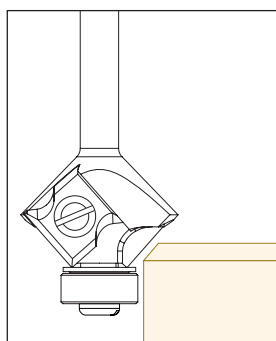
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



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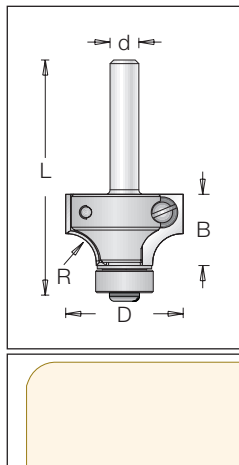


Frame &
Panel door



Carving

Ovolo Bit



øD	B	R	Code No.	L	ød
26	15.7	6	E1093255	56.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#310 932 6
15.7x9x1.5



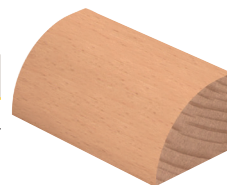
Ball Bearing
#191 007 0
4.7x12.7x5



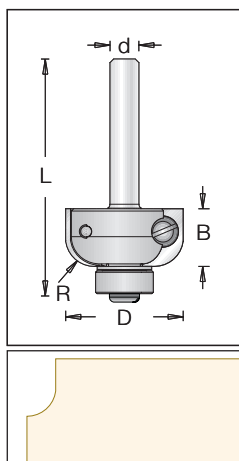
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Core Bit



øD	B	R	Code No.	L	ød
26	12.7	6.35	E1123055	54.5	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#311 200 6
12.7x9x1.5



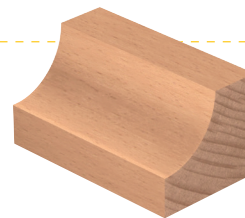
Ball Bearing
#191 007 0
4.7x12.7x5



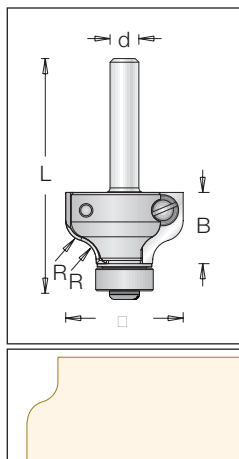
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Ogee Fillet Bit



øD	B	R	Code No.	L	ød
26	15.7	4.5	E1383065	56.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#313 850 1
15.7x9x1.5



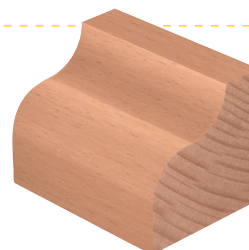
Ball Bearing
#191 007 0
4.7x12.7x5



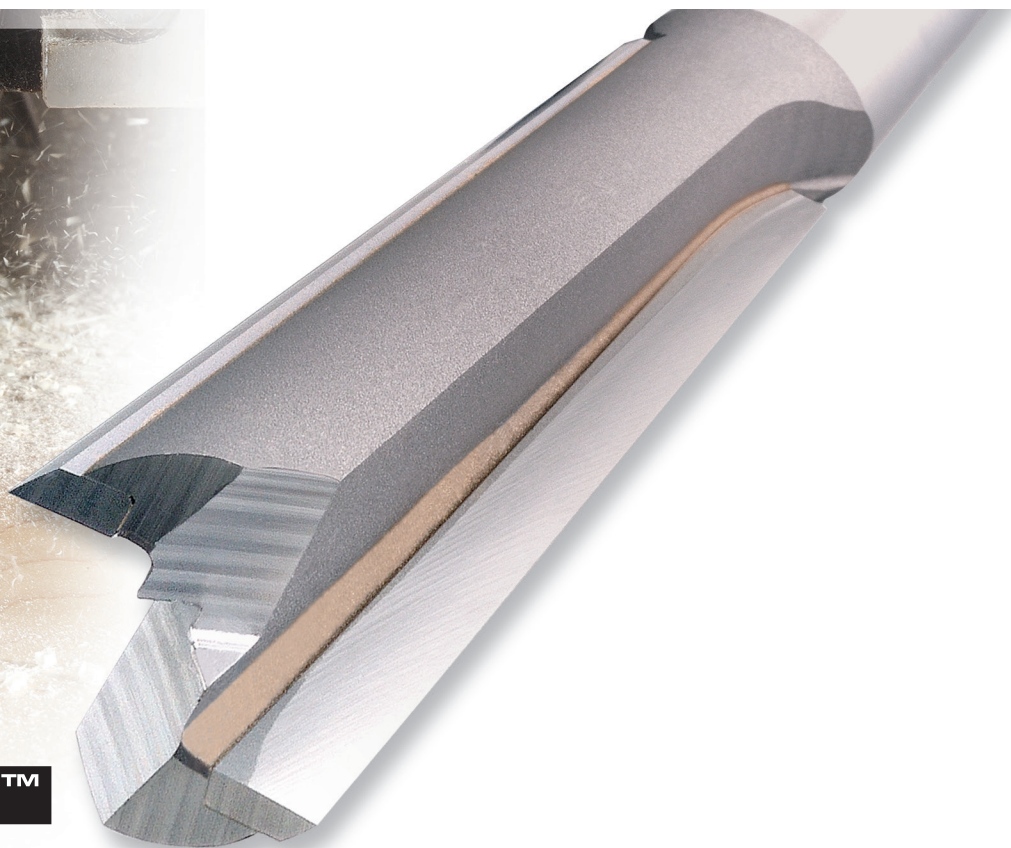
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



ROUTING



Extended life DNAMIC™ carbide straight bits.

Special DNAMIC™ carbide was developed for Abrasive material along with geometric changes in the tools. These were produced in modern CNC machines and in a grinding of superior quality in automatic machines that transform the DNAMIC™ into the very best straight tool.

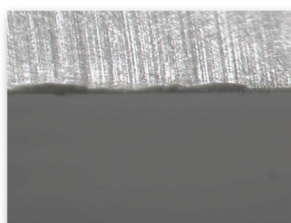
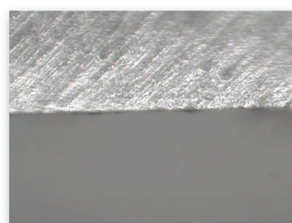
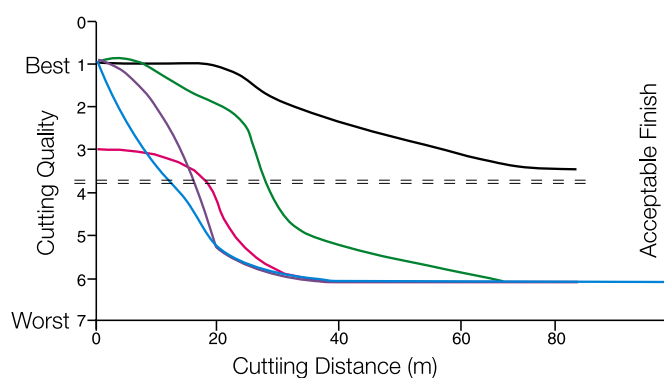
The DNAMIC™ router bit is compared to a leading competitor at a magnification of x 90 - it is possible to see the difference in the manufactured quality.

Under laboratory conditions the two router bits were tested cutting an abrasive double sided melamine in a thickness of 17mm. After both tools had cut a distance of 70 meters, the wear of the router bits were compared against each other at a magnification of x 20. The DNAMIC™ router had only worn by 0.07mm, whereas the nearest competitor's router bit had worn by 0.19mm.

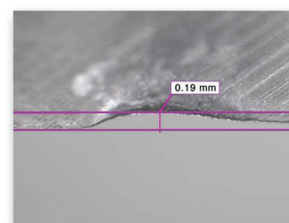
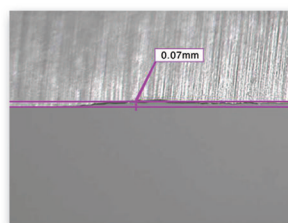
Both tests provide clear evidence of the superior cutting ability of our DNAMIC™ router bits.

The test compared the new DNAMIC™ router bits against four other manufacturers. The results are shown in the graph.

- Dimar 
- Competitor B
- Competitor C
- Competitor D
- Competitor E



Competition



Competition

Routing



Grooving
& Sizing



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Jointing &
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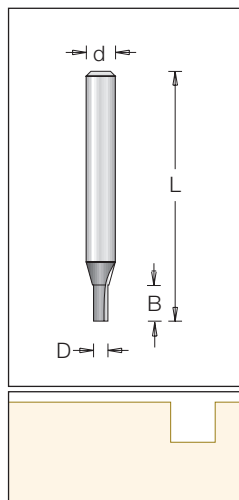


Frame &
Panel door



Carving

Straight Bit - Shank 6mm



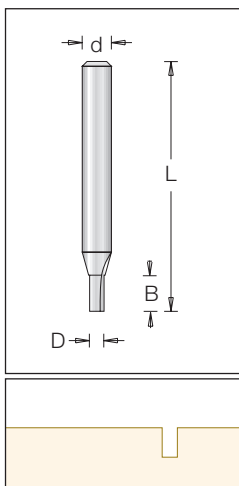
øD	B	Code No.	L	ød
2.4	6.3	1075003*	30.1	6
3.1	11.1	1075013*	50.8	6
4.0	11.1	1075043*	50.8	6
4.7	11.1	1075073*	50.8	6
	15.8	1075063*	55.5	6
5.5	19.0	1075053	50.8	6
	12.7	1075093	50.8	6
	15.8	1075203	47.6	6
6.3	19.0	1075103	50.8	6
	25.4	1075133	57.0	6
	25.4	1075143	73.0	6
7.1	19.0	1075163	50.8	6
	25.4	1075193	57.0	6
	19.0	1075223	50.8	6
8.0	25.4	1075253	57.0	6
	25.4	L1075253	70.0	6
	19.0	1075283	50.8	6
9.5	25.4	1075313	57.0	6
	31.7	1075343	63.5	6
11.0	25.4	1075403	57.0	6
	19.0	1075433	50.8	6
12.7	25.4	1075463	57.0	6
	31.7	1075493	63.5	6
15.8	25.4	1075583	57.0	6
17.5	19.0	1075613	50.8	6
	25.4	1075623	57.0	6
19.0	19.0	1075643	50.8	6
	25.4	1075653	57.0	6
20.6	19.0	1075673	50.8	6
22.2	19.0	1075703	50.8	6
25.4	19.0	1075733	50.8	6



* Solid Carbide.
Can be supplied with 1/4" shank.



Solid Carbide Straight Bit - Shank 6mm



øD	B	Code No.	L	ød
3	11	SO1070013	60	6
4	11	SO1070043	60	6
5	11	SO1070073	60	6
6	19	SO1070103	60	6



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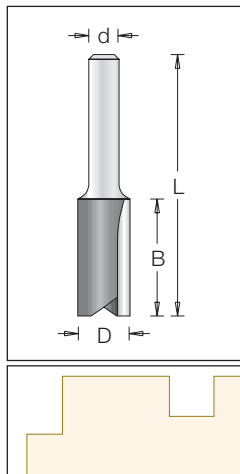


Frame &
Panel door



Carving

Straight Bit - Shank 6mm



øD	B	Code No.	L	ød
1.3	4.5	1078333*	47	6
1.5	4.5	1078343*	47	6
2.0	6.5	1078353*	47	6
2.5	8.0	1070123*	48	6
3.0	8.0	1078013*	41	6
	8.0	1078023*	55	6
	11.0	1070013*	51	6
	11.0	X1070013*	60	6
4.0	11.0	1070043*	51	6
5.0	11.0	1070073*	51	6
	16.0	1070083*	56	6
6.0	16.0	1070113	48	6
	19.0	1070103	51	6
	25.0	1070133	57	6
6.5	25.0	1070173	57	6
7.0	19.0	1070163	51	6
	25.0	1070193	57	6
8.0	19.0	1070223	51	6
	25.0	1070253	57	6
9.0	19.0	1070273	51	6
10.0	19.0	1070283	51	6
	25.0	1070313	57	6
	32.0	1070343	64	6
11.0	25.0	1070403	57	6
	19.0	1070433	51	6
12.0	25.0	1070463	57	6
	32.0	1070493	64	6
13.0	19.0	1070563	51	6
	32.0	1070423	64	6
14.0	19.0	1070583	51	6
14.5	19.0	1070593	51	6
15.0	19.0	1070653	51	6
	19.0	1070673	51	6
16.0	25.0	1070703	57	6
	32.0	1070723	64	6
18.0	19.0	1070793	51	6
18.2	19.0	1070863	51	6
19.0	19.0	1070883	51	6
	25.0	1070893	57	6
20.0	16.0	1070993	48	6
	19.0	1071003	51	6
21.0	19.0	1071083	51	6
22.0	19.0	1071093	51	6
25.0	19.0	1071183	51	6



* Solid Carbide.

Routing



Grooving
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Profiling &
Chamfering



Jointing &
Rebating

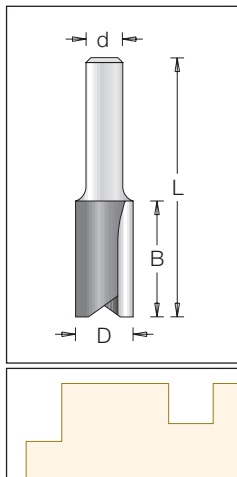


Frame &
Panel door



Carving

Straight Bit - Shank 8mm



øD	B	Code No.	L	ød
3.0	11	1070015*	51	8
4.0	11	1070045*	51	8
5.0	11	1070075*	51	8
6.0	19	1070105*	57	8
	25	1070135	63	8
7.0	19	1070165	57	8
	19	1070225	57	8
8.0	25	1070255	63	8
	25	L1070255	80	8
	19	1070285	51	8
10.0	25	1070315	57	8
	32	1070345	64	8
	32	L1070345	80	8
11.0	19	1070375	51	8
	25	1070405	57	8
	19	1070435	51	8
12.0	25	1070465	57	8
	32	1070495	64	8
	32	L1070495	80	8
13.0	19	1070565	51	8
	19	1070585	51	8
14.0	19	L1070585	70	8
	25	1070615	57	8
15.0	19	1070655	51	8
	19	1070675	51	8
16.0	25	1070705	57	8
	25	L1070705	85	8
18.0	19	1070795	51	8
	19	L1070795	70	8
19.0	19	1070885	51	8
20.0	19	1071005	51	8
	19	L1071005	70	8
22.0	19	1071095	51	8
	19	L1071095	70	8
24.0	19	1071195	51	8
25.0	19	1071185	51	8
26.0	19	1071315	51	8
28.0	19	1071265	51	8



* Solid Carbide.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

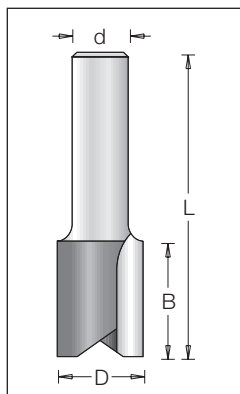


Frame &
Panel door



Carving

Straight Bit - Shank 12mm



øD	B	Code No.	L	ød
4.0	11	1070049*	63	12
5.0	11	1070079*	60	12
6.0	19	1070109*	64	12
7.0	19	1070169	63	12
8.0	19	1070229	63	12
	25	1070259	69	12
10.0	19	1070289	63	12
	25	1070319	69	12
	32	1070349	76	12
	25	1070469	66	12
12.0	32	1070499	73	12
	38	1070529	79	12
	51	1070559	108	12
13.5	32	1070579	73	12
14.0	25	1070619	66	12
15.0	25	1070649	66	12
16.0	25	1070709	66	12
	32	1070739	73	12
	38	1070769	79	12
16.7	32	1070779	73	12
18.0	32	1070859	73	12
	51	1070829	92	12
19.0	25	1070919	66	12
	38	1070979	79	12
20.0	25	1071039	66	12
	32	1071069	73	12
	51	1070989	92	12
22.0	32	1071159	73	12
	51	1071209	92	12
24.0	19	1071199	60	12
25.0	25	1071219	66	12
	32	1071249	73	12
	38	1071279	79	12
27.0	32	1071289	73	12
28.6	32	1071299	73	12
30.0	25	1071309	66	12
	32	1071339	73	12
35.0	25	1071369	66	12
40.0	25	1071429	66	12
	32	1071459	73	12



* Solid Carbide.
Can be supplied with 1/2" shank.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

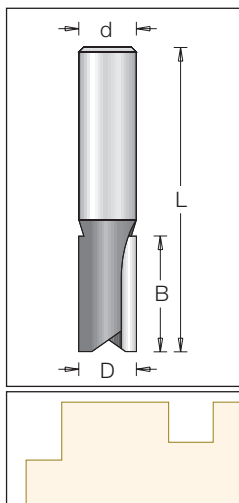


Frame &
Panel door



Carving

Straight Bit - Shank 12mm



øD	B	Code No.	L	ød
6.3	12.7	1075099*	57.0	12
	19.0	1075109*	63.5	12
6.3	25.4	1075139	70.0	12
	19.0	1075229	63.5	12
8.0	25.4	1075259	70.0	12
	25.4	1075259L	70.0	12
9.5	19.0	1075289	63.5	12
	25.4	1075319	70.0	12
9.5	25.4	1075319L	70.0	12
	31.7	1075349	76.2	12
11.1	25.4	1075409	70.0	12
	25.4	1075469	66.7	12
11.1	31.7	1075499	73.0	12
	31.7	L1075499	81.0	12
12.7	38.0	1075829	79.0	12
	38.0	1075829L	79.0	12
12.7	50.8	1075839	108.0	12
	50.8	1075839L	108.0	12
12.7	63.5	1075849	114.3	12
	25.4	1075529	66.7	12
14.2	31.7	1075859	73.0	12
	25.4	1075589	66.7	12
15.8	31.7	1075889	73.0	12
	38.0	1075919	79.3	12
15.8	50.8	1075929	92.0	12
	31.7	1075949	73.0	12
17.4	25.4	1075979	66.7	12
	31.7	1076009	73.0	12
19.0	31.7	1076009L	73.0	12
	38.0	1076039	79.3	12
19.0	50.8	1076049	92.0	12
	50.8	1076049L	92.0	12
19.8	31.7	1075669	73.0	12
	31.7	1076099	73.0	12
22.2	25.4	1076129	66.7	12
	31.7	1076159	73.0	12
22.2	25.4	1076189	66.7	12
	31.7	1076219	73.0	12
25.4	38.0	1076249	79.3	12
	50.8	1076259	92.0	12
31.7	31.7	1076309	73.0	12
	25.4	1076339	66.7	12
35.0	31.7	1076369	73.0	12
	31.7	1076379	73.0	12
42.1	31.7	1076429	73.0	12
44.4	31.7	1076459	73.0	12
47.6	31.7	1076489	73.0	12
50.8	31.7	1076499	73.0	12



* Solid Carbide.
Can be supplied with 1/2" shank.

L- Left Hand Roution

ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

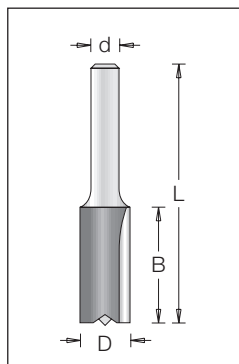


Frame &
Panel door



Carving

Straight Bit with Center Tip - Shank 6mm



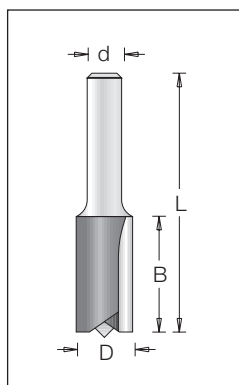
øD	B	Code No.	L	ød
9.5	25.4	1074313	5.07	6
	31.7	1074343	63.5	6
12.7	19	1074433	50.8	6
	25.4	1074453	66.0	6
	25.4	1074463	54.0	6
22.2	19	1074703	50.8	6
25.4	19	1074733	50.8	6



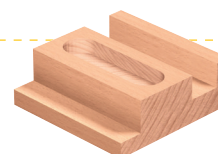
Can be supplied with 1/4" shank.



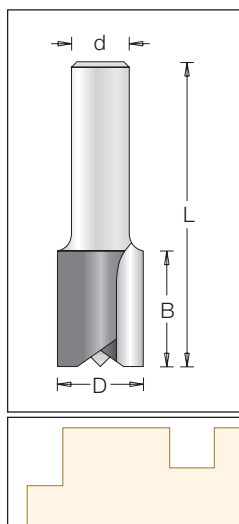
Straight Bit with Center Tip - Shank 8mm



øD	B	Code No.	L	ød
8	19	1077225	57	8
10	19	1077285	51	8
12	19	1077435	51	8
	25	1077465	57	8
	32	1077495	63	8
16	19	1077675	51	8
	25	1077705	57	8
18	19	1077795	51	8
20	19	1077005	51	8



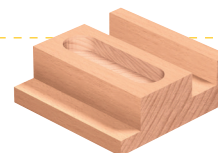
Straight Bit with Center Tip - Shank 12mm



øD	B	Code No.	L	ød
8	19	1077229	63	12
10	19	1077289	63	12
12	25	1077469	67	12
	38	1077529	79	12
	51	1077559	108	12
14	25	1077619	67	12
15	25	1077649	67	12
16	19	1077679	61	12
	25	1077709	67	12
	38	1077769	79	12
17	25	1077789	65	12
18	25	1077849	67	12
19	25	1077899	67	12
20	25	1077039	67	12



Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

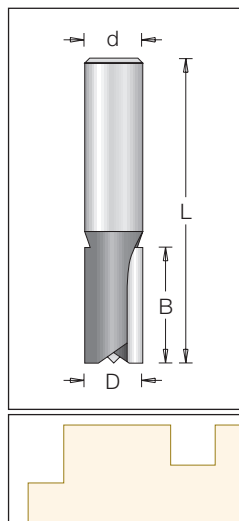


Frame &
Panel door



Carving

Straight Bit with Center Tip - Shank 12mm

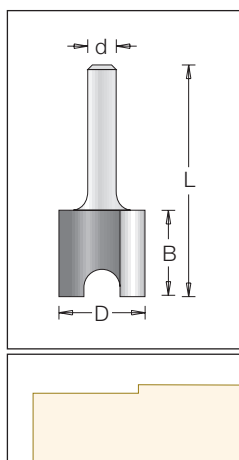


øD	B	Code No.	L	ød
9.5	31.7	1074349	76.2	12
	25.4	1074469	66.7	12
12.7	31.7	1074499	73.0	12
	38.0	1074829	79.3	12
	50.8	1074839	108.0	12
16	31.8	1074889	73.0	12
	50.8	1074929	95.0	12
16.9	25.0	1074569	66.0	12
19	25.4	1074659	67.0	12
22.2	31.8	1074159	73.0	12
25.4	25.4	1074189	67.0	12
41.3	25.4	1077399	67.0	12
44.5	31.8	1077459	73.0	12
47.6	31.8	1077489	73.0	12

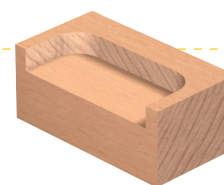


⚠ Can be supplied with 1/2" shank.

Hinge Mortising Bit

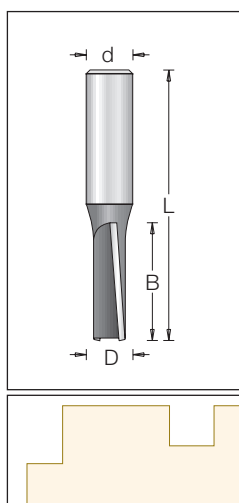


øD	B	Code No.	L	ød
12.7	19.1	1110013	51	6
15.9	19.1	1110043	51	6
19.1	19.1	1110073	51	6
	19.1	1110075	51	8
31.8	19.1	1110129	58	12
	31.8	1110139	73	12

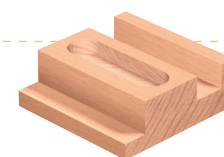


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Straight Bit - Down Shear Angle



øD	B	Code No.	L	ød
9.5	25.4	1075313S	54.0	6
	25.4	1075319S	70.0	12
12.7	31.8	1075499S	73.0	12
	38.0	1075829S	79.0	12
	50.8	1075839S	107.5	12



⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

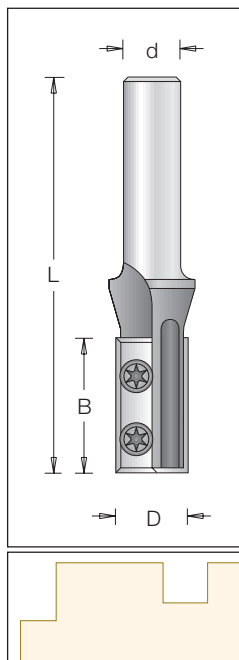


Frame &
Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
14	30	1073119*	86	12
16	30	1073129	88	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 793 0
30x9x1.5



Torx screw
#193 354 8
M3.5x4.8



Torx screw *
#193 364 8
M3.5x4.8



Torx key
#194 101 5
T15

øD	B	Code No.	L	ød
18	30	1073169	88	12
20	30	1073209	88	12
22	30	1073249	88	12
25	30	1073299	88	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 723 0
30x12x1.5



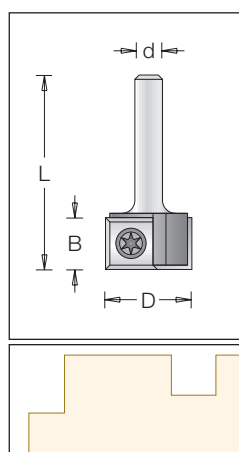
Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15



Flush Trimming Bit



øD	B	Code No.	L	ød
18	12	1073015	44	8
20	12	1073023	44	6
	12	1073025	45	8
22	12	1073033	44	6
	12	1073039	50	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



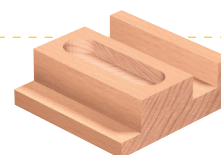
T.C. Blade
#310 121 2
12x12x1.5



Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

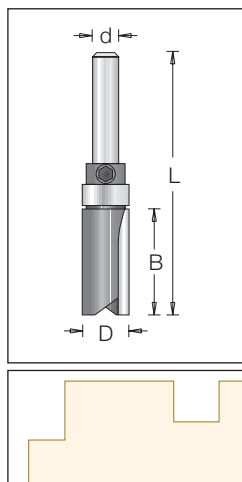


Frame &
Panel door



Carving

Straight Bit - Template Profile



øD	B	Code No.	L	ød	
6.3	12.7	1072403	51	6.0	A
12.7	25.4	1072463	63	6.0	A
12.7	32.0	1072483	69	6.0	A
15.9	25.4	1072583	63	6.0	B
19.1	25.4	1072663	63	6.0	C
19.1	25.4	1072979	77	12.0	D
19.1	50.8	1072049	92	12.0	D
25.4	44.5	1072229	95	12.0	G
26.0	25.4	1072746	73	9.5	E
28.6	38.1	1072399	92	12.0	F
31.8	44.5	1072379	98	12.0	H

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 003 0
6.35x12.7 x4.76



B.Ball Bearing
#191 005 0
6.35x16x5.0



C.Ball Bearing
#191 014 0
6.35x19x7.14



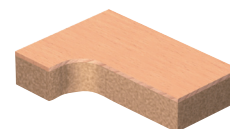
D.Ball Bearing
#191 020 0
12.7x19x4

E.Ball Bearing
#191 017 0
10x26x8

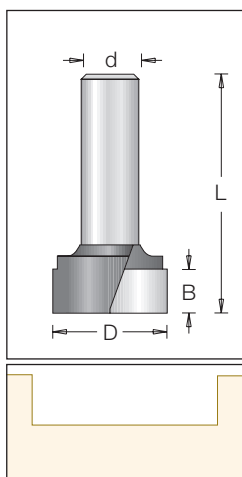
F.Ball Bearing
#191 018 0
12.7x28.6x8

G.Ball Bearing
#191 921 0
15x25.4x6

H.Ball Bearing
#191 922 0
15x31.8 x8.5

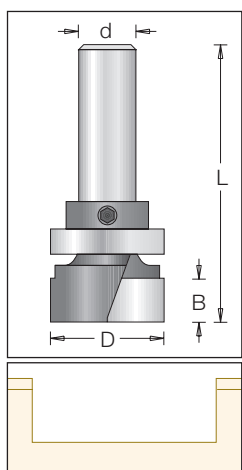


Bottom Cleaning Bit



øD	B	Code No.	L	ød
19.1	11.1	1640073	57.0	6
	11.1	1640079	63.5	12
25.4	11.1	1640149	64.0	12
38.1	16.0	1640189	69.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



øD	B	Code No.	L	ød	
19.1	11.1	1642073	57.0	6	A
	11.1	1642079	63.5	12	B
25.4	11.1	1642149	64.0	12	C
38.1	16.0	1642189	69.0	12	D

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 014 0
19x6.3x7



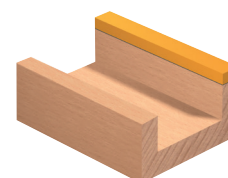
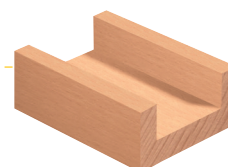
B.Ball Bearing
#191 020 0
19x12.7x4



C.Ball Bearing
#191 921 0
15x25.4x6



D.Ball Bearing
#191 922 1
15x38.1x9



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

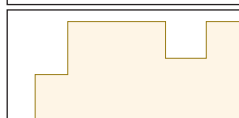
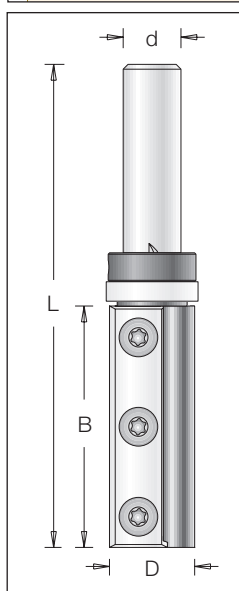
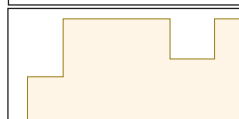
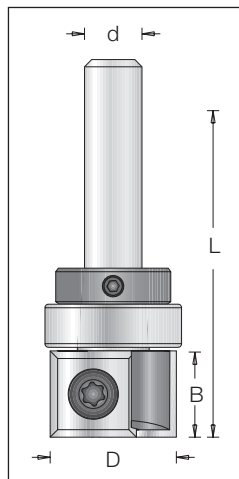


Frame &
Panel door



Carving

Straight Bit - Template Profile



øD	Code No.	B	L	ød
19	1073415	12	52.5	8
19	1073915	20	61.5	8
19	1073835	30	71.0	8

Spare Parts:



B=12 T.C. Blade
#310 121 2
12x12x1.5



D.Ball Bearing
#191 025 0
19x6x8



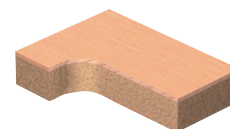
Torx screw
#193 148 0
M4x5.6



Torx key
#194 101 5
T15

B=20 #310 722 0
19.6x12x1.5

B=30 #310 723 0
29.5x12x1.5



øD	B	Code No.	L	ød
19	50	1073899	101.6	12

Spare Parts:



T.C. Blade
#310 735 0
50x12x1.7



Ball Bearing
#191 020 0
19x12.7x4

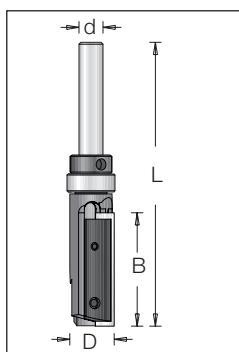


Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15

Straight Bit - Template Profile



øD	Code No.	B	L	ød
12.7	1073633	30	80	6
19.0	1073599	30	81	12

Spare Parts:



D=12.7 T.C. Blade
#310 751 2
12x7.5x1.5



T.C. Blade
#310 751 4
30x5.5x1.1



Wedge
#199 213 4
L=27



D.Ball Bearing
#191 003 0
12.7x6.35x4.7



Torx screw
#193 404 4
M2x4



Torx screw
#193 400 0
M3x4



Torx key
#194 110 0
T9



Allen key
#194 008 1
S1.5

D=19 #310 121 2
12x12x1.5

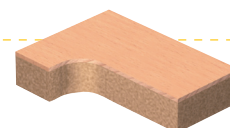
#310 751 4
30x5.5x1.1

#199 089 0
L=30

#191 020 0
19.12.7x4

#193 404 0
M3.5x6

#194 101 5
T15



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

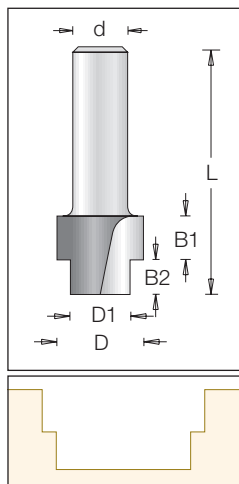


Frame &
Panel door



Carving

Stepped Rebate Bit



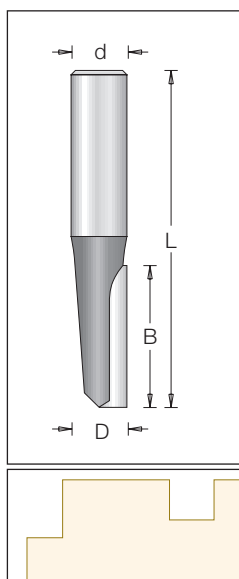
øD	øD1	Code No.	B1	B2	L	ød
19	9.5	1141083	12.7	6.3	47.6	6
19	12.7	1141093	9.5	6.3	50.8	6
22	14.0	1141109	8.0	9.5	57.0	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



Straight Bit - Single Tooth



øD	B	Code No.	L	ød
3.0	11.1	1250023*	51.0	6
3.2	11.1	1250013*	51.0	6
4.0	11.1	1250043*	51.0	6
4.8	11.1	1250073*	51.0	6
	12.7	1250103	51.0	6
6.3	19.1	1250133	51.0	6
	25.4	1250163	57.0	6
7.9	25.4	1250233	57.0	6
12.7	25.4	1250283	54.0	6
15.9	19.1	1250383	49.0	6
19.1	19.1	1250403	47.0	6
6.3	19.1	1250139	65.0	12
	25.4	1250169	68.5	12
7.9	19.1	1250199	63.5	12
	25.4	1250239	71.5	12
9.5	25.4	1250229	70.0	12
	31.8	1250259	76.0	12
	25.4	1250289	63.5	12
12.7	31.8	1250319	73.0	12
	38.1	1250349	79.0	12
	50.8	1250359	108.0	12



* Solid Carbide
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

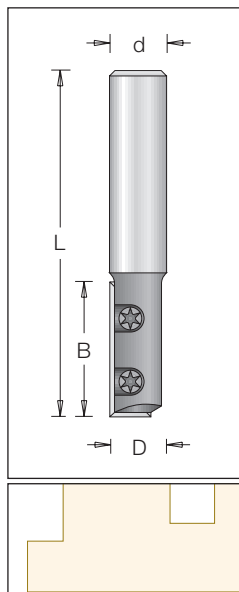


Frame &
Panel door



Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
12	30	1073509	77	12
14	30	1073549	77	12
15	30	1073559	77	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 793 0
9x30x1.5



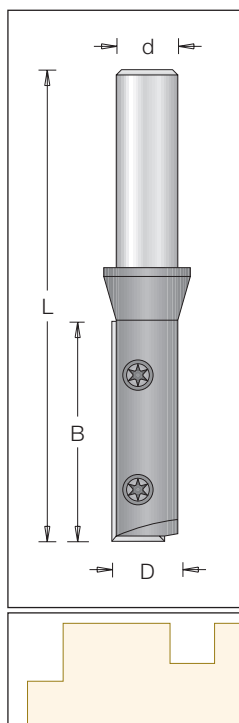
Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15



Straight and Plunge Bit



øD	B	Code No.	L	ød
16	50	1073609	107	12
18	50	1073649	107	12
20	50	1073689	107	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 725 0
50x12x1.5



Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

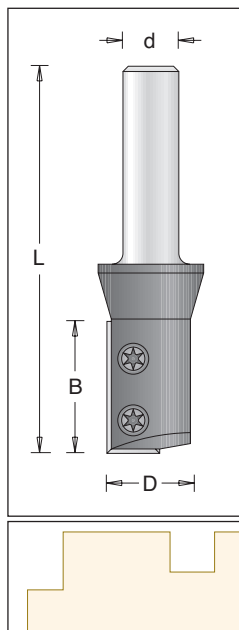


Frame &
Panel door



Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
16.0	30	1073589	88	12
18.0	30	1073629	88	12
20.0	30	1073669	88	12
22.0	30	1073709	88	12
15.9	30	1073829	88	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 723 0
30x12x1.5



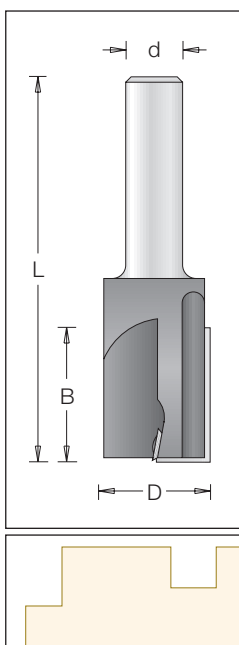
Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15



Straight and Plunge Bit



øD	B	Code No.	L	ød
25	30	1073789	86	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 723 0
30x12x1.5



T.C. Blade
#310 751 2
7.5x12x1.5



Torx screw
#193 354 8
M3.5x4.8



Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

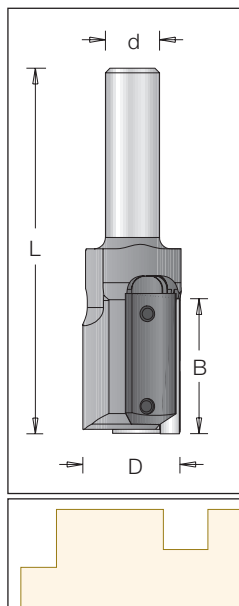


Frame &
Panel door

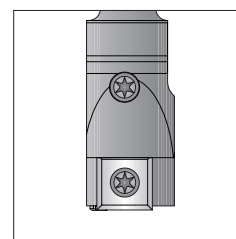
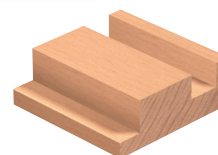


Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
9.52	20	1073459	70.0	12
10.0	20	1073159	70.0	12
12.0	30	1073289	80.0	12
12.7	30	1073469	80.0	12
12.7	50	1073479	100.0	12
14.0	30	1073439	80.0	12
16.0	30	1073619	80.8	12
16.0	50	1073219	101.0	12
18.0	30	1073449	80.0	12
19.0	30	1073489	81.0	12
19.0	50	1073499	105.0	12
20.0	30	1073239	81.5	12
22.0	30	1073259	81.0	12
24.0	30	1073279	81.0	12
26.0	30	1073399	81.0	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade



T.C. Blade



Wedge



Torx screw



Torx screw



Torx key



Torx key

107 345 9	#310 751 7 20x5.5x1.1		#199 213 2 L=17	#193 404 5 M2x4		#194 009 2 T6
107 315 9	#310 751 7 20x5.5x1.1		#199 213 3 L=17	#193 404 5 M2x4		#194 009 2 T6
107 328 9	#310 751 4 30x5.5x1.1	#310 751 2 12x7.5x1.5	#199 213 4 L=27	#193 400 2 M3x5	#193 400 0 M3x4	#194 110 0 T9
107 346 9	#310 751 4 30x5.5x1.1	#310 751 2 12x7.5x1.5	#199 213 4 L=27	#193 400 2 M3x5	#193 400 0 M3x4	#194 110 0 T9
107 347 9	#310 751 5 50x5.5x1.1	#310 751 2 12x7.5x1.5	#199 213 5 L=47	#193 400 2 M3x5	#193 400 0 M3x4	#194 110 0 T9
107 343 9	#310 751 4 30x5.5x1.1	#310 751 2 12x7.5x1.5	#199 213 6 L=27	#193 404 0 M3.5x6		#194 101 5 T15
107 361 9	#310 751 4 30x5.5x1.1	#310 121 2 12x12x1.5	#199 213 0 L=29.6	#193 404 0 M3.5x6	#193 354 8 M3.5x4.8	#194 101 5 T15
107 321 9	#310 751 5 50x5.5x1.1	#310 121 2 12x12x1.5	#199 213 1 L=49.6	#193 404 0 M3.5x6	#193 354 8 M3.5x4.8	#194 101 5 T15
107 344 9	#310 751 4 30x5.5x1.1	#310 121 2 12x12x1.5	#199 213 7 L=27	#193 404 0 M3.5x6		#194 101 5 T15
107 348 9	#310 751 4 30x5.5x1.1	#310 121 2 12x12x1.5	#199 089 0 L=27	#193 404 0 M3.5x6		#194 101 5 T15
107 349 9	#310 751 5 50x5.5x1.1	#310 121 2 12x12x1.5	#199 213 8 L=48.8	#193 404 0 M3.5x6		#194 101 5 T15
107 323 9	#310 751 4 30x5.5x1.1	#310 121 2 12x12x1.5	#199 089 0 L=27	#193 404 0 M3.5x6	#193 404 1 M3.5x8	#194 101 5 T15
107 325 9	#310 751 4 30x5.5x1.1	#310 121 2 12x12x1.5	#199 089 0 L=27	#193 404 0 M3.5x6	#193 404 1 M3.5x8	#194 101 5 T15

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

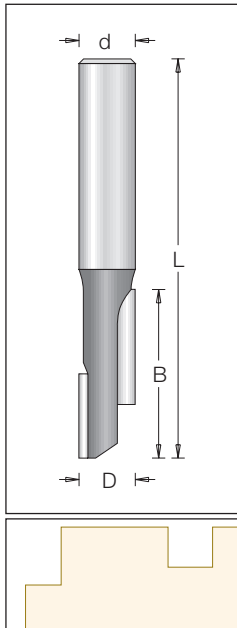


Frame &
Panel door



Carving

Staggered Straight Bit



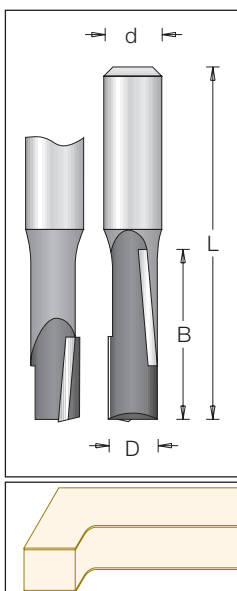
øD	B	Code No.	L	ød
12.7	38.1	1260109	79.4	12
	54	1260149	108	12
16	51	1260239	103	12



Can be supplied with 1/2" shank.



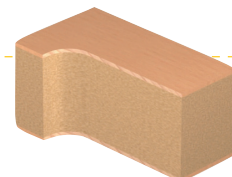
Staggered Straight Shear Bit



øD	B	Code No.	L	ød
12.7	38.1	1260109s	79	12
	54	1260149s	108	12



Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

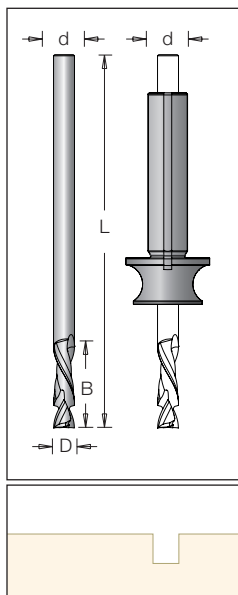


Frame &
Panel door

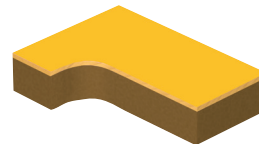


Carving

Solid Carbide Up & Down Spiral Bit



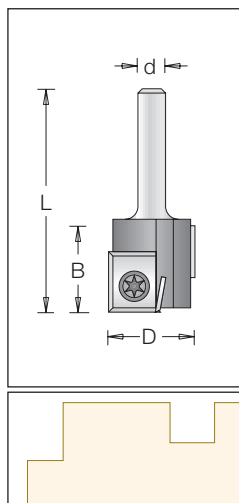
øD	B	Code No.	L	ød
3.2	21	174107Z	63.5	3.2



Reduction Bushing

Set No.		Code No.	ød
1749 12 3	Reduction Bushing 3.2-6	1927123	6.0
	2 Routers	174107Z	3.2
1749 12 4	Reduction Bushing 3.2-6.35	1927124	6.35
	2 Routers	174107Z	3.2
1749 12 5	Reduction Bushing 3.2-8	1927125	8.0
	2 Routers	174107Z	3.2

Staggered Straight & Plunge Bit



øD	B	Code No.	L	ød
18	20	1073063	52	6
	20	1073065	52	8
	20	1073069	60	12
20	20	1073073	52	6
	20	1073075	52	8
	20	1073083	52	6
22	20	1073085	52	8
	20	1073089	60	12



⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.
The plunge teeth is brazed

Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

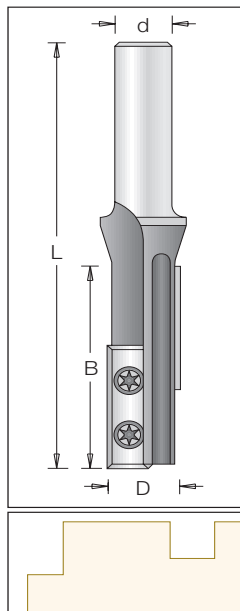


Frame &
Panel door



Carving

Staggered Straight Bit



øD	B	Code No.	L	ød
16	50	1073149*	107	12
18	50	1073189	107	12
20	50	1073229	107	12



Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade *
310 793 0
30x9x1.5



Torx screw *
193 354 8
M3.5x4.8



T.C. Blade
310 723 0
30x12x1.5



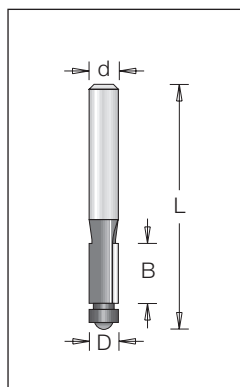
Torx screw
193 148 2
M4xS6



Torx key
194 101 5
T15



Flush Trimmer Bit



øD	B	Code No.	Flutes	L	ød
6.35	12.7	1011013	2	52	6
	25.4	1011003	2	65	6

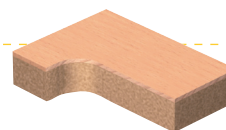


Can be supplied with 1/4" shank.

Spare Parts:



A.Ball Bearing
#191 002 0
3.17x6.35x2.8



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

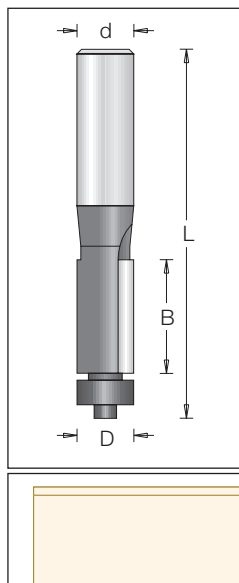


Frame &
Panel door

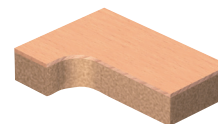


Carving

Flush Trimmer Bit



øD	B	Code No.	Teeth	L	ød	
9.5	12.7	1010013	2	56	6.0	A
	12.7	1010015	2	59	8.0	A
	25.4	1010043	2	69	6.0	A
	25.4	1010045	2	72	8.0	A
12.7	6.3	1010473	2	53	6.0	B
	6.3	1010475	2	53	8.0	B
	12.7	1010073	2	56	6.0	B
	12.7	1010075	2	60	8.0	B
	25.4	1010103	2	67	6.0	B
	25.4	1010105	2	71	8.0	B
	25.4	1010106	2	74	9.5	B
	12.7	1010079	2	71	12.0	B
	25.4	1010109	2	84	12.0	B
	38.1	1010169	2	99	12.0	B
19.1	51.0	1010199	2	108	12.0	B
	25.4	1014179	2	83	12.0	C
	12.7	1010223	3	56	6.0	B
	25.4	1010253	3	67	6.0	B
	12.7	1010229	3	71	12.0	B
	25.4	1010259	3	84	12.0	B
	38.1	1010289	3	100	12.0	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 004 0
9.5x4.7x3.1

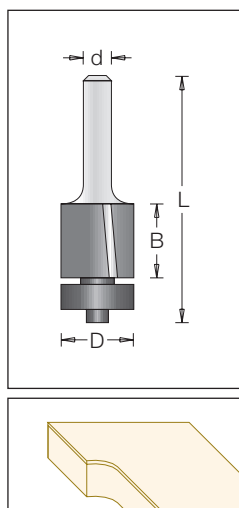


B.Ball Bearing
#191 007 0
12.7x4.7x5

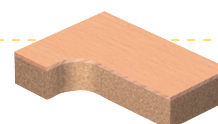


C.Ball Bearing
#191 014 0
19x6.3x7

Flush Trimmer Bit - Shear Angle



øD	B	Code No.		L	ød	
16.0	16.0	1010133	Down cut	56.0	6	A
	16.0	1010135	Down cut	60.0	8	A
19.1	16.0	1010153	Down cut	61.0	6	B
	16.0	1010155	Down cut	64.0	8	B
	25.4	1010185	Down cut	75.0	8	B
	25.4	1010183	Down cut	72.0	6	B
19.1	38.1	1013019	Up cut	98.4	12	B
	50.8	1013029	Up cut	108.0	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 010 0
5x16x5



B.Ball Bearing
#191 014 0
6.4x19.05x7.1

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

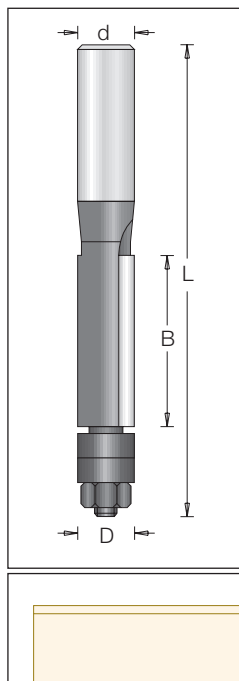


Frame &
Panel door



Carving

Flush Trimmer Bit - Double Bearing



øD	B	Code No.	Teeth	L	ød
12.7	38.1	1010179	2	103.5	12
	51	1010209	2	116.7	12
12.7	38.1	1010309	3	103.5	12



Can be supplied with 1/2" shank.

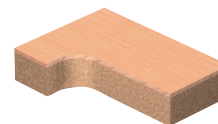
Spare Parts:



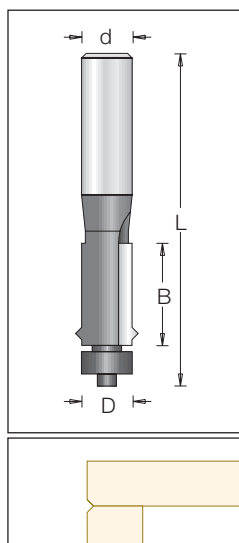
Ball Bearing
#191 007 0
4.7x12.7x5



Nut
#198 001 0
NC3/16



Flush Trimmer - V Groove Bit



øD	B	Code No.	Flutes	L	ød
12.7	25.4	1010113	2	67	6
	25.4	1010119	2	83	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
4.7x12.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

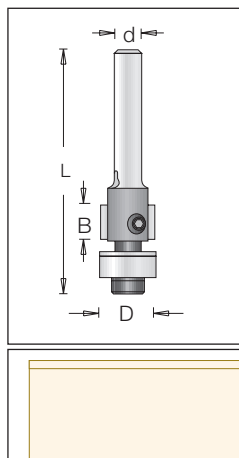


Frame &
Panel door



Carving

Flush Trimming Bit



øD	B	Code No.	L	ød
12.7	8.5	1019103	57	6

⚠ Can be supplied with 1/4" shank.

Spare Parts:



T.C. Blade
#310 150 1
8.5x5.5x1.1



Ball Bearing
#191 007 0
4.7x12.7x5



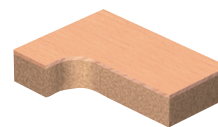
Allen screw
#193 036 0
M3x5



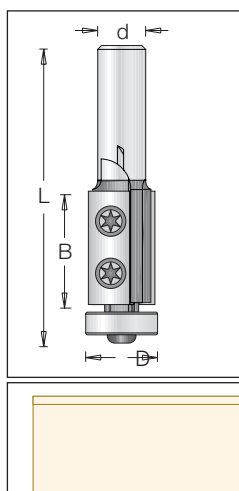
Allen screw
#193 033 0
M3x6



Allen key
#194 102 0
S1.5



Flush Trimming Bit



øD	B	Code No.	L	ød
19	12	1019403*	52	6
	12	1019405*	57	8
	30	1019443	70	6
	30	1019445	72	8
	30	1019449	78	12
	50	1019479**	99	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade*
#310 121 2
12x12x1.5



T.C. Blade
#310 123 0
30x12x1.5



T.C. Blade**
#310 735 0
50x12x1.7



Ball Bearing
#191 012 0
19x6x6



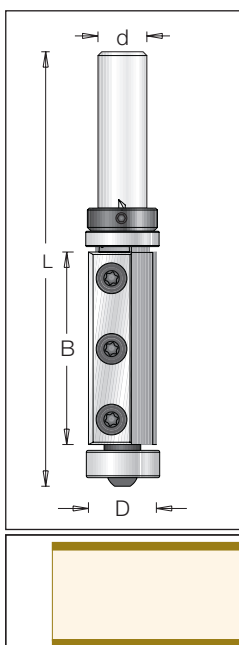
Torx screw
#193 148 2
M - 4x5.6



Torx key
#194 101 5
T - 15



Flush Trimming Bit



øD	B	Code No.	L	ød
19	50	1019579	112.8	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 735 0
50x12x1.7



Ball Bearing
#191 020 0
19x12.7x4



Ball Bearing
#191 014 0
19.5x6.35x7.14



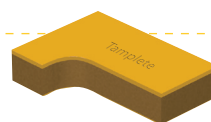
Allen screw
#193 077 0
M4x12



Allen screw
#193 148 2
M4x5.6



Allen key
#194 101 5
T15



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

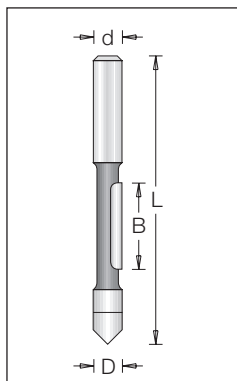


Frame &
Panel door



Carving

Panel Pilot Bit



øD	B	Code No.	L	ød
6.3	19.1	1150015*	63.5	6.0
	19.1	1150046*	63.5	8.0
9.5	25.4	1150079*	76.2	9.5
12.7	30.1	1153079**	88.9	12.0

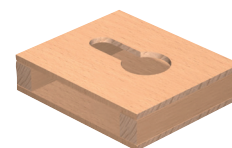


* Single Fluted

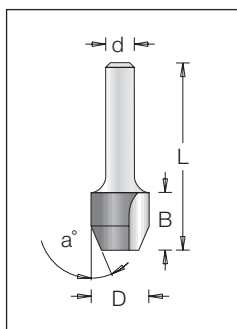
** Double Fluted

6mm shank can be supplied with 1/4" shank.

12mm shank can be supplied with 1/2" shank.



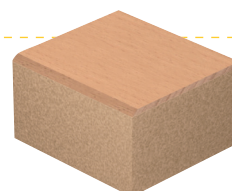
Combi Trimmer Bit - Flush & Bevel



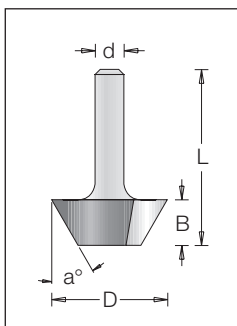
øD	a	B	Code No.	L	ød
8.7	23°	12.7	1100193	41.3	6
9.5	23°	12.7	1100163	41.3	6
	23°	12.7	1100013	41.3	6
12.7	30°	12.7	1100043	41.3	6
	30°	12.7	1100045	44.3	8



6mm Can be supplied with 1/4" shank.



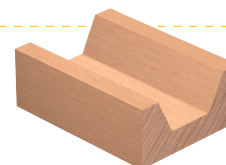
Bevel Bit



øD	a	B	Code No.	L	ød
12.7	15°	12.7	1030093	51.0	6
	23°	10.0	1030013	38.5	6
22.2	23°	10.0	1030015	42.5	8
	30°	10.0	1030043	38.5	6
25.4	30°	10.0	1030045	42.0	8
	45°	6.3	1030065	38.5	8
24.2	45°	10.0	1030073	38.5	6
	45°	10.0	1030075	42.0	8



6mm Can be supplied with 1/4" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

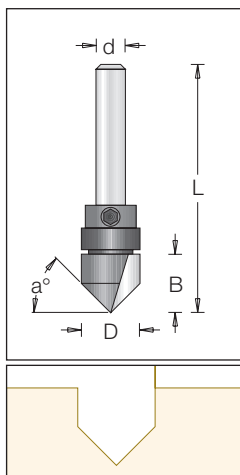


Frame &
Panel door



Carving

V Groove Bit



øD	a	B	Code No.	L	ød
12.7	45°	12.7	1052103	52	6

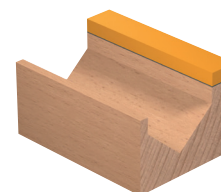


Can be supplied with 1/4" shank.

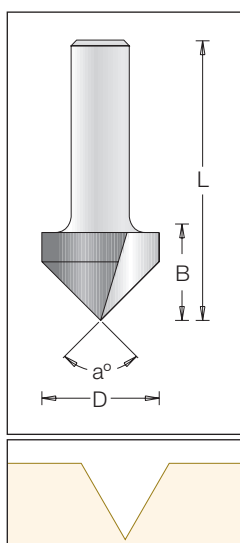
Spare Parts:



Ball Bearing
#191 003 0
12.7x3.6x4.7



V Groove Bit

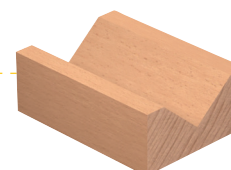


øD	a	B	Code No.	L	ød
9.5	90°	11.0	1050013	42.0	6
	90°	11.0	1050015	45.0	8
12.7	60°	16.0	1050043	44.5	6
	60°	16.0	1050045	47.5	8
	90°	12.7	1050103	41.5	6
16.0	90°	12.7	1050105	44.0	8
	90°	12.7	1050133	41.3	6
19.1	90°	12.7	1050135	45.0	8
	90°	16.0	1050163	45.0	6
22.2	90°	16.0	1050165	48.0	8
	90°	19.1	1050173	48.0	6
25.4	90°	19.1	1050193	48.0	6
	90°	19.1	1050195	51.0	8
9.5	90°	11.0	1050019	52.0	12
12.7	90°	12.7	1050109	55.0	12
16.0	90°	12.7	1050139	51.0	12
19.1	90°	16.0	1050169	54.0	12
25.4	90°	19.1	1050199	57.0	12
31.8	90°	25.4	1050229	63.5	12
38.1	90°	31.8	1050259	70.0	12
51.0	90°	44.5	1050319	83.0	12

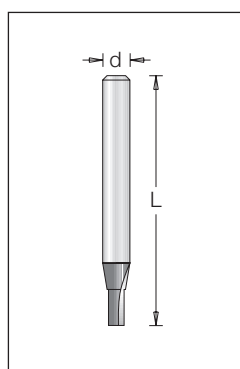


6mm shank can be supplied with 1/4" shank.

12mm shank can be supplied with 1/2" shank.



Seal Straight Bit

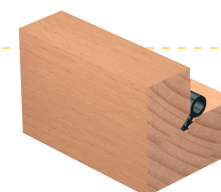
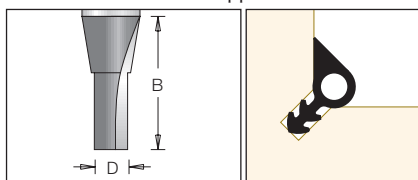


øD	B	Code No.	L	ød
3	8	1078023	55	6
	8	1078025	48	8



Solid Carbide

6mm Can be supplied with 1/4" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

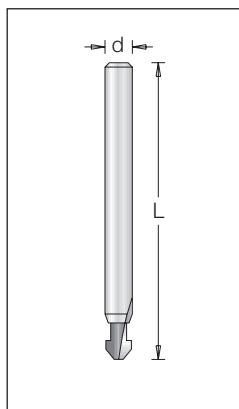


Frame &
Panel door



Carving

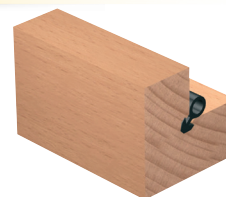
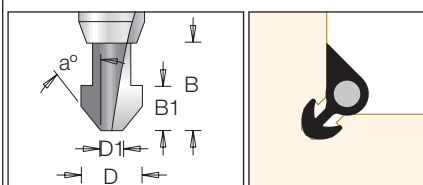
Seal Profile Bit



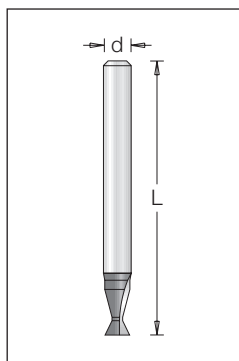
ϕD	$\phi D1$	Code No.	B	B1	a	L	ϕd
5.5	2	1041013	8	4	38°	65	6



Solid Carbide
Can be supplied with 1/4" shank.



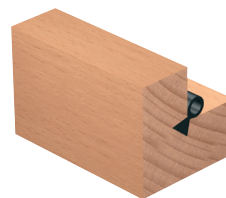
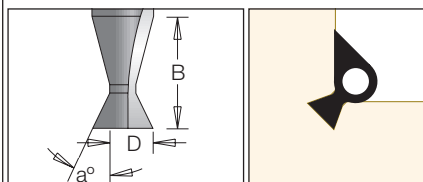
Dovetail Seal Bit



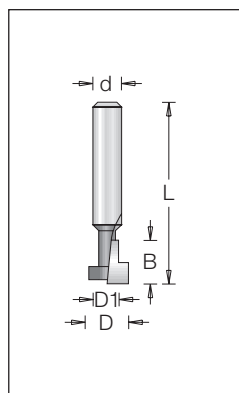
ϕD	a	B	Code No.	L	ϕd
5.1	25°	8	1043003	60	6



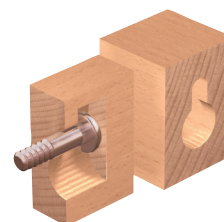
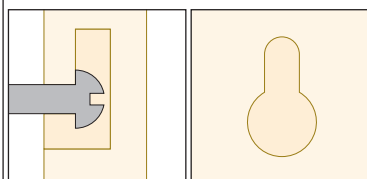
Solid Carbide



Keyhole Slot Cutter - Single Fluted



ϕD	$\phi D1$	B	Code No.	L	ϕd
9.7	5	9.5	1141013	40.0	6
	5	9.5	1141015	47.0	8
12.7	8	9.5	1141033	38.1	6
	8	9.5	1141035	38.1	8



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

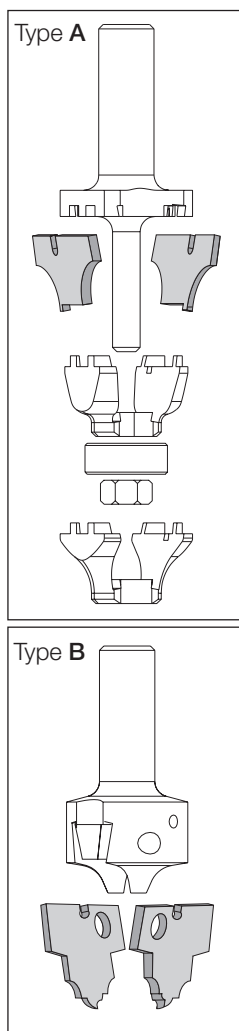


Frame &
Panel door



Carving

Multi Profile Router



Multi Profile Router Gives You A Wide Range Of Profiling Options in a Single Router Bit With Replaceable Carbide Tips.

Durability: Replaceable blades are harder, stronger, longer lasting and offer better performance with abrasive materials.

Versatility: One tool gives you a wide range of profiling options, that can be used with portable or industrial CNC machinery.

Safety: Designed for chip limitation with additional protective shield.

Service-Free: The tool does not need sharpening, providing consistent profiles with no loss of work time.

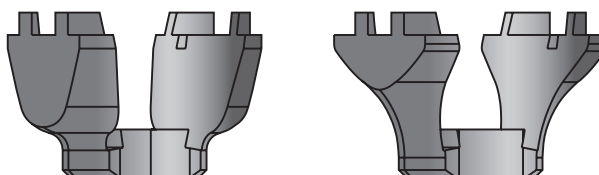
Patent Pending #129720

Type	Max. D	Code No.	L	ød
A	38	8081019	75	12
	38	8081015	69	8
	38	8081013	69	6
B	28	8080019	59	12
	28	8080015	53	8
	28	8080013	53	6

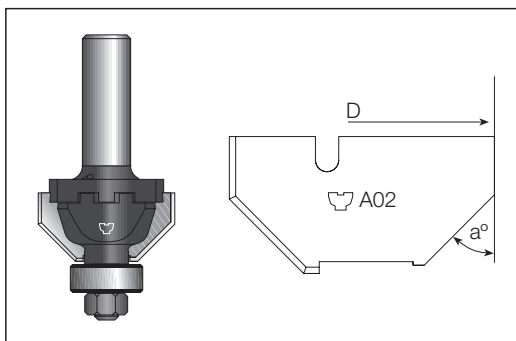


6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

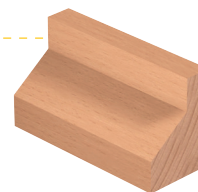
Each replaceable carbide tip and its safety shield have identical markings to ensure correct use of shield only with its corresponding carbide tip.



T.C. Blade for Multi Profile Router Type A



	Code No.	øD	a°
A01	3511805	35.0	30°
A02	3511810	38.0	45°



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

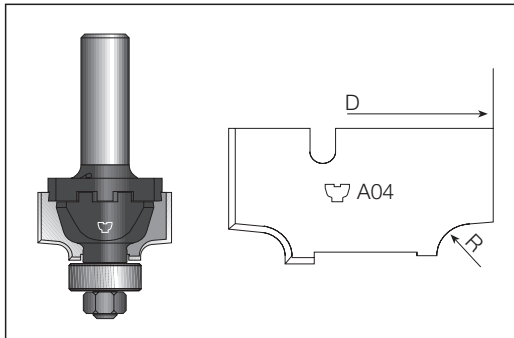


Frame &
Panel door

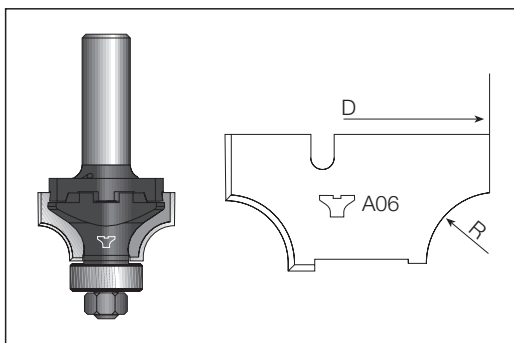
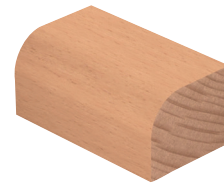


Carving

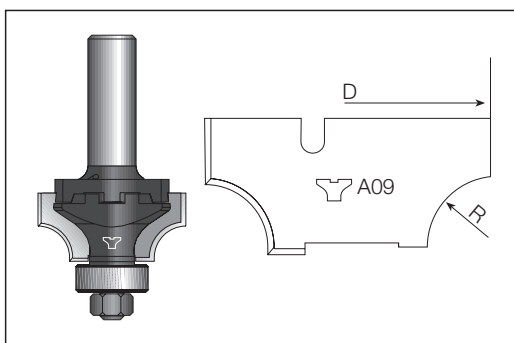
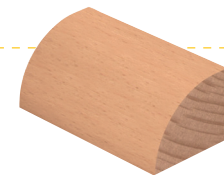
T.C. Blade for Multi Profile Router Type A



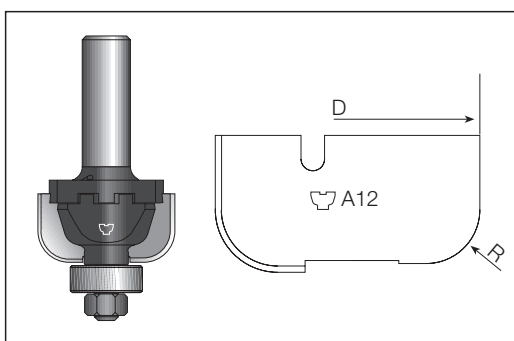
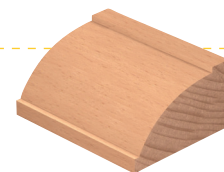
	Code No.	øD	R
A03	3510905	35	3.2
A04	3510910	35	4.8



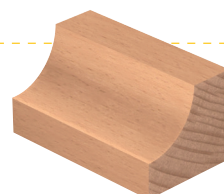
	Code No.	øD	R
A05	3510915	35	6.35
A06	3510920	35	7.90
A07	3510925	38	9.50



	Code No.	øD	R
A08	3511905	35	4.80
A09	3511910	35	6.35
A10	3511915	38	7.90



	Code No.	øD	R
A08	3511905	35	4.80
A09	3511910	35	6.35
A10	3511915	38	7.90



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

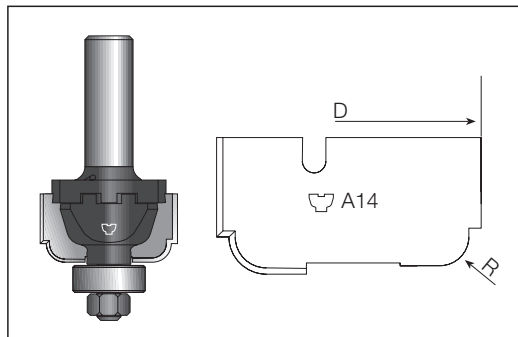


Frame &
Panel door

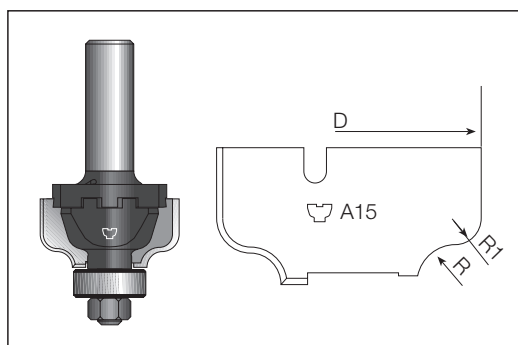
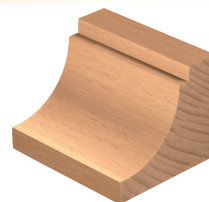


Carving

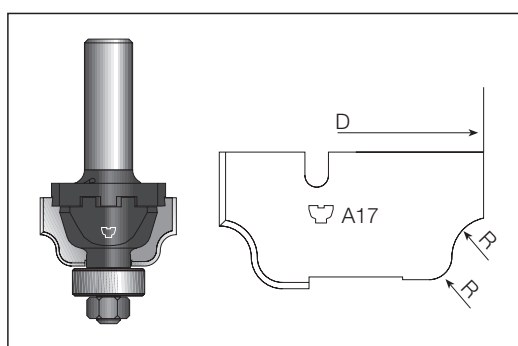
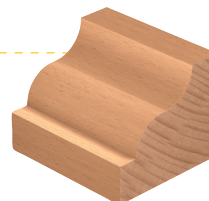
T.C. Blade for Multi Profile Router Type A



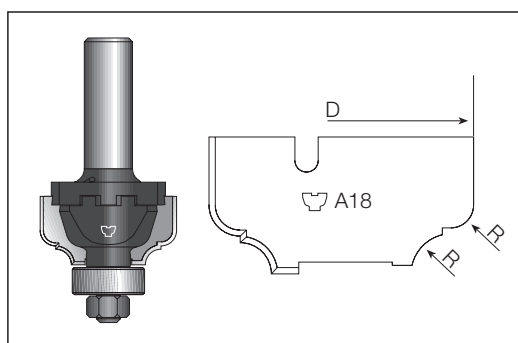
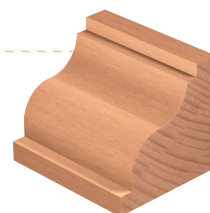
	Code No.	øD	R
A14	3514005	35	4.8



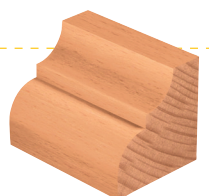
	Code No.	øD	R	R1
A15	3513805	36	4.0	4.5
A16	3513810	38	4.0	4.5



	Code No.	øD	R
A17	3511305	35	4.0/4.0



	Code No.	øD	R
A18	3513505	35	4.0/4.0
A19	3513510	38	4.0/4.0



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

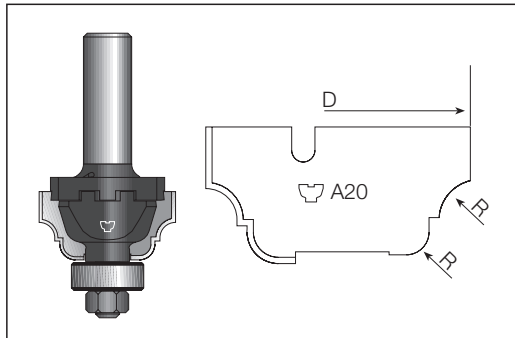


Frame &
Panel door

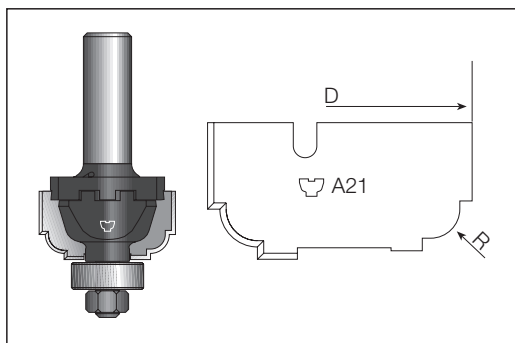


Carving

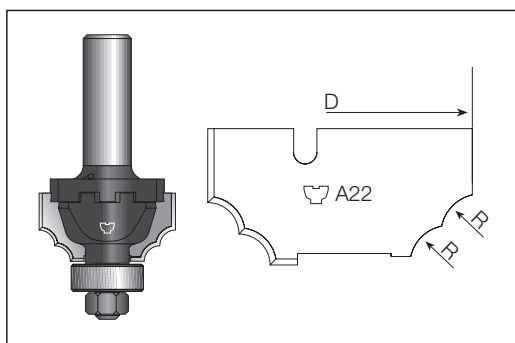
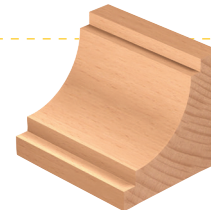
T.C. Blade for Multi Profile Router Type A



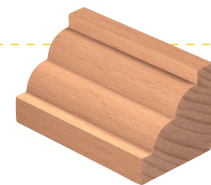
	Code No.	øD	R
A20	3513405	38	4.0/4.0



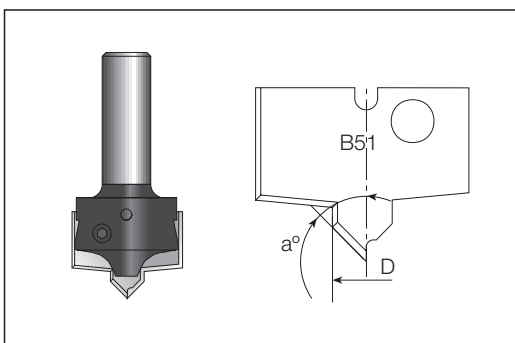
	Code No.	øD	R	R1
A21	3513905	35	4.8	4.5



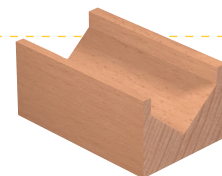
	Code No.	øD	R
A22	3513605	35	4.0/4.0
A23	3513610	38	4.0/4.0



T.C. Blade for Multi Profile Router Type B



	Code No.	øD	a°
B51	3510510	9.5	45°



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

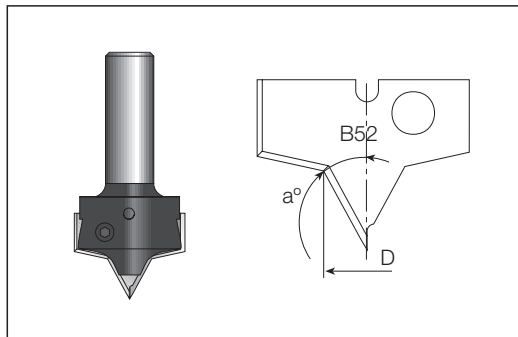


Frame &
Panel door

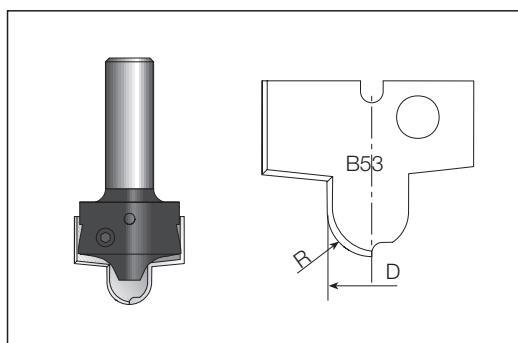
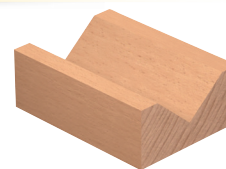


Carving

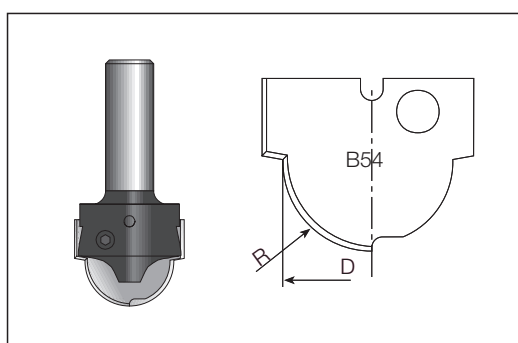
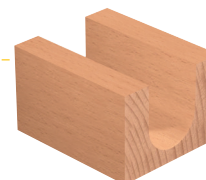
T.C. Blade for Multi Profile Router Type B



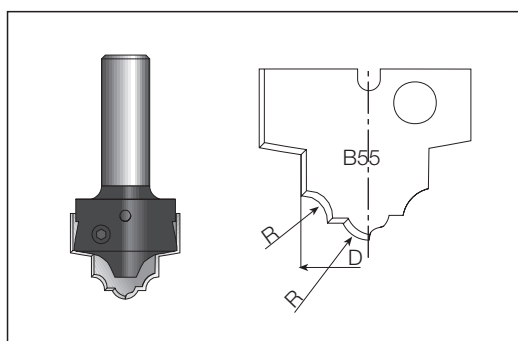
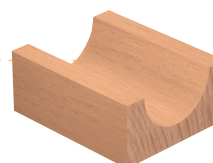
	Code No.	øD	a°
B52	3510505	12.7	30°



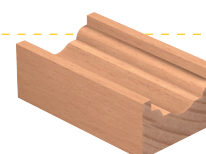
	Code No.	øD	R
B53	3510605	12.7	6.35



	Code No.	øD	R
B54	3510610	25.4	12.7



	Code No.	øD	R
B55	3513105	19.1	4.0/4.0



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

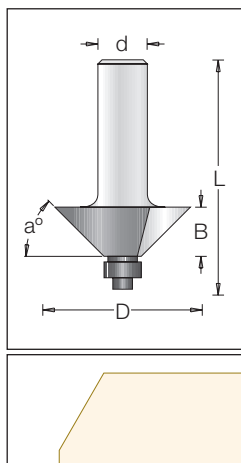


Frame &
Panel door



Carving

Bevel Bit



øD	a	B	Code No.	L	ød	
31.8	45°	12.7	1180013	51.0	6	A
	45°	12.7	1180015	54.5	8	A
	45°	12.7	1180019	60.0	12	A
50.8	45°	19.1	1180049	69.0	12	B
60.5	45°	25.4	1180079	74.0	12	B
34.9	60°	20.6	1181003	61.0	6	B
	60°	20.6	1181009	71.0	12	B
76.2	45°	25.4	1180099	90.0	12	C

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 001 0
3/8x1/4x4



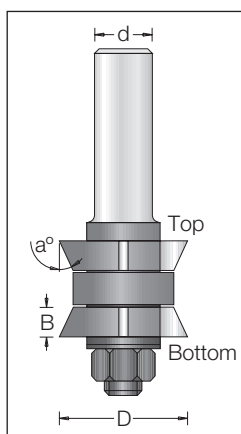
B.Ball Bearing
#191 007 0
12.7x4.7x5



C.Ball Bearing
#191 972 0
25.4x6.3x9.1



Adjustable Trimmer



øD	a	Code No.	L	ød
22.0	0°	1161019 (1 cutter)	76	12
25.4	15°	1161049 (1 cutter)	76	12
27.0	25°	1161079 (1 cutter)	76	12
34.0	45°	1160219 (2 cutters) *	96	12
	45°	1161209 (1 cutter)	76	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



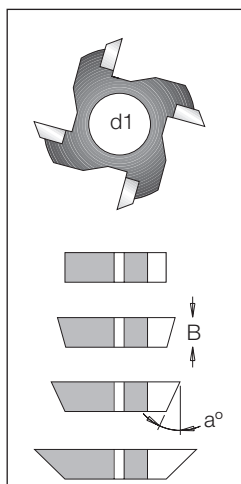
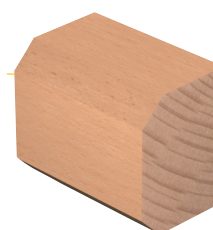
Arbor & Nut
#190 004 9
L=76



Arbor & Nut *
#190 009 9
L=96



Ball Bearing
#191 013 0
8x22x7



øD	a	B	Cutter No.	ød1
22.0	0°	6.5	1160010	7.94
25.4	15°	6.5	1160040	7.94
27.0	25°	6.5	1160070	7.94
34.0	45°	6.5	1160200	7.94
	45°	6.5	1160210	7.94

ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

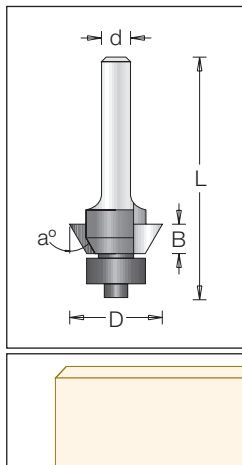


Frame &
Panel door



Carving

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød
15.9	15°	6.3	1020043	53	6
	15°	6.3	1020045	53	8
19.1	25°	6.3	1020073	53	6

⚠ 6mm Can be supplied with 1/4" shank.

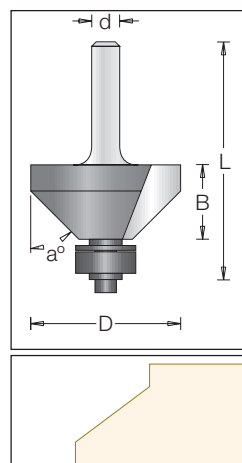
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Bevel Trimmer Bit



øD	a	B	Code No.	L	ød	
22.2	45°	6.3	1020103	47.0	6	A
	45°	6.3	1020105	50.0	8	A
24.0	15°	9.5	1020053	53.0	6	A
	15°	9.5	1020055	56.5	8	A
35.0	45°	18.0	1020123	57.0	6	B
	45°	18.0	1020129	67.0	12	B

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

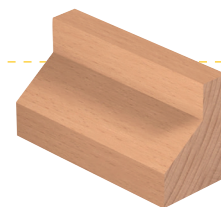
Spare Parts:



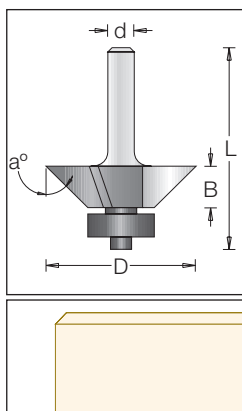
A.Ball Bearing
#191 014 0
19x6.3x7



B.Ball Bearing
#191 007 0
12.7x4.7x5



Bevel Trimmer Bit Three Fluted



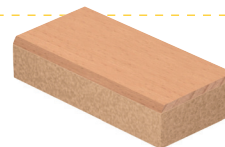
øD	a	B	Code No.	L	ød
17.5	10°	10	1410013	49	6
19	15°	10	1410043	49	6
	15°	10	1410045	53	8
22.2	25°	10	1410073	50	6
	25°	10	1410075	53	8
30	45°	10	1410103	50	6
	45°	10	1410105	53	8

⚠ 6mm Can be supplied with 1/4" shank.

Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

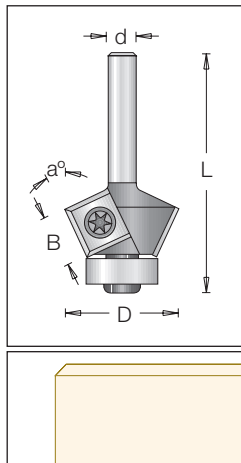


Frame &
Panel door



Carving

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød
20	15°	12	1021523	55	6
	15°	12	1021525	55	8
24	25°	12	1022523	55	6
	25°	12	1022525	55	8
26	30°	12	1023023	54	6



⚠ 6mm Can be supplied with 1/4" shank.

Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



Torx screw
#193 148 2
M4x5.6

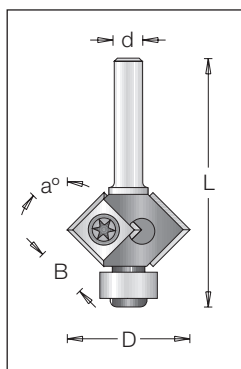


Ball Bearing
#191 005 0
16x6.3x4.7



Torx key
#194 101 5
T15

Bevel Trimming Bit



øD	a	B	Code No.	L	ød
27	45°	12	102452 3	56	6
	45°	12	102452 5	58	8



⚠ 6mm Can be supplied with 1/4" shank.

Spare Parts:



T.C. Blade
310 121 2
12x12x1.5



Torx screw
193 148 2
M4x5.6

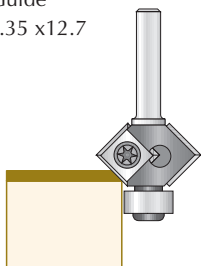


Ball Bearing
191 003 0
6.3x12.7x4.7

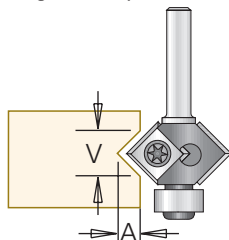


Torx key
194 101 5
T15

Chamfering 45°
With Ball Bearing
Guide
6.35 x12.7

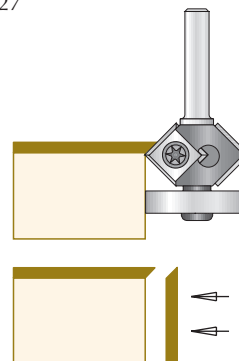


Application "v" groove. By putting different ball bearings, you can adjust the groove depth as follows:
6.35 x 16
6.35 x19



Code No.	Description	A	V
1910030	6.35 x12.7 x 4.76	7.0mm	14.0mm
1910050	6.35 x 16 x 4.76	5.0mm	10.0mm
1910140	6.35 x19 x 7	3.2mm	6.4mm
1919370	6.35 x 27 x 5	3.2mm	6.4mm

45° miter joint undercutter assembly
with delrin guide
6.35 x 27



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

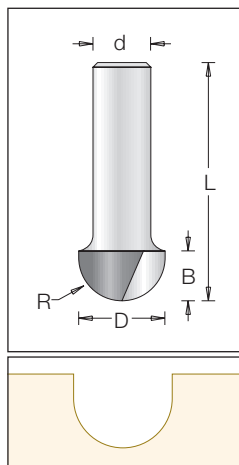


Frame &
Panel door

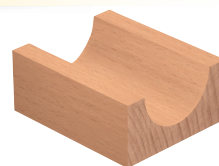


Carving

Core Box Bit

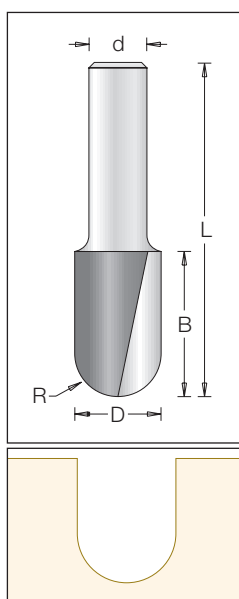


øD	R	B	Code No.	L	ød
9.5	4.8	6.3	1060093	38.0	6
	4.8	6.3	1060095	42.5	8
12.7	6.3	9.5	1060123	38.0	6
	6.3	9.5	1060125	41.5	8
15.9	7.9	11.0	1060153	40.0	6
	7.9	11.0	1060155	43.5	8
19.1	9.5	11.0	1060183	40.0	6
	9.5	11.0	1060185	43.0	8
22.2	11.0	13.8	1060215	46.0	8
25.4	12.7	17.5	1060243	46.5	6
	12.7	17.5	1060245	50.0	8
9.5	4.8	6.3	1060099	52.0	12
12.7	6.3	9.5	1060129	55.5	12
15.9	7.9	11.0	1060159	51.0	12
19.1	9.5	11.0	1060189	49.5	12
22.2	11.0	13.8	1060219	52.0	12
25.4	12.7	17.5	1060249	56.0	12
32.0	16.0	32.0	1060339	70.0	12
38.1	19.1	32.0	1060379	70.0	12
50.8	25.4	32.0	1060409	70.0	12

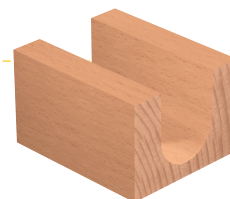


6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Core Box Bit



øD	R	B	Code No.	L	ød
3.2	1.6	9.5	1060013*	44.0	6
	1.6	9.5	1060015*	44.0	8
4.8	2.4	11.0	1060033*	47.0	6
	2.4	11.0	1060035*	47.0	8
6.3	3.2	11.0	1060063*	47.0	6
	3.2	11.0	1060065*	47.0	8
8.0	4.0	12.7	1060073	47.0	6
	4.0	12.7	1060075	50.0	8
14.0	7.0	18.0	1060173	46.5	6
	7.0	18.0	1060179	60.0	12
18.0	9.0	19.0	1060203	48.0	6
9.5	4.8	25.4	1060119	70.0	12
12.7	6.3	32.0	1060139	73.0	12
14.2	7.1	32.0	1060149	73.0	12
16.0	8.0	32.0	1060169	70.0	12
19.1	9.5	32.0	1060199	70.0	12
22.2	11.1	32.0	1060299	70.0	12
25.4	12.7	32.0	1060309	70.0	12



* Solid Carbide
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

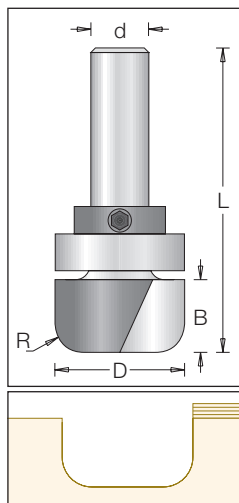


Frame &
Panel door



Carving

Dish Carving Bit



øD	R	B	Code No.	L	ød	
12.7	3.0	12.7	1062623	54	6	A
19.1	6.5	16.0	1062633	60	6	B
	6.5	16.0	1062639	67	12	C
28.6	6.5	16.0	1062699	67	12	D



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A. Ball Bearing
#191 003 0
6.35 x 12.7 x 4.76



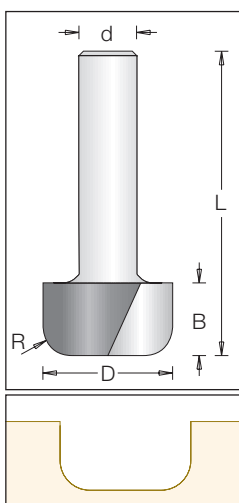
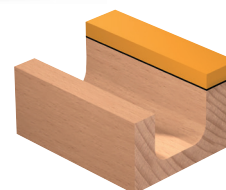
B. Ball Bearing
#191 014 0
6.35 x 19 x 7



C. Ball Bearing
#191 020 0
12.7 x 19 x 4



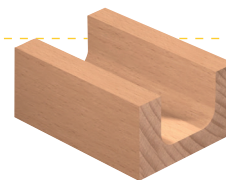
D. Ball Bearing
#191 018 0
12.7 x 28.6 x 12



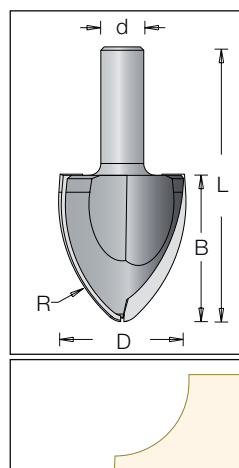
øD	R	B	Code No.	L	ød
11.0	3.0	12.7	1060603	54	6
12.7	3.0	12.7	1060623	54	6
19.1	6.5	16.0	1060633	60	6
	6.5	16.0	1060639	67	12
28.6	6.5	16.0	1060699	67	12



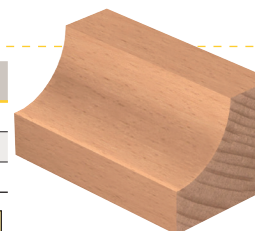
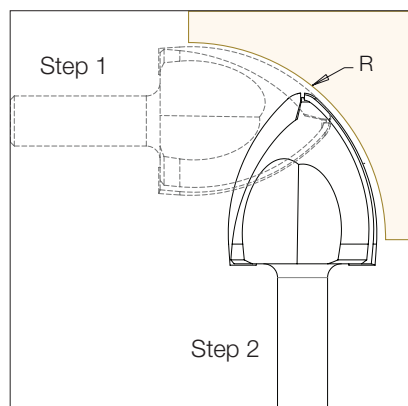
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



Large Radius



øD	R	B	Code No.	L	ød
40	50	44	1060459	82	12
46	60	51	1060469	89	12
52	70	55	1060449	97	12



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

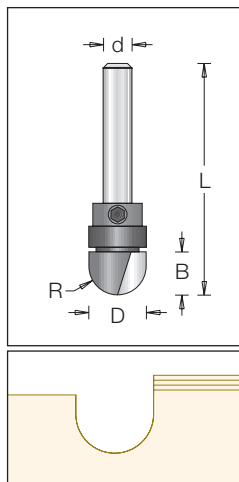


Frame &
Panel door



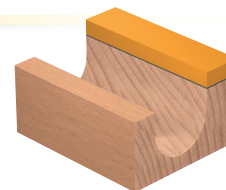
Carving

Core Box Bit

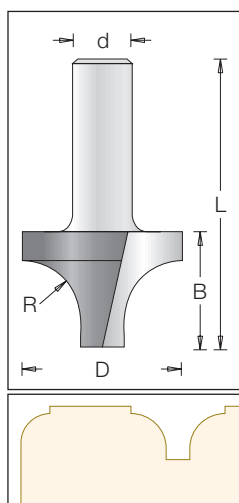


øD	R	B	Code No.	L	ød
12.7	6.35	9.5	1062123	51	6

⚠ Can be supplied with 1/4" shank.



Rounding Over Bit

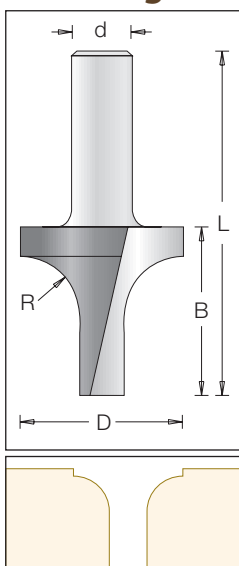


øD	R	B	Code No.	L	ød
19.1	6.3	12.7	1170013	41.0	6
	6.3	12.7	1170015	44.5	8
22.2	7.9	14.3	1170043	43.0	6
	7.9	14.3	1170045	46.5	8
25.4	9.5	15.9	1170073	44.0	6
	9.5	15.9	1170075	47.5	8
15.9	4.8	11.1	1170039	49.0	12
19.1	6.3	12.7	1170019	51.0	12
22.2	7.9	14.3	1170049	52.5	12
25.4	9.5	15.9	1170079	54.0	12
34.9	12.7	25.4	1170105	57.5	8
	12.7	25.4	1170109	63.5	12
44.5	15.9	31.8	1170139	70.0	12
50.8	19.1	36.5	1170179	75.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

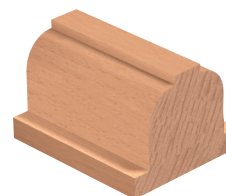


Rounding Over Bit



øD	øD1	R	B	Code No.	L	ød
22	12	3	31	1171509	69	12
30	12	6	35	1171559	73	12
34	12	8	38	1171609	76	12

⚠ Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

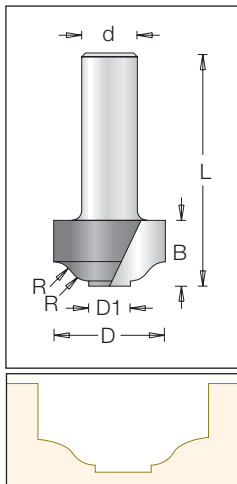


Frame &
Panel door



Carving

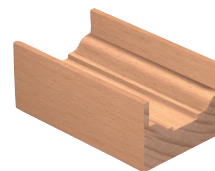
Ogee Bit



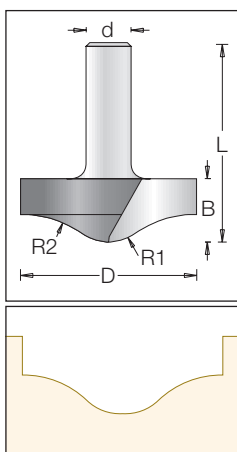
ϕD	$\phi D1$	R	B	Code No.	L	ϕd
25.4	9.5	4.8	15.1	1473059	53.2	12
30.2	11.9	5.9	15.1	1473109	53.2	12



Can be supplied with 1/2" shank.



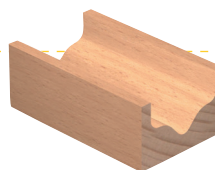
Round & Ogee Bit



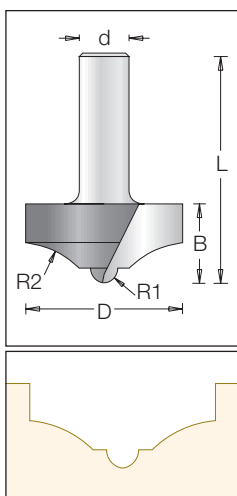
ϕD	R1	R2	B	Code No.	L	ϕd
41.5	9.5	19	18	1373029	56	12
50.0	16.0	30	18	1373069	56	12



Can be supplied with 1/2" shank.



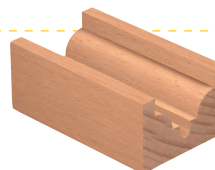
Round & Ogee Bit



ϕD	R1	R2	B	Code No.	L	ϕd
40	4	22	20	1373049	58	12



Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

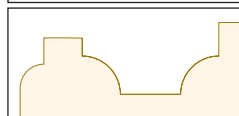
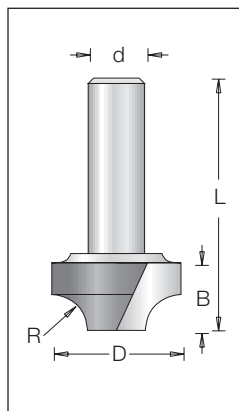


Frame &
Panel door

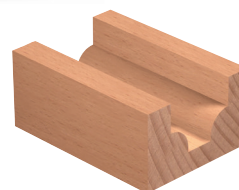


Carving

Beading Bit

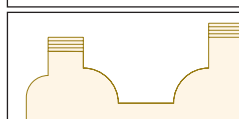
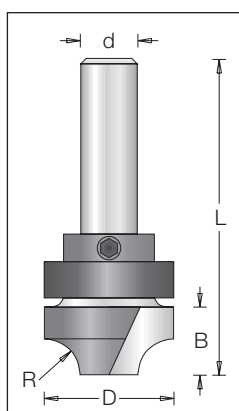


øD	R	B	Code No.	L	ød
9.8	2.5	9	1270013	49	6
	2.5	9	1270015	49	8
12.7	3.0	10	1270023	48	6
19.1	3.0	10	1270043	51	6
20.0	4.0	9	1270053	38	6
	4.0	9	1270055	41	8
22.0	5.0	12	1270063	55	6
24.0	6.0	11	1270075	43	8
28.6	8.0	14	1270083	58	6
28.6	8.0	14	1270089	68	12

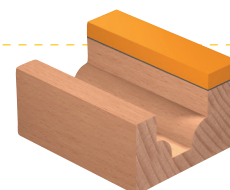


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Beading Bit



øD	R	B	Code No.	L	ød	
12.7	3	10	1272023	48	6	A
19.1	3	10	1272043	51	6	B
22.0	5	12	1272063	55	6	C
28.6	8	14	1272083	58	6	D



⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A. Ball Bearing
#191 003 0
12.7x6.3x4.7



B. Ball Bearing
#191 014 0
19x6.3x7

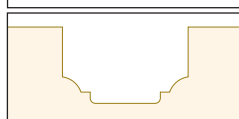
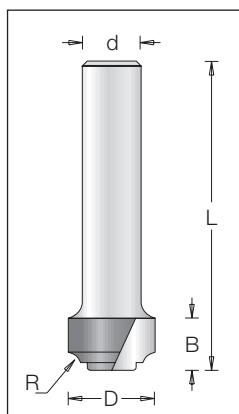


C. Ball Bearing
#191 013 0
22x8x7

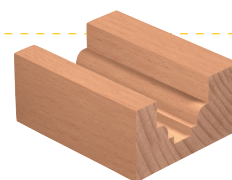


D. Ball Bearing
#1910180
28.5x12.7x8

Traditional Bit



øD	R	B	Code No.	L	ød
12.7	2	10.5	1280015	52	8
19.1	3.5	11.1	1280045	52	8
	3.5	11.1	1280049	68	12



⚠ 12mm shank can be supplied with 1/2" shank.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

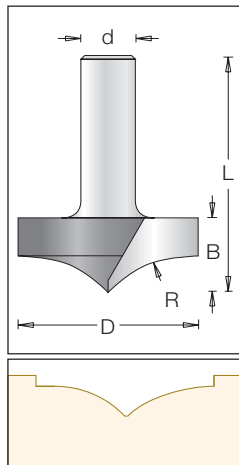


Frame &
Panel door



Carving

Round Over Bit



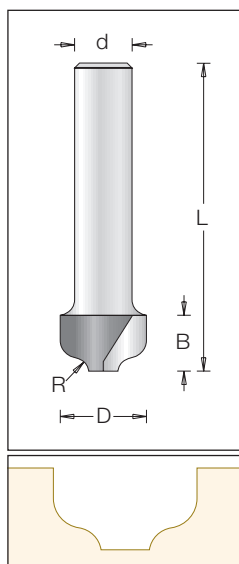
øD	R	B	Code No.	L	ød	ød
44.5	18.3	18.3	1173029	56.3	12	12
41.3	25.4	18.3	1173049	56.3	12	12



Can be supplied with 1/2" shank.



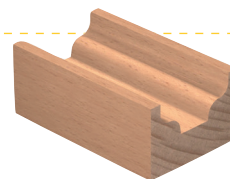
Ogee Bit - Flat Bottom



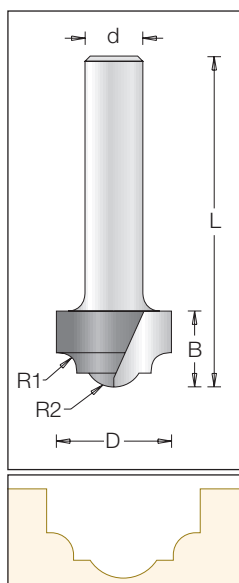
øD	R	B	Code No.	L	ød
12.7	2.0	9.5	1300043	51	6
	2.0	9.5	1300045	51	8
19.1	3.5	12.7	1300073	53	6
	3.5	12.7	1300075	53	8
	3.5	12.7	1300079	68	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



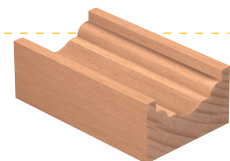
Classical Bit



øD	R1	R2	B	Code No.	L	ød
12.7	2.5	3.5	10.5	1310013	51	6
	2.5	3.5	10.5	1310015	51	8
	3.7	4	12.7	1310043	54	6
19.1	3.7	4	12.7	1310045	54	8
	3.7	4	12.7	1310049	70	12
25.4	5	6.3	16.5	1310075	57	8
	5	6.3	16.5	1310079	73	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

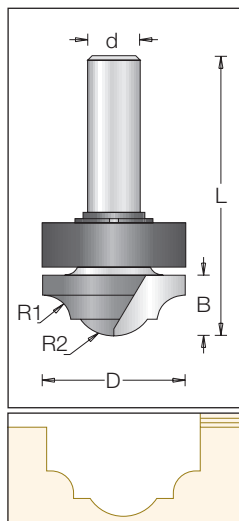


Frame &
Panel door



Carving

Paneling Groover



øD	R1	R2	Code No.	B	L	ød	
22	4.0	5.5	1312053	12	52	6	A
	4.0	5.5	1312055	12	55	8	A
35	6.5	10.0	1312229	15	68	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



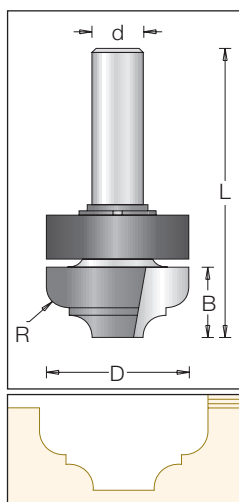
A.Ball Bearing
1910130
8x22x7



B.Ball Bearing
1910190
15x35x11



Paneling Flat Bottom Groover



øD	R	Code No.	B	L	ød	
22	3.5	1352053	11.1	51	6	A
	3.5	1352055	11.1	54	8	A
35	5.0	1352229	14.3	67	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

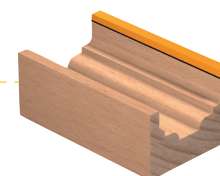
Spare Parts:



A.Ball Bearing
#191 013 0
8x22x7



B.Ball Bearing
191 019 0
15x35x11



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

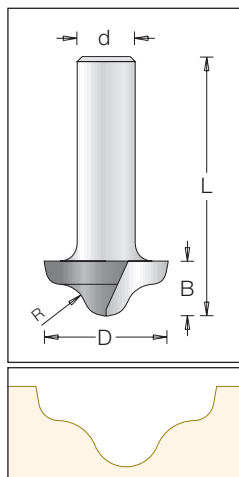


Frame &
Panel door



Carving

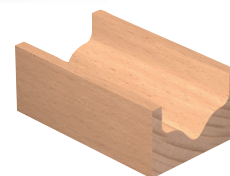
Ogee Bit



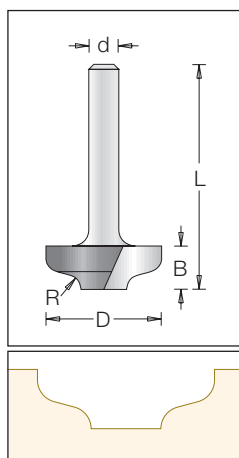
øD	R	Code No.	B	L	ød
27	6	1370043	12	52	6
	6	1370045	12	52	8
	6	1370049	12	57	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



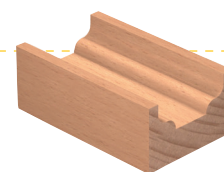
Ogee Bit - Flat Bottom



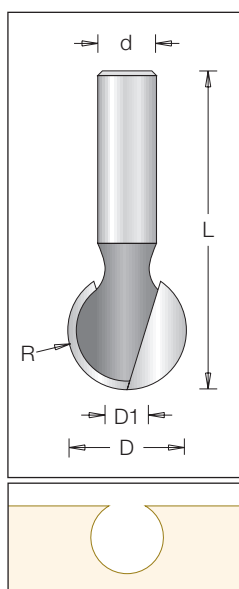
øD	R	Code No.	B	L	ød
25.4	3.2	1470063	9.5	49	6
	3.2	1470065	9.5	49	8
	3.2	1470069	9.5	49	12
35	3.2	1470109	9.5	59	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



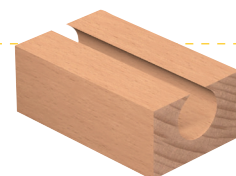
Ball Groovers



øD	øD1	R	Code No.	L	ød
12.7	6.35	6.35	1066049	58	12
16.0	7.0	8.0	1066079	63	12
19.0	8.0	9.5	1066109	64	12
22.2	8.0	11.1	1066139	68	12
25.4	8.7	12.7	1066169	70	12
28.6	10.3	14.3	1066199	74	12
32.0	11.1	16.0	1066229	75	12



12mm shank can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

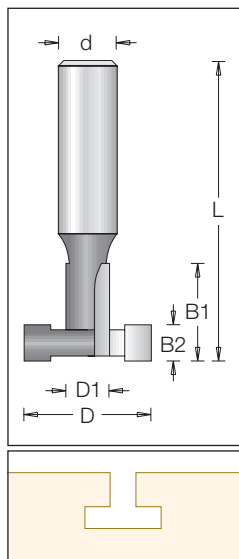


Frame &
Panel door



Carving

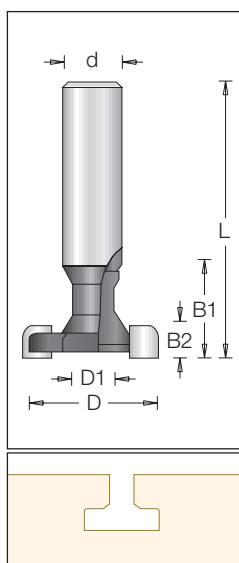
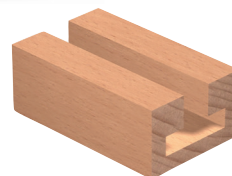
T - Slotter Bit



øD	øD1	Code No.	B1	B2	L	ød
28	9.5	1460206	20.7	8.0	60	9.5
	9.5	1460209	20.7	8.0	66	12.0
35	12.7	1460239	22.2	9.5	65	12.0



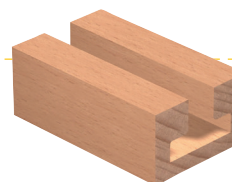
Can be supplied with 1/2" shank.



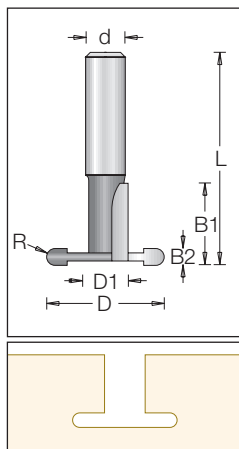
øD	øD1	Code No.	B1	B2	L	ød
30	10.5	1460709	17	7	60	12



Can be supplied with 1/2" shank.



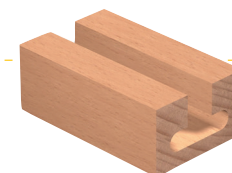
T - Slotter Radius Bit



øD	øD1	Code No.	B1	B2	R	L	ød
40.8	9.7	1460146	20.7	4	2	52	9.5
28.8	11.1	1460106	20.7	4	2	52	9.5
	11.1	1460109	20.7	4	2	55	12



Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

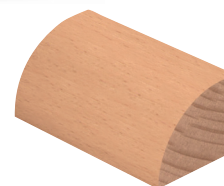
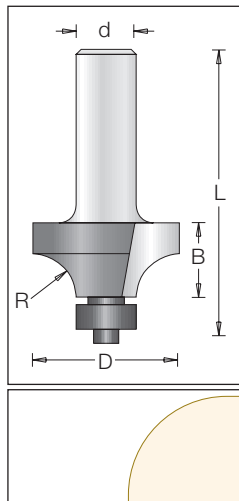


Frame &
Panel door



Carving

Rounding - Over Bit



øD	R	B	Code No.	L	ød	n
15.9	1.7	7.9	1090013	47.0	6	
	1.7	7.9	1090015	50.0	8	
19.1	3.2	9.5	1090043	50.0	6	
	3.2	9.5	1090045	53.0	8	
20.7	4.0	9.5	1090053	49.5	6	
	4.0	9.5	1090055	53.0	8	
22.2	4.8	12.7	1090073	52.0	6	
	4.8	12.7	1090075	55.5	8	
25.4	6.3	12.7	1090103	51.5	6	
	6.3	12.7	1090105	55.0	8	
28.6	7.9	13.5	1090133	53.0	6	
	7.9	13.5	1090135	56.0	8	
31.8	9.5	15.9	1090163	55.5	6	
	9.5	15.9	1090165	59.0	8	
35.4	11.1	17.0	1090503	57.0	6	
	11.1	17.0	1090509	66.0	12	
38.1	12.7	19.1	1090193	58.0	6	
	12.7	19.1	1090195	61.0	8	
15.9	1.7	7.9	1090019	57.0	12	
19.1	3.2	9.5	1090049	59.0	12	
20.7	4.0	9.5	1090059	59.0	12	
22.2	4.8	12.7	1090079	62.0	12	
25.4	6.3	12.7	1090109	62.0	12	
28.6	7.9	13.5	1090139	62.0	12	
31.8	9.5	15.9	1090169	65.0	12	
38.1	12.7	19.1	1090199	67.0	12	
41.3	14.3	20.0	1090209	70.0	12	
44.5	15.9	22.2	1090229	71.0	12	
50.8	19.1	25.4	1090259	75.0	12	
57.1	22.2	29.4	1090269	79.0	12	
63.5	25.4	31.8	1090289	91.5	12	
69.9	28.6	34.9	1090309	95.0	12	18,000
76.3	31.8	38.1	1090319	98.0	12	18,000
82.5	35.0	41.3	1090339	101.0	12	16,000
88.9	38.1	44.5	1090349	105.0	12	16,000



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

Max.
RPM

ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

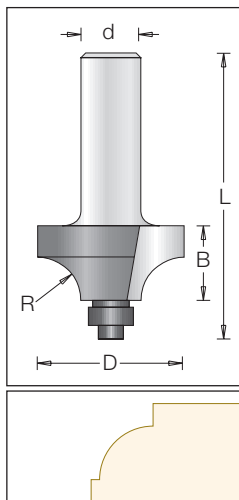


Frame &
Panel door



Carving

Ovolo Bit



øD	R	B	Code No.	L	ød	n
15.9	1.7	7.9	1190013	47.0	6	
	1.7	7.9	1190015	50.0	8	
19.1	3.2	9.5	1190043	50.0	6	
	3.2	9.5	1190045	53.0	8	
20.7	4.0	9.5	1190053	49.5	6	
	4.0	9.5	1190055	53.0	8	
22.2	4.8	12.7	1190073	52.0	6	
	4.8	12.7	1190075	55.5	8	
25.4	6.3	12.7	1190103	50.0	6	
	6.3	12.7	1190105	55.0	8	
28.6	7.9	13.5	1190133	53.0	6	
	7.9	13.5	1190135	56.0	8	
31.8	9.5	15.9	1190163	55.5	6	
	9.5	15.9	1190165	59.0	8	
35.4	11.1	17.0	1190503	57.0	6	
	11.1	17.0	1190509	66.0	8	
38.1	12.7	19.1	1190193	58.0	6	
	12.7	19.1	1190195	61.0	8	
15.9	1.7	7.9	1190019	57.0	12	
19.1	3.2	9.5	1190049	59.0	12	
20.7	4.0	9.5	1190059	59.0	12	
22.2	4.8	12.7	1190079	62.0	12	
25.4	6.3	12.7	1190109	62.0	12	
28.6	7.9	13.5	1190139	62.0	12	
31.8	9.5	15.9	1190169	65.0	12	
38.1	12.7	19.1	1190199	67.0	12	
41.3	14.3	20.0	1190209	70.0	12	
44.5	15.9	22.2	1190229	71.0	12	
50.8	19.1	25.4	1190259	75.0	12	
57.1	22.2	29.4	1190269	79.0	12	
63.5	25.4	31.8	1190289	91.5	12	
69.9	28.6	34.9	1190309	95.0	12	18,000
76.3	31.8	38.1	1190319	98.0	12	18,000
82.5	35.0	41.3	1190339	101.0	12	16,000
88.9	38.1	44.5	1190349	105.0	12	16,000

Max.
RPM



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

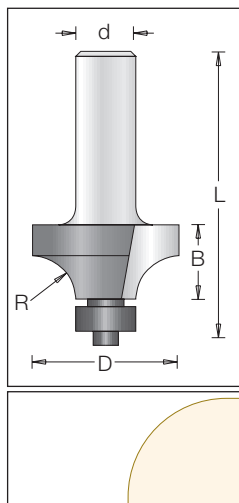


Frame &
Panel door



Carving

Rounding - Over Bit



Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

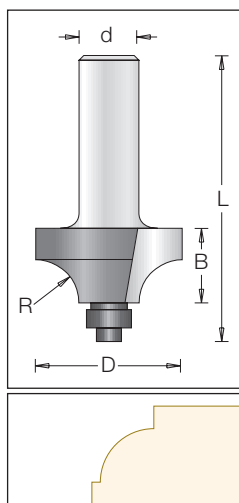
øD	R	B	Code No.	L	ød	n
16.7	2	7.7	1099013	47.5	6	
	2	7.7	1099015	51.0	8	
18.7	3	9.5	1099043	49.5	6	
	3	9.5	1099045	53.0	8	
22.7	5	12.0	1099073	52.0	6	
	5	12.0	1099075	55.5	8	
24.7	6	12.0	1099103	51.5	6	
	6	12.0	1099105	55.0	8	
28.7	8	13.5	1099133	53.5	6	
	8	13.5	1099135	57.0	8	
32.7	10	16.0	1099163	55.5	6	
	10	16.0	1099165	59.0	8	
36.7	12	17.5	1099193	57.5	6	
	12	17.5	1099195	61.0	8	
32.7	10	16.0	1099169	65.0	12	
36.7	12	17.5	1099199	67.0	12	
42.0	15	21.2	1099229	70.0	12	
48.7	18	25.7	1099259	72.5	12	
52.7	20	25.4	1099269	74.0	12	
62.7	25	31.2	1099289	90.5	12	
72.6	30	38.7	1099319	98.0	12	18,000
82.7	35	42.0	1099339	91.0	12	16,000



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Max.
RPM

Ovolo Bit

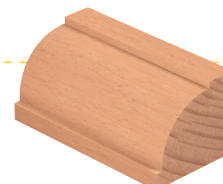


Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3

øD	R	B	Code No.	L	ød	n
16.7	2	7.7	1199013	47.5	6	
	2	7.7	1199015	51.0	8	
18.7	3	9.5	1199043	49.5	6	
	3	9.5	1199045	53.0	8	
22.7	5	12.0	1199073	52.0	6	
	5	12.0	1199075	55.5	8	
24.7	6	12.0	1199103	51.5	6	
	6	12.0	1199105	55.0	8	
28.7	8	13.5	1199133	53.5	6	
	8	13.5	1199135	57.0	8	
32.7	10	16.0	1199163	55.5	6	
	10	16.0	1199165	59.0	8	
36.7	12	17.5	1199193	57.5	6	
	12	17.5	1199195	61.0	8	
32.7	10	16.0	1199169	65.0	12	
	12	17.5	1199199	67.0	12	
42.0	15	21.2	1199229	70.0	12	
48.7	18	25.7	1199259	72.5	12	
52.7	20	25.4	1199269	74.0	12	
62.7	25	31.2	1199289	90.5	12	
72.6	30	38.7	1199319	98.0	12	18,000
82.7	35	42.0	1199339	91.0	12	16,000



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Max.
RPM

ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

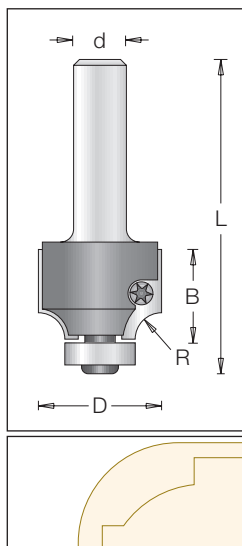


Frame &
Panel door



Carving

Rounding - Over Bit



øD	R	B	Code No.	L	ød
25	3	20	1093019*	68	12
28	6	20	1093029	68	12
32	8	30	1093039	78	12
36	10	30	1093049	78	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 930 3
R3x1.5x9x20



T.C. Blade
#310 930 6
R6x1.5x9 x20



T.C. Blade
#310 930 8
R8x1.5x15x30



T.C. Blade
#310 931 0
R10x1.5x15x30



Torx screw
#193 148 2
M4x5.6



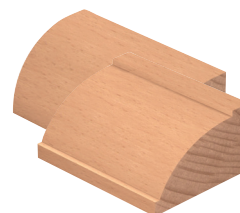
Ball Bearing
#191 015 0*
19x4.7x5



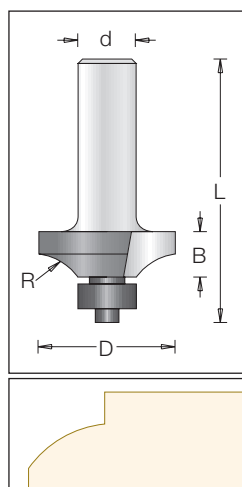
Ball Bearing
#191 010 0
5x16x5



Torx key
#194 101 5
T15



Flat Rounding - Over Bit



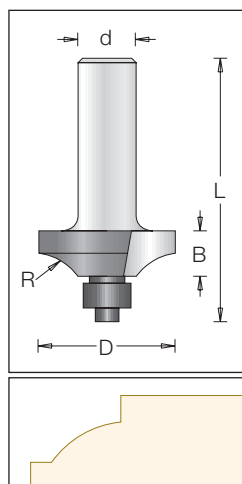
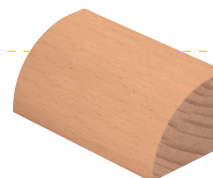
øD	R	B	Code No.	L	ød
30	12	10	1092183	50.0	6
	12	10	1092189	60.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



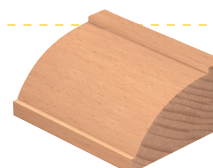
øD	R	B	Code No.	L	ød
30	12	10	1092183	48.0	6
	12	10	1092189	58.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

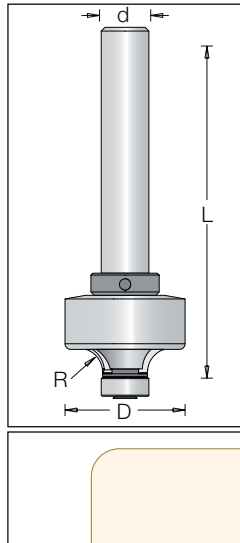


Frame &
Panel door

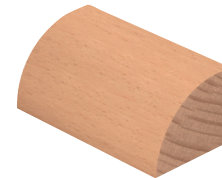


Carving

Round Corner 3D Router Bit



øD	R	B	Code No.	L	ød
25	3	8	5588269	97	12
36	6	10	5588279*	99	12



 Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
4.7x12.7x5



Ball Bearing
#191 020 0
19x12.7x4



Allen screw
#193 001 6
NC5x40x5



Lock Ring
#193 077 0
M4x12



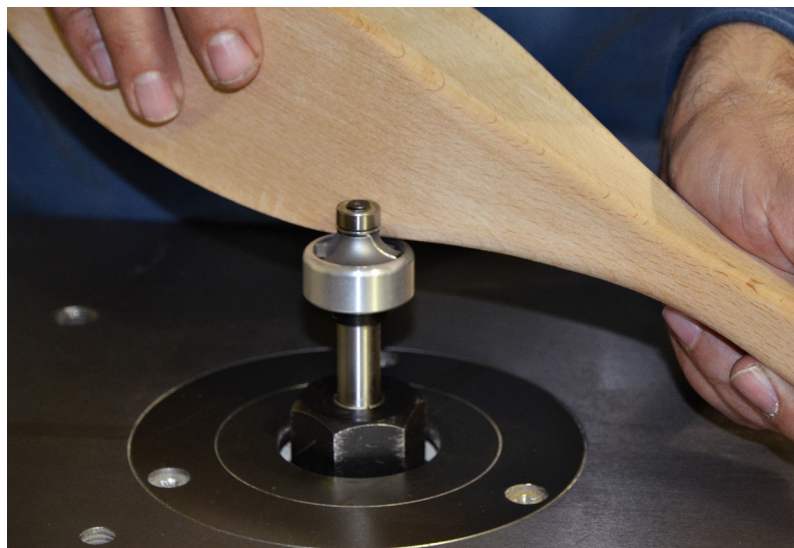
Aluminum Ring
#192 166 0
D=26



Allen key
#194 020 0
S2



Aluminum Ring *
#192 167 0
D=32



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

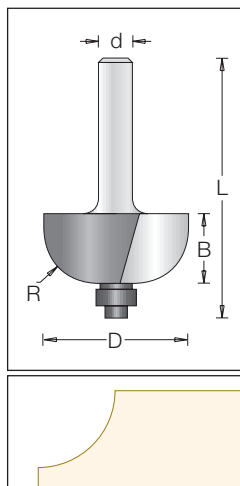


Frame &
Panel door

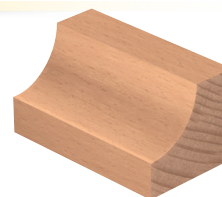


Carving

Core Bit



øD	R	B	Code No.	L	ød
12.7	1.6	12.7	1120023	51.0	6
15.9	3.2	12.7	1120033	51.0	6
	3.2	12.7	1120035	54.0	8
19.1	4.8	14.3	1120013	51.0	6
	4.8	14.3	1120015	54.0	8
22.2	6.3	14.3	1120043	51.0	6
	6.3	14.3	1120045	54.0	8
25.4	7.9	14.3	1120073	51.0	6
	7.9	14.3	1120075	55.0	8
28.6	9.5	14.3	1120103	52.0	6
	9.5	14.3	1120105	55.0	8
34.9	12.7	16.7	1120133	55.0	6
	12.7	16.7	1120135	55.0	8
15.9	3.2	12.7	1120039	60.0	12
19.1	4.8	14.3	1120019	60.5	12
22.2	6.3	14.3	1120049	60.5	12
25.4	7.9	14.3	1120079	60.5	12
28.6	9.5	14.3	1120109	60.5	12
41.3	16.0	18.0	1120159	65.0	12
57.1	22.2	31.8	1120189	81.0	12



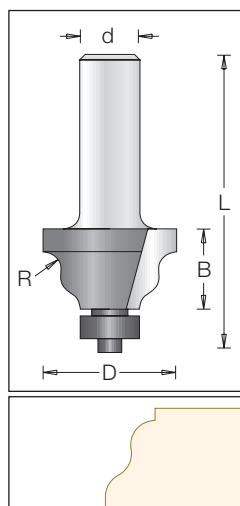
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 001 0
9.5x3x4

Wavy Edge Bit



øD	R	B	Code No.	L	ød
31.8	4	17.5	1133043	57	6
	4	17.5	1133049	67	12

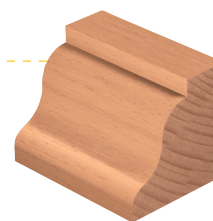


6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

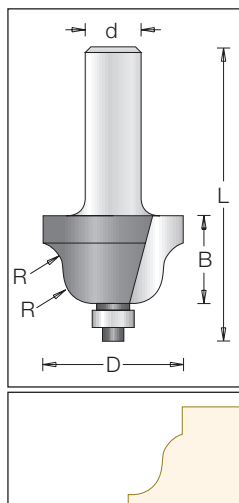


Frame &
Panel door



Carving

Roman Ogee Bit



øD	R	B	Code No.	L	ød
25.4	4.0	15.9	1130013	54.0	6
	4.0	15.9	1130015	57.0	8
34.9	6.3	20.0	1130043	58.0	6
	6.3	20.0	1130045	61.5	8
25.4	4.0	15.9	1130019	63.0	12
34.9	6.3	20.0	1130049	67.5	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

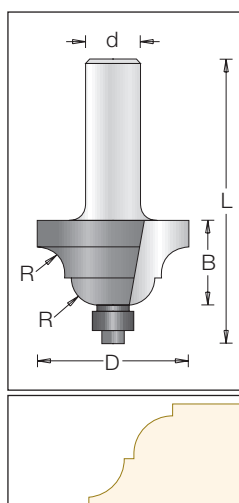
Spare Parts:



Ball Bearing
#191 001 0
9.5x3.2x4



Classical Bit



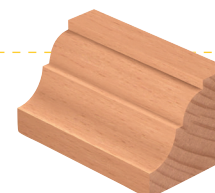
øD	R	B	Code No.	L	ød
25.4	4.0	16	1340013	54.0	6
	4.0	16	1340015	57.5	8
34.9	6.3	20	1340043	56.5	6
	6.3	20	1340045	60.0	8
25.4	4.0	16	1340019	63.5	12
34.9	6.3	20	1340049	66.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

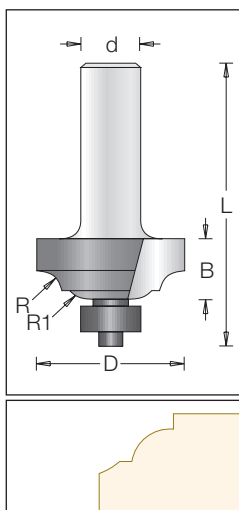
Spare Parts:



Ball Bearing
#191 001 0
9.5x3x4



Classical Bit



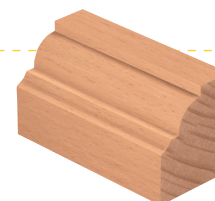
øD	R	R1	B	Code No.	L	ød
31.8	5	8	13	1200013	53.0	6
38.1	6	5.5	16	1200043	55.5	6
31.8	5	8	13	1200019	62.5	12
38.1	6	5.5	16	1200049	65.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

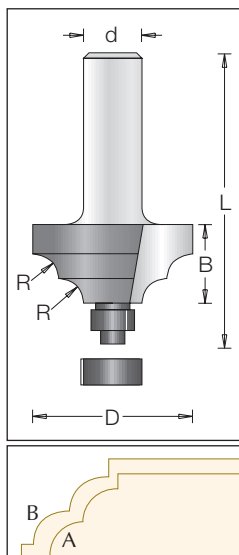


Frame &
Panel door



Carving

Classical Bit



øD	R	B	Code No.	L	ød	
28.6	4.0	12.7	1360023	52.5	6	A
	4.0	12.7	1360025	56.5	8	A
34.9	5.5	17.0	1360013	57.0	6	A
	5.5	17.0	1360015	60.5	8	A
28.6	4.0	12.7	1360029	62.0	12	A
34.9	5.5	17.0	1360019	66.0	12	A
38.1	6.3	19.1	1360069	68.5	12	A
50.8	9.5	22.2	1360089	72.0	12	A
28.6	4.0	12.7	1360033	51	6	B
	4.0	12.7	1360035	54	8	B
34.9	5.5	17.0	1360043	55	6	B
	5.5	17.0	1360045	58	8	B
28.6	4.0	12.7	1360039	60	12	B
34.9	5.5	17.0	1360049	65	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:

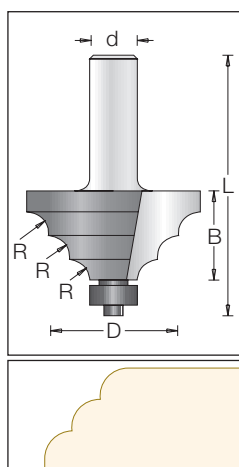


A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 004 0
9.5x4.7x3

Classical Moulding Bit



øD	R	B	Code No.	L	ød
47.3	6	23.8	1363079	73	12

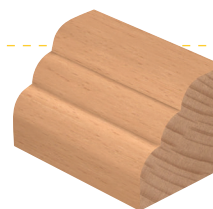


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

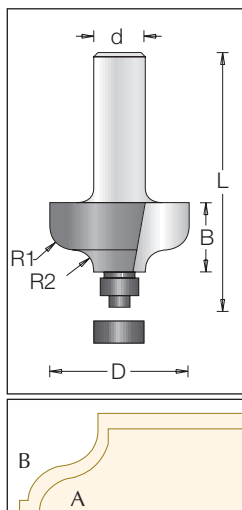


Frame &
Panel door



Carving

Ogee Fillet Bit



øD	R1	R2	Code No.	B	L	ød	
28.6	4.5	4	1380023	12.7	52.5	6	A
	4.5	4	1380025	12.7	56	8	A
34.9	6.0	5	1380013	17.5	57	6	A
	6.0	5	1380015	17.5	60.5	8	A
28.6	4.5	4	1380029	12.7	62	12	A
34.9	6.0	5	1380019	17.5	67	12	A
28.6	4.5	4	1380033	12.7	51	6	B
	4.5	4	1380035	12.7	54	8	B
34.9	6.0	5	1380043	17.5	56	6	B
	6.0	5	1380045	17.5	59	8	B
28.6	4.5	4	1380039	12.7	60	12	B
34.9	6	5	1380049	17.5	65	12	B



⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:

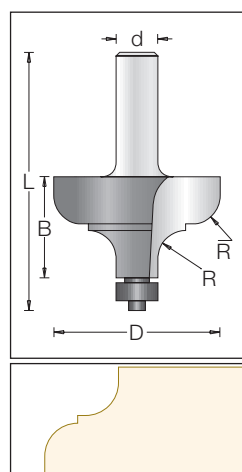


A. Ball Bearing
#191 0070
12.7x4.7x5



B. Ball Bearing
#191 0040
9.5x4.7x3

Classical Mould Bit



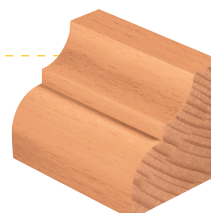
øD	R	Code No.	B	L	ød
51	8.5	1560419	31	80	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 0070
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

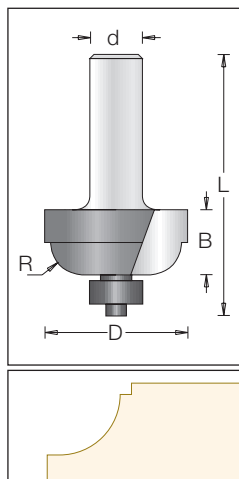


Frame &
Panel door



Carving

Flat Ogee Bit



øD	R	Code No.	B	L	ød
34.9	7.9	1400013	15.9	55.0	6
28.6	4.8	1400029	12.7	61.5	12
34.9	7.9	1400019	15.9	65.0	12

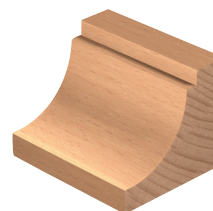


6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

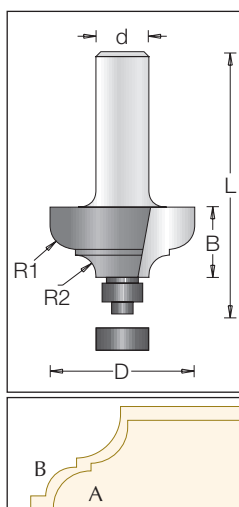
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Ogee Fillet Bit



øD	R1	R2	Code No.	B	L	ød	
28.6	4.0	4.0	1350023	12.7	52.5	6	A
	4.0	4.0	1350025	12.7	56.0	8	A
34.9	6.0	5.0	1350013	17.5	56.5	6	A
	6.0	5.0	1350015	17.5	60.0	8	A
28.6	4.5	4.0	1350029	12.7	62.0	12	A
34.9	6.0	4.8	1350019	17.5	66.0	12	A
38.0	4.7	8.0	1350079	16.0	65.0	12	A
51.0	9.5	9.5	1350069	23.0	72.0	12	A
28.6	4.0	4.0	1350033	12.7	51.0	6	B
	4.0	4.0	1350035	12.7	54.0	8	B
34.9	6.0	5.0	1350043	17.5	55.0	6	B
	6.0	5.0	1350045	17.5	58.5	8	B
28.6	4.0	4.0	1350039	12.7	60.0	12	B
34.9	6.0	4.8	1350049	17.5	64.5	12	B
38.0	4.7	8.0	1350089	16.0	65.0	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

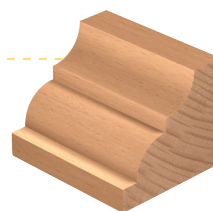
Spare Parts:



A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 004 0
9.5x4.7x3



Routing



Grooving
& Sizing



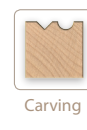
Profiling &
Chamfering



Jointing &
Rebating

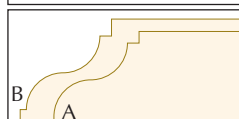
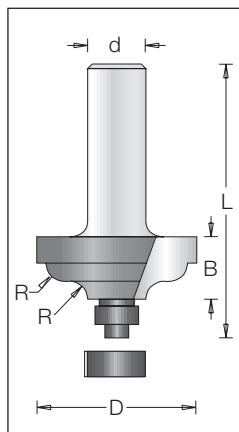


Frame &
Panel door



Carving

Ogee Fillet Bit



øD	R	B	Code No.	L	ød	
34.9	4.0	13.5	1210013	54.0	6	A
	4.0	13.5	1210015	57.5	8	A
	4.0	13.5	1210073	52.0	6	B
	4.0	13.5	1210075	55.5	8	B
	4.0	13.5	1210019	63.5	12	A
	4.0	13.5	1210079	61.0	12	B
41.3	6.3	19.1	1210049	69.0	12	A
	6.3	19.1	1210109	67.0	12	B
57.2	9.5	25.4	1210149	73.0	12	B
	9.5	25.4	1210159	75.0	12	A

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



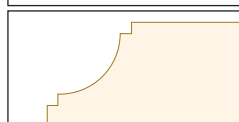
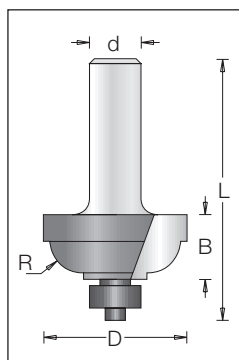
A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 004 0
9.5x4.7x3



Classic Cove Bit



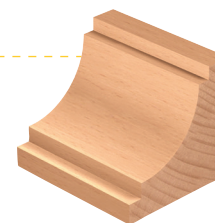
øD	R	Code No.	B	L	ød
28.6	4.8	1390023	12.7	52.0	6
	4.8	1390025	12.7	55.5	8
34.9	7.9	1390013	15.9	55.5	6
28.6	4.8	1390029	12.7	61.5	12
	7.9	1390019	15.9	65.0	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

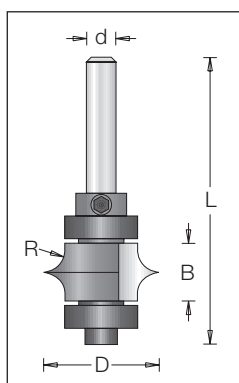
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Sunk Bead Bit



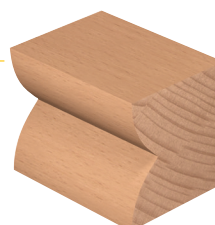
øD	R	Code No.	B	L	ød
25.4	4.8	1570043	12.7	66	6
28.6	6.3	1570083	15.9	69	6
34.5	9.5	1570123	22.2	75	6

⚠ Can be supplied with 1/4" shank.

Spare Parts:



Ball Bearing
#191 015 0
6.3x16x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

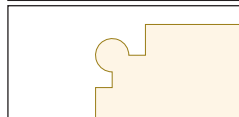
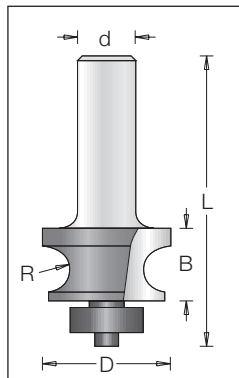


Frame &
Panel door



Carving

Corner Bead Cutter



øD	R	Code No.	B	L	ød	
23.0	2.0	1241053	10.3	50.0	6	B
22.2	3.2	1241083	14.3	54.0	6	A
	3.2	1241085	14.3	57.0	8	A
28.2	5.0	1241113	16.5	57.0	6	B
	5.0	1241115	16.5	57.0	8	B
31.8	6.3	1241133	19.1	58.0	6	B
	6.3	1241135	19.1	60.0	8	B
22.2	3.2	1241089	13.5	63.5	12	A
28.2	4.8	1241119	16.5	66.5	12	B
31.8	6.3	1241139	19.1	68.0	12	B
38.1	9.5	1241179	25.4	75.0	12	B



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

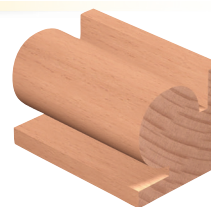
Spare Parts:



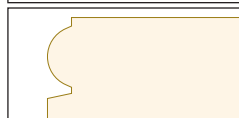
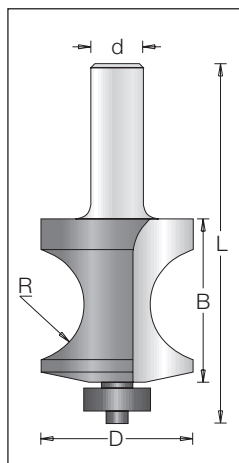
A.Ball Bearing
#191 007 0
12.7x4.7x5



B.Ball Bearing
#191 010 0
16x5x5



Torus Bit



øD	R	Code No.	B	L	ød
37.2	13.5	1244209	40	89	12

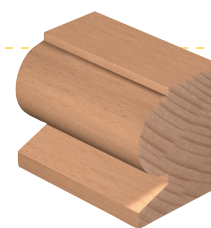


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

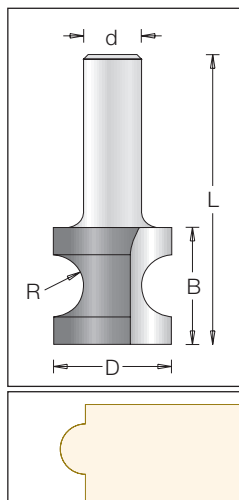


Frame &
Panel door



Carving

Bull Nose Bit

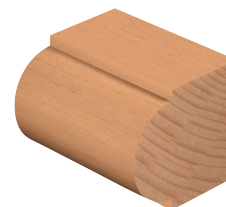


øD	R	Code No.	B	L	ød	n
13.5	2.0	1240013	12.7	41.3	6	
	2.0	1240015	12.7	45.0	8	
15.1	2.8	1240043	12.7	41.3	6	
	2.8	1240045	12.7	45.0	8	
16.7	3.6	1240073	19.1	47.6	6	
	3.6	1240075	19.1	51.0	8	
22.2	5.2	1240103	19.1	47.6	6	
	5.2	1240105	19.1	51.0	8	
26.2	6.8	1240135	25.4	57.5	8	
13.5	2.0	1240019	12.7	55.0	12	
15.1	2.8	1240049	12.7	51.0	12	
16.7	3.6	1240079	19.1	57.0	12	
22.2	5.2	1240109	19.1	57.0	12	
26.1	6.8	1240139	25.4	63.5	12	
28.0	7.9	1240159	25.4	63.5	12	
33.3	9.5	1240179	33.7	72.0	12	
42.0	12.7	1240209	39.7	78.0	12	
50.8	15.9	1240239	50.0	88.0	12	
60.3	19.1	1248269*	50.8	98.0	12	18,000

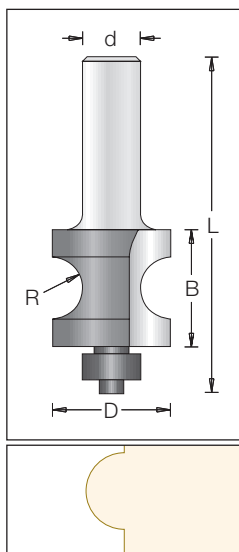
*3T



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



Bull Nose Bit



øD	R	Code No.	B	L	ød	
26.2	6.8	1243139	26	75	12	A
35.0	9.5	1243179	34	84	12	B
44.5	12.7	1243209	40	93	12	C
50.8	15.8	1243239	50	103	12	C



Can be supplied with 1/2" shank.

Spare Parts:



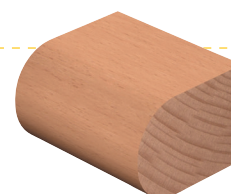
A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 010 0
16x5x5



C. Ball Bearing
#191 014 0
19x6.3x7



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

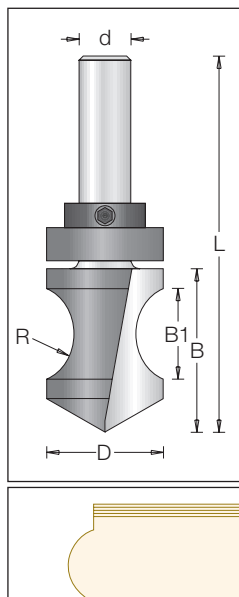


Frame &
Panel door



Carving

Plunge Template Bull Nose Bit



øD	R	Code No.	B	B1	L	ød
28.5	12.7	1240519	40	22.2	92	12
	12.7	1242519*	40	22.2	92	12

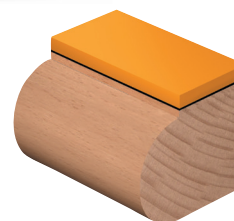


*Can be supplied with 1/2" shank.

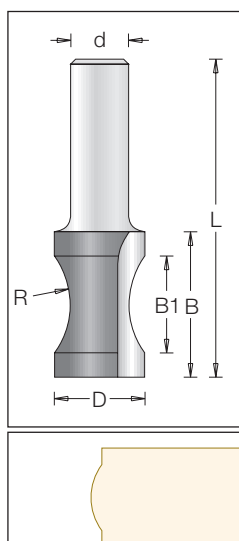
Spare Parts:



Ball Bearing
#191 018 0
28.6x12.7x8



Flat Bull Nose Bit

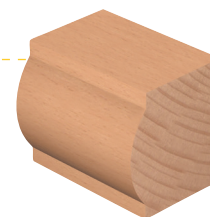


øD	R	Code No.	B	B1	L	ød
20	18	1242043	32	21.3	62	6
	18	1242045	32	21.3	64	8
	18	1242049	32	21.3	70	12



6mm shank can be supplied with 1/4" shank.

12mm shank can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

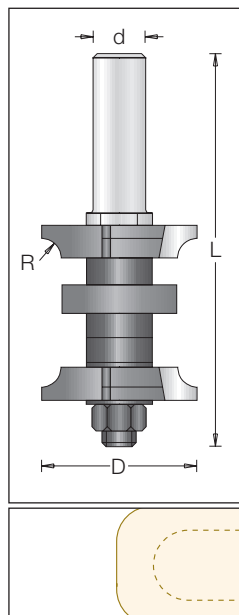


Frame &
Panel door



Carving

Adjustable Set - Round Over



	R	Code No.	øD	B Min.	B Max	L	ød
Complete	4.8	1580009	38.1	9.5	38	12	12
Top Cutter	4.8	1580940					
Bottom Cutter	4.8	1580950					

	R	Code No.	øD	B Min.	B Max	L	ød
Complete	6.35	1581009	40.7	12.7	36	96	12
Top Cutter	6.35	1580640					
Bottom Cutter	6.35	1580630					

	R	Code No.	øD	B Min.	B Max	L	ød
Complete	9.6	1582009	47.2	19	36	96	12
Top Cutter	9.6	1580840					
Bottom Cutter	9.6	1580830					

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 009 9
L=96



Ball Bearing
#191 016 0
8x28x9



Spacer
#192 013 0
0.5x16



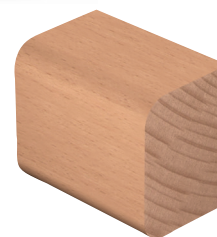
Washer
#192 011 0
1x16



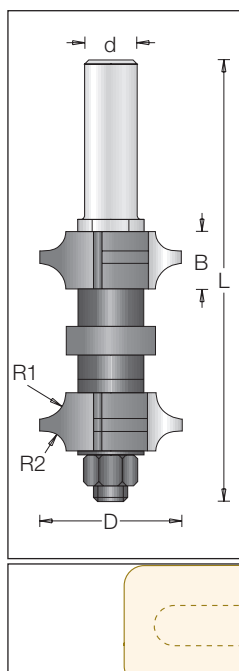
Spacer
#192 015 0
3x16



Spacer
#192 016 0
6x16



Adjustable Set - Dual Radius



	R1	R2	Code No.	øD	B Min.	B Max	L	ød
Complete	6.3	4.8	1583009	34.8	9.5/12.7	35/38	108	12
Top Cutter	6.3	4.8	1583020					
Bottom Cutter	6.3	4.8	1583010					

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 011 9
L=108



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 100 0
0.1x16



Spacer
#192 013 0
0.5x16



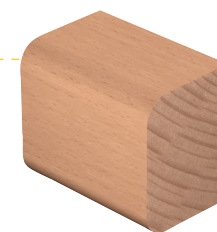
Washer
#192 011 0
1x16



Spacer
#192 015 0
3x16



Spacer
#192 016 0
6x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

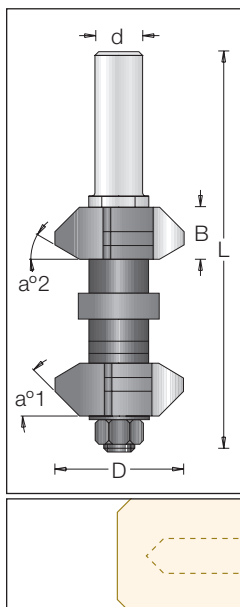


Frame &
Panel door



Carving

Adjustable Set - Chamfer



	a°-1	a°-2	Code No.	øD	B Max	L	ød
Complete	45°	30°	1584009	34.8	42/35	108	12
Top Cutter	45°	30°	1584010	34.8			
Bottom Cutter	45°	30°	1584020	34.8			



Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 011 9
L=108



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



Spacer
#192 016 0
6x16



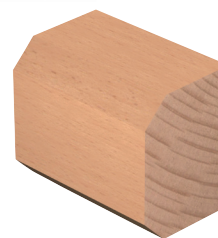
Spacer
#192 015 0
3x16



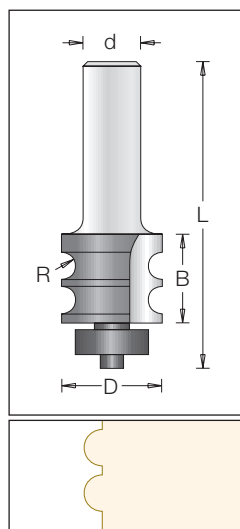
Spacer
#192 013 0
0.5x16



Spacer
#192 100 0
0.1x16



Double Bead Bit



øD	R	Code No.	B	L	ød
22.2	3	1243089	19.1	69	12

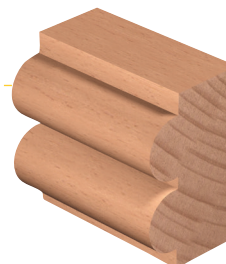


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

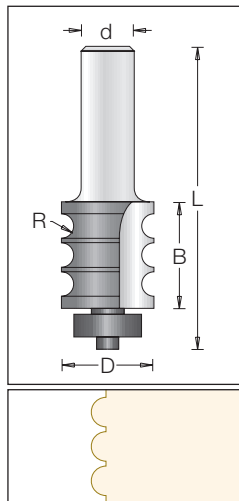


Frame &
Panel door



Carving

Triple Bead Bit



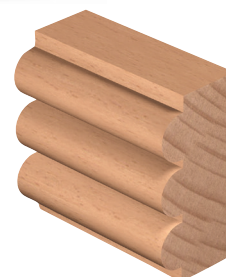
øD	R	Code No.	B	L	ød
22.2	3	1243329	25.4	74	12

⚠ Can be supplied with 1/2" shank.

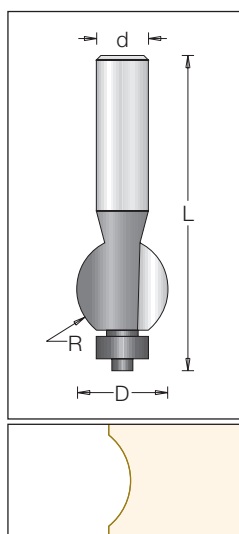
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Flat Sunk Bead Bit



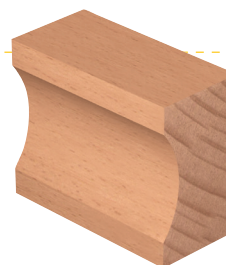
øD	R	Code No.	B	L	ød
19.1	8.0	1623029	12.7	70	12
22.2	12.0	1623049	19.1	78	12
22.2	19.5	1623059	25.4	85	12
25.4	32.0	1623069	38.1	98	12

⚠ Can be supplied with 1/2" shank.

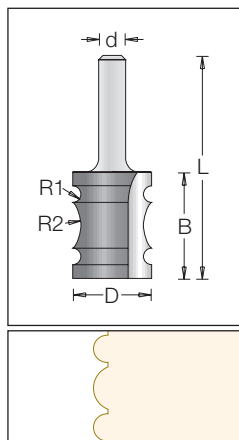
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

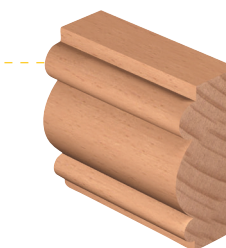


Reed Edge Mould Bit



øD	R1	R2	Code No.	B	L	ød
19.1	2	6	1243093	25.4	55	6

⚠ Can be supplied with 1/4" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

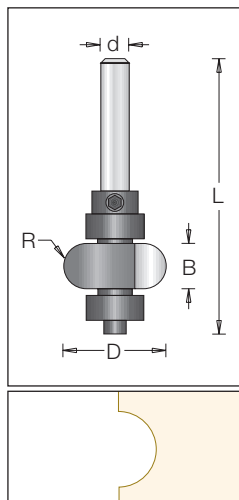


Frame &
Panel door



Carving

Sunk Bead Bit



øD	R	Code No.	B	L	ød
19.1	3.2	1622023	6.4	57	6
22.7	5.0	1622053	10.0	61	6

⚠ Can be supplied with 1/4" shank.

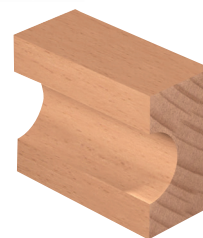
Spare Parts:



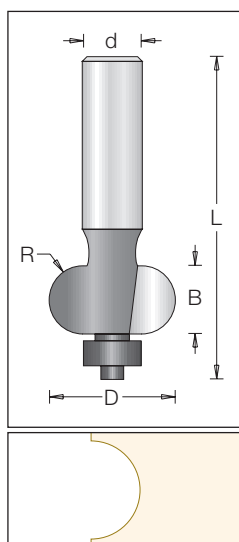
Ball Bearing
#191 007 0
12.7x4.7x5



Ball Bearing
#191 003 0
12.7x6.3x4.7



Sunk Bead Bit



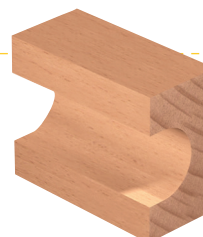
øD	R	Code No.	B	L	ød
20.7	4	1620043	8	47	6
22.7	5	1620053	10	49	6
24.7	6	1620063	12	51	6
32.7	10	1620109	20	75	12

⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

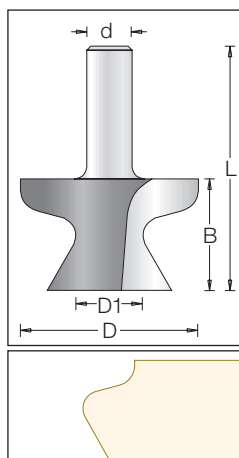
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

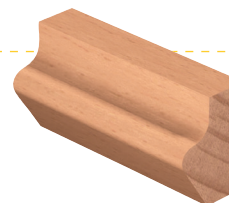


Window Sill Edge Bit



øD	øD1	Code No.	B	L	ød
50.8	19.1	1480409	32	70	12

⚠ Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

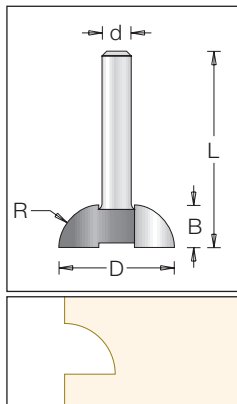


Frame &
Panel door



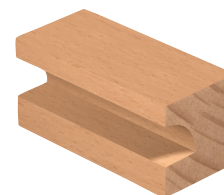
Carving

Finger Grip Bit

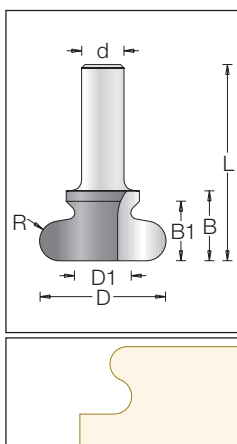


øD	R	Code No.	B	L	ød
25.4	9.5	1320043	9.5	44.5	6

⚠ Can be supplied with 1/4" shank.

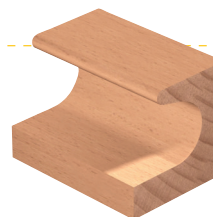


Finger Grip Bit

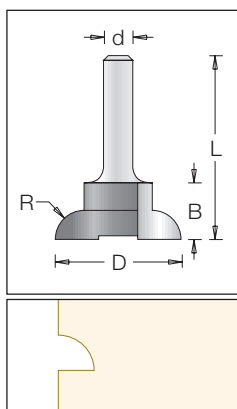


øD	D1	Code No.	B	B1	R	L	ød
19.1	10	1480195	19.1	14.3	4.8	54.5	8
	10	1480199	19.1	14.3	4.8	57.5	12
38.1	17	1480315	21.0	18.0	6.0	53.0	8
	17	1480319	21.0	18.0	6.0	59.0	12
45.0	17	1480379	21.0	17.2	4.8	59.0	12

⚠ 12mm Can be supplied with 1/2" shank.

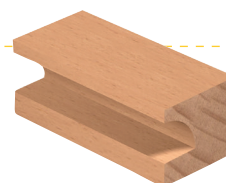


Finger Grip Bit



øD	R	Code No.	B	L	ød
28	6.35	1320103	12.7	41	6

⚠ Can be supplied with 1/4" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

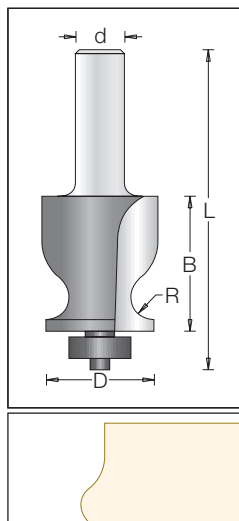


Frame &
Panel door



Carving

Flat Bull - Nose Bead Bit



øD	R	Code No.	B	L	ød
30	6	1560449	35	84.5	12

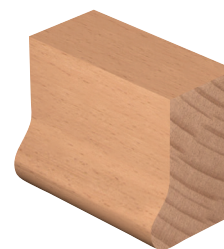


Can be supplied with 1/2" shank.

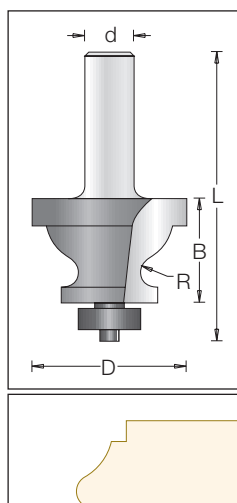
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Bull Nose Mould Bit



øD	R	Code No.	B	L	ød
40	4	1560539	27	76	12

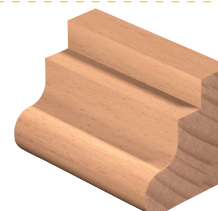


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

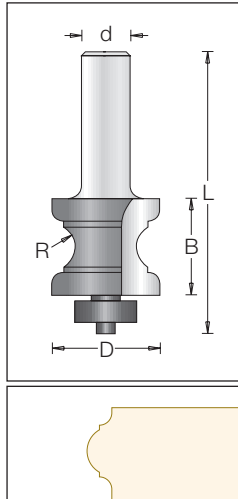


Frame &
Panel door



Carving

Profile Edge Mould Bit



øD	R	Code No.	B	L	ød
28	6	1243019	25	74	12
32	8	1243049	30	79	12
35	13	1243059	40	89	12



Can be supplied with 1/2" shank.

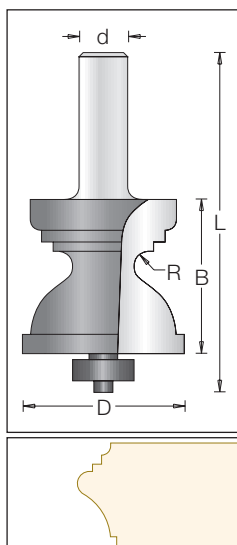
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Decorative Bead Bit



øD	R	Code No.	B	L	ød
42	4	1566029	40	89	12

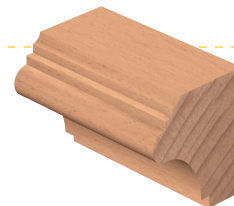


Can be supplied with 1/2" shank.

Spare Parts::



Ball Bearing
#191 010 0
16x5x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

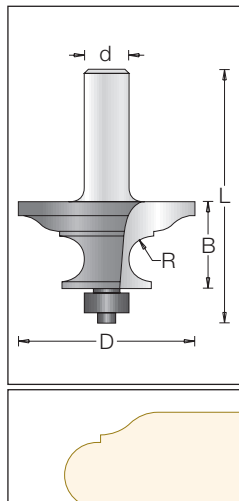


Frame &
Panel door



Carving

Classic Corner Bead Bit



øD	R	Code No.	B	L	ød
50.8	6.5	1560409	25.4	75	12

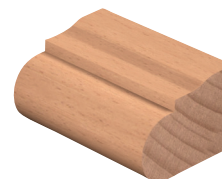


Can be supplied with 1/2" shank.

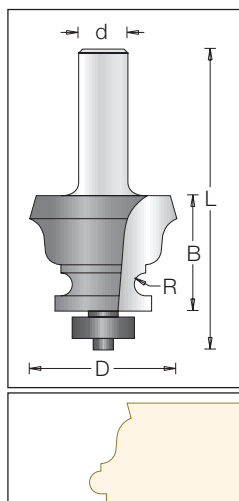
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Profile Edge Mould Bit



øD	R	Code No.	B	L	ød
38.1	3	1560569	30	79	12

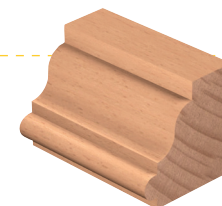


Can be supplied with 1/2" shank.

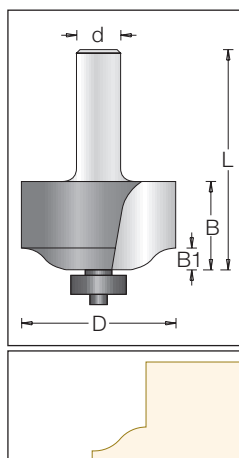
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Frame Edge Profiling Bit



øD	Code No.	B	B1	L	ød
45	1563069	25.4	6.35	75	12

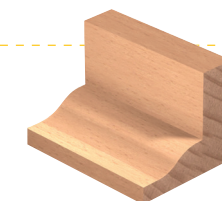


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 006 0
15.9x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

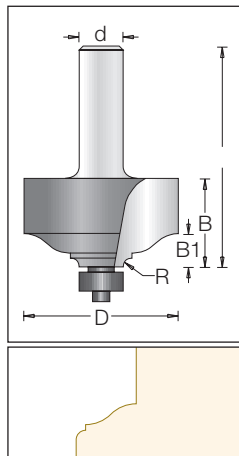


Frame &
Panel door



Carving

Frame Edge Profiling Bit



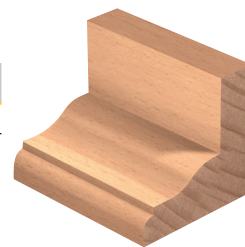
øD	R	Code No.	B	B1	L	ød
44.5	75	1563079	25.4	9.4	2.5	12

⚠ Can be supplied with 1/2" shank.

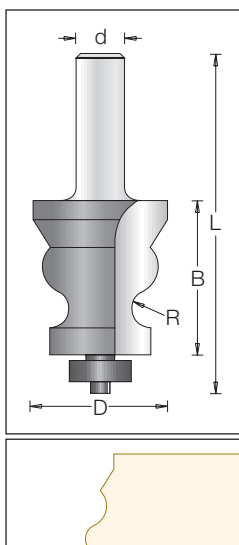
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Plant Mould Bit



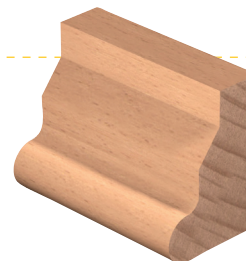
øD	R	Code No.	B	L	ød
35	5	1560479	38.1	87	12

⚠ Can be supplied with 1/2" shank.

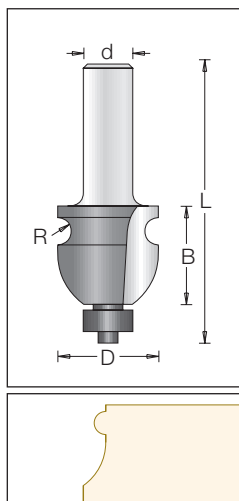
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Face Moulding Bit



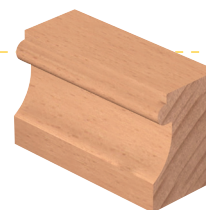
øD	R	Code No.	B	L	ød
26	3.5	1563039	25.4	74	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

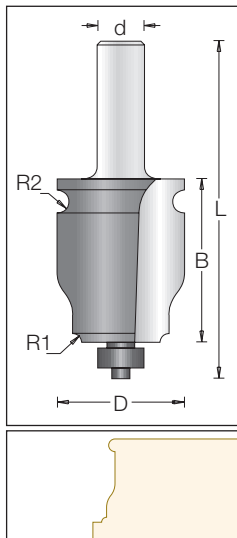


Frame &
Panel door



Carving

Face Moulding Bit



øD	R1	R2	Code No.	B	L	ød
35	2.5	3.2	1563049	45	94	12

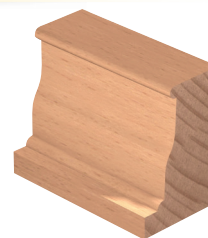


Can be supplied with 1/2" shank.

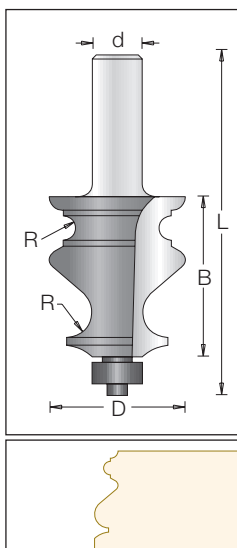
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Face Moulding Bit



øD	R1	R2	Code No.	B	L	ød
34.7	6.5	3.2	1563019	41.5	90.5	12

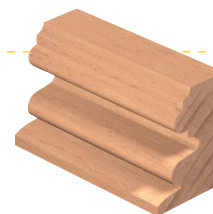


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

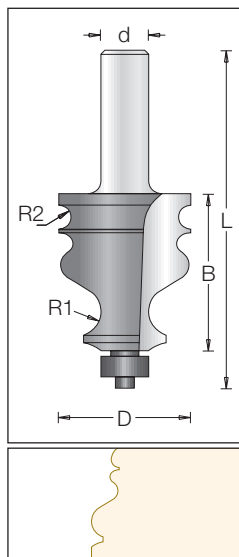


Frame &
Panel door



Carving

Face Moulding Bit



øD	R1	R2	Code No.	B	L	ød
35	6.5	3.2	1563029	41.5	91	12



Can be supplied with 1/2" shank.

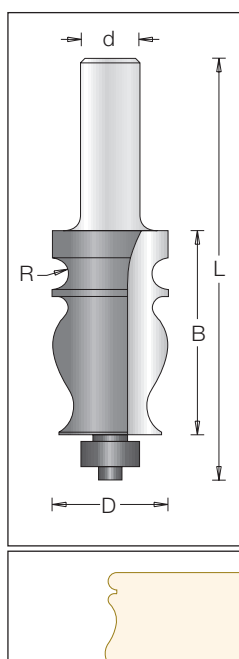
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Face Moulding Bit



øD	R	Code No.	B	L	ød
25.4	3.5	1560219	45	94	12

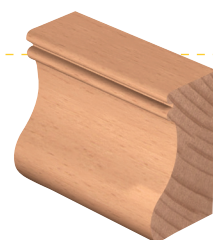


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

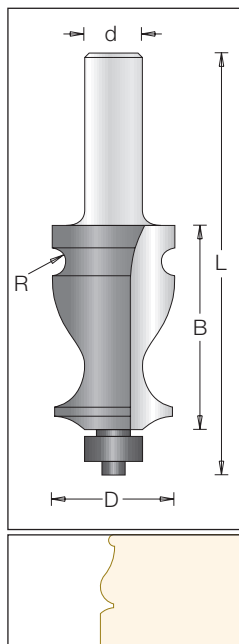


Frame &
Panel door



Carving

Face Moulding Bit



$\varnothing D$	R	Code No.	B	L	$\varnothing d$
27	3	1560139	45	94	12

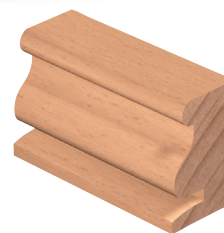


Can be supplied with 1/2" shank.

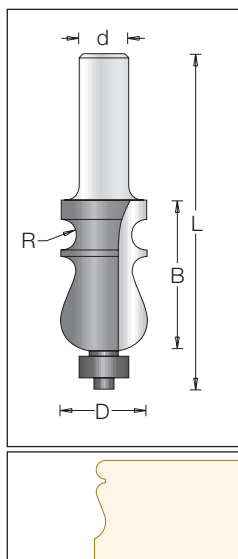
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Face Moulding Bit



$\varnothing D$	R	Code No.	B	L	$\varnothing d$
22	4	1560079	38	87	12

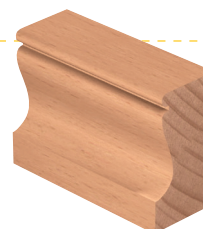


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

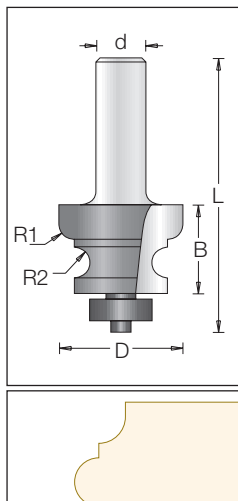


Frame &
Panel door



Carving

Decorative Moulding Bit



øD	R1	R2	Code No.	B	L	ød	
20.7	2.0	2	1566049	15	64.3	12	A
32.0	4.0	4	1566059	23	72.0	12	B
40.0	5.5	5	1566039	30	79.0	12	B



Can be supplied with 1/2" shank.

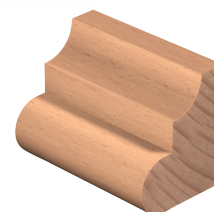
Spare Parts:



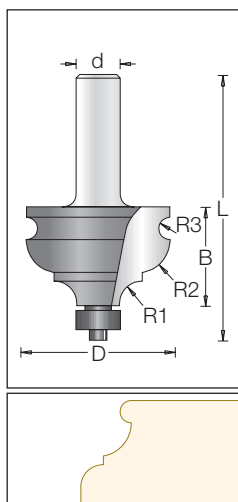
A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 100 0
16x5x5



French Provincial Bit



øD	R1	R2	R3	Code No.	B	L	ød
41.3	6.35	9.5	3.2	1560349	28.5	78	12

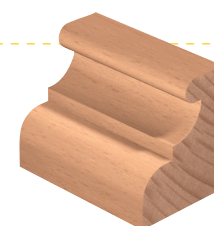


Can be supplied with 1/2" shank.

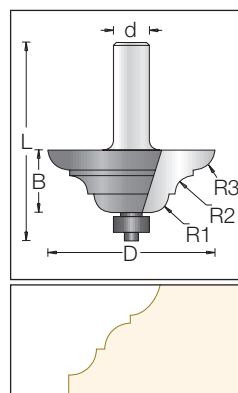
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Classical Elegant Mould Bit



øD	R1	R2	R3	Code No.	B	L	ød
59	6.5	6.5	7.5	1650109	22	71	12

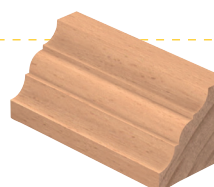


Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

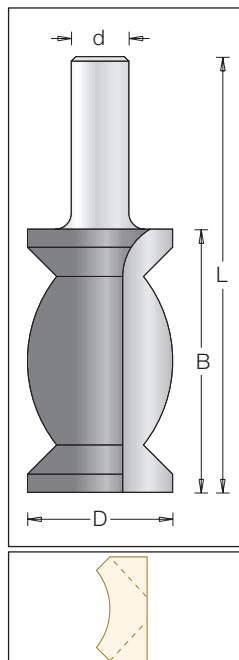


Frame &
Panel door



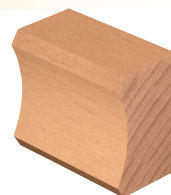
Carving

Decorative Moulding Bit

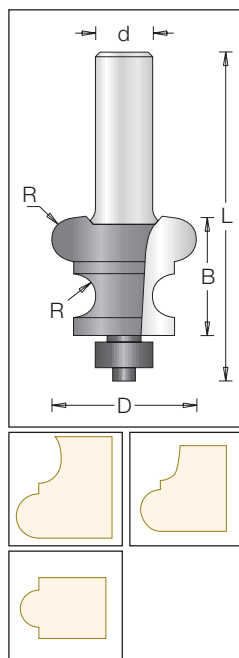


øD	B	Code No.	L	ød
32	58	1560059	96	12

⚠ Can be supplied with 1/2" shank.



Decorative and Jointer Bit



øD	R	Code No.	B	L	ød	
31.8	4.8	1560389	25.4	74	12	A
50.8	6.5	1560399	32.0	80	12	B

⚠ 12mm shank can be supplied with 1/2" shank.

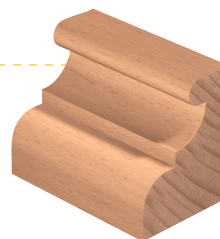
Spare Parts:



A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 010 0
16x5x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

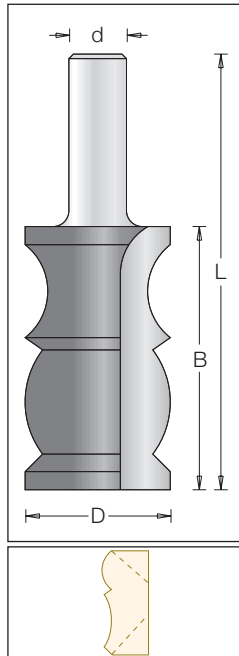


Frame &
Panel door



Carving

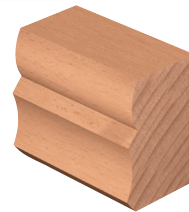
Cornice Profiling Bit



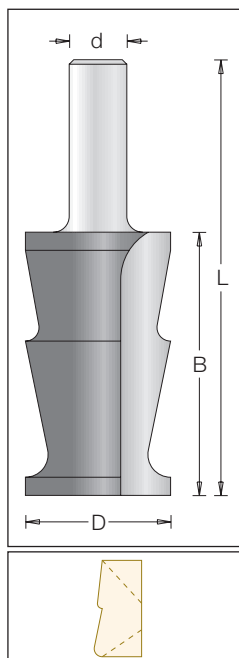
øD	B	Code No.	L	ød
32	58	1560049	96	12



Can be supplied with 1/2" shank.



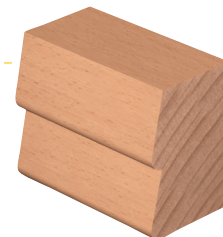
Cornice Profiling Bit



øD	B	Code No.	L	ød
32	58	1560119	96	12



Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

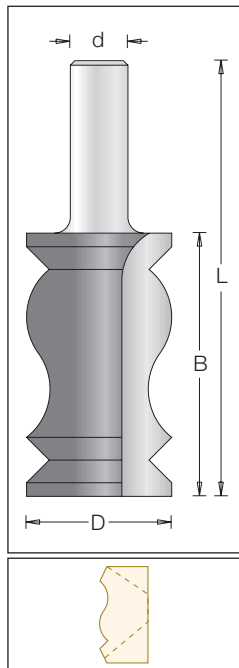


Frame &
Panel door



Carving

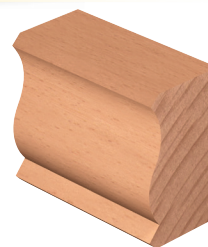
Cornice Profiling Bit



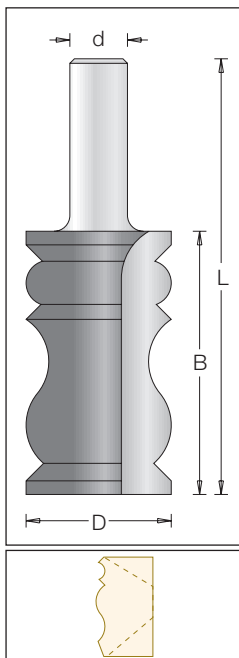
øD	B	Code No.	L	ød
32	58	1560089	96	12



Can be supplied with 1/2" shank.



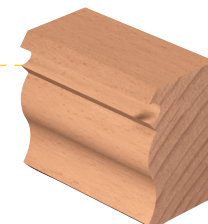
Cornice Profiling Bit



øD	B	Code No.	L	ød
31.4	58	1560039	96	12



Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

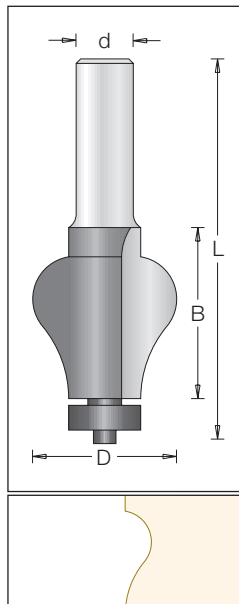


Frame &
Panel door



Carving

Handrail Bit



øD	B	Code No.	L	ød
32	38	1630119	87	12

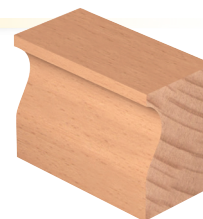


Can be supplied with 1/2" shank.

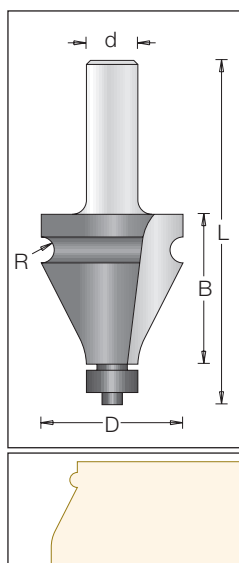
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Handrail Bit



øD	R	B	Code No.	L	ød
35	3.2	37	1630049	86	12

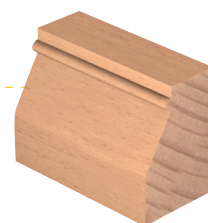


Can be supplied with 1/2" shank.

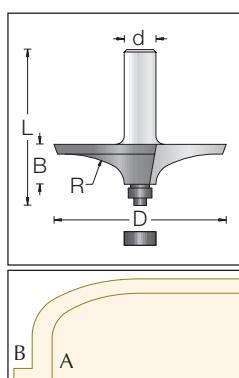
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Thumbnail Bit



øD	R	B	Code No.	L	ød	n	
69.2	43	16	1092289	76	12	18,000	A
	43	16	1192289	74	12	18,000	B



Can be supplied with 1/2" shank.

Spare Parts:

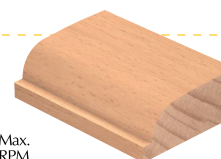


A.Ball Bearing
#191 007 0
12.7x4.7x5



B.Ball Bearing
#191 004 0
9.5x4.7x3

Max.
RPM



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

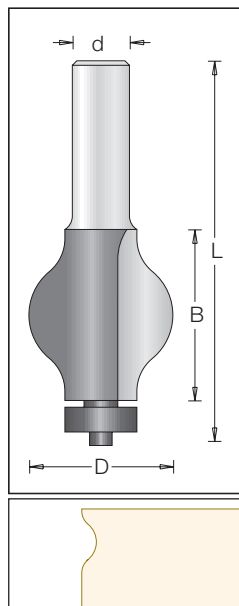


Frame &
Panel door



Carving

Handrail Bit



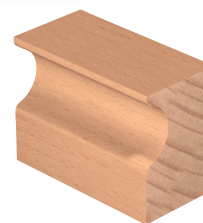
øD	B	Code No.	L	ød
32	38	1630129	87	12

⚠ Can be supplied with 1/2" shank.

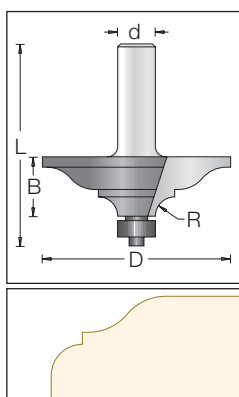
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Classical Bit



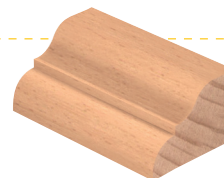
øD	R	B	Code No.	L	ød
63.5	6.5	20	1650079	79	12

⚠ Can be supplied with 1/2" shank.

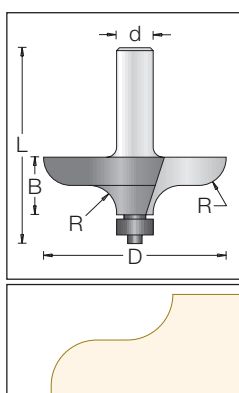
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Traditional Bit



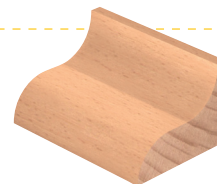
øD	R	B	Code No.	L	ød
63.5	9.5	20	1650049	79	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

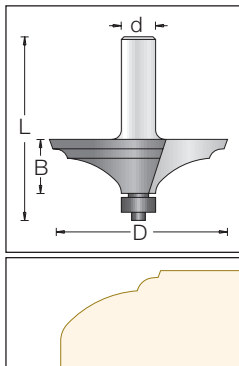


Frame &
Panel door



Carving

Classic Elegant Bit



øD	B	Code No.	L	ød	n
66	20	1650139	79	12	18,000



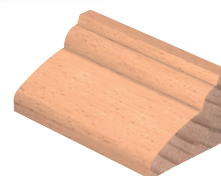
Can be supplied with 1/2" shank.



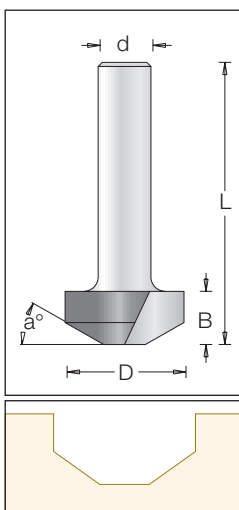
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



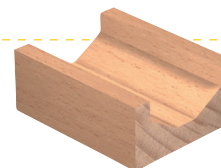
Raised Panel Bit



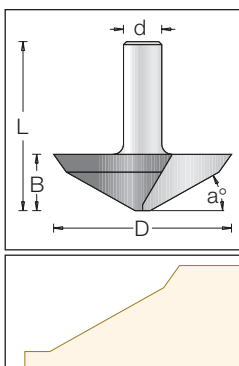
øD	a	B	Code No.	L	ød
28.6	30°	12.7	1290019	69	12



Can be supplied with 1/2" shank.



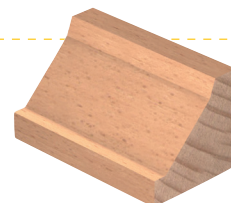
Raised Panel Bit



øD	a	B	Code No.	L	ød	n
67.7	25°	19.1	1291079	67	12	18,000



Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

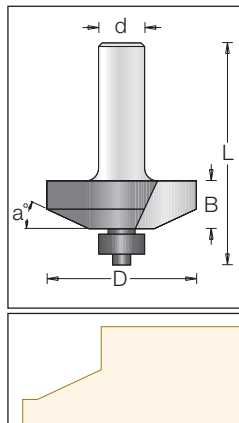


Frame &
Panel door



Carving

Raised Panel Bit



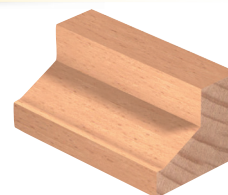
øD	a	B	Code No.	L	ød
41.3	25°	12.7	1230019	62	12

⚠ Can be supplied with 1/2" shank.

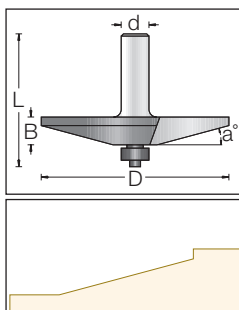
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



øD	a	B	Code No.	L	ød	n
85.8	15°	12.7	1221049	71	12	16,000

⚠ Can be supplied with 1/2" shank.

Max.
RPM

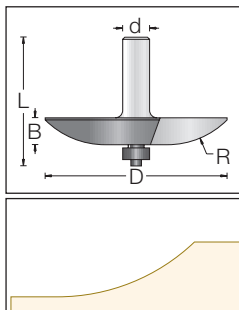
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



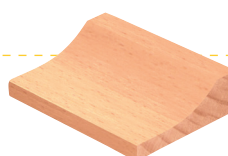
øD	R	B	Code No.	L	ød	n
85.8	40	12.7	1222079	71.5	12	16,000

⚠ Can be supplied with 1/2" shank.

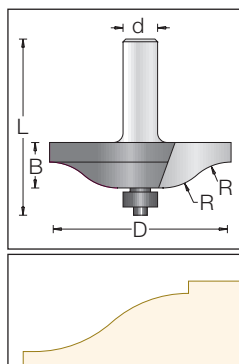
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



øD	R	B	Code No.	L	ød	n
66.6	19	17.0	1220019	76.1	12	
85.7	22	15.9	1220129	75.0	12	16,000

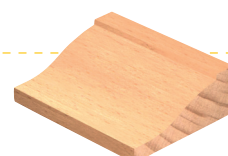
⚠ Can be supplied with 1/2" shank.

Max.
RPM

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

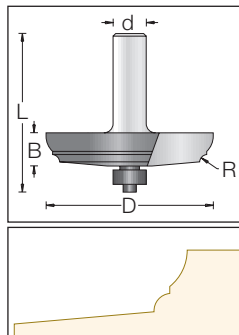


Frame &
Panel door



Carving

Raised Panel Bit



øD	R	B	Code No.	L	ød
63.5	3	12.7	1223119	72	12

⚠ Can be supplied with 1/2" shank.

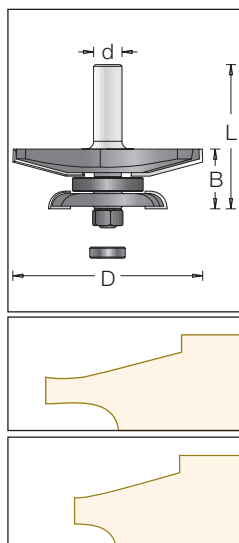
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



	øD	a	R	Code No.	B	L	ød	n
Complete	85.8			1229049	27.5	83.4	12	12,000
Profile cutter	85.8	15		1225049	12.7	83.4	12	
Cutter	54.0		7.9	1225010	7.9			

⚠ Can be supplied with 1/2" shank.

Max.
RPM

Spare Parts:



Ball Bearing
#191 024 0
16x8x5



Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



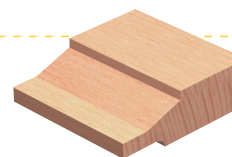
Spacer
#192 013 5
0.5x12



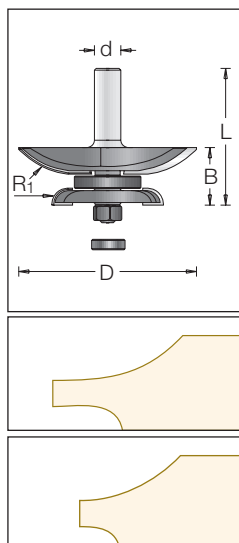
Spacer
#192 120 0
0.05x12



Spacer
#192 115 0
0.1x12



Raised Panel Bit



	øD	R	R1	Code No.	B	L	ød	n
Complete	85.8			1229079	27.5	83.4	12	12,000
Profile cutter	85.8	40		1225079	12.7	83.4	12	
Cutter	54.0		7.9	1225010	7.9			

⚠ Can be supplied with 1/2" shank.

Max.
RPM

Spare Parts:



Ball Bearing
#191 024 0
16x8x5



Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



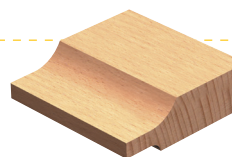
Spacer
#192 013 5
0.5x12



Spacer
#192 120 0
0.05x12



Spacer
#192 115 0
0.1x12



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

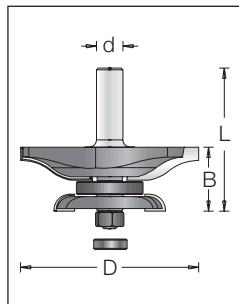


Frame &
Panel door



Carving

Raised Panel Bit



	øD	B	Code No.	L	ød	n
Complete	85.8	30.7	1229129	87.1	12	12,000
Profile cutter	85.8	15.9	1225129	87.1	12	
Cutter	54.0	7.9	1225010			



Can be supplied with 1/2" shank.

Max.
RPM

Spare Parts:



Ball Bearing
#191 024 0
16x8x5



Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



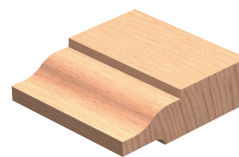
Spacer
#192 013 5
0.5x12



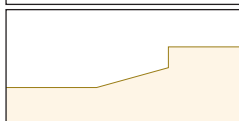
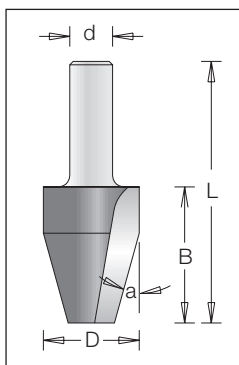
Spacer
#192 120 0
0.05x12



Spacer
#192 115 0
0.1x12



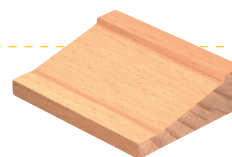
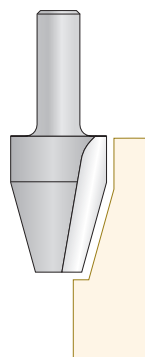
Vertical Paneling Bit



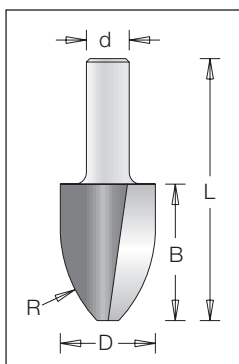
øD	B	Code No.	a	L	ød
28.6	41.3	1224099	15	79.3	12



Can be supplied with 1/2" shank.



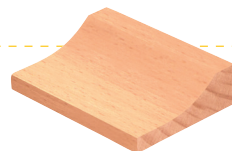
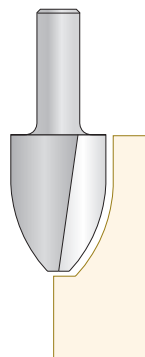
Vertical Paneling Bit



øD	B	Code No.	R	L	ød
28.6	41.3	1224079	40	79.3	12



Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

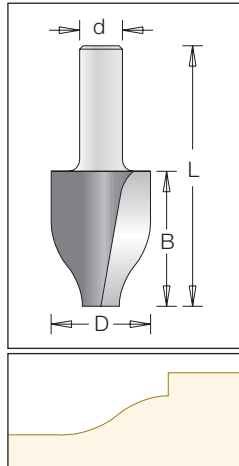


Frame &
Panel door



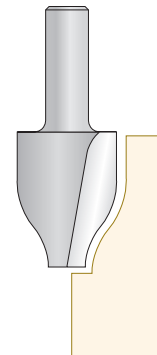
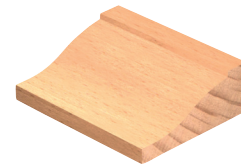
Carving

Vertical Paneling Bit

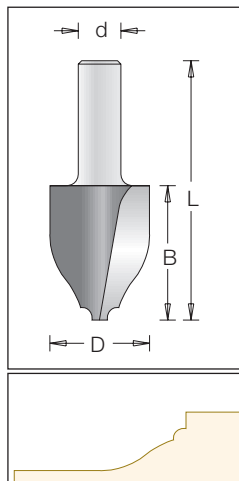


øD	B	Code No.	L	ød
30	41.3	1224089	79.3	12

⚠ Can be supplied with 1/2" shank.

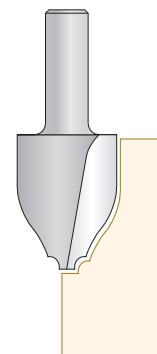
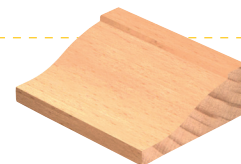


Vertical Paneling Bit



øD	B	Code No.	L	ød
30	41.3	1224059	79.3	12

⚠ Can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

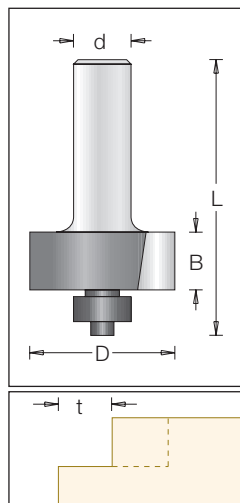


Frame &
Panel door



Carving

Rebating Bit



øD	B	Code No.	t	L	ød	
24.0	12.7	1140053	4.0	53.0	6	B
	12.7	1140013	9.5	51.5	6	A
31.8	12.7	1140015	9.5	55.0	8	A
	12.7	1140019	9.5	61.0	12	A
35.0	12.7	1140063	11.1	52.0	6	A
	12.7	1140065	11.1	55.0	8	A
	12.7	1140069	11.1	61.3	12	A



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

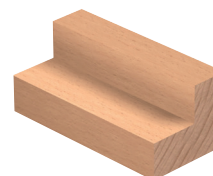
Spare Parts:



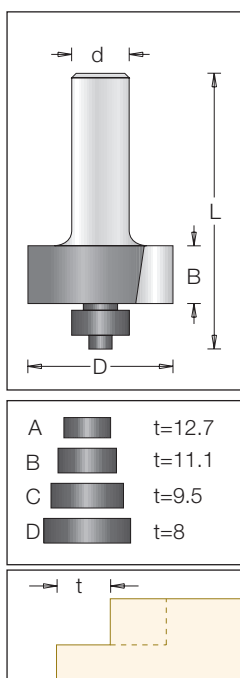
A.Ball Bearing
#191 007 0
4.7x12.7 x5



B.Ball Bearing
#191 005 0
6.3x16x5



Rebating Bit



øD	B	Code No.	L	ød
35	12.7	1144063	52.0	6
	12.7	1144065	55.0	8
	12.7	1144069	61.3	12



6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



A.Ball Bearing
#191 004 0
9.5x4.7x3



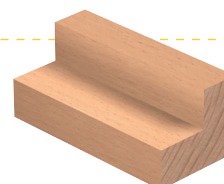
B.Ball Bearing
#191 007 0
12.7x4.7x5



C.Ball Bearing
#191 006 0
16x4.7x5



D.Ball Bearing
#191 015 0
19x4.7x5



Routing



Grooving
& Sizing



Profiling &
Chamfering



Joining &
Rebating

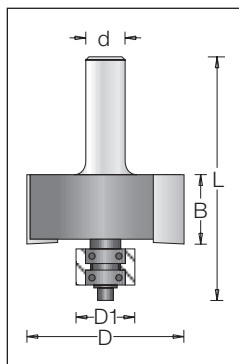


Frame &
Panel door



Carving

Super - Rebate



øD	B	Code No.	L	ød	t
50.8	22.5	1146109	78	12	15.9

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 003 0
6.3x12.7x4.7



Washer
#195 001 0
3.25x7.5x1.0



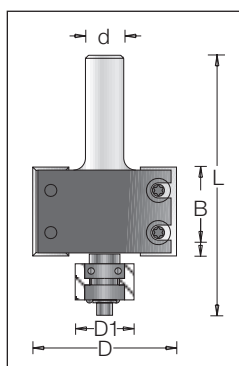
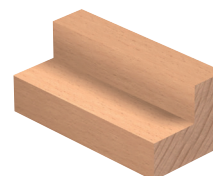
Spacer
#192 027 0
6.5x9.5x2.2



Allen screw
#193 004 0
NC 5-1/2



Allen key
1940010
3/32



øD	B	Code No.	L	ød	t
38.1	12	1143019	66	12	12
50.8	29.5	1143109	84	12	15.9

⚠ Can be supplied with 1/2" shank.

Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



Ball Bearing
#191 003 0
6.3x12.7x4.7



Washer
#195 001 0
3.25x7.5x1.0



Spacer
#192 027 0
6.5x9.5x2.2



Allen screw
#193 004 0
NC 5-1/2



Allen screw
#193 148 2
M4-0.7



Allen key
1940010
3/32



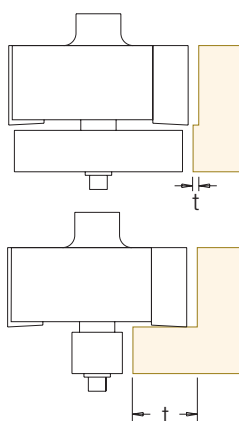
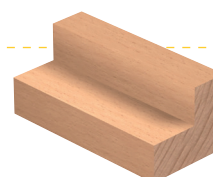
Allen key
1941015
T15



T.C. Blade
#310 723 0
12x29.5x1.5



Ball Bearing
#191 003 0
6.3x12.7x4.7



øD1	Code No.	t
47.6	1929900	1.6
44.4	1929890	3.2
41.3	1929880	4.7
38.9	1929950	5.9
38.1	1929870	6.3
34.9	1929860	7.9
32.5	1929940	9.1
31.7	1929850	9.5
28.6	1929840	11.1
27.0	1929930	11.9
25.4	1929830	12.7
22.2	1929820	14.3
20.6	1929920	15.1
19.0	1929810	15.9
15.9	1929800	17.4
14.3	1929910	18.2

⚠ Can be supplied with 1/2" shank.

14.3	22.2	31.7	38.9
15.9	25.4	32.5	41.3
19.0	27.0	34.9	44.4
20.6	28.6	38.1	47.6

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

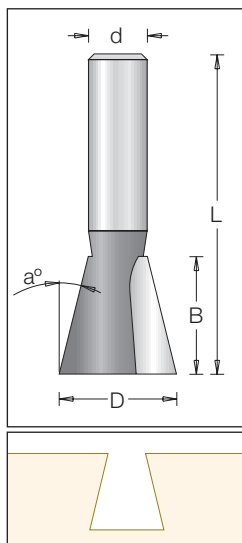


Frame &
Panel door

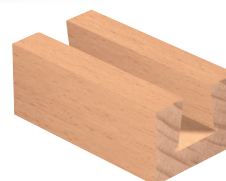


Carving

Dovetail Bit



øD	a	B	Code No.	L	ød
8.0	9°	9.5	1040243*	63.5	6
9.5	9°	9.5	1040013	42.0	6
	9°	9.5	1040015	47.0	8
12.7	14°	12.7	1040043	44.5	6
	14°	12.7	1040045	49.0	8
13.2	13°	13.0	1040853	55.5	6
15.9	7°	15.9	1040073	44.5	6
9.5	9°	9.5	1040019	54.0	12
12.7	14°	12.7	1040049	60.0	12
14.0	5°	19.1	1040369	64.0	12
	7°	22.2	1040109	65.0	12
	5°	25.4	1040379	68.0	12
	7°	22.2	1040139	65.0	12
19.1	14°	19.1	1040169	65.0	12
22.2	7°	22.2	1040199	60.0	12
	14°	22.2	1040229	67.0	12
25.4	14°	25.4	1040259	69.5	12
14.7	12°	14.3	1040053	58.0	6
	12°	14.3	1040055	61.0	8

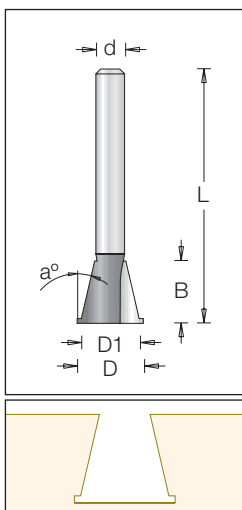


* Solid Carbide

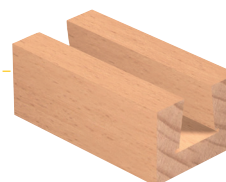
6mm shank can be supplied with 1/4" shank.

12mm shank can be supplied with 1/2" shank.

Spurs Dovetail Bit



øD	øD1	a	Code No.	B	L	ød
14.3	12.7	13°	1040863	13.5	55	6
	12.7	13°	1040865	13.5	58	8



Can be supplied with 1/4" shank.

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

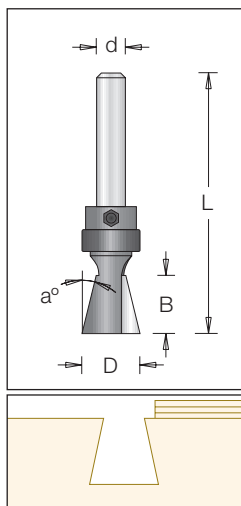


Frame &
Panel door



Carving

Dovetail Bit



øD	a	B	Code No.	L	ød	
12.7	14°	12.7	1042043	56	6	A
14.6	12°	14.0	1042053	60	6	A
8.7	7°	9.5	1042513	58	6	B



Can be supplied with 1/4" shank.

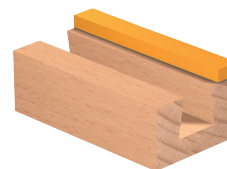
Spare Parts:



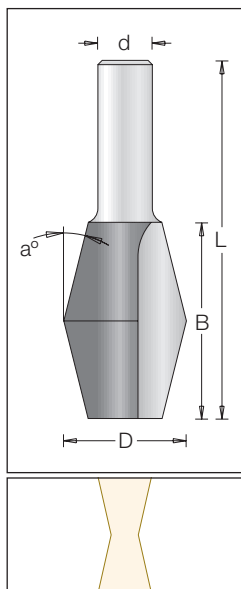
A. Ball Bearing
#191 007 0
12.7x6.3x4.7



B. Ball Bearing
#191 005 0
16x6.3x5



Butterfly Spline Bit

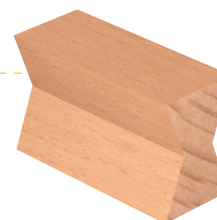
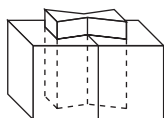


øD	a	B	Code No.	L	ød
28	14°	46	1670019	84	12

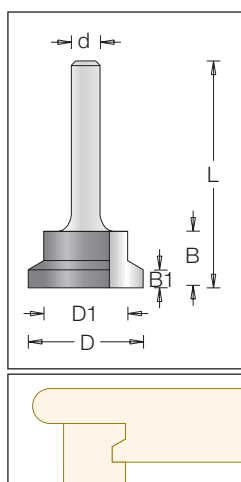


Can be supplied with 1/2" shank.

Use these cutters in conjunction with our 14° dovetail bits Code No.: 1040 04 3, 1040 03 9, 1040 16 9, 1040 22 9, 1040 25 9.



Locking Drawer Glue Joint

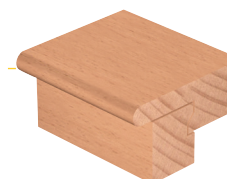


øD	øD1	Code No.	B	B1	L	ød
19.1	12.2	1490013	12.7	4	49	6
25.4	18.5	1490039	12.7	4	49	12



6mm shank can be supplied with 1/4" shank.

12mm shank can be supplied with 1/2" shank.



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

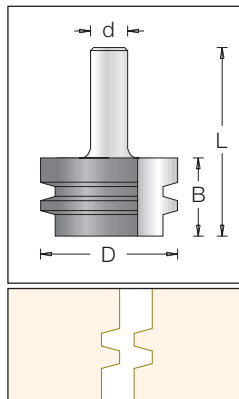


Frame &
Panel door



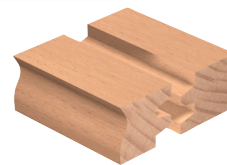
Carving

Glue Joint Bit

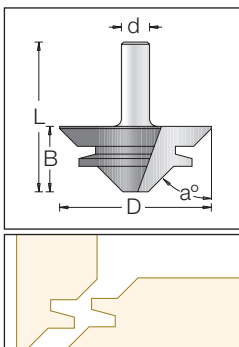


øD	B	Code No.	L	ød
47	28	1490139	66	12

⚠ Can be supplied with 1/2" shank.



45° Lock Mitre Joint Bit

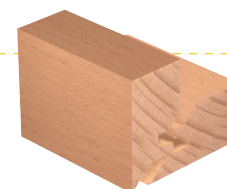


øD	a	B	Code No.	L	ød	n
41.7	45°	16.0	1490053	44.6	6	
44.5	45°	20.0	1490069	58.0	12	
67.0	45°	29.5	1490049	77.5	12	18,000

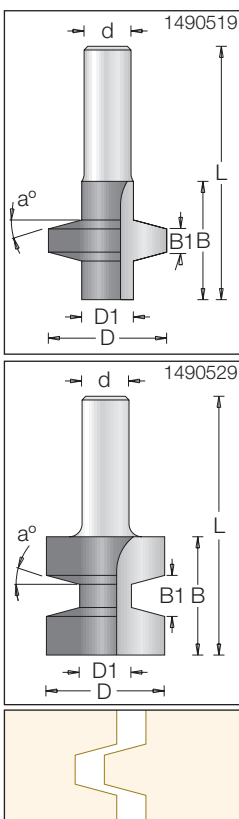
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



Max.
RPM

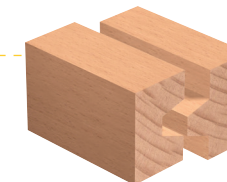


Wedge & Tongue Bit



øD	øD1	Code No.	a	B	B1	L	ød
32.0	14	1490519	15°	32	6.5	70	12
31.5	14	1490529	15°	32	11.1	70	12

⚠ Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

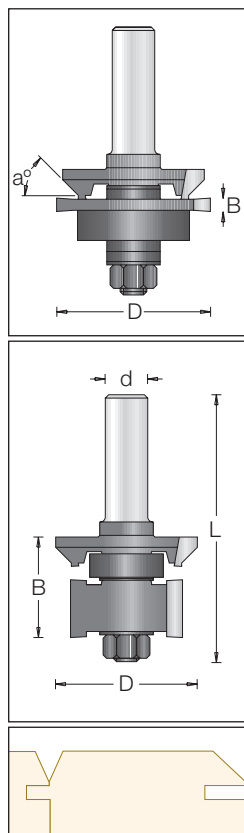


Frame &
Panel door



Carving

Tongue & Groove Bevel Set



	øD	a	B	Code No.	L	ød
Complete	42.5	45°	30.5	1681009	80	12
Profile Cutter	42.5	45°	9.0	1681010		
Rebating Cutter	33.5		17.5	1680010		
Groover	46.0		4.0	1421040		



Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 005 9
L=80



Ball Bearing
#191 013 0
8x22x7



Ball Bearing
#191 945 0
8x33.5x8.6



Washer
#192 011 0
1X16



Spacer
#192 015 0
3X16



Spacer
#192 013 0
0.5X16



Spacer
#192 012 0
0.4X16



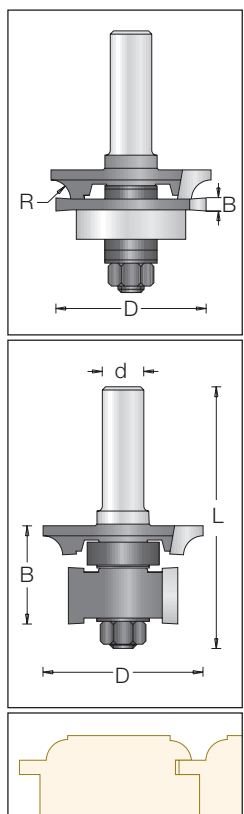
Spacer
#192 100 0
0.1X16



Spacer
#192 050 0
0.05X16



Tongue & Groove Round Set



	øD	R	Code No.	B	L	ød
Complete	49.0	6	1682009	30.5	80	12
Profile Cutter	49.0	6	1682010	9.0		
Rebating Cutter	33.5		1680010	17.5		
Groover	46.0		1421040	4.0		

Spare Parts:



Arbor & Nut
#190 005 9
L=80



Ball Bearing
#191 013 0
8x22x7



Ball Bearing
#191 945 0
8x33.5x8.6



Washer
#192 011 0
1x16



Spacer
#192 015 0
3x16



Spacer
#192 100 0
0.1x16



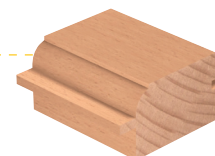
Spacer
#192 050 0
0.05x16



Spacer
#192 013 0
0.5x16



Spacer
#192 012 0
0.4x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

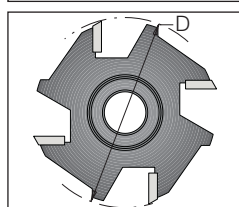
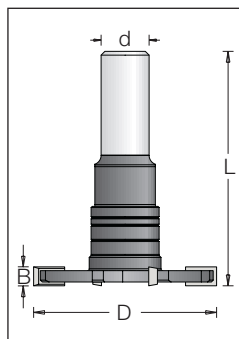


Frame &
Panel door

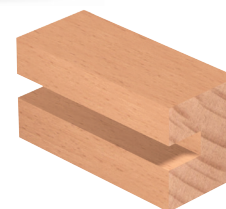


Carving

Slotting Cutter (Flat installation)



øD	Set No.	B	Z	L	ød	Cutter Code No.
40	1086109	10.0	4	61	12	1086100
	5550379	2.0	4	61	12	5550370
	1086519	2.5	4	61	12	1086510
50	1086529	3.0	4	61	12	1086520
	1086539	4.0	4	61	12	1086530
	1086549	5.0	4	61	12	1086540
	1086559	6.0	4	61	12	1086550



Spare Parts:



Arbor
#190 063 9
L=61xM12



Washer
#192 134 0
18x12x4

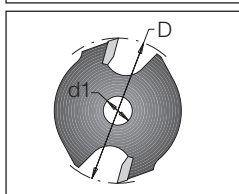
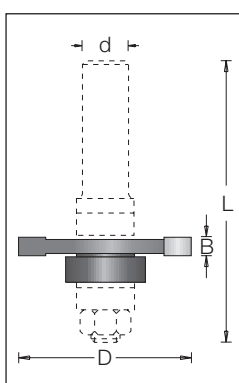


Washer
#192 132 0
18x12x2

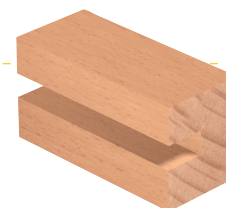


Washer
#192 133 0
18x12x3

Slotting Cutter



øD	ød1	B	Code No.
40	6.35	1.5	1083010
	6.35	2.0	1083020
	6.35	2.5	1083030
	6.35	3.0	1083040
	6.35	4.0	1083050
	6.35	5.0	1083060
	6.35	6.0	1083070
	6.0	1.5	1082010*
	6.0	2.0	1082020*
	6.0	2.5	1082030*
	6.0	3.0	1082040*
	6.0	4.0	1082050*
	6.0	5.0	1082060*
	6.0	6.0	1082070*



The Code No. refers to slotting cutters only. If you wish to order slotting cutters assembled on the arbor, change the last digit of the catalogue number according to the following arbor shaft sizes: 3=6.0mm, 4=1/4", 5=8.0mm, 8=1/2", 9=12mm.

Spare Parts:



Arbor & Nut
#190 010 3
L=55



Arbor & Nut
#190 010 5
L=58



Arbor & Nut
#190 010 9
L=64



Arbor & Nut *
#190 020 3
L=52



Arbor & Nut *
#190 020 5
L=57



Ball Bearing
#191 005 0
16x6.3x5



Ball Bearing *
#191 012 0
19x6x6



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

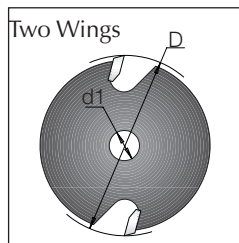


Frame &
Panel door

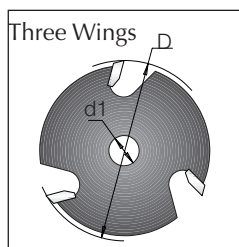


Carving

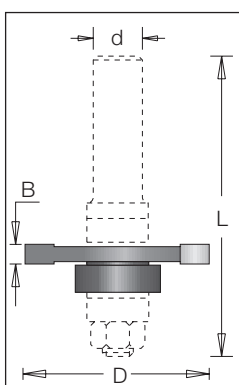
Slotting Cutter



øD	ød1	B	Code No.
47.6	7.94	3	1080600
	7.94	4	1080630
	7.94	5	1080670
	7.94	6	1080700



øD	ød1	B	Code No.
47.6	7.94	1.5	1080730
	7.94	2.0	1080760
	7.94	2.5	1080790
	7.94	3.0	1080820
	7.94	4.0	1080850
	7.94	5	1080880
	7.94	6	1080910



The Code No. refers to slotting cutters only. If you wish to order slotting cutters assembled on the arbor, change the last digit of the catalogue number according to the following arbor shaft sizes: 3=6.0mm, 4=1/4", 5=8.0mm, 8=1/2".

Spare Parts:



Arbor & Nut
#190 004 3
L=67



Arbor & Nut
#190 004 5
L=70



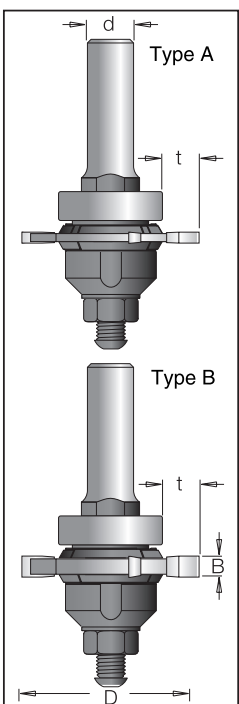
Arbor & Nut
#190 004 9
L=76



Ball Bearing
#191 013 0
22x8x7



Adjustable Slotting System

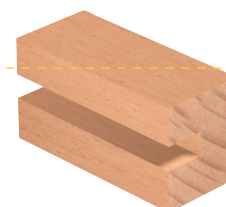


Type	D	B	Code No.	L	t	d
A	50	3.0-5.5	1084609	84.6	10.7	12
A	50	3.0-5.5	1084605	78.5	10.7	8
B	50	5.0-5.5	1084659	88.9	10.7	12
B	50	5.0-5.5	1084655	82.8	10.7	8

PAT. PEND. No. 149909I

- Easy and simple adjustment.
- Continuous width adjustment.
- Shorter setup time.
- Laser etched scale of 0.05mm.

PAT. PEND. No. 149909IL



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

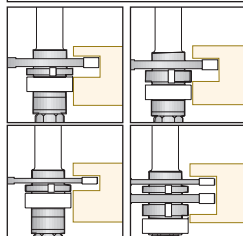
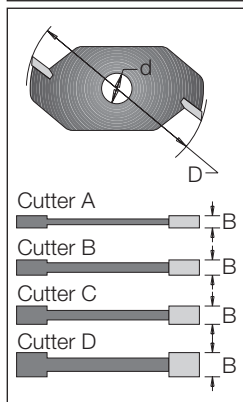
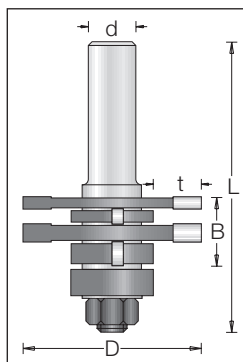


Frame &
Panel door



Carving

Quadriset - Slotting Cutter



	øD	B	Code No.	t	L	ød
Com- plete	47.6	5.7-18.0	1084009	12.8	76.2	12.0
Cutter A	47.6	3.2	1080100			7.94
Cutter B	47.6	4.0	1080130			7.94
Cutter C	47.6	4.8	1080160			7.94
Cutter D	47.6	6.3	1080190			7.94



Recommended combination for varying cutting width. If intermediate cutting widths are required, shims are added or removed accordingly.

Spare Parts:



Arbor & Nut
#190 006 9
L=76



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x15



Spacer
#192 016 0
6x16



Spacer
#192 013 0
0.5x16



Spacer
#192 100 0
0.1x16

Width mm	5.7	6	7	8	9	10	11	12	13	14	15	16	17	18
Cuttter	A	A	A	A	C	C	C	B	B	A	A	A	A	A
Shims		0.3	1	0.7	0.4	1.4	2.4	0.4	4	1	0.4	1.4	1.4	1.5
Cuttter	B	B	C	D	D	D	D	C	C	B	B	B	B	B
Shims								1	1.4	0.3	1.3	1.3	1.3	1.8
Cuttter								D	D	C	C	C	C	C
Shims										1	1	1	2	2.5
Cuttter										D	D	D	D	D

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

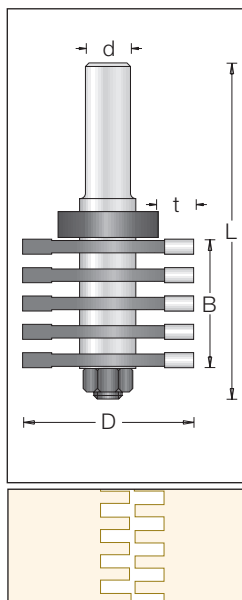


Frame &
Panel door



Carving

Combi Joint Set



øD		Code No.	B	t	L	ød
47.6	Complete	1089019	36	9.3	96	12
47.6	Cutters	1080850	4.0			

Spare Parts:



Delrin Set
#191 950 0
8x28x8.5



Delrin Set
#191 951 0
8x29x8.5



Delrin Set
#191 952 0
8x34x8.5



Arbor & Nut
#190 009 9
L=96



Washer
#192 011 0
8x15.9x1



Spacer
#192 029 0
5.3x16



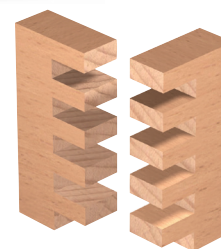
Spacer
#192 013 0
0.5x16



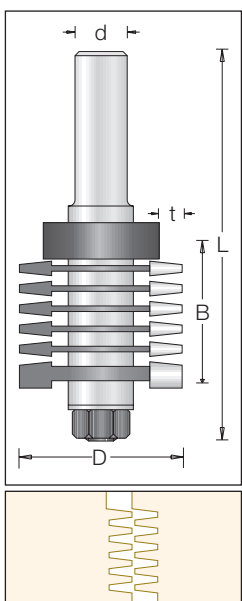
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Two Wings Finger Joints Set



	øD	B	Code No.	t	L	ød
Complete	39.5	33	1089009	5.75	96	12
Cutter A (x5)	39.5	1.85	1089030			
Cutter B (x1)	39.1	5.5	1089200			



Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 040 9
L=96



Ball Bearing
#191 016 0
8x28x7



Washer
#192 011 0
8x16x1.0



Spacer
#192 016 0
6x16



Spacer
#192 020 0
3.4x16



Spacer
#192 011 0
1x16



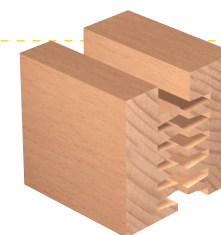
Spacer
#192 013 0
0.5x16



Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

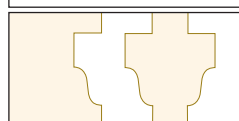
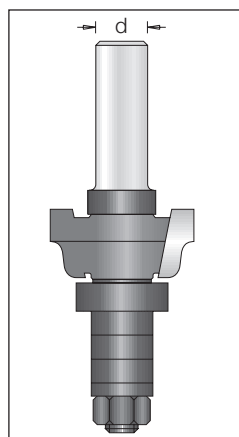
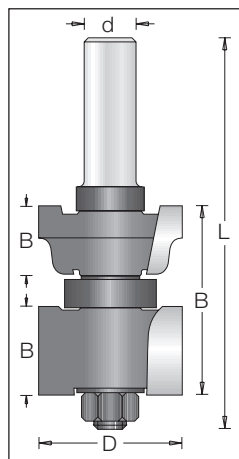


Frame &
Panel door



Carving

Lambs Tongue Sash Bar Set



øD		Code No.	B	L	ød	n
35	Complete	1330209	47	96	12	16,000
35	Profile Cutter	1332010	17			
35	Rebating Cutter	1332040	22			



Can be supplied with 1/2" shank.

Max.
RPM

Spare Parts:



Arbor & Nut
#190 009 9
L=96



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 011 0
8x16x1.0



Spacer
#192 016 0
6x16



Spacer
#192 015 0
3x16



Spacer
#192 013 0
0.5x16



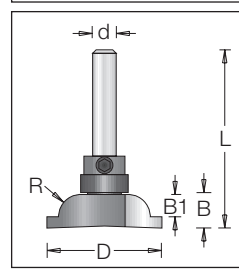
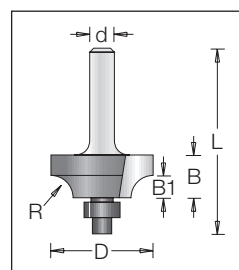
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Set of Stile & Rail Bit



øD	Code No.	B	B1	R	L	ød	
Set No.	1490753						
27.5	1490733	11.5	6	6	50	6	A
30.7	1492743	9.0	6	6	47	6	B



Can be supplied with 1/4" shank.

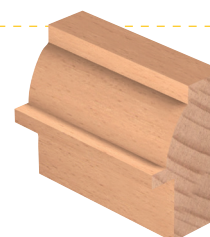
Spare Parts:



A.Ball Bearing
#1910010
9.5x3x4



B.Ball Bearing
#1910030
12.7x6.3x4.7



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

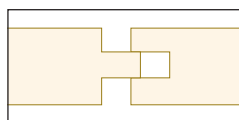
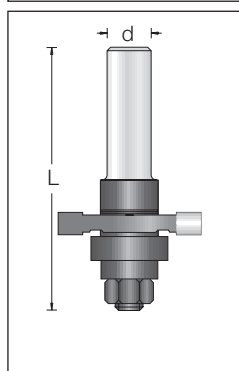
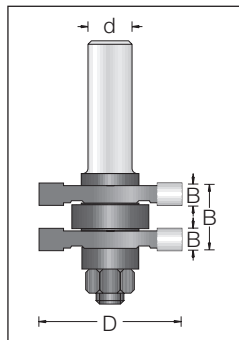


Frame &
Panel door



Carving

Tongue & Groove Cutter Set



	øD	Code No.	B	t	L	ød
41	Complete	1434015	19.0	9.5	70	8
		1434019*	19.0		76	12
	Components	1431040	6.35			
	Groover (x2)					

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut *
#190 004 9
L=76.2



Ball Bearing
#191 013 0
8x22x7



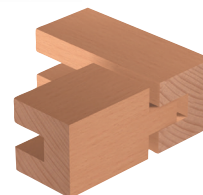
Spacer
#192 016 0
6x16



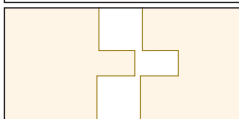
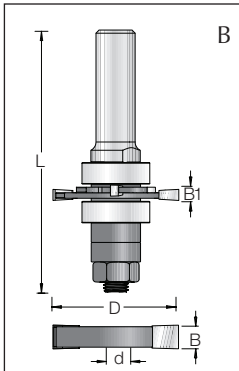
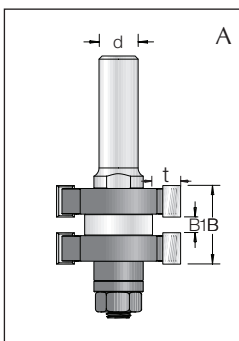
Spacer
#192 011 0
1x16



Spacer
#192 100 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450179	9.5		12
Cutter A	41		1450199		85	12
Cutter B	41		1450189		85	12
Cutter A				9.5		
Groover	41	10.2	1430140			
Groover	41	10.2	1430140			
Cutter B				9.5		
Groover	41	3.5	1430120			
Groover	41	3.5	1430120L			
Groover	41	7.35	1430130			

Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



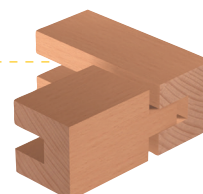
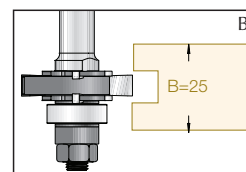
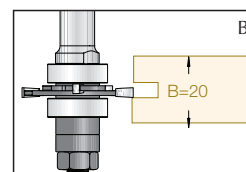
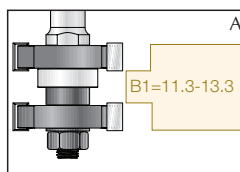
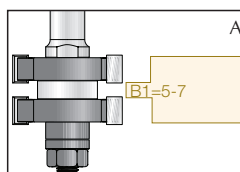
Washer
#192 025 0
3.6x16



Spacer
#192 035 0
6.35x16



Spacer
#192 011 0
1x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

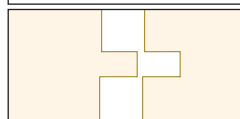
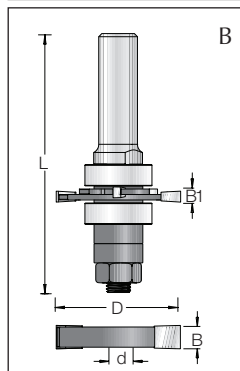
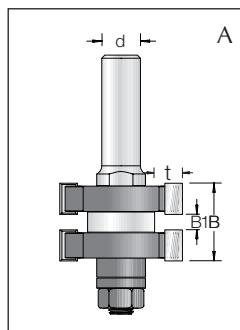


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450229	12.7		12
Cutter A	47.4		1450209		85	12
Cutter B	47.4		1450219		85	12
Cutter A				12.7		
Groover	47.4	10.2	1430220			
Groover	47.4	10.2	1430220			
Cutter B				12.7		
Groover	47.4	3.5	1430230			
Groover	47.4	3.5	1430230L			
Groover	47.4	7.35	1430340			

Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



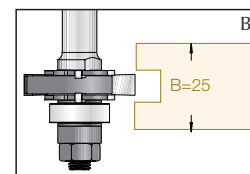
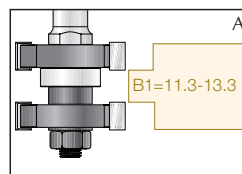
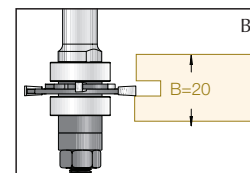
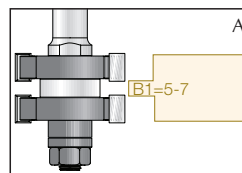
Washer
#192 025 0
3.6x16



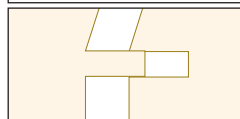
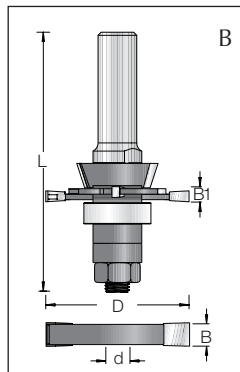
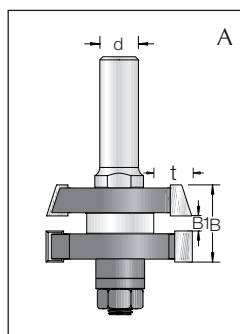
Spacer
#192 035 0
6.35x16



Spacer
#192 011 0
1x16



Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450339	12.7		12
Cutter A	47.4		1450329		85	12
Cutter B	47.4		1450319		85	12
Cutter A				12.7		
Profile Cutter	47.4	10.2	1430160			
Groover	47.4	10.2	1430220			
Cutter B				12.7		
Profile Cutter	26.75	8.0	1430150			
Groover	47.4	3.5	1430230			
Groover	47.4	3.5	1430230L			
Groover	47.4	7.35	1430340			

Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



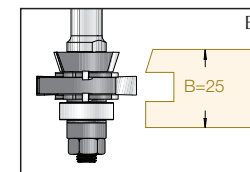
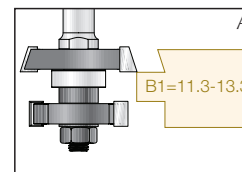
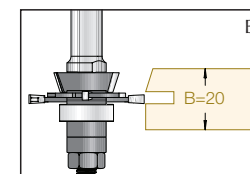
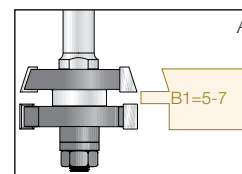
Washer
#192 020 0
3.4x16



Spacer
#192 035 0
6.35x16



Spacer
#192 011 0
1x16



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

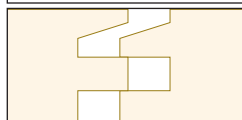
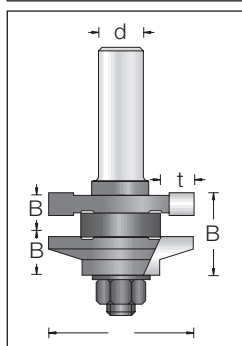
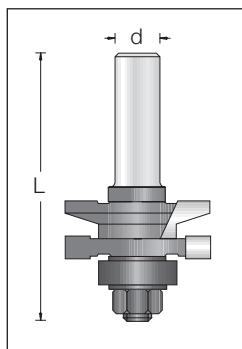


Frame &
Panel door



Carving

Tongue & Groove - Raised Panel Set



øD	Code No.	B	L	ød
41	Complete	1433015	22	70
		1433019*	22	76
	Profile Groover	1431210	11	
	Groove	1431040	6.3	

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut *
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



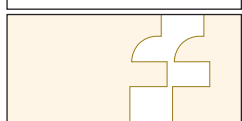
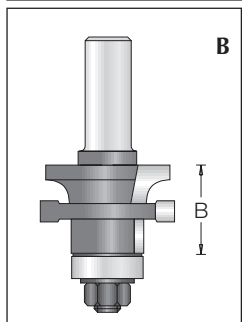
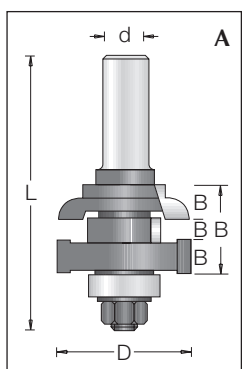
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450039		12
Cutter A	41.0	27.0	1451039	84	12
Cutter B	41.0	27.0	1452039	84	12
Cutter A					
Profile Cutter	40.0	10.7	1450230		
Groover	22.5	7.3	1450120		
Groover	41.0	10.2	1431060		
Cutter B					
Profile Cutter	38.0	11.6	1450130		
Groover	41.0	6.3	1431140		
Groover	22.0	11.0	1450220		

Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



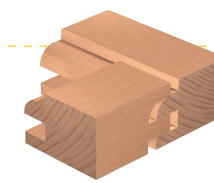
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

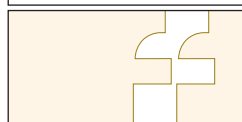
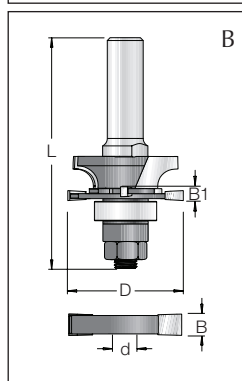
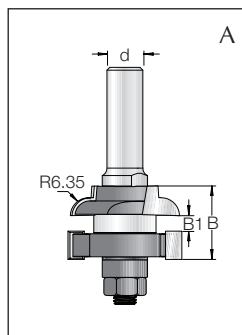


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450099		12
Cutter A	41		1450109	85	12
Cutter B	41		1450119	85	12
Cutter A					
Profile Cutter	40	10.6	1450230		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	38	11.6	1450130		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		

Spare Parts:



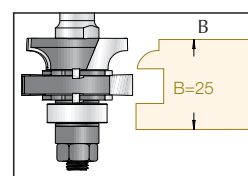
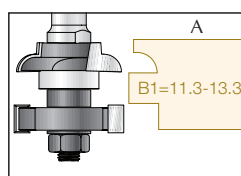
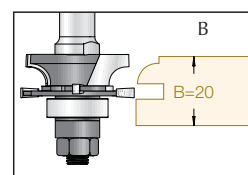
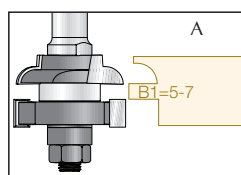
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16

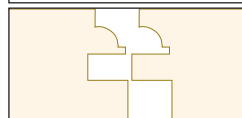
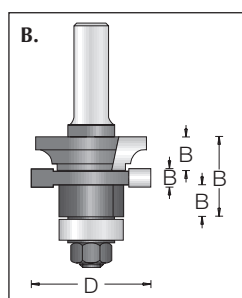
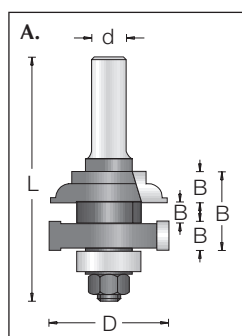


Spacer
#192 035 0
6.35x16



Washer
#192 012 0
04x16

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450049		12
Cutter A	41.0	27.0	1451049	84	12
Cutter B	41.0	27.0	1452049	84	12
Cutter A					
Profile Cutter	40.0	10.7	1450240		
Groover	22.5	7.3	1450120		
Groover	41.0	10.2	1431060		
Cutter B					
Profile Cutter	38.0	11.6	1450140		
Groover	41.0	6.3	1431140		
Groover	22.0	11.0	1450220		

Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

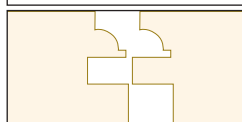
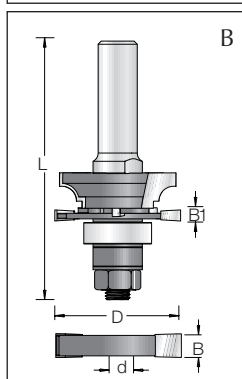
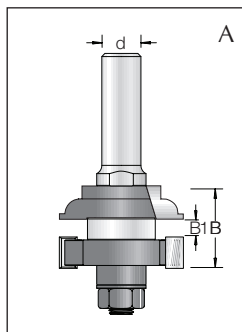


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450259		12
Cutter A	41		1450249	85	12
Cutter B	41		1450239	85	12
Cutter A					
Profile Cutter	40	10.7	1450260		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	38	11.6	1450140		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		

Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 035 0
6.35x16



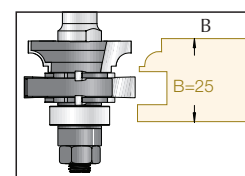
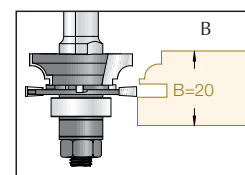
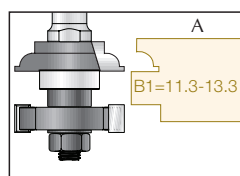
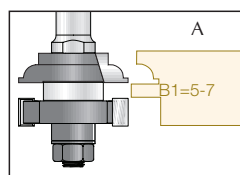
Spacer
#192 100 0
0.1x16



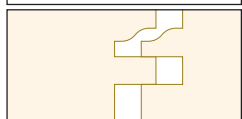
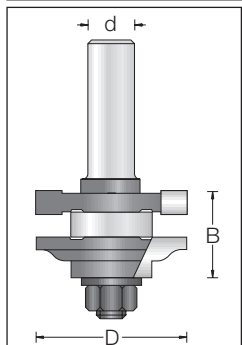
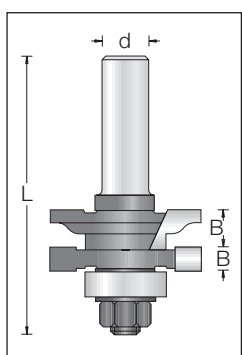
Spacer
#192 011 0
1x16



Washer
#192 050 0
0.05x16



Tongue & Groove Flat Classic Set



	øD	B	Code No.	L	ød
Complete	41	22.0	1430015	70	8
	41	22.0	1430019*	76	12
Profile Cutter	41	11.0	1431010		
Groover	41	6.3	1431040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



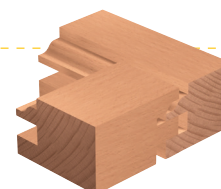
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

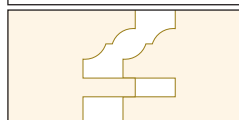
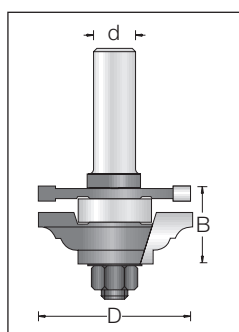
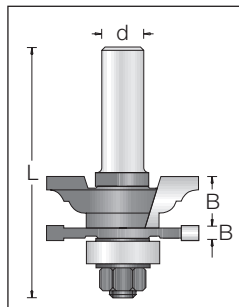


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1440015	70	8
	46	22	1440019*	76	12
Profile Cutter	46	15	1441010		
Groover	46	4	1421040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



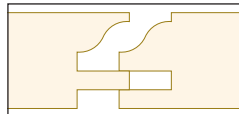
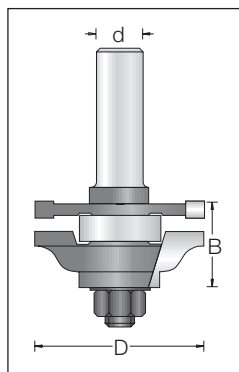
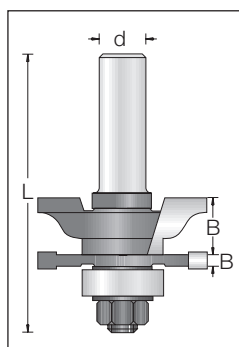
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1420015	70	8
	46	22	1420019*	76	12
Profile Groover	46	15	1421010		
Groover	46	4	1421040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



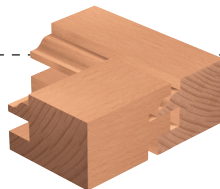
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

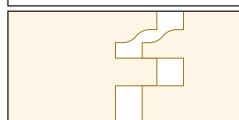
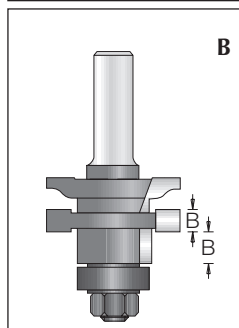
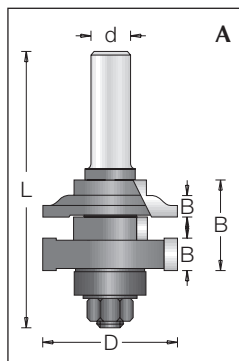


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450029		12
Cutter A	41	27.0	1451029	84	12
Cutter B	41	27.0	1452029	84	12
Cutter A					
Profile Cutter	41	10.9	143101L		
Groover	22	7.3	1450120		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	41	10.9	1431310		
Groover	41	6.3	1431140		
Groover	22	11.0	1450220		

Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



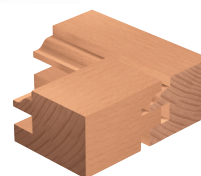
Washer
#192 011 0
1x16



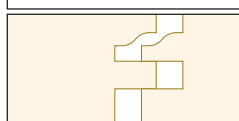
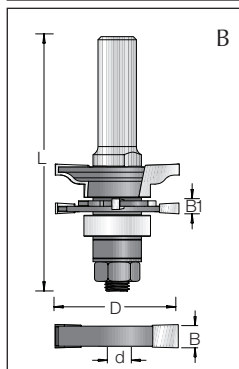
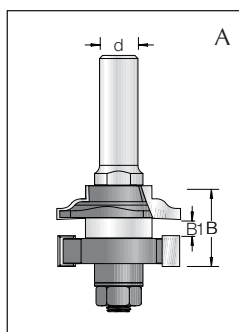
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450289		12
Cutter A	41		1450309	85	12
Cutter B	41		1450299	85	12
Cutter A					
Profile Cutter	41	10.9	1431150L		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	41	10.9	1431310		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		

Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 035 0
6.35x16



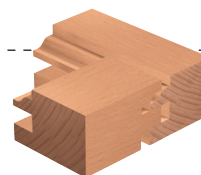
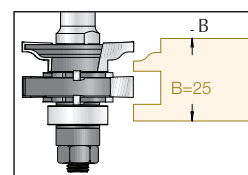
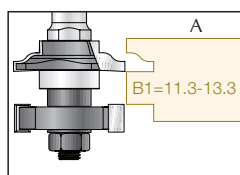
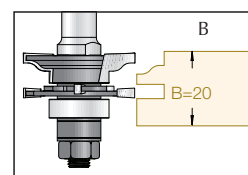
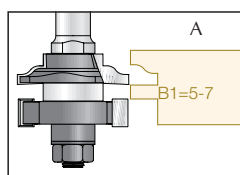
Spacer
#192 050 0
0.05x16



Spacer
#192 011 0
1x16



Washer
#192 100 0
0.1x16



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

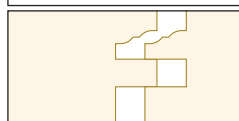
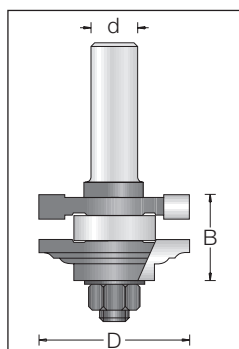
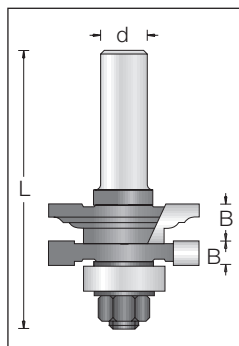


Frame &
Panel door



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	41	22	1432015	76.2	8
	41	22	1432019*	76.2	12
Profile Cutter	11	11	1431110		
Groover	41	6.3	1431040		



Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16

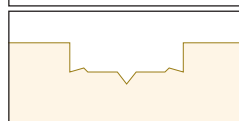
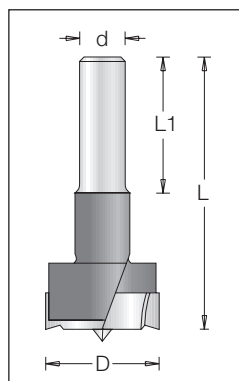


Spacer
#192 100 0
0.1x16

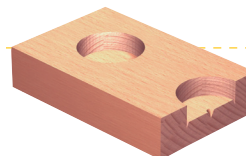


Spacer
#192 050 0
0.05x16

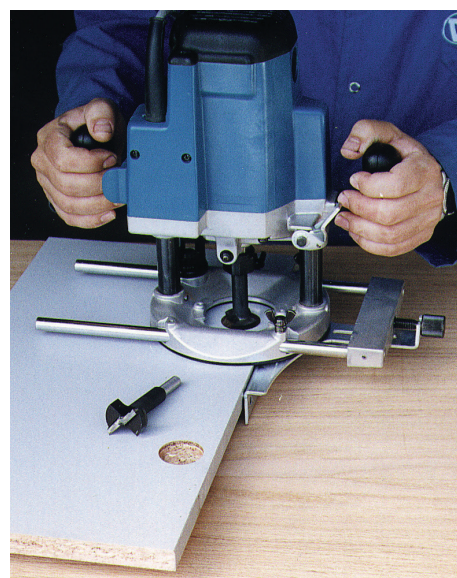
Drills for Routers



øD	Code No.	L1	L	ød
25	2034415	30	60	8
	2034419	30	60	12
30	2034465	30	60	8
	2034469	30	60	12
35	2034515	30	60	8
	2034519	30	60	12



Can be supplied with 1/2" shank.



Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating

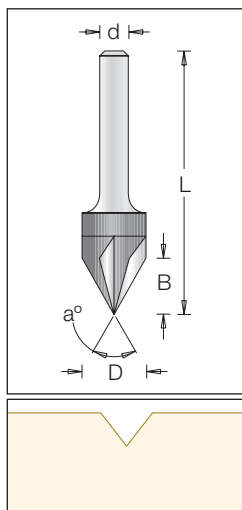


Frame &
Panel door



Carving

V Groove Bit - for Engraving Wood



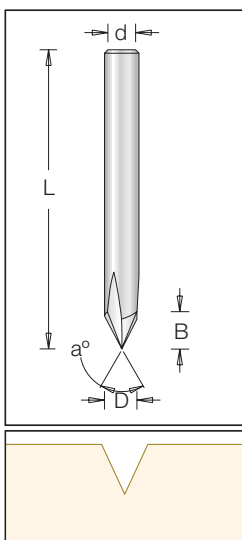
øD	a	B	Code No.	L	ød
14	60°	12.0	1053043*	57	6
	60°	12.0	1053045*	57	8



* Solid Carbide
Can be supplied with 1/4" shank.



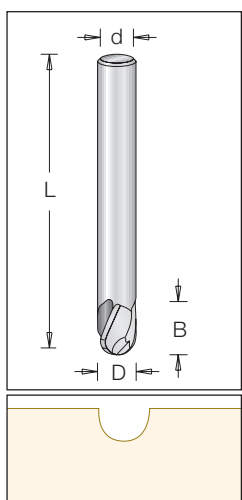
Solid Carbide Grooving and Engraving



øD	a	Code No.	B	L	ød
8	60°	so1053155	7	70	8



Solid Carbide Radius Grooving



øD	R	Code No.	B	L	ød
6	3	so1063043	9	60	6
8	4	so1063085	11	70	8
10	5	so1063097	13	80	10



ROUTING

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating



Frame &
Panel door



Carving

Ball Bearing Parts



Ball Bearing



Washer



Spring
Washer



screw



Lock Ring



Retaining
Ring

No.	d	D	B	d	D	d	d	D	B
001	1910020						1930020		
	1/8	1/4	7/64				NC2-7/32		
002	1910010			1920010		1950040	1930070		
	1/8	3/8	5/32	1/8	3/8	3/32	NC3-3/8		
003	1910040			1920040		1950010	1930010		
	3/16	3/8	1/8	3/16	5/16	1/8	NC5-3/8		
004	1910070			1920070		1950010	1930010		
	3/16	1/2	5.0	3/16	1/2	1/8	NC5-3/8		
005	1910060			1920100		1950010	1930040		
	3/16	5/8	5.0	5.0	16.0	1/8	NC5-1/2		
006	1910150			1920100		1950010	1930040		
	3/16	3/4	5.0	5.0	16.0	1/8	NC5-1/2		
007	1910050			1920040			1930080		
	1/4	5/8	5.0	3/16	5/16		NF10-1/2		
008	1910100			1920100		1950010	1930010		
	5.0	16.0	5.0	5.0	16.0	1/8	NC5-3/8		
009	1910140			1920040			1930080		
	1/4	3/4	9/32	3/16	5/16		NF10-1/2		
010	1910140					1950800	1930080		
	1/4	3/4	9/32			3/16	NF10-1/2		
011	1910030						1930211	1970110	
	1/4	1/2	3/16				NC5-40 L=2.5	1/4	11.0 5.0
012	1910050						1930211	1970110	
	1/4	5/8	5.0				NC5-40 L=2.5	1/4	11.0 5.0
013	1910140						1930211	1970110	
	1/4	3/4	9/32				NC5-40 L=2.5	1/4	11.0 5.0
014	1910200						1930211	1970500	
	1/2	3/4	5/32				NC5-40 L=2.5	1/2	18.2 6.0
015	1910130								1960050
	8.0	22.0	7.0						DIN 471-8

Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating



Frame &
Panel door



Carving

Ball Bearing Parts



Ball Bearing



Washer



Spring
Washer



screw

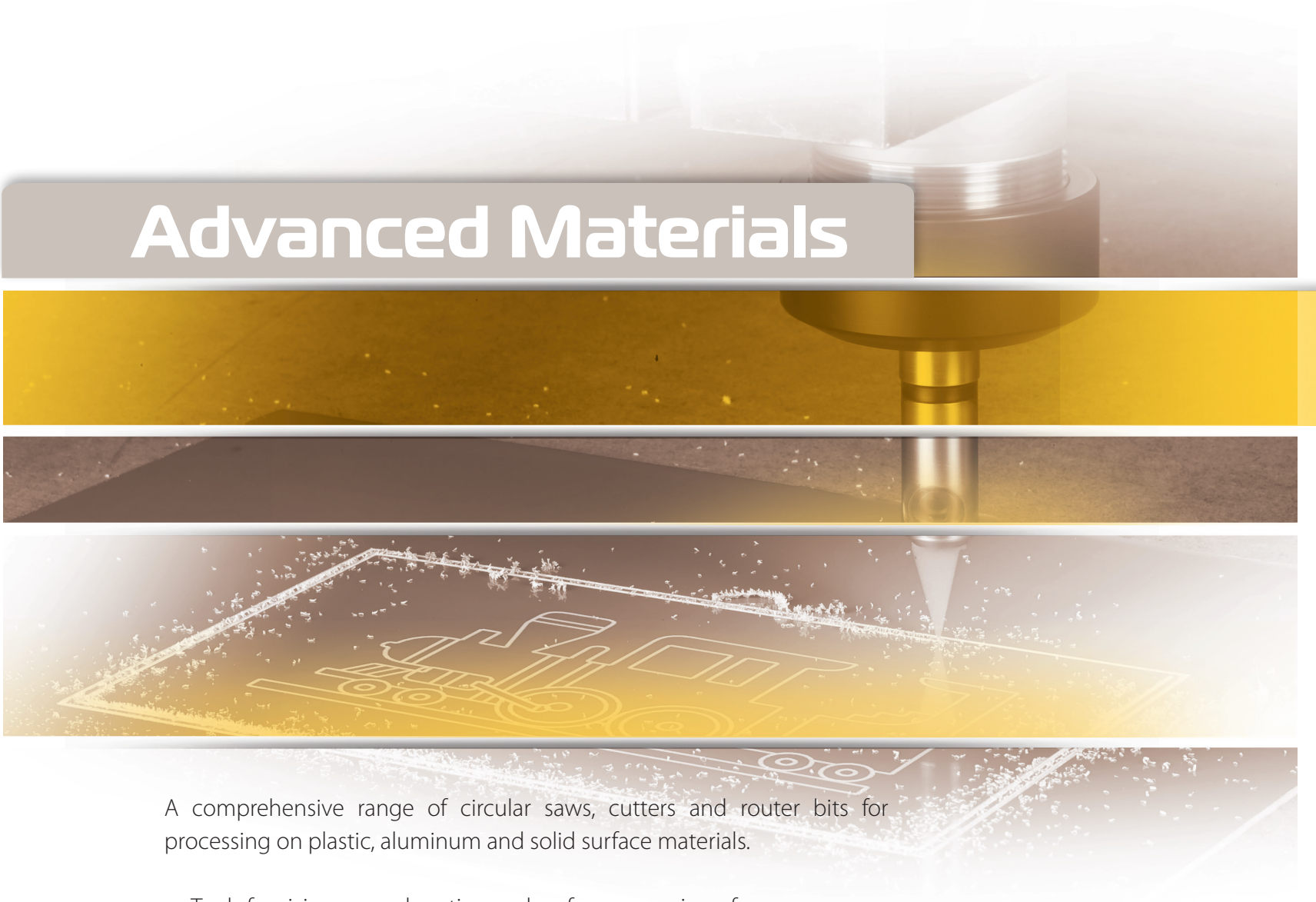


Lock Ring



Retaining
Ring

No.	d	D	B	d	D	d	d	D	B
016	1910030			1920320			1930211		1970110
	1/4	1/2	3/16	1/4	7/16		NC5-40 L=2.5		1/4 11.0 5.0
017	1910170						1930211		1970160
	10.0	26.0	8.0				NC5-40 L=2.5		3/8 16.0 5.0
018	1910190								1960060
	15.0	35.0	11.0						DIN 471-15
019	1910180						1930211		197020
	1/2	1 1/8	5/16				NC5-40 L=2.5		1/2 20.0 6.0
020	1919210						1930211		1970500
	15.0	25.4	6.0				NC5-40 L=2.5		1/2 18.2 6.0
021	1919221						1930211		1970200
	15.0	38.1	9.0				NC5-40 L=2.5		1/2 20.0 6.0
022	1910130						1930211		1970 11 0
	8.0	22.0	7.0				NC5-40 L=2.5		1/4 11.0 5.0
023	1910050								1960050
	1/4	5/8	5.0						DIN 471-8
024	1919220						1930 21 1		
	15.0	31.8	8.5						
025	1910240			1920040			1930080		
	8.0	16.0	5.0	3/16	5/16		NF10-1/2		
026	1910240								1960050
	8.0	16.0	5.0						DIN 471-8
027	1910310			1920040			1930080		
	8.0	14.0	4.0	3/16	5/16		NF10-1/2		
028	1910190			1920145					1960060
	15.0	35.0	11.0	15 30	1.0				DIN 471-15



Advanced Materials

A comprehensive range of circular saws, cutters and router bits for processing on plastic, aluminum and solid surface materials.

- Tools for sizing, carved routing and surface engraving of plastics.
- Sizing and carve routing of aluminum.
- Tools for cutting and routing solid surface material.

Carbide type, tool geometry, grinding and cutting edge finish giving longer lifetime and superior cutting quality.



OTHER MATERIALS INDEX

Illustrated Visual Index	334
Plastic	335 - 344
Solid Surface Materials	345 - 357
Aluminum	356 - 361

Advanced Materials



Plastic



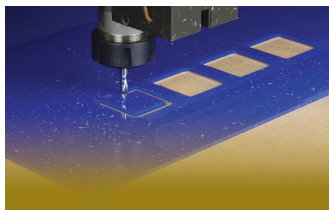
Corian



Aluminum



Composites



Plastic (Page: 335-344)
Saw Blocks & Routers for Plastic

			
	336	337	338

				
#1854 339	#1855 339	#1850 340	#1870 340	#1854 341-344



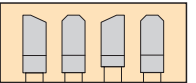
Solid Surface Materials (Page: 345-357)
Routers for Fabricating Solid Surface Materials

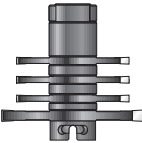
												
#1250 346	#1540 346	#1014 347	#1014 347	#1072 348	#1510 348	#1031 349	#1040 349	#1612 349	#1520 350	#1612 350	#1530 350	#1530 351

														
#1530 351	#1130 351	#1550 352	#1553 352	#1550 352	#1554 353	#1564 353	#1564 354	#1062 354	#1590 355	#1592 355	#1594 355	#1621 356	#1600 356	#1084 357

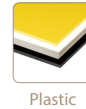


Aluminum (Page: 358-3361)
Saw Blades & Routers for Aluminum

			
	358	359	360

		
#902 360	#1855 361	#1854 361

PLASTIC



Plastic



Corian



Aluminum



Composites

Plastic

Generic name for materials made from Polymer chains

There is enormous variety of plastics. Various combinations of Polymer structures & sizes could create new mechanical properties. Those different materials are spread over the complete scale of each property (very soft to very hard, clear to blank, heat sensitivity to heat resistance, e.g.). No doubt it is difficult to define the exact cutting condition of rotation speed in related to the cutting feed.

Kindly, refer to a couple guidelines to optimize cutting process:

- The larger the chip size, the larger the tool lifetime.
- For "elastic/soft" material, we highly recommend to work with a minimal number of cutting edges; For Instance, it is preferable to work with 1 flute, not with 2 flutes.
- For "hard/ breakable" material, it is preferable to use with additional cutting edges; for instance: Using 300 diameter saw with 96 teeth, not 60 teeth.
- Tools for use in plastics are characterized by extremely sharp cutting angles. Carbide tips is required to support an angle in order not to crumble during cutting.

In order to define the material it is recommended to use the table below:

Polymer	Tensile Strength MPa	(%) Elongation	Tensile Modulus MPa
HDPE	21-35	15-100	700-1400
LDPE	7-21	50-800	100-250
PP	30-40	150-600	
PS	33-35	1-4	2400-3350
PVC	35-63	2-30	2000-4200
ABS	35-48	15-80	1750-2500
PA 6/6	84	60-100	2070-3245
PA 6/12	62	150-340	2100
PC	63	110	2400
PMMA	55-75	5	2400-3100
Polyester	56	300	2400
Polysulfones	70.3	5-6	2482
PEEK	100	40	3900
PET	45-145		2300-10300
PVDC	19	350	345-552
Cellulosics	14-15	6-60	690-2100
PAI	125-185	5-12	710-4900
Polyacrylates	69	50	2400-16600
PPO	55	50	2484-2622
Polyimides	69	50	3588

The property of the tensile modulus and the elongation can give a good idea where the material belongs: is it more breakable or is it considered to be soft?

As the tensile modulus gets bigger and the elongation gets smaller, the material becomes harder and more cutting edges can be used.

This table can also give a perspective of a new material regarding a material that is already known.

PLASTIC



Plastic



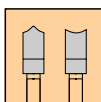
Corian



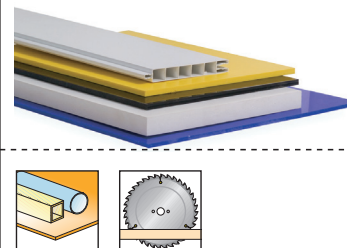
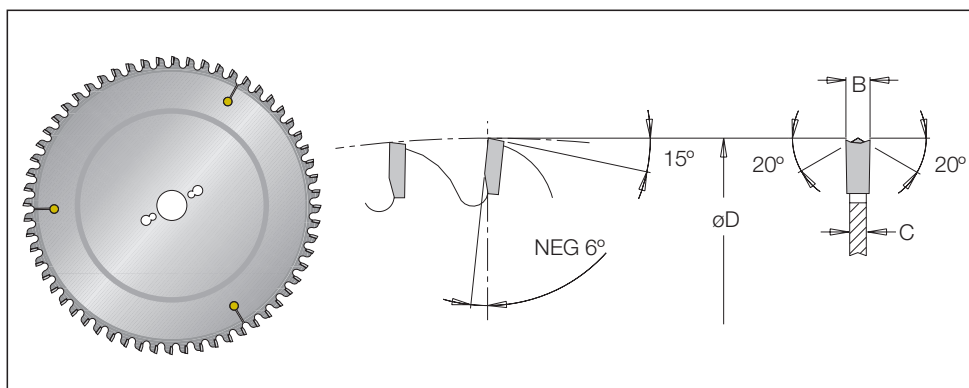
Aluminum



Composites



MDN - Trimming & Sizing Saw Blade



øD	Teeth	Code No.	B	c	n	m/min	ød
220	42	90110656	3.2	2.2	6000-8600	13-18	30
253	48	90110136	3.2	2.2	5200-7500	12-17	30
303	60	90110856	3.2	2.2	4400-6300	13-19	30

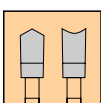
Manufacturing Technology:



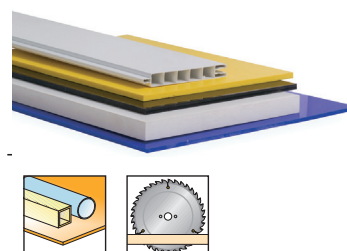
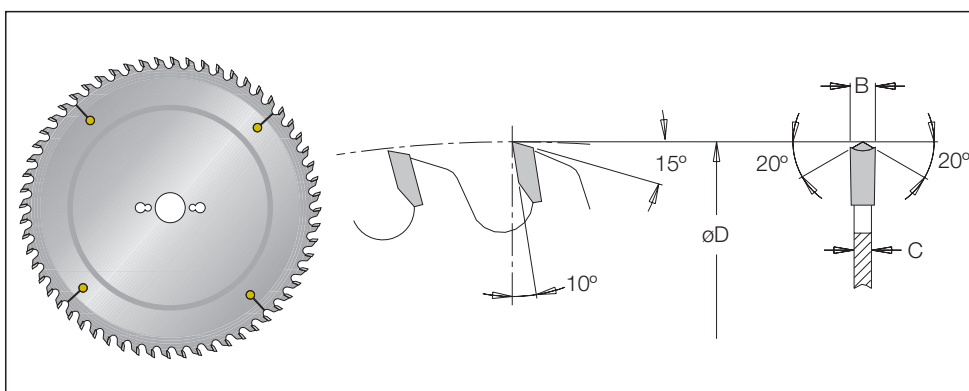
Dynamic Balancing



Dynamic Straightness



MD - Trimming & Sizing Saw Blade



øD	Teeth	Code No.	B	c	n	m/min	ød
220	42	90110606	3.2	2.2	6000-8600	13-18	30
230	42	90110706	3.2	2.2	5800-8300	12-17	30
253	48	90110106	3.2	2.2	5200-7500	12-18	30
303	60	90110256	3.3	2.4	4400-6300	13-19	30
350	72	90110306	3.2	2.2	3800-5400	14-19	30

Manufacturing Technology:



Dynamic Balancing



Dynamic Straightness
Above 250
Diameter

PLASTIC



Plastic



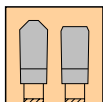
Corian



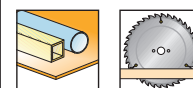
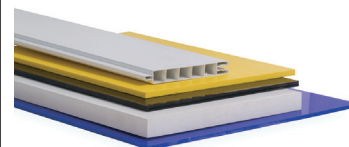
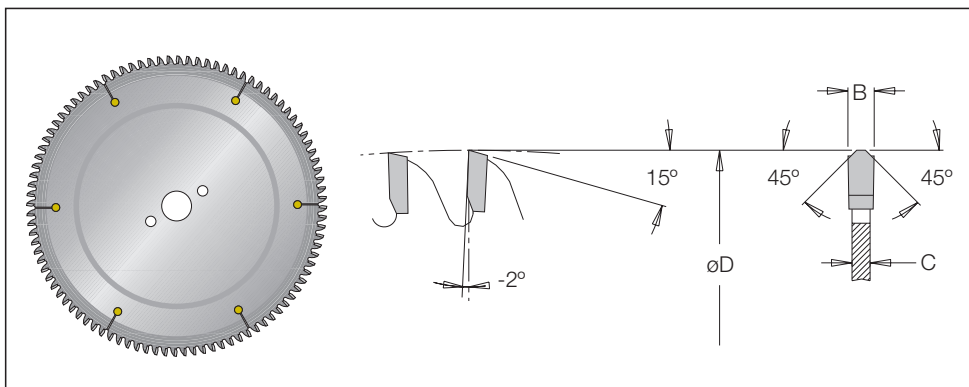
Aluminum



Composites



MUP - Plastic Trimming & Sizing Saw Blade



øD	Teeth	Code No.	B	c	ød	m/min	ød
250	80	90107036	2.5	1.8	30	13-18	30
300	96	90107066	3.3	2.6	30	12-17	30
350	108	90107096	3.7	3.0	30	13-19	30

Manufacturing Technology:



Dynamic
Straightness

PLASTIC



Plastic



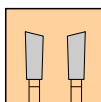
Corian



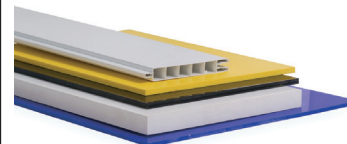
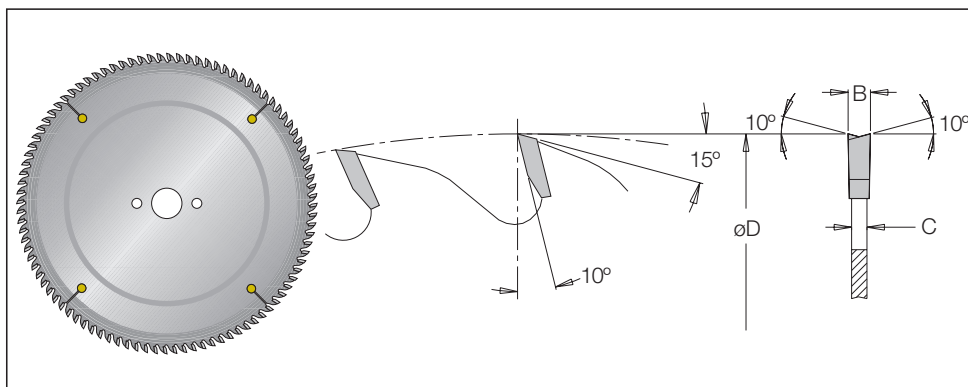
Aluminum



Composites



MW - Trimming & Sizing Saw Blade



øD	Teeth	Code No.	B	c	ød	n	m/min
150	30	90103506	3.0	2.0	30	6300-10100	32-52
	36	90103606	3.0	2.0	30	6300-10100	39-62
	48	90105306	3.0	2.0	30	6300-10100	51-82
180	42	90103806	3.0	2.0	30	5300-8400	38-60
	58	90105406	3.0	2.0	30	5300-8400	52-83
200	48	90104006	3.0	2.0	30	4700-7600	38-62
	64	90105506	3.0	2.0	30	4700-7600	51-83
220	48	90104036	3.0	2.0	30	4300-6900	35-56
	64	90105596	3.0	2.0	30	4300-6900	47-75
250	60	90104106	3.2	2.2	30	3800-6100	39-62
	80	90105706	3.2	2.2	30	3800-6100	52-83
300	60	90104206	3.2	2.2	30	3100-5000	32-51
	72	90104306	3.2	2.2	30	3100-5000	38-61
	96	90105806	3.2	2.2	30	3100-5000	51-82
350	72	90104406	3.5	2.5	30	2700-4300	33-53
	84	90104506	3.5	2.5	30	2700-4300	39-61
	108	90105906	3.5	2.5	30	2700-4300	50-79
400	96	90104606	3.5	2.5	30	2300-3800	38-62
	120	90106006	3.5	2.5	30	2300-3800	47-78
450	108	90104626	4.0	2.8	30	2100-3300	39-61
	132	90106036	4.0	2.8	30	2100-3300	47-74
500	120	90104636	4.4	3.0	30	1900-3000	39-61

Manufacturing Technology:



Dynamic
Straightness
Above 250
Diameter

PLASTIC



Plastic



Corian

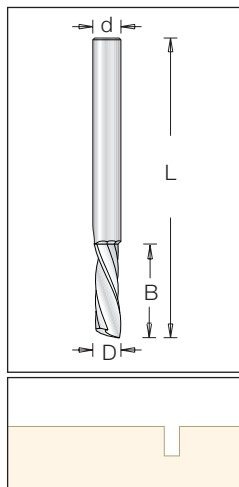


Aluminum

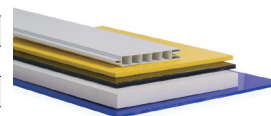


Composites

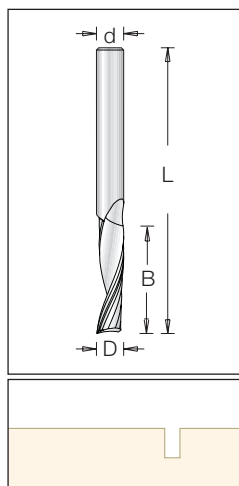
Single spiral "O" flute, down shear angle, mirror finish



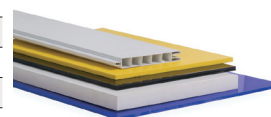
D	B	Code No.	L	ød
3.0	11.0	185411Z	50	3.0
3.2	12.7	185417Z	50	3.2
4.0	13.0	185412Z	50	4.0
4.75	16.0	185423Z	50	4.75
5.0	18.0	185413Z	60	5.0
6.0	20.0	1854143	60	6.0
6.35	19.0	1854314	50	6.35



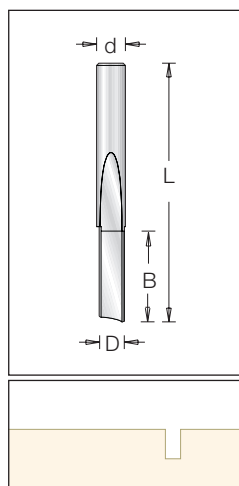
Single spiral O flut up shear angle Mirror finish



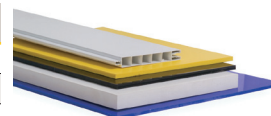
D	B	Code No.	L	ød
3.0	11.0	185511Z	50	3.0
3.2	12.7	185517Z	50	3.2
4.0	13.0	185512Z	50	4.0
4.75	16.0	185523Z	50	4.75
5.0	18.0	185513Z	60	5.0
6.0	20.0	1855143	60	6.0



Single Straight O Flute



D	B	Code No.	L	ød
3.18	12.75	1850104	50	6.35
4.76	16.0	1850224	50	6.35
6.35	19.05	1850304	50	6.35
6.35	25.4	1850324	65	6.35
6.35	25.4	L1850324	90	6.35



ADVANCED MATERIALS

PLASTIC



Plastic



Corian

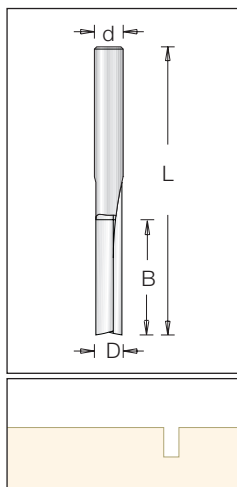


Aluminum

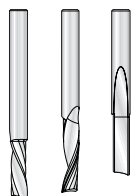
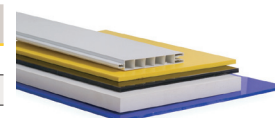


Composites

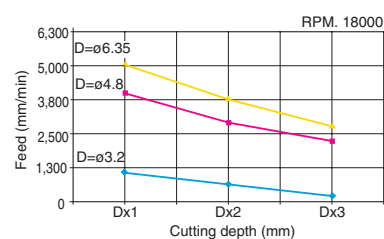
Double straight Flute



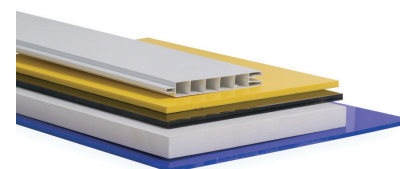
D	B	Code No.	L	ød
3.15	12.7	1870104	50	6.35
4.75	16.0	1870224	50	6.35
6.35	25.4	1870324	64	6.35
9.5	25.4	1870406	64	9.5
12.7	25.4	1870508	77	12.7



O Flut design
Z=1

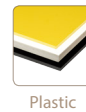


R.P.M. = 18,000



Plastic

PLASTIC



Plastic



Corian

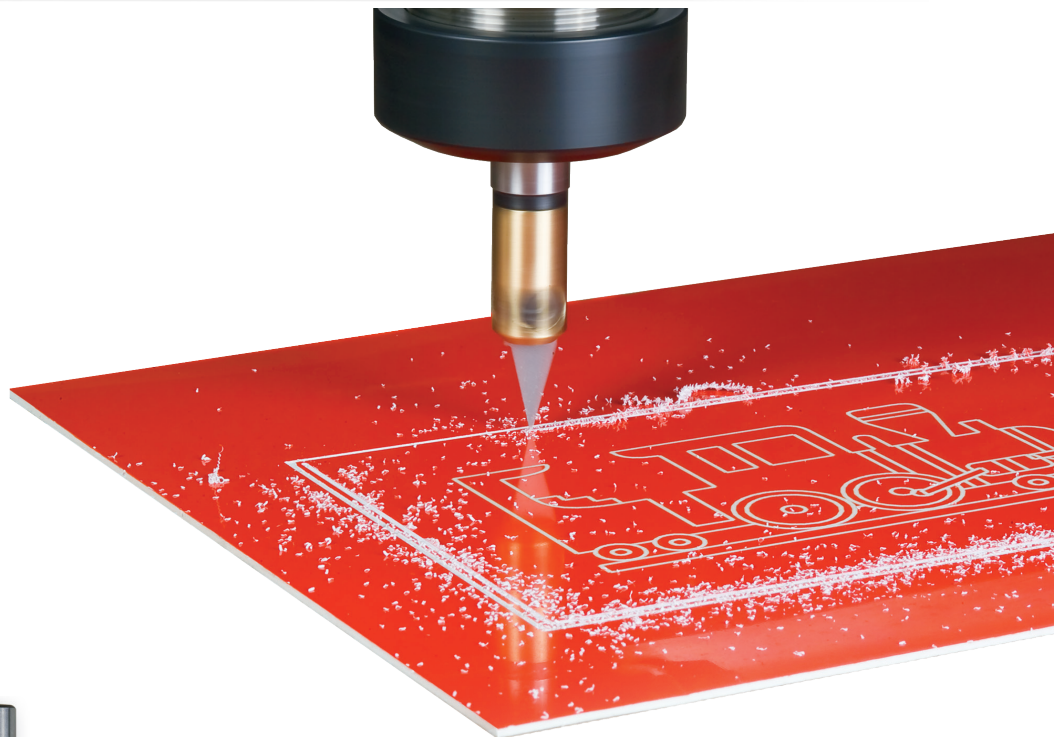


Aluminum



Composites

Engraving System



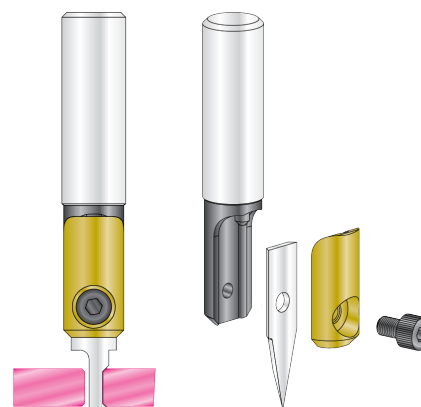
The Engraving Insert System features one tool body with more than forty unique insert knives designed for a variety of applications including Straight cut, core box, round corner, V grooves and cutting & chamfering.

Industrial quality insert knives ensure clean cuts and a longer life time than the standard solid router bits.

This engraving system was engineered to quickly interchange inserts while mounted in CNC machines to eliminate setup-time and to maintain consistent cutting accuracy.

Balanced design to minimize vibration and to provide superior cutting results.

Ideal for cutting laminated materials, veneers, MDF, plastics, wood and solid surfaces.



ADVANCED MATERIALS

PLASTIC



Plastic



Corian

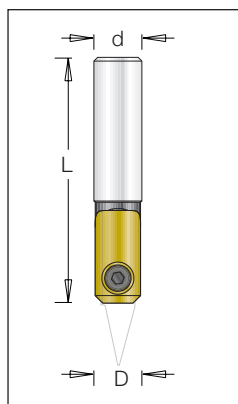


Aluminum



Composites

Engraving System



Code No.	D	L	ød
G1853x05*	12	65	8
G1853x09*	12	65	12

Also available with 1/4 & 1/2 diameter shank.

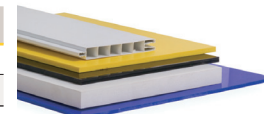
*Body only.



Allen screw
#193 807 0
M4x6

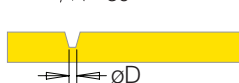


Allen key
#194 003 0
S3



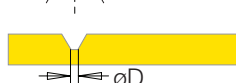
V-Groove 30°
Engraving
Insert Knives

Code No.	D
* 3185005	0.12
* 3185006	0.24
3185007	0.5
3185008	0.75
3185009	1.0
3185010	1.5
3185011	2.25



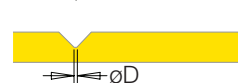
V-Groove 60°
Engraving
Insert Knives

Code No.	D
* 3185018	0.12
* 3185019	0.25
3185020	0.5
3185021	0.75
3185022	1.0
3185023	1.5
3185024	2.25



V-Groove 90°
Engraving
Insert Knives

Code No.	D
3185014	0.12
3185015	0.24
3185016	0.5
3185017	1



Straight
Engraving
Insert Knives

Code No.	D	B
3185032	3.2	5
3185033	4.76	6
3185034	6.35	7
3185035	7.94	8



* Only for use with controllable feed rate machines.

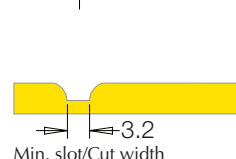
Core box
Engraving
Insert Knives

Code No.	R	B
3185028	1.6	5
3185029	2.4	6
3185030	3.2	7
3185031	4.0	8



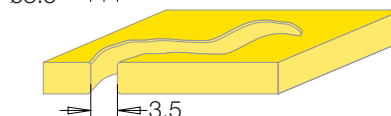
Cornerround
Engraving
Insert Knives

Code No.	R	B
3185025	1.6	8
3185026	2.4	8
3185027	3.2	8



Cutting and chmfering Engraving
Insert Knives

Code No.	B
3185040	0.5
3185036	1.0
3185002	1.5
3185037	1.8
3185041	2.3
3185042	3.3
3185012	3.6



Code No.	B
3185043	4.3
3185013	4.6
* 3185003	5
* 3185044	5.5
* 3185038	6.3
* 3185039	8.3

* Only for Chamfer operation.

PLASTIC



Plastic



Corian



Aluminum

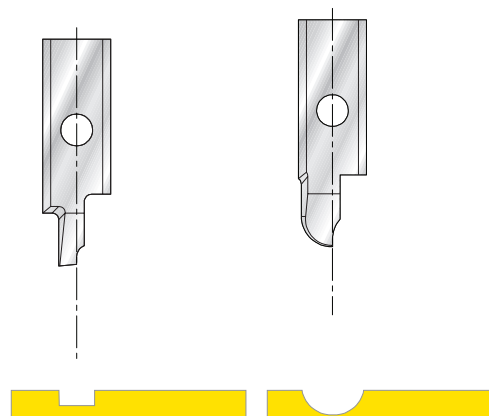


Composites

Engraving System Feed rates

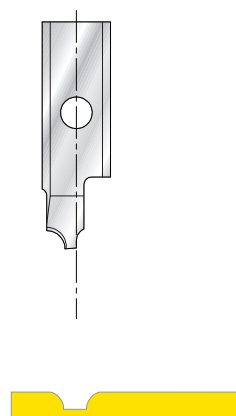
Straight and core box max feed Vars. RPM (cutting depth 1D) mm/min

head diameter (mm)	3.2	4.76	6.35	7.93
rotation speed (RPM)	Recomended feed rate (mm/min)			
6000	600	780	900	1080
7000	700	910	1050	1260
8000	800	1040	1200	1440
9000	900	1170	1350	1620
10000	1000	1300	1500	1800
11000	1100	1430	1650	1980
12000	1200	1560	1800	2160
13000	1300	1690	1950	2340
14000	1400	1820	2100	2520
15000	1500	1950	2250	2700
16000	1600	2080	2400	2880
17000	1700	2210	2550	3060
18000	1800	2340	2700	3240
19000	1900	2470	2850	3420
20000	2000	2600	3000	3600
21000	2100	2730	3150	3780
22000	2200	2860	3300	3960
23000	2300	2990	3450	4140
24000	2400	3120	3600	4320
25000	2500	3250	3750	4500
26000	2600	3380	3900	4680
27000	2700	3510	4050	4860
28000	2800	3640	4200	5040



Round corner reccomended feed Vars. RPM mm/min

Knife radius (mm)	1.6	2.4	3.2
rotation speed (RPM)	Recomended feed rate (mm/min)		
6000	1500	1320	1200
7000	1750	1540	1400
8000	2000	1760	1600
9000	2250	1980	1800
10000	2500	2200	2000
11000	2750	2420	2200
12000	3000	2640	2400
13000	3250	2860	2600
14000	3500	3080	2800
15000	3750	3300	3000
16000	4000	3520	3200
17000	4250	3740	3400
18000	4500	3960	3600
19000	4750	4180	3800
20000	5000	4400	4000
21000	5250	4620	4200
22000	5500	4840	4400
23000	5750	5060	4600
24000	6000	5280	4800
25000	6250	5500	5000
26000	6500	5720	5200
27000	6750	5940	5400
28000	7000	6160	5600



ADVANCED MATERIALS

PLASTIC



Plastic



Corian



Aluminum

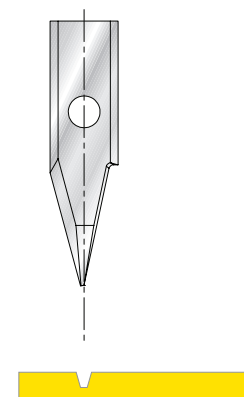


Composites

Engraving System

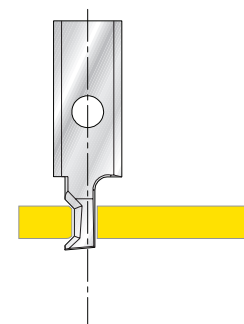
V- groove Routing recommended max feed vars. RPM (inch/min)

head diameter (D) mm	0.1	0.25	0.5	0.75	1	1.5	2.25
rotation speed (RPM)	Max. feed rate mm/min						
6000	480	1200	2400	3600	NO LIMIT		
7000	560	1400	2800				
8000	640	1600	3200				
9000	720	1800	3600				
10000	800	2000	4000				
11000	880	2200					
12000	960	2400					
13000	1040	2600					
14000	1120	2800					
15000	1200	3000					
16000	1280	3200					
17000	1360	3400					
18000	1440	3600					
19000	1520	3800					
20000	1600						
21000	1680						
22000	1760						
23000							
24000	1920						
25000	2000						
26000	2080						
27000	2160						
28000	2240						

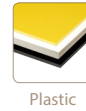


Sizing and chamfering recommended feed Vars. RPM mm/min

Material thickness (mm)	2	3	4.6	5.6	6	7.2	8
rotation speed (RPM)	Recommended feed rate (mm/min)						
6000	1500	1320	1200	1080	1500	1320	1200
7000	1750	1540	1400	1260	1750	1540	1400
8000	2000	1760	1600	1440	2000	1760	1600
9000	2250	1980	1800	1620	2250	1980	1800
10000	2500	2200	2000	1800	2500	2200	2000
11000	2750	2420	2200	1980	2750	2420	2200
12000	3000	2640	2400	2160	3000	2640	2400
13000	3250	2860	2600	2340	3250	2860	2600
14000	3500	3080	2800	2520	3500	3080	2800
15000	3750	3300	3000	2700	3750	3300	3000
16000	4000	3520	3200	2880	4000	3520	3200
17000	4250	3740	3400	3060	4250	3740	3400
18000	4500	3960	3600	3240	4500	3960	3600
19000	4750	4180	3800	3420	4750	4180	3800
20000	5000	4400	4000	3600	5000	4400	4000
21000	5250	4620	4200	3780	5250	4620	4200
22000	5500	4840	4400	3960	5500	4840	4400
23000	5750	5060	4600	4140	5750	5060	4600
24000	6000	5280	4800	4320	6000	5280	4800
25000	6250	5500	5000	4500	6250	5500	5000
26000	6500	5720	5200	4680	6500	5720	5200
27000	6750	5940	5400	4860	6750	5940	5400
28000	7000	6160	5600	5040	7000	6160	5600



SOLID SURFACE MATERIALS



Plastic



Corian



Aluminum



Composites

ROUTER BITS FOR FABRICATING SOLID SURFACE MATERIALS

Corian, Fountainhead Avonite, etc.

Dimar has developed a world class line of router bits for solid surface materials.

Tools profile produced for such materials provide a complete solution for all applications & profiles in this category.

Tooling's shape & measurements shall comply with the particular processing stages.

Working with a bearing guide: In order to protect the product from harm, the bearings are wrapped in reinforced plastic material, which is molded to the bearing and eliminates a split from the bearing while operating. The bearing shape is determined according to the existing profile of the product.



ADVANCED MATERIALS

SOLID SURFACE MATERIALS



Plastic



Corian

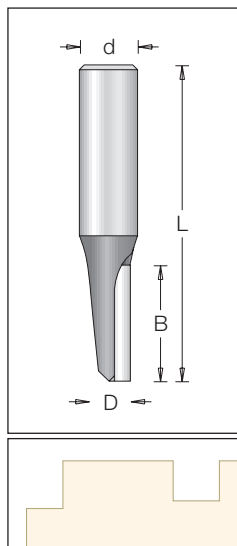


Aluminum



Composites

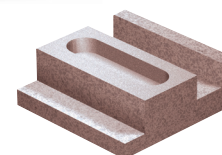
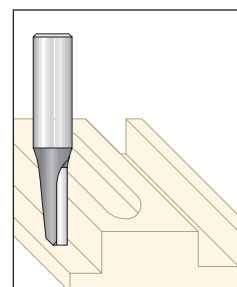
Plunge Bit - Single Fluted



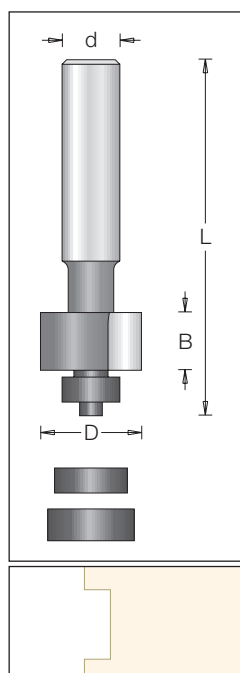
øD	B	Code No.	L	ød
9.5	25.4	1250229	70	12



Can be supplied with 1/2" shank.



Face Inlay Bit



øD	B	Code No.	t	L	ød	
22.2	3.2	1540129	4.8	73	12	A
	3.2	1540139	3.2	73	12	B
	3.2	1540149	1.6	73	12	C
	6.35	1540019	1.6	78	12	C
	6.35	1540029	3.2	76	12	B
	6.35	1540039	4.8	76	12	A
	9.5	1540159	4.8	78	12	A
	9.5	1540169	3.2	78	12	B
	9.5	1540179	1.6	79	12	C
	12.7	1540049	1.6	82	12	C
	12.7	1540059	3.2	80	12	B
	12.7	1540069	4.8	80	12	A
	13.5	1540189	4.8	82	12	A
	13.5	1540199	3.2	82	12	B
	13.5	1540209	1.6	83	12	C
	19.0	1540079	1.6	88	12	C
	19.0	1540089	3.2	88	12	B
	19.0	1540099	4.8	88	12	A



Can be supplied with 1/2" shank.

Spare Parts:



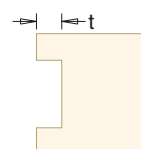
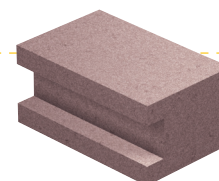
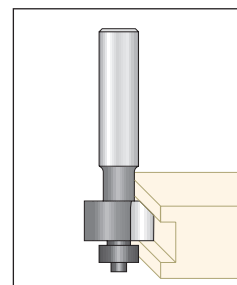
A. Ball Bearing
#191 003 0
12.7x6.3x4.7



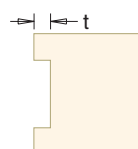
B. Ball Bearing
#191 005 0
16x6.3x5



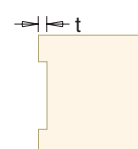
C. Ball Bearing
#191 014 0
19x6.3x7



With
Ball Bearing A



With
Ball Bearing B



With
Ball Bearing C

SOLID SURFACE MATERIALS



Plastic



Corian

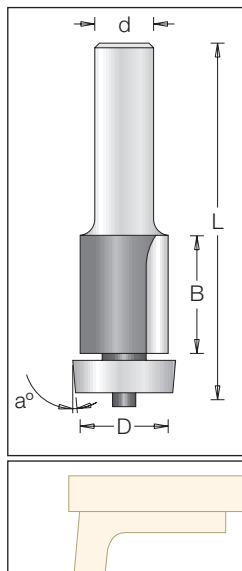


Aluminum



Composites

Inlay Trimming Bit



øD	a	B	Code No.	L	ød	
19.0	5°	25.4	1014159	80	12	A
19.6	5°	38.1	1014209	84	12	B

⚠ Can be supplied with 1/2" shank.

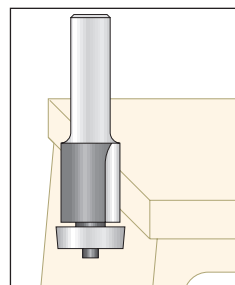
Spare Parts:



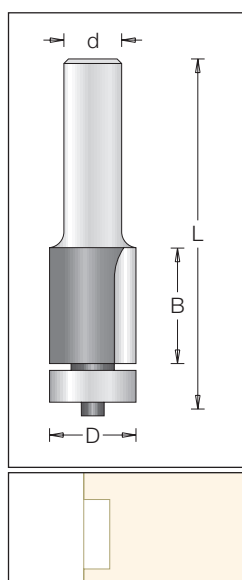
A. Molded Bearing
#191 936 0S
22.2x6.3x5.2x5°



B. Molded Bearing
#191 999 0S
25.4x6.3x8.2x5°



Inlay Trimming Bit



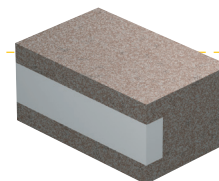
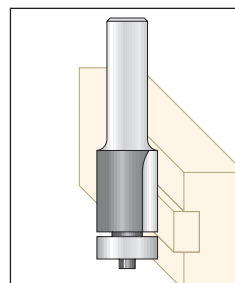
øD	B	Code No.	L	ød
19	25.4	1014169	80	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#1919 340S
19x6.3x5.7



SOLID SURFACE MATERIALS



Plastic



Corian

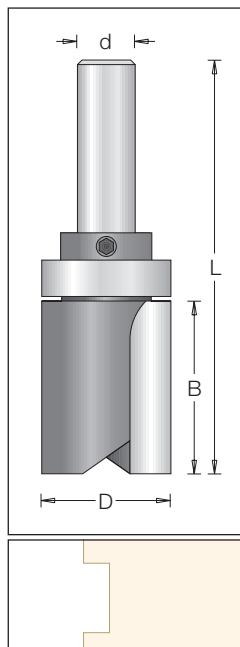


Aluminum



Composites

Trimming Bit



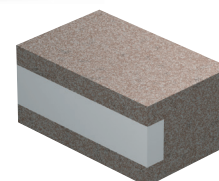
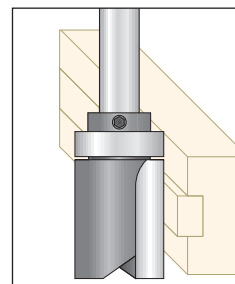
øD	B	Code No.	L	ød
28.6	38.1	1072399	92	12

⚠ Can be supplied with 1/2" shank.

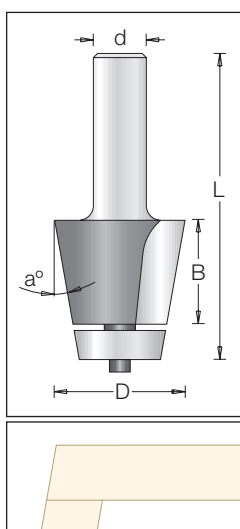
Spare Parts:



Ball Bearing
#191 018 0
12.7x28.6x8



Bevel Bit



øD	a	B	Code No.	L	ød	
32	12°	25.4	1510049	80	12	A
39	12°	32.0	1510109	78	12	B

⚠ Can be supplied with 1/2" shank.

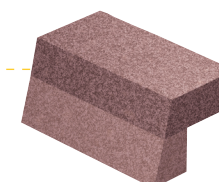
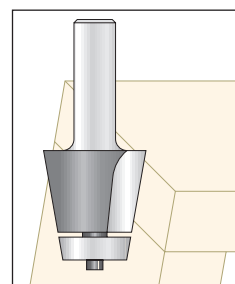
Spare Parts:



A.Molded Bearing
#191 932 0S
6.3x21.8x5.7x10°



B.Molded Bearing
#191 999 0S
6.3x25.4x8.2x5°



SOLID SURFACE MATERIALS



Plastic



Corian

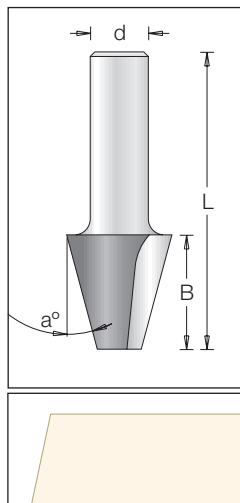


Aluminum



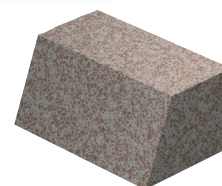
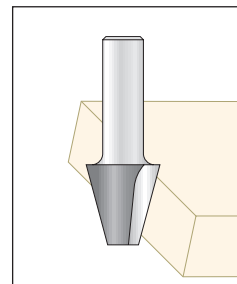
Composites

Bevel Bit

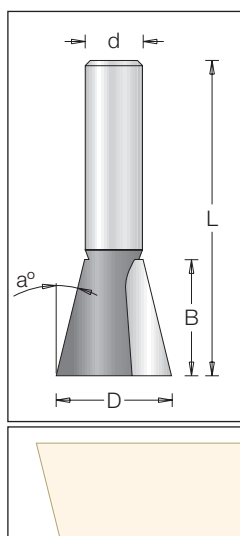


øD	a	B	Code No.	L	ød
24	15°	25.4	1031139	65	12

⚠ Can be supplied with 1/2" shank.

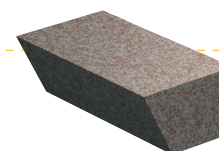
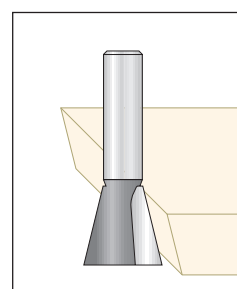


Bevel Bit

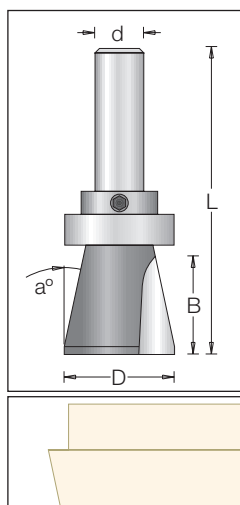


øD	a	B	Code No.	L	ød
25.4	14°	25.4	1040259	69	12

⚠ Can be supplied with 1/2" shank.



Bevel Bit



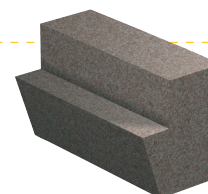
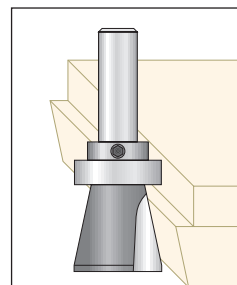
øD	a	B	Code No.	L	ød
28.6	12°	26	1612449	79.4	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 018 0
28.6x12.7x8



ADVANCED MATERIALS

SOLID SURFACE MATERIALS



Plastic



Corian

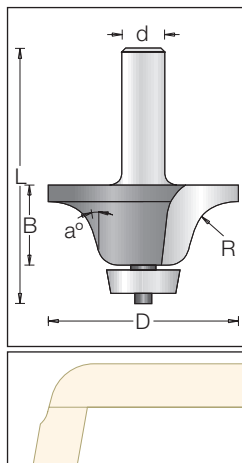


Aluminum



Composites

Rounding Over Bowl Bit

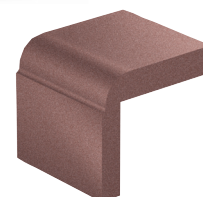
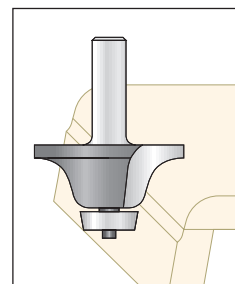


øD	a	B	Code No.	R	L	ød
55	15°	25.4	1520039	13	75	12.0
61	15°	32.0	1520049	14	86	12.0

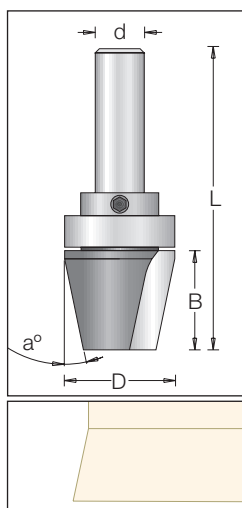
Spare Parts:



Molded Bearing
#191 932 0S
6.3x21.8x5.7x10°



Bevel Guided Bit



øD	a	B	Code No.	L	ød
28.6	12°	25.4	1612249	77.8	12

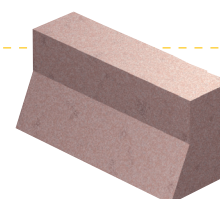
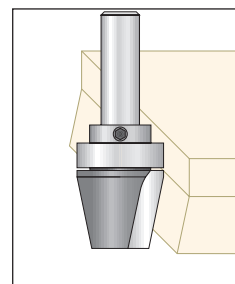


Can be supplied with 1/2" shank.

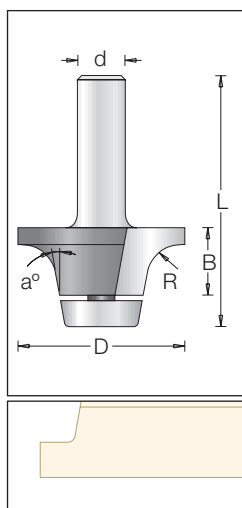
Spare Parts:



Ball Bearing
#191 018 0
28.6x12.7x8



Bevel Guided Bit



øD	a	B	Code No.	R	L	ød
45.2	17°	18.2	1530059	9.5	63.5	12
51.0	17°	18.2	1530069	12.7	63.5	12
54.0	17°	25.4	1530079	12.7	71.5	12
57.0	17°	24.0	1530089	19.0	76.0	12
60.5	12°	22.2	1530099*	14.2	79.0	12



Can be supplied with 1/2" shank.

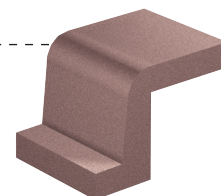
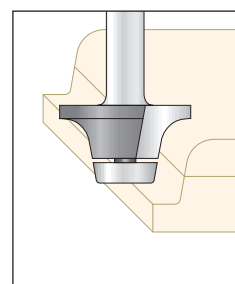
Spare Parts:



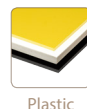
Molded Bearing
#191 936 5S
6.3x22.2x5.7x10°



Molded Bearing*
#191 999 0S
6.3x25.4x8.2x5°



SOLID SURFACE MATERIALS



Plastic



Corian

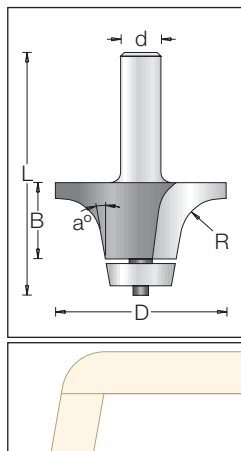


Aluminum



Composites

Undermount Bowl Bit



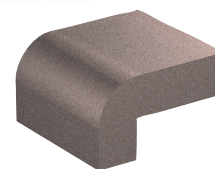
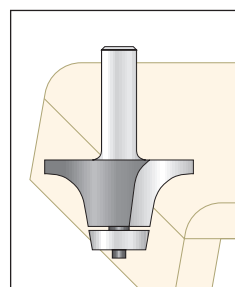
øD	a	B	Code No.	R	L	ød
54	18°	25.4	1530039	13	79	12
57	18°	32.0	1530049	14	85	12

⚠ Can be supplied with 1/2" shank.

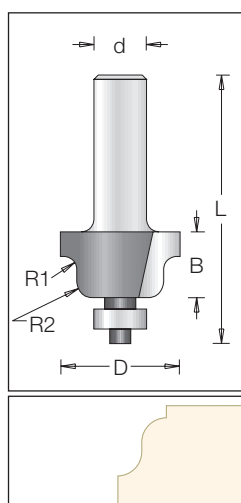
Spare Parts:



Molded Bearing
#191 932 0S
6.3x21.8x5.7x10°



Roman Ogee Bit



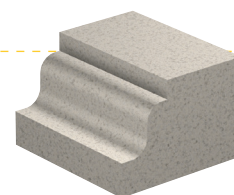
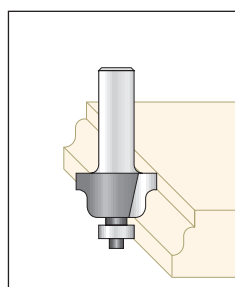
øD	B	Code No.	R1	R2	L	ød
28.6	16	1130109	3.2	4	63	12

⚠ Can be supplied with 1/2" shank.

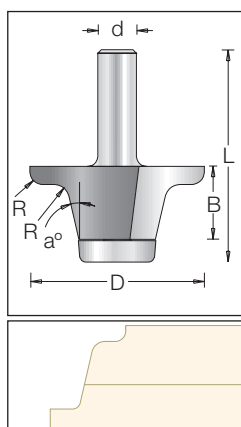
Spare Parts:



Molded Bearing
#191 935 0S
4.7x12.7x5.7



Undermount Bowl Bit



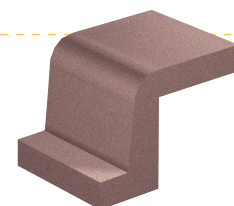
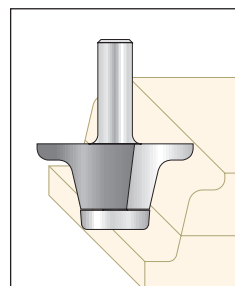
øD	a	B	Code No.	R1	R	L	ød
57	13°	24	1530109	4	5	71	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#191 999 0S
6.3x25.4x8.2x5°



ADVANCED MATERIALS

SOLID SURFACE MATERIALS



Plastic



Corian

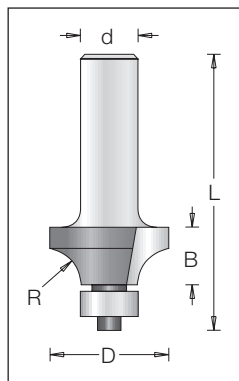


Aluminum



Composites

Corner Rounding Bit



øD	R	B	Code No.	L	ød
28.6	8	13.5	1550923	52	6
	8	13.5	1550929	61	12

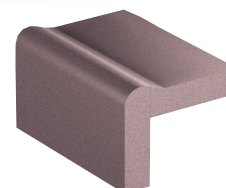
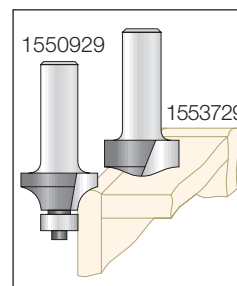


Can be supplied with 1/4" shank.
Can be supplied with 1/2" shank.

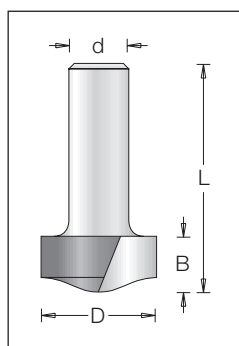
Spare Parts:



Molded Bearing
#191 935 0S
4.7x12.7x4.8



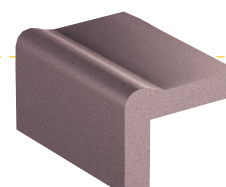
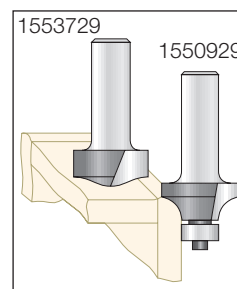
Corner Top Bit - No Drip



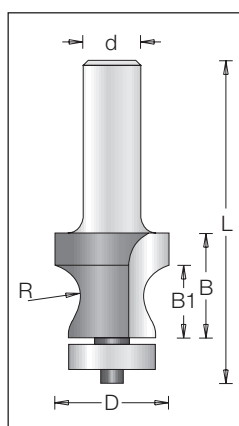
øD	B	Code No.	L	ød
25.4	12.7	1553729	54	12



Can be supplied with 1/2" shank.



Corner Top Bit - No Drip



øD	R	B	Code No	B1	L	ød
25	8	23	1550029	16	77	12
	8	29	1550039	24	83	12

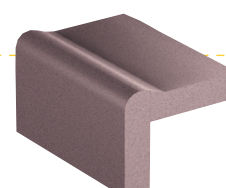
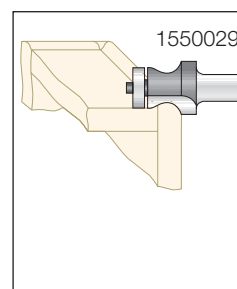


Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#191 934 0S
6.3x19.05x6.5



SOLID SURFACE MATERIALS



Plastic



Corian

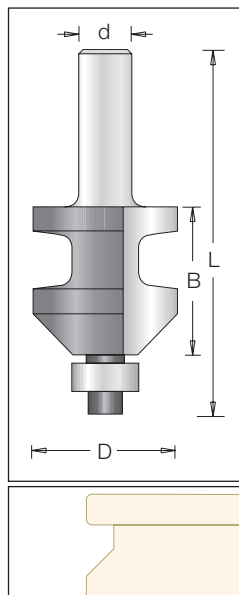


Aluminum



Composites

Bevel Hob Bit



øD	B	Code No.	L	ød
35	36	1564109	89	12

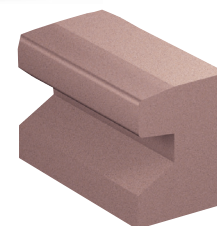
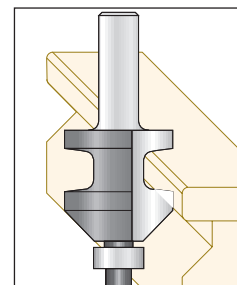


Can be supplied with 1/2" shank.

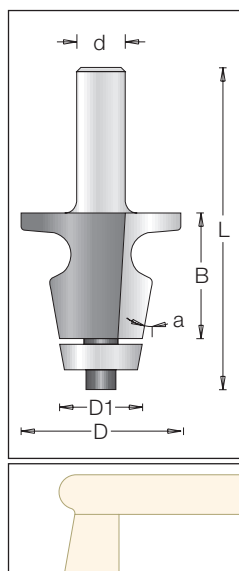
Spare Parts:



Ball Bearing
#191 005 0
16x6.3x5



Under Mount Profile Bowl Bit



øD	B	Code No.	R1	R2	L	ød
28.6	16	1554109	3.2	4	63	12

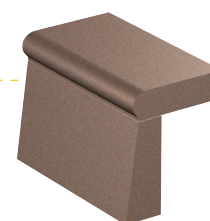
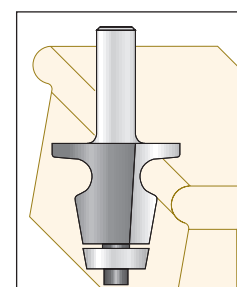


Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#191 932 0S
21.8x6.35x5.7



SOLID SURFACE MATERIALS



Plastic



Corian

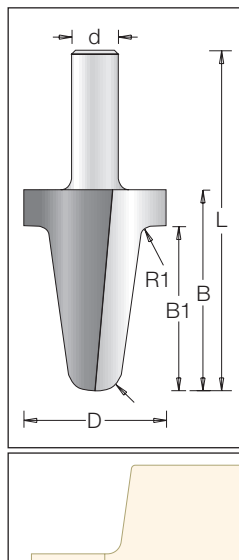


Aluminum



Composites

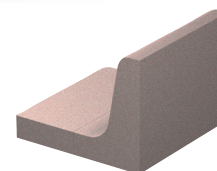
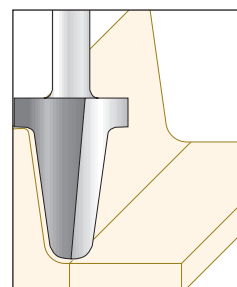
Upright Bit



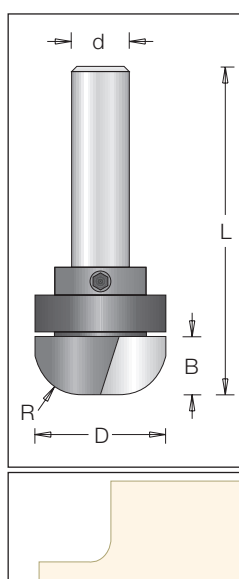
øD	B	B1	Code No.	R	R1	L	ød
39	40	30	1564019	6	3	78	12
	55	45	1564059	6	3	93	12



Can be supplied with 1/2" shank.



Coving Bit



øD	B	Code No.	R	L	ød
28.6	12.7	1062809	10	73	12

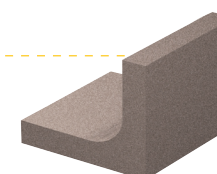
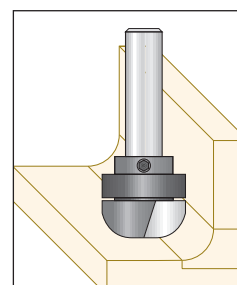


Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#191 944 0
15x28.6x8.5



SOLID SURFACE MATERIALS



Plastic



Corian

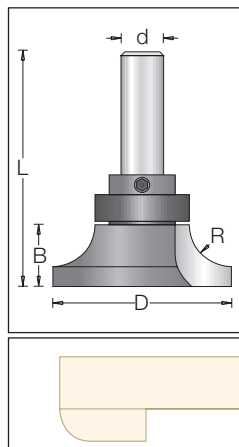


Aluminum



Composites

Inverted (under-cut) Round Over Bit



øD	R	B	Code No.	L	ød	n
54.0	12.7	20.0	1592039	73	12	
67.0	19.0	25.4	1592069	77	12	18,000
79.4	25.4	30.7	1592099	83	12	18,000

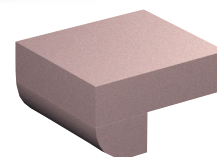
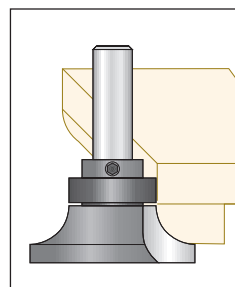
Max.
RPM

⚠ Can be supplied with 1/2" shank.

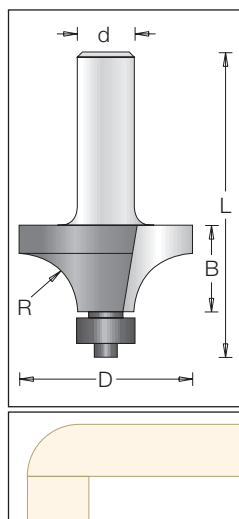
Spare Parts:



Molded Bearing
#191 944 0
15x28.6x8.5



Round Over Bit



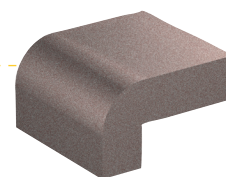
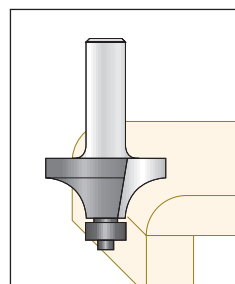
øD	R	B	Code No.	L	ød
38.1	12.7	19.0	1590039	65	12
51.0	19.0	25.4	1590069	73	12

⚠ Can be supplied with 1/2" shank.

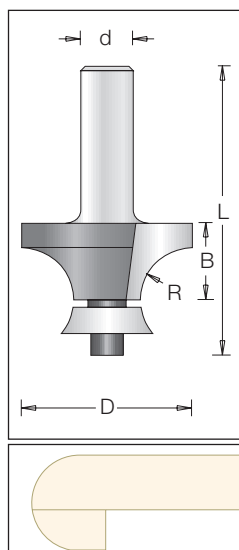
Spare Parts:



Molded Bearing
#191 935 0S
4.7x12.7x5.7



Round Over Bit



øD	R	B	Code No.	L	ød		n
41.6	12.7	18.7	1594019	68.4	12	A	18,000
54.2	19.0	25.0	1594059	76.0	12	B	18,000
67.0	25.4	31.4	1594109	92.0	12	C	18,000

Max.
RPM

⚠ Can be supplied with 1/2" shank.

Spare Parts:



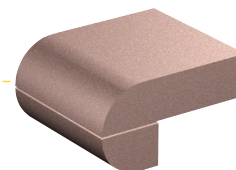
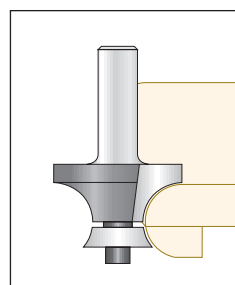
Molded Bearing
#191 996 0S
6.3x21.4xR12.7



Molded Bearing
#191 997 0S
6.3x19.4xR19



Molded Bearing
#191 998 0S
6.3x18.5xR25.4



SOLID SURFACE MATERIALS



Plastic



Corian

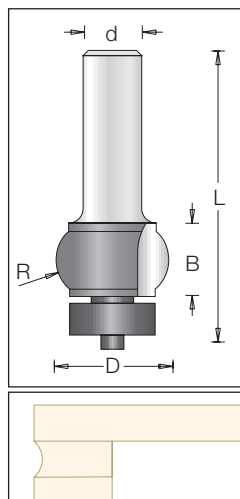


Aluminum



Composites

Edge Face Cove Bit

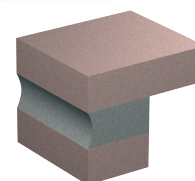
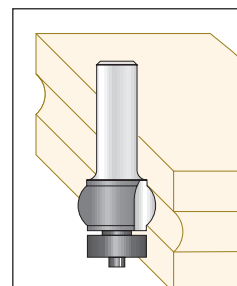


øD	R	B	Code No.	L	ød
25.4	7.9	16	1621019	67	12

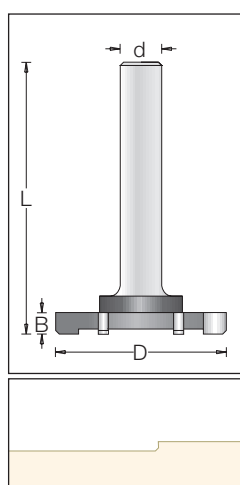
Spare Parts:



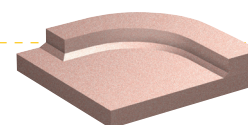
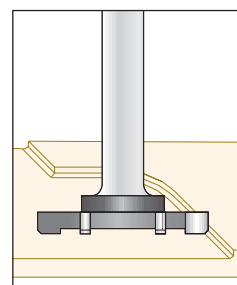
Molded Bearing
#191 934 05
6.3x19.05x6.5



Six Wing Trimmer



øD	B	Code No.	L	ød
52	6.5	1600059	83	12



SOLID SURFACE MATERIALS



Plastic



Corian

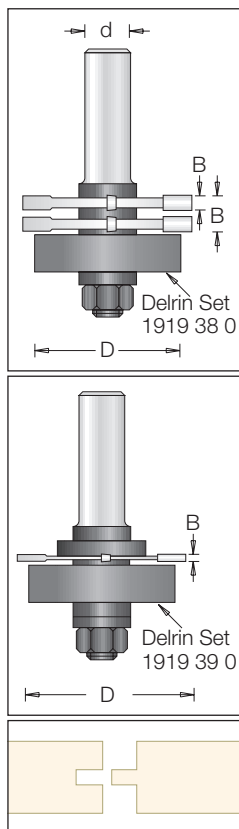


Aluminum



Composites

Tongue & Groove - Jointing Set



	øD	B	Code No.	L	ød
Complete	47.7	10.0	1084409	76.2	12
Cutter (x2)	47.7	4.0	1080850		
Cutter	47.7	2.0	1080760		



Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 004 9
L=76.2



Molded Bearing
#191 938 0
8x43x9.6



Molded Bearing
#191 939 0
8x40.7x10.5



Spacer
#192 016 0
6x16



Spacer
#192 050 0
0.05x16



Spacer
#192 100 0
0.1x16



Spacer
#192 011 0
1x16



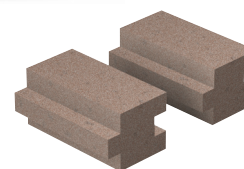
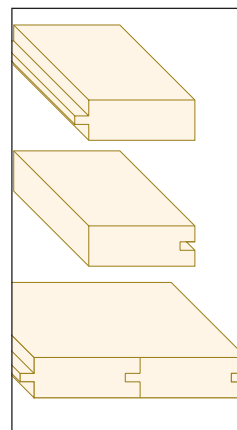
Spacer
#192 015 0
3x16



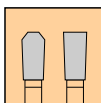
Spacer
#192 040 0
3.15x16



Spacer
#192 022 0
4.5x25



Aluminum



MSAN - Aluminum Profile Saw Blade



Plastic



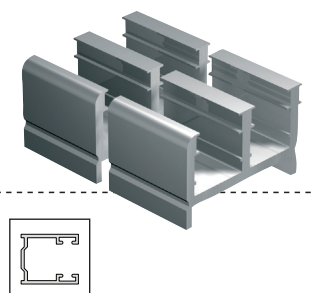
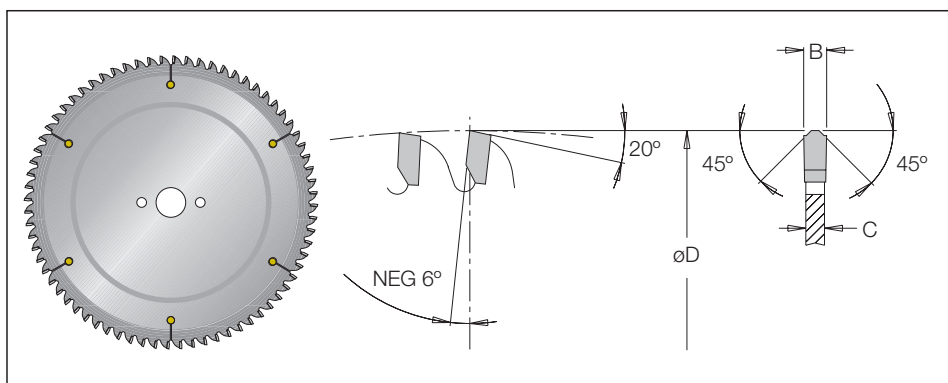
Corian



Aluminum



Composites



øD	Teeth	Code No.	B	c	n	m/min	ød
150	48	90202433	2.8	2.2	5000-8900	12-21	20
160	48	90202443	2.8	2.2	4700-8300	11-20	20
180	58	90202486	2.8	2.2	4200-7400	12-21	30
184	58	9020245E	2.8	2.2	4100-7200	12-21	16
	58	90202453	2.8	2.2	4100-7200	12-21	20
190	60	90202493	2.8	2.2	4000-7000	12-21	20
	60	90202496	2.8	2.2	4000-7000	12-21	30
200	48	90200706	2.8	2.2	3800-6600	9-16	30
	64	90202506	2.8	2.2	3800-6600	12-21	30
216	64	90202566	2.8	2.2	3500-6100	11-20	30
230	60	90202606	2.8	2.2	3300-5800	10-17	30
	60	90202636	2.8	2.2	3200-5600	10-17	30
235	60	90200806	3.2	2.6	3000-5300	9-16	30
	80	90202706	3.2	2.6	3000-5300	12-21	30
250	100	90202756	3.2	2.6	3000-5300	15-27	30
	72	90200857	3.2	2.6	2700-4800	10-17	32
275	72	90200906	3.2	2.6	2500-4400	9-16	30
	96	90202806	3.2	2.6	2500-4400	12-21	30
300	80	90200957	3.2	2.6	2300-4000	9-16	32
	102	90202857	3.2	2.6	2300-4000	12-20	32
330	84	90201006	3.2	2.6	2100-3800	9-16	30
	108	90202906	3.2	2.6	2100-3800	11-21	30
350	100	90202956	2.8	2.2	2000-3500	10-18	30
400	96	90201106	3.8	3.2	1900-3300	9-16	30
	120	90203006	3.8	3.2	1900-3300	11-20	30
420	96	90203406	4	3.4	1800-3100	9-15	30
450	108	90204006	4	3.4	1600-2900	9-16	30
	120	90204106	4	3.4	1600-2900	10-17	30
500	120	90204206	4.4	3.8	1500-2600	9-16	30



The material must be clamped firmly to the table on both sides during cutting operation.

Manufacturing Technology:



Dynamic
Balancing
Above 350
Diameter



Dynamic
Straightness
Above 250
Diameter

Aluminum



Plastic



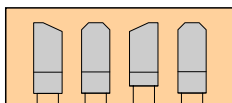
Corian



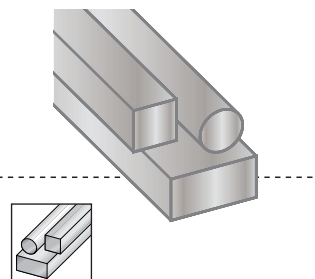
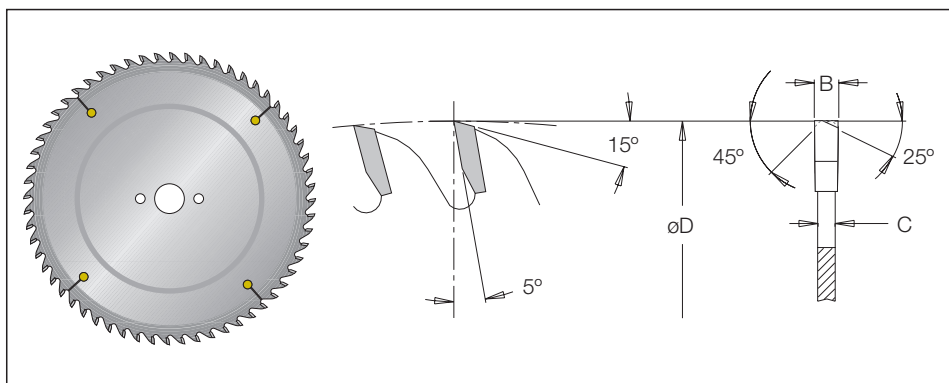
Aluminum



Composites



MTA - Aluminum Bars Saw Blade



D	Teeth	Code No.	B	C	n	m/min	d
300	80	90254006	3.4	2.8	2500-4400	20-35	30
	60	90250106	3.4	2.8	2500-4400	15-25	30
350	100	90254306	3.6	3.0	2100-3800	21-38	30
	80	90250206	3.6	3.0	2100-3800	16-30	30
400	120	90254506	3.8	3.2	1900-3300	23-40	30
	80	90250306	3.8	3.2	1900-3300	15-26	30
450	100	90250406	4.0	3.4	1600-2900	16-29	30
	80	90256006	4.0	3.4	1600-2900	13-23	30
500	100	90250506	4.2	3.5	1500-2600	15-26	30
	80	90256036	4.2	3.5	1500-2600	12-20	30
550	120	90250606	4.4	3.8	1400-2400	16-28	30
	100	90256066	4.4	3.8	1400-2400	14-24	30

Aluminum



Plastic



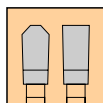
Corian



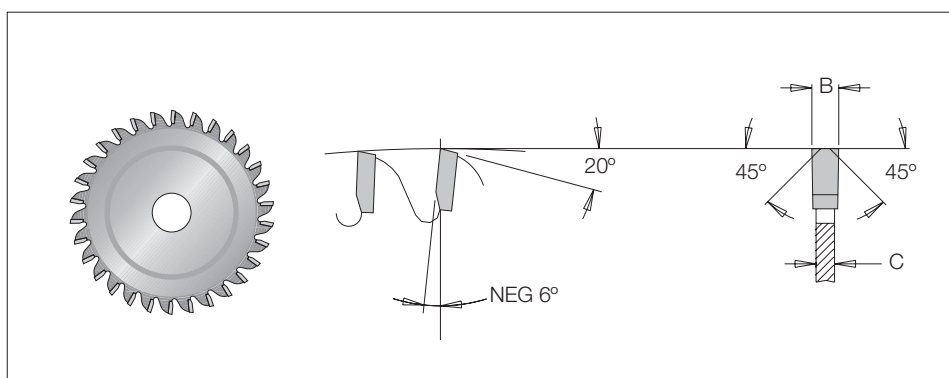
Aluminum



Composites



MHAN - Milling Saw Blade



øD	Teeth	Code No.	B	c	n	ød
100	24	90200511	3.9	3.2	7600-13000	16.0
	30	90200551	3.9	3.2	7600-13000	16.0
115	24	9020061A	3.9	3.2	6600-11600	22.2
	30	9020063A	3.9	3.2	6600-11600	22.2

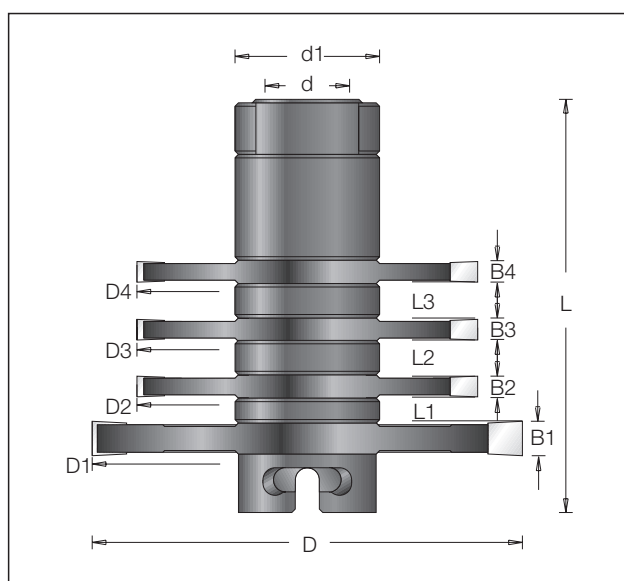


To be used manually with mini grinder.

Used extensively in the boat building industry for milling, that is cleaning up and grooving of aluminum welds, and cutting out welding tacks.

Custom and Milling head

Special head made from steel sleeve and brazed cutter according to customer definition.



Special tools for working on aluminium profiles.

When ordering single cutters need to indicate the dimensions of the diameter, width and bore.

When ordering sets you need to supply a drawing of the requested profile, dimensions of the cutter's diameter, width and bore as well as the dimensions between the cutters.

d = ... , **d1** = ... , **L** = ...

D1 = ... , **B1** = ... , **L1** = ...

D2 = ... , **B2** = ... , **L2** = ...

Aluminum



Plastic



Corian

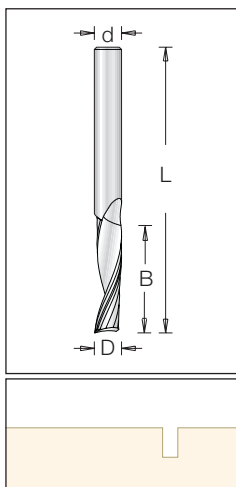


Aluminum

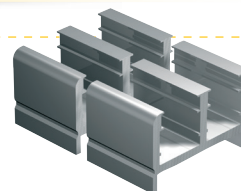


Composites

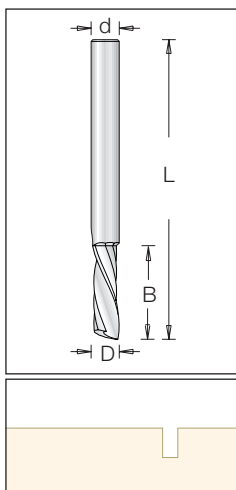
Single spiral "O" flute, up shear angle, mirror finish



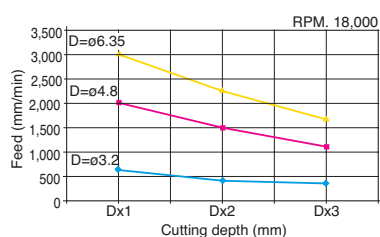
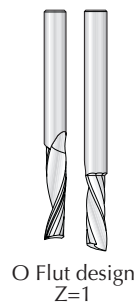
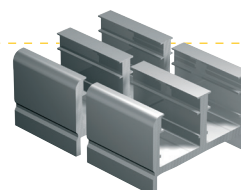
D	B	Code No.	L	ød
3.2	8.0	185510z	40	3.2
4.75	12.7	1855224	50	6.35
6.35	16.0	1855304	50	6.35



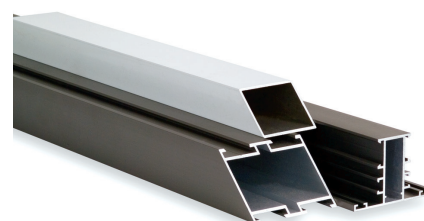
Single spiral "O" flute, down shear angle, mirror finish



D	B	Code No.	L	ød
3.2	8.0	185410z	40	3.2
4.75	12.7	1854224	50	6.35
6.35	16.0	1854304	50	6.35



R.P.M. = 18,000



Aluminum

ADVANCED MATERIALS