

Routing



ASAX AGENCIES
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Dimar manufactures the most comprehensive range of router bits available to the industrial and professional markets worldwide. Our manufacturing process is highly advanced, only using the latest technology in router bit manufacturing.

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

The advanced quality of Dimar router bits offer the user perfect cutting and extended life.

Industrial
Woodwork



 **DIMAR**

Routing

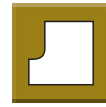




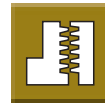
Routing



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rebating



Frame &
Panel door



Carving

#E1013	#E1073	#E1143	#E1053	#E1063	#E1093	#E1093	#E1093	#E1093	#E1123	#E1383
p.5	p.6	p.6	p.6	p.7	p.7	p.7	p.7	p.8	p.8	p.8

#1010	#1010	#1010	#101	#1011	#1019	#1020	#1020	#1020	#1030	#1040	#1040	#1041	#1042	#1043	#105
p.27	p.28	p.28	p.27	p.26	p.28	p.40	p.40	p.41	p.30	p.91	p.91	p.32	p.92	p.32	p.30

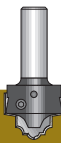
#1053	#1053	#1050	#1060	#1060	#106	#1062	#1063	#1066	#107	#107	#107	#1075	#107	#1072	#1073
p.109	p.109	p.31	p.42	p.42	p.43	p.44	p.109	p.49	p.10	p.11	p.12-14	p.16	p.15-16	p.18	p.17

#1073	#1073	#1073	#1073	#1073	#1073	#1073	#1073	#1019	#1019	#1078	#1080	#1082-3	#1084	#1086
p.17	p.21-22	p.26	NEW p.19	p.19	p.22	p.23	p.25	p.28	p.28	p.31	p.96	p.95	p.97	p.98

#1086	#1089	#1089	#1090	#1092	#1092	#1093	#1100	#1110	#1120	#1130	#1133	#1140
p.95	p.99	p.99	p.51	p.54	p.82	p.54	p.30	p.16	p.56	p.57	p.56	p.89

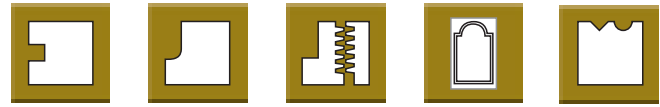
#1141	#1141	#1144	#1146	#1150	#1160	#1170	#1171	#1173	#118	#1190	#1200	#1210
p.32	p.20	p.89	p.90	p.31	p.39	p.44	p.44	p.47	p.39	p.52-53	p.57	p.61

Routing





Routing



Grooving & Sizing Profiling & Chamfering Jointing & Rebating Frame & Panel door Carving

#1220	#1221	#1222	#1223	#1224	#1224	#1224	#1224	#1229	#1229	#1229
p.85	p.85	p.85	p.86	p.87	p.87	p.88	p.88	p.86	p.86	p.87

#1230	#1241	#1240	#124	#1242	#1243	#1243	#1260	#1243	#1243	#1243	#1244	#1250	#1260	#1270
p.85	p.62	p.63	p.64	p.64	p.63	p.66	p.24	p.67	p.67	p.71	p.62	p.20	p.24	p.46

#1280	#1290	#1291	#1300	#1310	#1312	#1320	#1320	#1330	#1330	#1340	#1350	#1352	#1360
p.46	p.84	p.84	p.47	p.47	p.48	p.69	p.69	p.100	p.100	p.57	p.60	p.48	p.58

#1363	#1370	#1473	#1373	#1373	#1380	#1390	#1400	#1410	#1420	#1420	#1430	#1430
p.58	p.49	p.45	p.45	p.45	p.59	p.61	p.60	p.40	p.106	p.106	p.105	p.105

#1432	#1434	#1433	#1440	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450
p.108	p.101	p.103	p.106	p.101	p.102	p.102	p.102	p.102	p.102	p.102	p.102	p.102

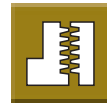
#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1460	#1460	#1460	#1470
p.103	p.104	p.104	p.104	p.105	p.105	p.107	p.107	p.50	p.50	p.50	p.49

Routing





Routing



Grooving
& Sizing

Profiling &
Chamfering

Jointing &
Rebating

Frame &
Panel door

Carving

#1480	#1480	#149	#1490	#1490	#1490	#1490	#1940	#1940	#1560	#1560	#1560	#1560
p.69	p.68	p.70	p.70	p.92	p.93	p.93	p.53	p.53	p.59	p.70	p.71	p.72

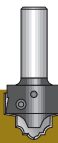
#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1560	#1563	#1563	#1563
p.72	p.73	p.75	p.76	p.77	p.77	p.78	p.79	p.80	p.80	p.81	p.81	p.72	p.73	p.73

#1563	#1563	#1563	#1563	#1566	#1566	#1570	#1582	#1583	#1584	#1620	#1622	#1623	#1630	#1630
p.74	p.75	p.74	p.76	p.71	p.77	p.61	p.65	p.65	p.66	p.68	p.68	p.67	p.82	p.82

#1630	#1640	#1650	#1650	#1650	#1650	#1660	#1670	#1681	#1681	#1682	#1682
p.83	p.18	p.78	p.83	p.83	p.84	p.79	p.92	p.94	p.94	p.94	p.94

#2034	#808	#808	#174	#174	#5588	#5588	#106	#106
p. 108	p. 34-38	p. 34-38	p. 25	p. 25	p. 55	p. 55	p.43	p.43

Routing

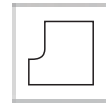




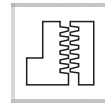
Routing



Grooving & Sizing



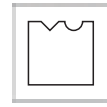
Profiling & Chamfering



Jointing & Rebating

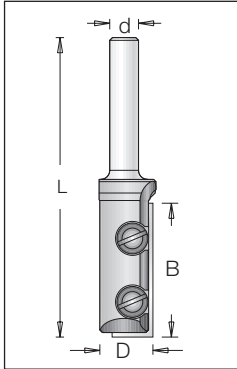


Frame & Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
12	29.5	E107 380 5	66	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



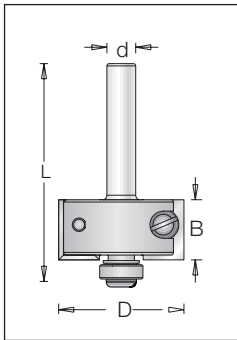
T.C. Blade
#310 793 0
29.5x9x1.5



screw
#193 035 5
M3x4



Rebating Bit



øD	B	Code No.	L	ød
28.6	13.25	E114 320 5	51.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



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



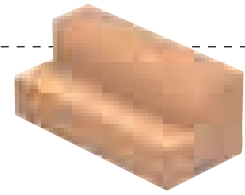
Ball Bearing
#191 004 0
9.5x4.7x3



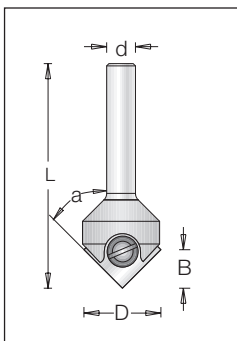
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



V Groove Bit



øD	B	a	Code No.	L	ød
17.6	8.5	45°	E105 350 5	53	8

⚠ Can be supplied with 6mm shank.

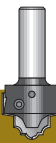
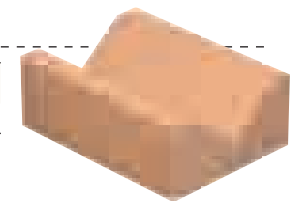
Spare Parts:



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



screw
#193 035 5
M3x4

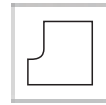




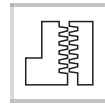
Routing



Grooving & Sizing



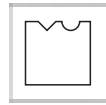
Profiling & Chamfering



Jointing & Rebating

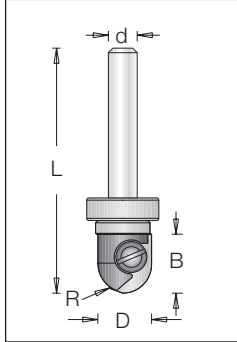


Frame & Panel door



Carving

Core Box Bit



øD	B	R	Code No.	L	ød
12.7	13	6.35	E106 350 5	59	8

Can be supplied with 6mm shank.

Spare Parts:



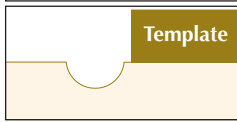
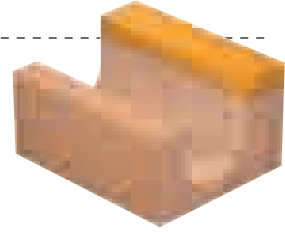
T.C. Blade
#310 650 6
13x9x1.5



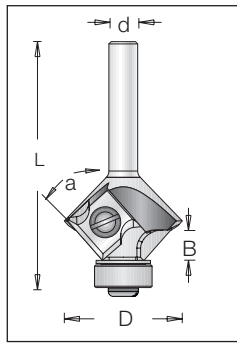
Ball Bearing
#191 024 0
16x8x5



screw
#193 035 5
M3x4



Bevel Trimming Bit



øD	B	a	R	Code No.	L	ød
27.3	5.7	45°	3	E109 321 5	60.5	8

Can be supplied with 6mm shank.

Spare Parts:



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



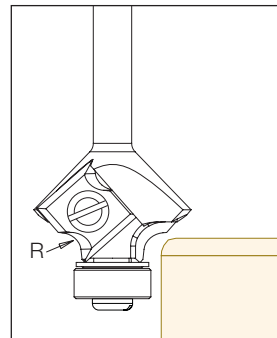
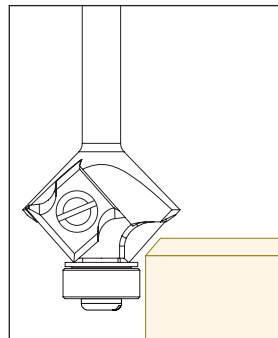
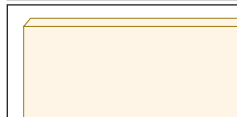
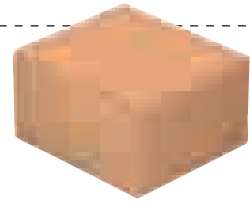
Ball Bearing
#191 007 0
4.7x12.7x5



screw
#193 035 5
M3x4



screw
#193 035 6
M3x8

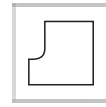




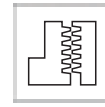
Routing



Grooving & Sizing



Profiling & Chamfering



Jointing & Rebating

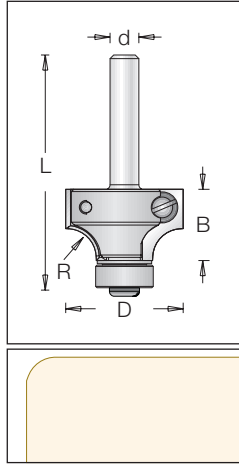


Frame & Panel door



Carving

Ovolo Bit



øD	B	R	Code No.	L	ød
26	15.7	6	E109 325 5	56.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



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



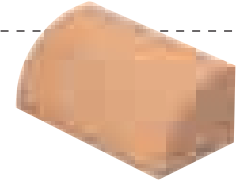
Ball Bearing
#191 007 0
4.7x12.7x5



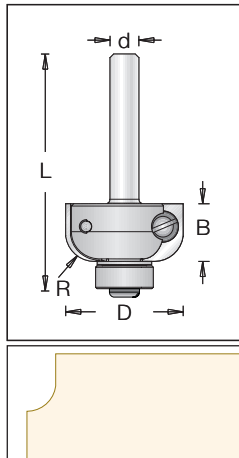
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Core Bit



øD	B	R	Code No.	L	ød
26	12.7	6.35	E112 305 5	54.5	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



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



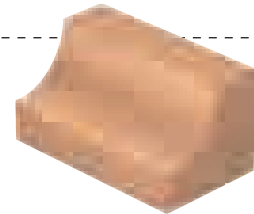
Ball Bearing
#191 007 0
4.7x12.7x5



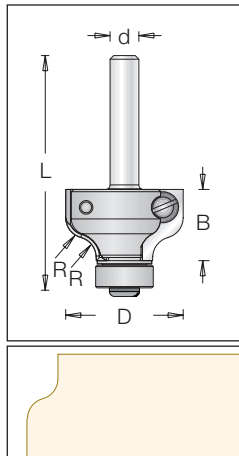
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Ogee Fillet Bit



øD	B	R	Code No.	L	ød
26	15.7	4.5	E138 306 5	56.7	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



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



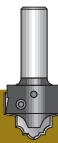
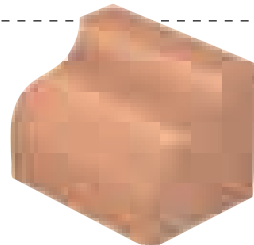
Ball Bearing
#191 007 0
4.7x12.7x5



screw
#193 035 5
M3x4



screw
#193 035 6
M3x8

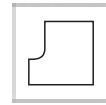




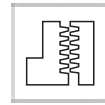
Routing



Grooving & Sizing



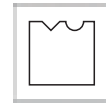
Profiling & Chamfering



Jointing & Rebating

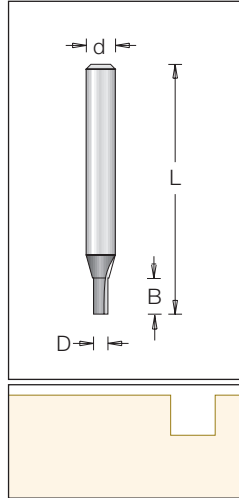


Frame & Panel door



Carving

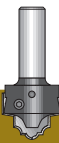
Straight Bit




øD	B	Code No.	L	ød
2.4	6.3	107 500 3 *	30.1	6
3.1	11.1	107 501 3 *	50.8	6
4.0	11.1	107 504 3 *	50.8	6
4.7	11.1	107 507 3 *	50.8	6
	15.8	107 506 3 *	55.5	6
5.5	19.0	107 505 3	50.8	6
	12.7	107 509 3	50.8	6
	15.8	107 520 3	47.6	6
6.3	19.0	107 510 3	50.8	6
	25.4	107 513 3	57.0	6
	25.4	107 514 3	73.0	6
7.1	19.0	107 516 3	50.8	6
	25.4	107 519 3	57.0	6
8.0	19.0	107 522 3	50.8	6
	25.4	L 107 525 3	70.0	6
	19.0	107 528 3	50.8	6
9.5	25.4	107 531 3	57.0	6
	31.7	107 534 3	63.5	6
11.0	19.0	107 537 3	50.8	6
	25.4	107 540 3	57.0	6
	19.0	107 543 3	50.8	6
12.7	25.4	107 546 3	57.0	6
	31.7	107 549 3	63.5	6
14.2	19.0	107 551 3	50.7	6
	25.4	107 552 3	57.0	6
15.8	19.0	107 555 3	50.8	6
	25.4	107 558 3	57.0	6
17.5	19.0	107 561 3	50.8	6
	25.4	107 562 3	57.0	6
19.0	19.0	107 564 3	50.8	6
	25.4	107 565 3	57.0	6
20.6	19.0	107 567 3	50.8	6
22.2	19.0	107 570 3	50.8	6
25.4	19.0	107 573 3	50.8	6

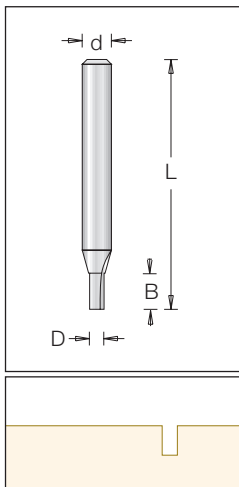


Routing



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

Solid Carbide Straight Bit



øD	B	Code No.	L	ød
3	11	SO 107 001 3	60	6
4	11	SO 107 004 3	60	6
5	11	SO 107 007 3	60	6
6	19	SO 107 010 3	60	6
	25	SOL 107 013 3	63.5	6

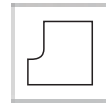




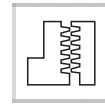
Routing



Grooving & Sizing



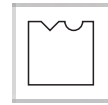
Profiling & Chamfering



Jointing & Rebating

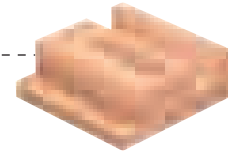
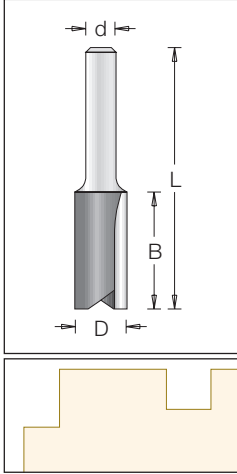


Frame & Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
1.3	4.5	107 833 3 *	47	6
1.5	4.5	107 834 3 *	47	6
2.0	6.5	107 835 3 *	47	6
2.5	8.0	107 012 3 *	48	6
	8.0	107 801 3 *	41	6
3.0	8.0	107 802 3 *	55	6
	11.0	107 001 3 *	51	6
	11.0	X 107 001 3 *	60	6
4.0	11.0	107 004 3 *	51	6
	11.0	107 007 3 *	51	6
5.0	16.0	107 008 3 *	56	6
	16.0	107 011 3	48	6
6.0	19.0	107 010 3	51	6
	25.0	107 013 3	57	6
6.5	25.0	107 017 3	57	6
7.0	19.0	107 016 3	51	6
	25.0	107 019 3	57	6
8.0	19.0	107 022 3	51	6
	19.0	L 107 022 3	65	6
8.0	25.0	107 025 3	57	6
	19.0	107 026 3	51	6
9.0	19.0	107 027 3	51	6
10.0	19.0	107 028 3	51	6
	25.0	107 031 3	57	6
11.0	32.0	107 034 3	64	6
	19.0	107 037 3	51	6
	25.0	107 040 3	57	6
12.0	19.0	107 043 3	51	6
	25.0	107 046 3	57	6
	32.0	107 049 3	64	6
13.0	19.0	107 056 3	51	6
	32.0	107 042 3	64	6
14.0	19.0	107 058 3	51	6
14.5	19.0	107 059 3	51	6
15.0	19.0	107 065 3	51	6
	19.0	107 067 3	51	6
16.0	25.0	107 070 3	57	6
	32.0	107 072 3	64	6
18.0	19.0	107 079 3	51	6
18.2	19.0	107 086 3	51	6
19.0	19.0	107 088 3	51	6
	25.0	107 089 3	57	6
20.0	16.0	107 099 3	48	6
	19.0	107 100 3	51	6
20.2	19.0	107 107 3	51	6
21.0	19.0	107 108 3	51	6
22.0	19.0	107 109 3	51	6
25.0	19.0	107 118 3	51	6

⚠ * Solid Carbide.

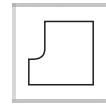




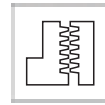
Routing



Grooving & Sizing



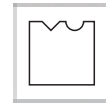
Profiling & Chamfering



Jointing & Rebating

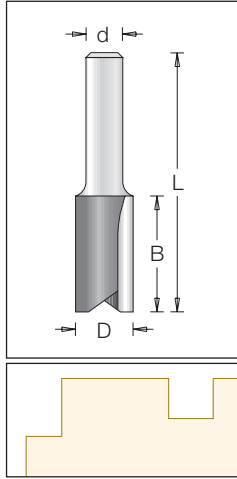


Frame & Panel door



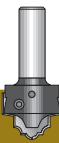
Carving

Straight Bit



øD	B	Code No.	L	ød
3	11	107 001 5 *	51	8
4	11	107 004 5 *	51	8
5	11	107 007 5 *	51	8
6	19	107 010 5 *	57	8
	25	107 013 5	63	8
7	19	107 016 5	57	8
	25	107 022 5	57	8
8	25	107 025 5	63	8
	25	L 107 025 5	80	8
	19	107 028 5	51	8
10	25	107 031 5	57	8
	32	107 034 5	64	8
	32	L 107 034 5	80	8
11	19	107 037 5	51	8
	25	107 040 5	57	8
12	19	107 043 5	51	8
	25	107 046 5	57	8
	32	107 049 5	64	8
13	32	L 107 049 5	80	8
	19	107 056 5	51	8
14	19	107 058 5	51	8
	L 107 058 5	70	8	
15	25	107 061 5	57	8
	19	107 065 5	51	8
16	19	107 067 5	51	8
	25	107 070 5	57	8
18	25	L 107 070 5	85	8
	19	107 079 5	51	8
19	19	L 107 079 5	70	8
	19	107 088 5	51	8
20	19	107 100 5	51	8
	19	L 107 100 5	70	8
22	19	107 109 5	51	8
	19	L 107 109 5	70	8
24	19	107 119 5	51	8
25	19	107 118 5	51	8
26	19	107 131 5	51	8
28	19	107 126 5	51	8

 * Solid Carbide.

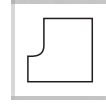




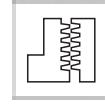
Routing



Grooving
& Sizing



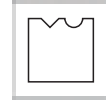
Profiling &
Chamfering



Jointing &
Rebating

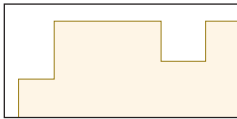
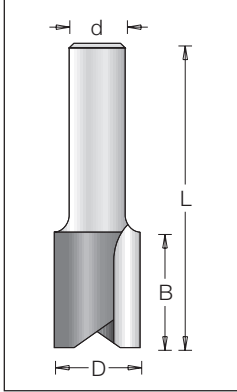


Frame &
Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
4.0	11	107 004 9 *	63	12
5.0	11	107 007 9 *	60	12
6.0	19	107 010 9 *	64	12
7.0	19	107 016 9	63	12
8.0	19	107 022 9	63	12
	25	107 025 9	69	12
10.0	19	107 028 9	63	12
	25	107 031 9	69	12
	32	107 034 9	76	12
12.0	25	107 046 9	66	12
	32	107 049 9	73	12
	38	107 052 9	79	12
	51	107 055 9	108	12
13.5	32	107 057 9	73	12
14.0	25	107 061 9	66	12
15.0	25	107 064 9	66	12
	25	107 070 9	66	12
16.0	32	107 073 9	73	12
	38	107 076 9	79	12
16.7	32	107 077 9	73	12
18.0	25	107 084 9	66	12
	32	107 085 9	73	12
	51	107 082 9	92	12
	25	107 091 9	66	12
19.0	38	107 097 9	79	12
	25	107 103 9	66	12
20.0	32	107 106 9	73	12
	51	107 098 9	92	12
	25	107 112 9	66	12
	32	107 115 9	73	12
22.0	51	107 120 9	92	12
	19	107 119 9	60	12
24.0	25	107 121 9	66	12
	32	107 124 9	73	12
25.0	38	107 127 9	79	12
	32	107 128 9	73	12
28.6	32	107 129 9	73	12
30.0	25	107 130 9	66	12
	32	107 133 9	73	12
35.0	25	107 136 9	66	12
	32	107 139 9	73	12
40.0	25	107 142 9	66	12
	32	107 145 9	73	12
51.0	32	107 195 9	73	12



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

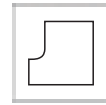




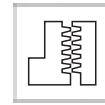
Routing



Grooving & Sizing



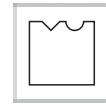
Profiling & Chamfering



Jointing & Rebating

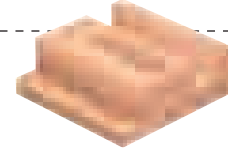
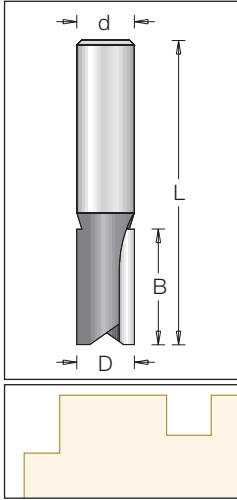


Frame & Panel door



Carving

Straight Bit

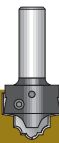


øD	B	Code No.	L	ød
6.3	12.7	107 509 9 *	57.0	12
	19.0	107 510 9 *	63.5	12
6.3	25.4	107 513 9	70.0	12
	19.0	107 522 9	63.5	12
8.0	25.4	107 525 9	70.0	12
	25.4	107 525 9L	70.0	12
9.5	19.0	107 528 9	63.5	12
	25.4	107 531 9	70.0	12
	25.4	107 531 9L	70.0	12
	31.7	107 534 9	76.2	12
11.1	25.4	107 540 9	70.0	12
	31.7	107 542 9	76.2	12
	25.4	107 546 9	66.7	12
	31.7	107 549 9	73.0	12
12.7	31.7	L 107 549 9	81.0	12
	38.0	107 582 9	79.0	12
	38.0	107 582 9L	79.0	12
	50.8	107 583 9	108.0	12
	50.8	107 583 9L	108.0	12
	63.5	107 584 9	114.3	12
14.2	25.4	107 552 9	66.7	12
	31.7	107 585 9	73.0	12
15.8	25.4	107 558 9	66.7	12
	31.7	107 588 9	73.0	12
	38.0	107 591 9	79.3	12
	50.8	107 592 9	92.0	12
17.4	31.7	107 594 9	73.0	12
	25.4	107 597 9	66.7	12
	31.7	107 600 9	73.0	12
19.0	31.7	107 600 9L	73.0	12
	38.0	107 603 9	79.3	12
	50.8	107 604 9	92.0	12
	50.8	107 604 9L	92.0	12
19.8	31.7	107 566 9	73.0	12
20.6	25.4	107 606 9	66.7	12
	31.7	107 609 9	73.0	12
22.2	25.4	107 612 9	66.7	12
	31.7	107 615 9	73.0	12
	25.4	107 618 9	66.7	12
25.4	31.7	107 621 9	73.0	12
	38.0	107 624 9	79.3	12
	50.8	107 625 9	92.0	12
31.7	31.7	107 630 9	73.0	12
	25.4	107 633 9	66.7	12
35.0	31.7	107 636 9	73.0	12
	38.0	107 637 9	73.0	12
42.1	31.7	107 642 9	73.0	12
44.4	31.7	107 645 9	73.0	12
47.6	31.7	107 648 9	73.0	12
50.8	31.7	107 649 9	73.0	12



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

L- Left Hand Roution

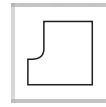




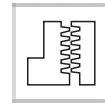
Routing



Grooving & Sizing



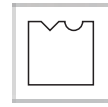
Profiling & Chamfering



Jointing & Rebating

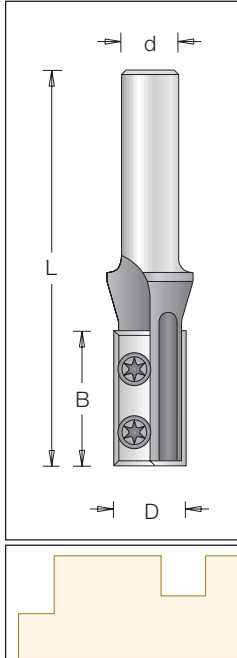


Frame & Panel door



Carving

Straight Bit



øD	B	Code No.	L	ød
14	30	107 311 9 *	86	12
16	30	107 312 9	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	107 316 9	88	12
20	30	107 320 9	88	12
22	30	107 324 9	88	12
25	30	107 329 9	88	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:



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

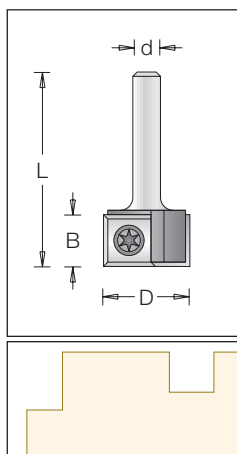


Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15

Flush Trimming Bit



øD	B	Code No.	L	ød
18	12	107 301 5	44	8
20	12	107 302 3	44	6
	12	107 302 5	45	8
22	12	107 303 3	44	6
	12	107 303 9	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

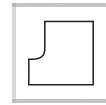




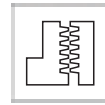
Routing



Grooving & Sizing



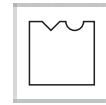
Profiling & Chamfering



Jointing & Rebating

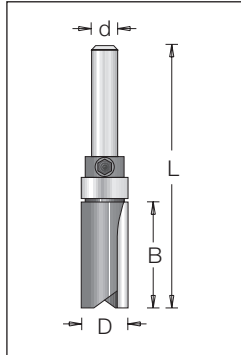


Frame & Panel door



Carving

Straight Bit - Template Profile



øD	B	Code No.	L	ød	
6.3	12.7	1072 40 3	51	6.0	A
12.7	25.4	1072 46 3	63	6.0	A
12.7	32.0	1072 48 3	69	6.0	A
15.9	25.4	1072 58 3	63	6.0	B
19.1	25.4	1072 66 3	63	6.0	C
19.1	25.4	1072 97 9	77	12.0	D
19.1	50.8	1072 04 9	92	12.0	D
25.4	44.5	1072 22 9	95	12.0	G
26.0	25.4	1072 74 6	73	9.5	E
28.6	38.1	1072 39 9	92	12.0	F
31.8	44.5	1072 37 9	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
1/4x1/2 x3/16



B.Ball Bearing
#191 005 0
1/4x5/8x5.0



C.Ball Bearing
#191 014 0
1/4x3/4x9/32



D.Ball Bearing
#191 020 0
1/2x3/4x5/32

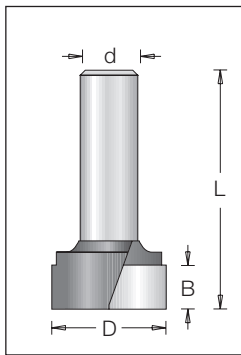
E.Ball Bearing
#191 017 0
10x26x8

F.Ball Bearing
#191 018 0
1/2x1 1/8x5/16

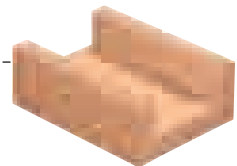
G.Ball Bearing
#191 921 0
15x25.4x6

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

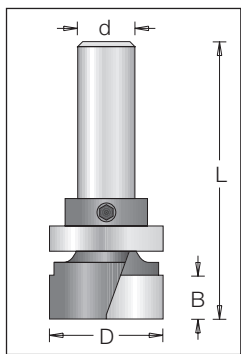
Bottom Cleaning Bit



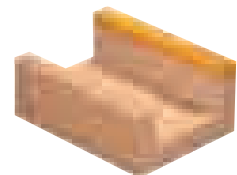
øD	B	Code No.	L	ød
19.1	11.1	1640 07 3	57.0	6
	11.1	1640 07 9	63.5	12
25.4	11.1	1640 14 9	64.0	12
	16.0	1640 18 9	69.0	12



⚠ 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	1642 07 3	57.0	6	A
	11.1	1642 07 9	63.5	12	B
25.4	11.1	1642 14 9	64.0	12	C
	16.0	1642 18 9	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



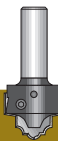
B.Ball Bearing
#191 020 0
19x12.7x4



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



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

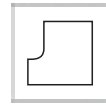




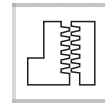
Routing



Grooving & Sizing



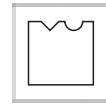
Profiling & Chamfering



Jointing & Rebating

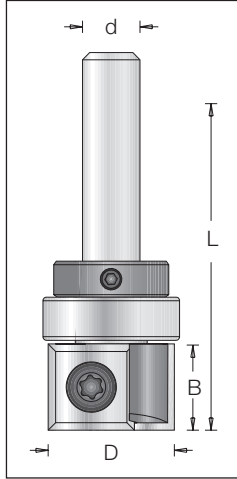


Frame & Panel door



Carving

Straight Bit - Template Profile



øD	Code No.	B	L	ød
19	1073 41 5	12	52.5	8
19	1073 91 5	20	61.5	8
19	1073 83 5	30	71.0	8



Spare Parts:



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



D.Ball Bearing
#191 025 0
19x6x8



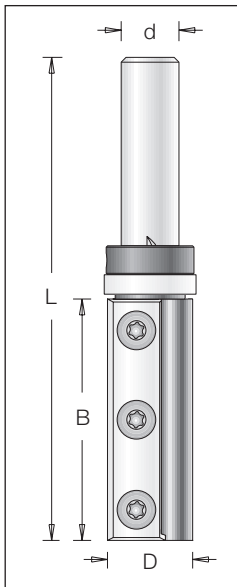
Torx screw
#193 148 0
M4x5.6



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	1073 89 9	101.6	12

Spare Parts:



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



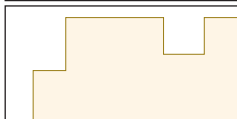
D.Ball Bearing
#191 020 0
19x12.7x4



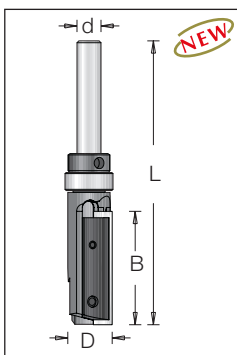
Torx screw
#193 148 2
M4x5.6



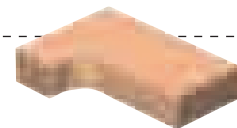
Torx key
#194 101 5
T15



Straight Bit - Template Profile



øD	Code No.	B	L	ød
12.7	1073 63 3	30	80	6
19.0	1073 59 9	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



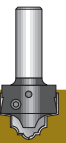
Torx key
#194 110 0
T9



Allen key
#194 008 1
S1.5

D=19 #310 121 2 #310 751 4 #199 089 0 #191 020 0 #193 404 0
12x12x1.5 30x5.5x1.1 L=30 19.12.7x4 M3.5x6

#194 101 5
T15

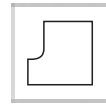




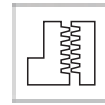
Routing



Grooving & Sizing



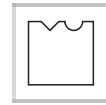
Profiling & Chamfering



Jointing & Rebating

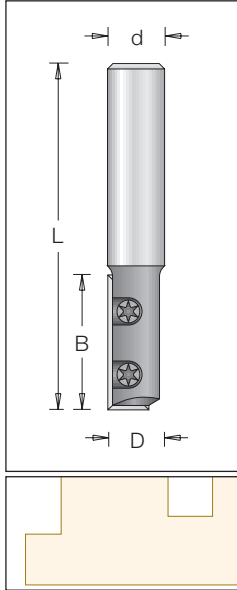


Frame & Panel door



Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
12	30	107 350 9	77	12
14	30	107 354 9	77	12
15	30	107 355 9	77	12



Can be supplied with 1/2" shank.

Spare Parts:



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

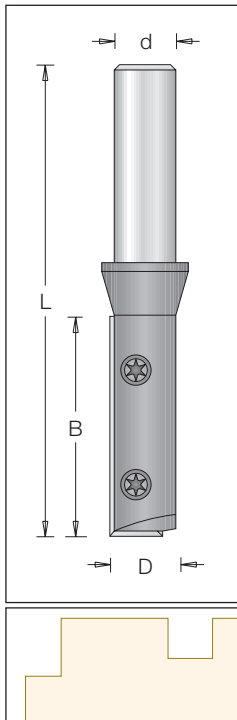


Torx screw
#193 354 8
M3.5x4.8

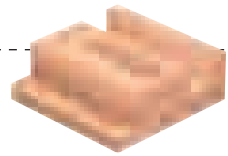


Torx key
#194 101 5
T15

Straight and Plunge Bit



øD	B	Code No.	L	ød
16	50	107 360 9	107	12
18	50	107 364 9	107	12
20	50	107 368 9	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

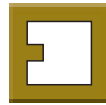


Torx key
#194 101 5
T15

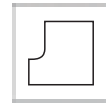




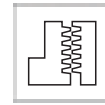
Routing



Grooving & Sizing



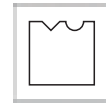
Profiling & Chamfering



Jointing & Rebating

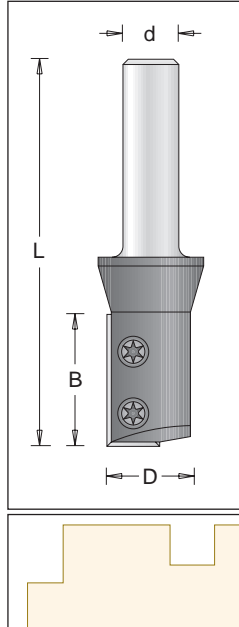


Frame & Panel door

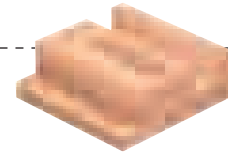


Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
16.0	30	107 358 9	88	12
18.0	30	107 362 9	88	12
20.0	30	107 366 9	88	12
22.0	30	107 370 9	88	12
15.9	30	107 382 9	88	12



Can be supplied with 1/2" shank.

Spare Parts:



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

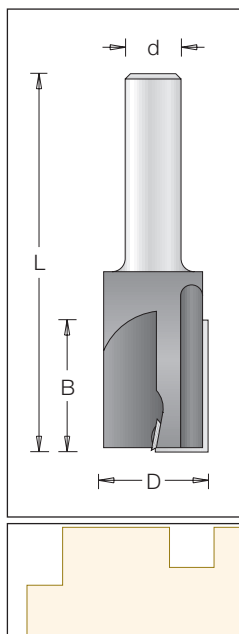


Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15

Straight and Plunge Bit



øD	B	Code No.	L	ød
25	30	107 378 9	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

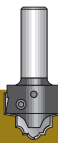


Torx screw
#193 148 2
M4x5.6



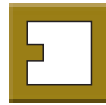
Torx key
#194 101 5
T15

Routing

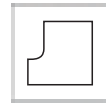




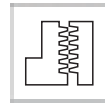
Routing



Grooving & Sizing



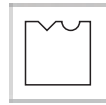
Profiling & Chamfering



Jointing & Rebating

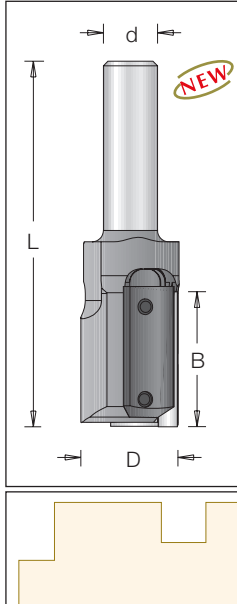


Frame & Panel door

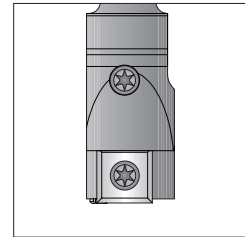


Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
9.52	20	1073 45 9	70.0	12
10.0	20	1073 15 9	70.0	12
12.0	30	1073 28 9	80.0	12
12.7	30	1073 46 9	80.0	12
12.7	50	1073 47 9	100.0	12
14.0	30	1073 43 9	80.0	12
16.0	30	107 361 9	80.8	12
16.0	50	107 321 9	101.0	12
18.0	30	1073 44 9	80.0	12
19.0	30	1073 48 9	81.0	12
19.0	50	1073 49 9	105.0	12
20.0	30	107 323 9	81.5	12
22.0	30	107 325 9	81.0	12
24.0	30	107 327 9	81.0	12
26.0	30	107 339 9	81.0	12



Can be supplied with 1/2" shank.

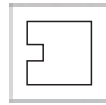
Spare Parts:

	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 2137 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 2138 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	

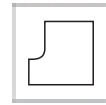




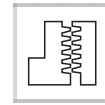
Routing



Grooving & Sizing



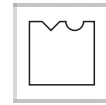
Profiling & Chamfering



Jointing & Rebating

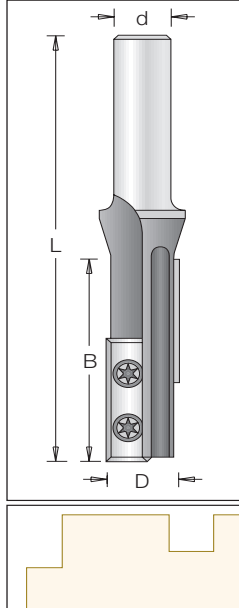


Frame & Panel door



Carving

Staggered Straight Bit



øD	B	Code No.	L	ød
16	50	107 314 9 *	107	12
18	50	107 318 9	107	12
20	50	107 322 9	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

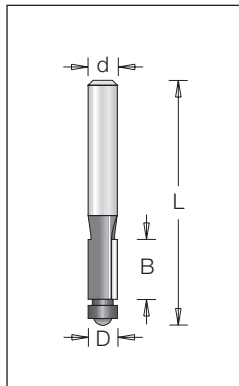


Torx screw
193 148 2
M4xS6



Torx key
194 101 5
T15

Flush Trimmer Bit

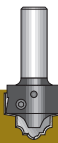


øD	B	Code No.	Flutes	L	ød
6.35	12.7	1011 01 3	2	52	6
	25.4	1011 00 3	2	65	6



Can be supplied with 1/4" shank.

Routing

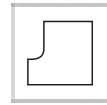




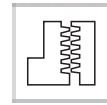
Routing



Grooving & Sizing



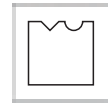
Profiling & Chamfering



Jointing & Rebating

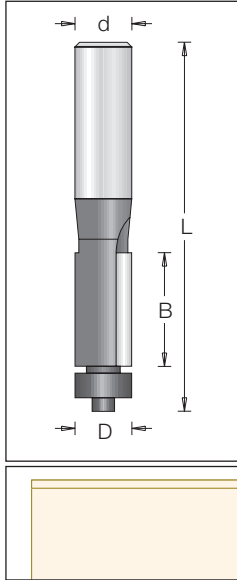


Frame & Panel door



Carving

Flush Trimmer Bit



	øD	B	Code No.	Teeth	L	ød	
9.5	12.7	1010 01 3	2	56	6.0	A	
	12.7	1010 01 5	2	59	8.0	A	
	25.4	1010 04 3	2	69	6.0	A	
	25.4	1010 04 5	2	72	8.0	A	
12.7	6.3	1010 47 3	2	53	6.0	B	
	6.3	1010 47 5	2	53	8.0	B	
	12.7	1010 07 3	2	56	6.0	B	
	12.7	1010 07 5	2	60	8.0	B	
	25.4	1010 10 3	2	67	6.0	B	
	25.4	1010 10 5	2	71	8.0	B	
19.1	25.4	1010 10 6	2	74	9.5	B	
	12.7	1010 07 9	2	71	12.0	B	
	25.4	1010 10 9	2	84	12.0	B	
	38.1	1010 16 9	2	99	12.0	B	
	51.0	1010 19 9	2	108	12.0	B	
	12.7	1010 22 3	3	56	6.0	B	
	25.4	1010 25 3	3	67	6.0	B	
	12.7	12.7	1010 22 9	3	71	12.0	B
	25.4	1010 25 9	3	84	12.0	B	
	38.1	1010 28 9	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
4.7x9.5x3.1

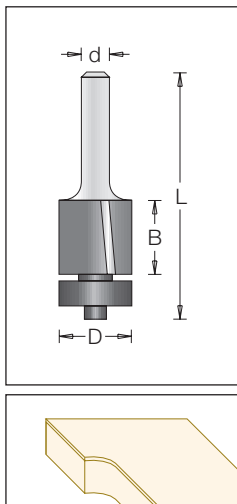


B.Ball Bearing
#191 007 0
4.7x12.7x5



C.Ball Bearing
#191 014 0
6.3x19x7

Flush Trimmer Bit - Shear Angle



	øD	B	Code No.	L	ød		
16.0	16.0	1010 13 3	Down cut	56.0	6	A	
	16.0	1010 13 5	Down cut	60.0	8	A	
19.1	16.0	1010 15 3	Down cut	61.0	6	B	
	16.0	1010 15 5	Down cut	64.0	8	B	
	25.4	1010 18 5	Down cut	75.0	8	B	
	25.4	1010 18 3	Down cut	72.0	6	B	
19.1	38.1	1013 01 9	Up cut	98.4	12	B	
	50.8	1013 02 9	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

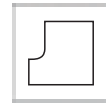




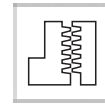
Routing



Grooving & Sizing



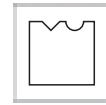
Profiling & Chamfering



Jointing & Rebating

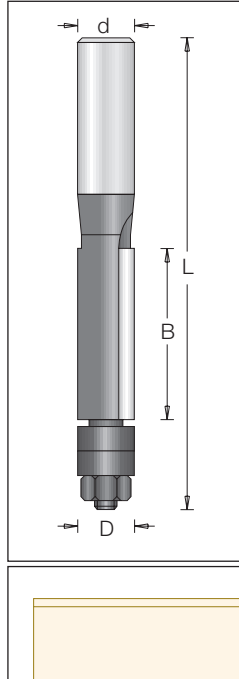


Frame & Panel door



Carving

Flush Trimmer Bit - Double Bearing



$\varnothing D$	B	Code No.	Teeth	L	$\varnothing d$
12.7	38.1	1010 17 9	2	103.5	12
	51	1010 20 9	2	116.7	12
	38.1	1010 30 9	3	103.5	12



Can be supplied with 1/2" shank.

Spare Parts:

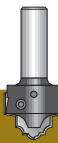


Ball Bearing
#191 007 0
4.7x12.7x5

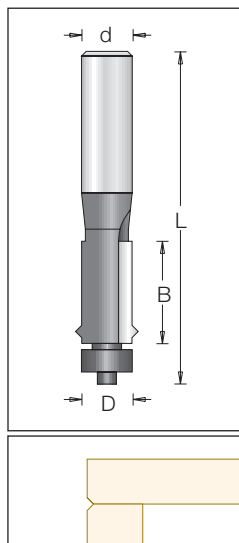


Nut
#198 001 0
NC3/16

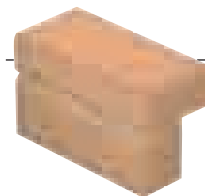
Routing



Flush Trimmer - V Groove Bit



$\varnothing D$	B	Code No.	Flutes	L	$\varnothing d$
12.7	25.4	1010 11 3	2	67	6
	25.4	1010 11 9	2	83	12



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

Spare Parts:



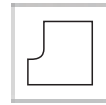
Ball Bearing
#191 007 0
4.7x12.7x5



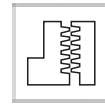
Routing



Grooving & Sizing



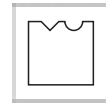
Profiling & Chamfering



Jointing & Rebating

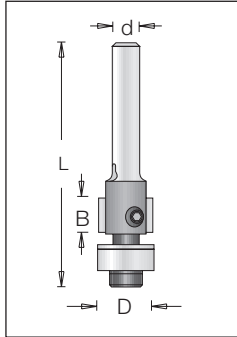


Frame & Panel door

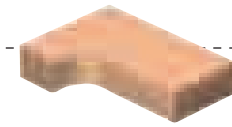


Carving

Flush Trimming Bit



øD	B	Code No.	L	ød
12.7	8.5	1019 10 3	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

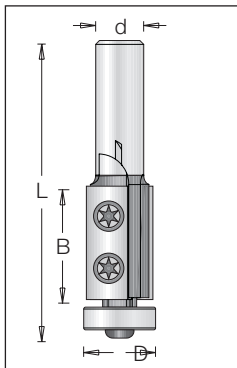


Allen screw
#193 033 0
M3x6

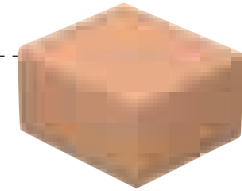


Allen key
#194 102 0
S1.5

Flush Trimming Bit



øD	B	Code No.	L	ød
19	12	1019 40 3 *	52	6
	12	1019 40 5 *	57	8
	30	1019 44 3	70	6
	30	1019 44 5	72	8
	30	1019 44 9	78	12
	50	1019 47 9 **	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

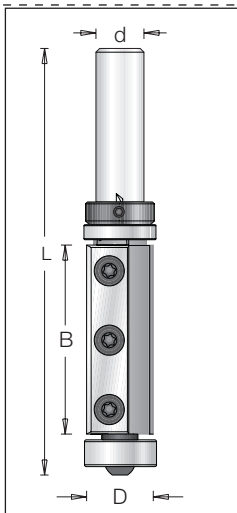


Torx screw
#193 148 2
M - 4x5.6



Torx key
#194 101 5
T - 15

Flush Trimming Bit



øD	B	Code No.	L	ød
19	50	1019 57 9	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

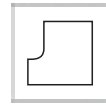




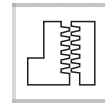
Routing



Grooving & Sizing



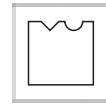
Profiling & Chamfering



Jointing & Rebating

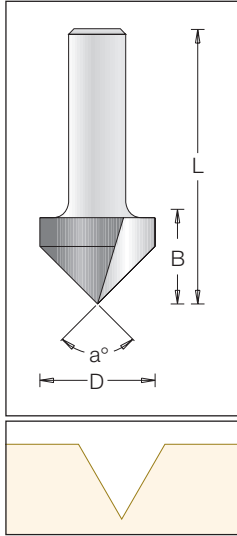


Frame & Panel door

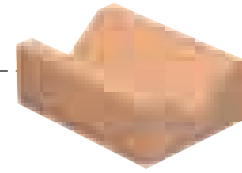


Carving

V Groove Bit

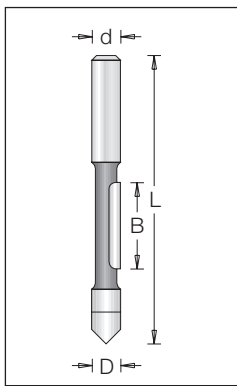


øD	a	B	Code No.	L	ød
9.5	90°	11.0	1050 01 3	42.0	6
	90°	11.0	1050 01 5	45.0	8
12.7	60°	16.0	1050 04 3	44.5	6
	60°	16.0	1050 04 5	47.5	8
	70°	16.0	1050 07 3	44.5	6
16.0	90°	12.7	1050 10 3	41.5	6
	90°	12.7	1050 10 5	44.0	8
	90°	12.7	1050 13 3	41.3	6
19.1	90°	12.7	1050 13 5	45.0	8
	90°	16.0	1050 16 3	45.0	6
22.2	90°	16.0	1050 16 5	48.0	8
	90°	19.1	1050 17 3	48.0	6
25.4	90°	19.1	1050 19 3	48.0	6
	90°	19.1	1050 19 5	51.0	8
9.5	90°	11.0	1050 01 9	52.0	12
12.7	90°	12.7	1050 10 9	55.0	12
16.0	90°	12.7	1050 13 9	51.0	12
19.1	90°	16.0	1050 16 9	54.0	12
25.4	90°	19.1	1050 19 9	57.0	12
31.8	90°	25.4	1050 22 9	63.5	12
38.1	90°	31.8	1050 25 9	70.0	12
51.0	90°	44.5	1050 31 9	83.0	12

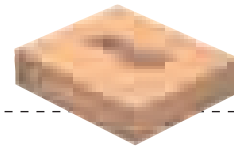


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Panel Pilot Bit

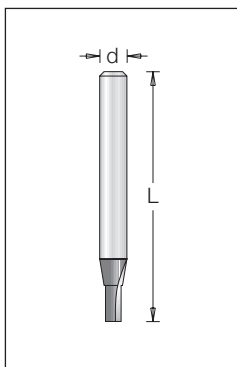


øD	B	Code No.	L	ød
6.3	19.1	1150 01 3 *	63.5	6.0
	19.1	1150 01 5 *	63.5	8.0
9.5	25.4	1150 04 6 *	76.2	9.5
12.7	30.1	1150 07 9 *	88.9	12.0
12.7	30.1	1153 07 9 **	88.9	12.0

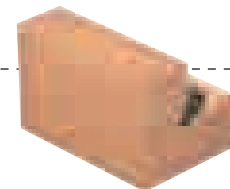


⚠ * Single Fluted
** Double Fluted
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

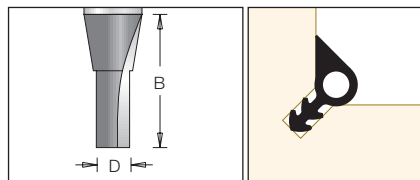
Seal Straight Bit



øD	B	Code No.	L	ød
3	8	1078 02 3	55	6
	8	1078 02 5	48	8



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

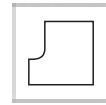




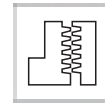
Routing



Grooving & Sizing



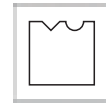
Profiling & Chamfering



Jointing & Rebating

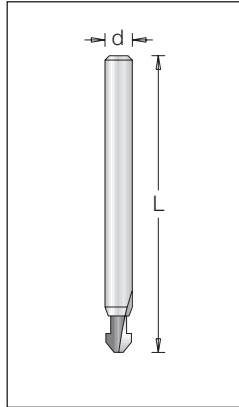


Frame & Panel door



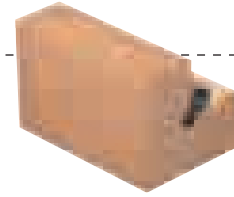
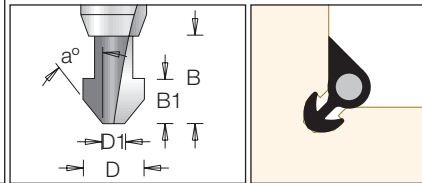
Carving

Seal Profile Bit

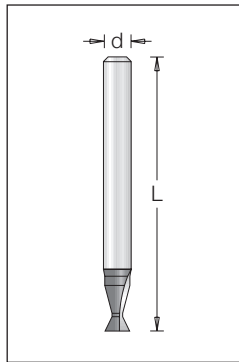


øD	øD1	Code No.	B	B1	a	L	ød
5.5	2	1041 01 3	8	4	38°	65	6

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

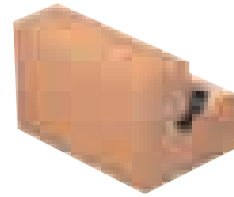
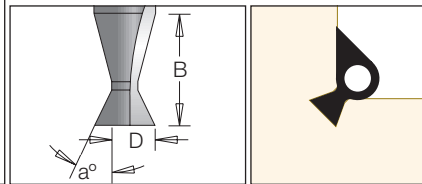


Dovetail Seal Bit

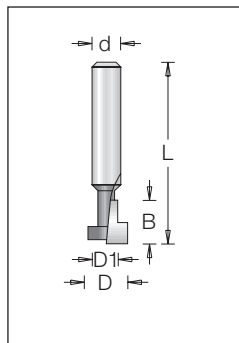


øD	a	B	Code No.	L	ød
5.1	25°	8	1043 00 3	60	6

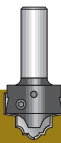
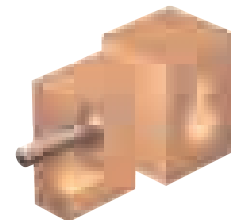
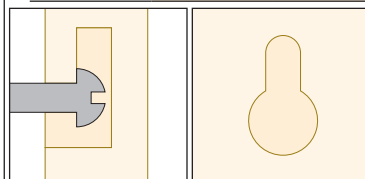
⚠ Solid Carbide



Keyhole Slot Cutter - Single Fluted

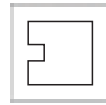


øD	øD1	B	Code No.	L	ød
9.7	5	9.5	1141 01 3	40.0	6
	5	9.5	1141 01 5	47.0	8
12.7	8	9.5	1141 03 3	38.1	6
	8	9.5	1141 03 5	38.1	8

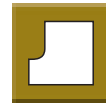




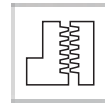
Routing



Grooving & Sizing



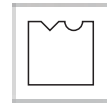
Profiling & Chamfering



Jointing & Rebating

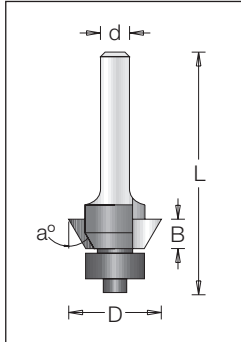


Frame & Panel door

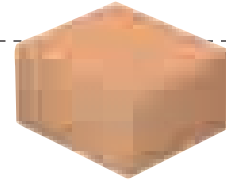


Carving

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød
15.9	15°	6.3	1020 04 3	53	6
	15°	6.3	1020 04 5	53	8
19.1	25°	6.3	1020 07 3	53	6
	25°	6.3	1020 07 5	53	8
	30°	6.3	1020 08 3	53	6
	30°	6.3	1020 08 5	53	8



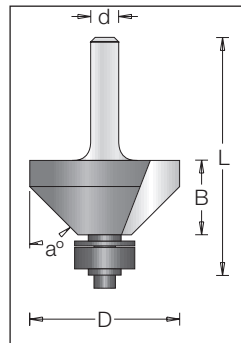
⚠ 6mm Can be supplied with 1/4" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød	Image
22.2	45°	6.3	1020 10 3	47.0	6	A
	45°	6.3	1020 10 5	50.0	8	A
24.0	15°	9.5	1020 05 3	53.0	6	A
	15°	9.5	1020 05 5	56.5	8	A
35.0	45°	18.0	1020 12 3	57.0	6	B
	45°	18.0	1020 12 9	67.0	12	B



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

Spare Parts:

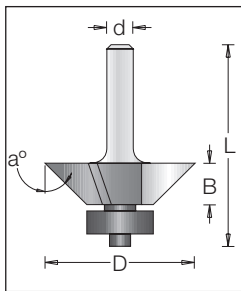


A.Ball Bearing
#191 014 0
19x6.3x7



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	1410 01 3	49	6
	15°	10	1410 04 3	49	6
19	15°	10	1410 04 5	53	8
	25°	10	1410 07 3	50	6
22.2	25°	10	1410 07 5	53	8
	45°	10	1410 10 3	50	6
30	45°	10	1410 10 5	53	8

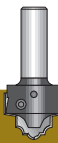


⚠ 6mm Can be supplied with 1/4" shank.

Spare Parts:

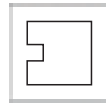


Ball Bearing
#191 010 0
16x5x5





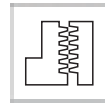
Routing



Grooving & Sizing



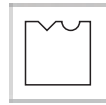
Profiling & Chamfering



Jointing & Rebating

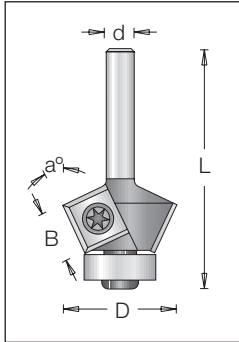


Frame & Panel door



Carving

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød
20	15°	12	1021 52 3	55	6
	15°	12	1021 52 5	55	8
24	25°	12	1022 52 3	55	6
	25°	12	1022 52 5	55	8
26	30°	12	1023 02 3	54	6
	30°	12	1023 02 5	54	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

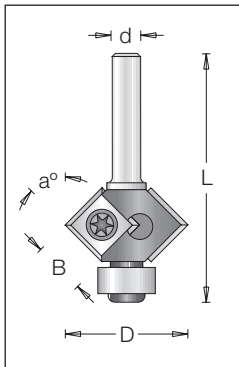


Ball Bearing
#191 005 0
16x6.3x4.7

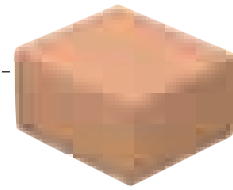


Torx key
#194 101 5
T15

Bevel Trimming Bit



øD	a	B	Code No.	L	ød
27	45°	12	1024 52 3	56	6
	45°	12	1024 52 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

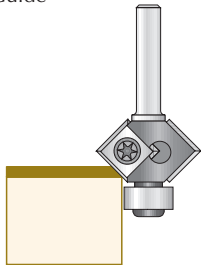


Ball Bearing
191 003 0
6.3x12.7x4.7

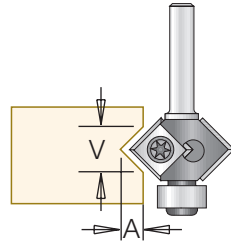


Torx key
194 101 5
T15

Chamfering 45°
With Ball Bearing
Guide

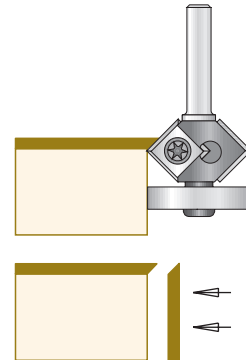


Application "v" groove. By putting different ball bearings, you can adjust the groove depth as follows:



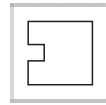
Code No.	Description	A	V
191 003 0	1/4" x 1/2" x 3/16"	7.0mm	14.0mm
191 005 0	1/4" x 5/8" x 3/16"	5.0mm	10.0mm
191 014 0	1/4" x 3/4" x 9/32"	3.2mm	6.4mm
191 937 0	1/4" x 27 x 5	3.2mm	6.4mm

45° miter joint undercutter assembly
with delrin guide

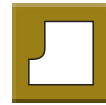




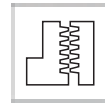
Routing



Grooving & Sizing



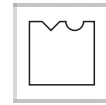
Profiling & Chamfering



Jointing & Rebating

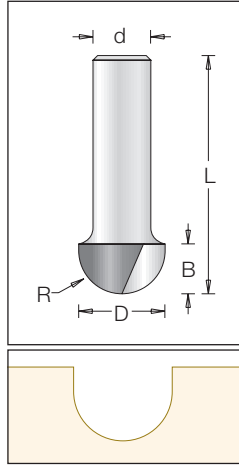


Frame & Panel door

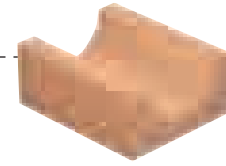


Carving

Core Box Bit

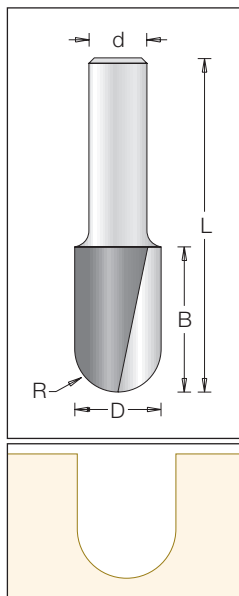


øD	R	B	Code No.	L	ød
9.5	4.8	6.3	1060 09 3	38.0	6
	4.8	6.3	1060 09 5	42.5	8
12.7	6.3	9.5	1060 12 3	38.0	6
	6.3	9.5	1060 12 5	41.5	8
15.9	7.9	11.0	1060 15 3	40.0	6
	7.9	11.0	1060 15 5	43.5	8
19.1	9.5	11.0	1060 18 3	40.0	6
	9.5	11.0	1060 18 5	43.0	8
22.2	11.0	13.8	1060 21 3	44.5	6
	11.0	13.8	1060 21 5	46.0	8
25.4	12.7	17.5	1060 24 3	46.5	6
	12.7	17.5	1060 24 5	50.0	8
9.5	4.8	6.3	1060 09 9	52.0	12
12.7	6.3	9.5	1060 12 9	55.5	12
15.9	7.9	11.0	1060 15 9	51.0	12
19.1	9.5	11.0	1060 18 9	49.5	12
22.2	11.0	13.8	1060 21 9	52.0	12
25.4	12.7	17.5	1060 24 9	56.0	12
32.0	16.0	32.0	1060 33 9	70.0	12
38.1	19.1	32.0	1060 37 9	70.0	12
50.8	25.4	32.0	1060 40 9	70.0	12

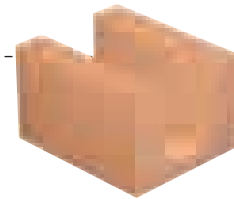


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

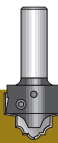
Core Box Bit



øD	R	B	Code No.	L	ød
3.2	1.6	9.5	1060 01 3 *	44.0	6
	1.6	9.5	1060 01 5 *	44.0	8
4.8	2.4	11.0	1060 03 3 *	47.0	6
	2.4	11.0	1060 03 5 *	47.0	8
6.3	3.2	11.0	1060 06 3 *	47.0	6
	3.2	11.0	1060 06 5 *	47.0	8
8.0	4.0	12.7	1060 07 3	47.0	6
	4.0	12.7	1060 07 5	50.0	8
14.0	7.0	18.0	1060 17 3	46.5	6
	7.0	18.0	1060 17 9	60.0	12
18.0	9.0	19.0	1060 20 3	48.0	6
9.5	4.8	25.4	1060 11 9	70.0	12
12.7	6.3	32.0	1060 13 9	73.0	12
14.2	7.1	32.0	1060 14 9	73.0	12
16.0	8.0	32.0	1060 16 9	70.0	12
19.1	9.5	32.0	1060 19 9	70.0	12
22.2	11.1	32.0	1060 29 9	70.0	12
25.4	12.7	32.0	1060 30 9	70.0	12

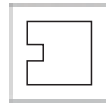


⚠ * Solid Carbide
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

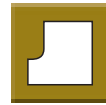




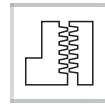
Routing



Grooving & Sizing



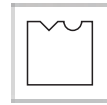
Profiling & Chamfering



Jointing & Rebating

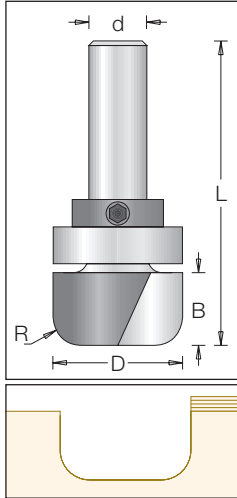


Frame & Panel door



Carving

Dish Carving Bit



øD	R	B	Code No.	L	ød	
12.7	3.0	12.7	1062 62 3	54	6	A
19.1	6.5	16.0	1062 63 3	60	6	B
	6.5	16.0	1062 63 9	67	12	C
28.6	6.5	16.0	1062 69 9	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
1/4 x 1/2 x 3/16



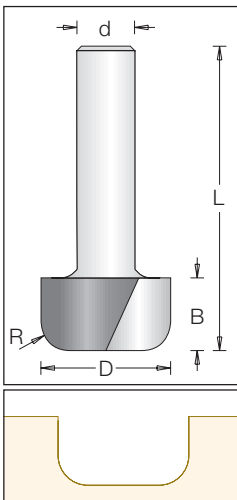
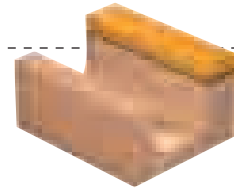
B. Ball Bearing
#191 014 0
1/4 x 3/4 x 9/32



C. Ball Bearing
#191 020 0
1/2 x 3/4 x 5/32

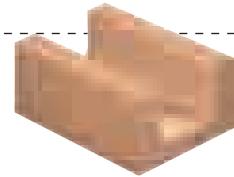


D. Ball Bearing
#191 018 0
1/2 x 1 1/8 x 12

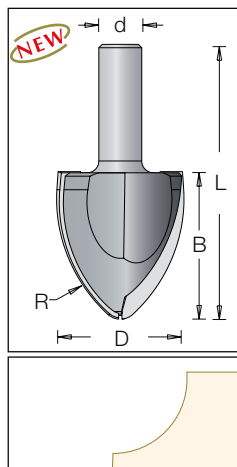


øD	R	B	Code No.	L	ød
11.0	3.0	12.7	1060 60 3	54	6
12.7	3.0	12.7	1060 62 3	54	6
19.1	6.5	16.0	1060 63 3	60	6
	6.5	16.0	1060 63 9	67	12
28.6	6.5	16.0	1060 69 9	67	12

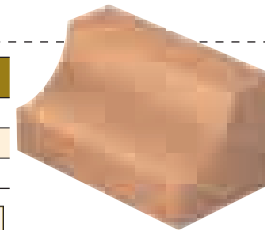
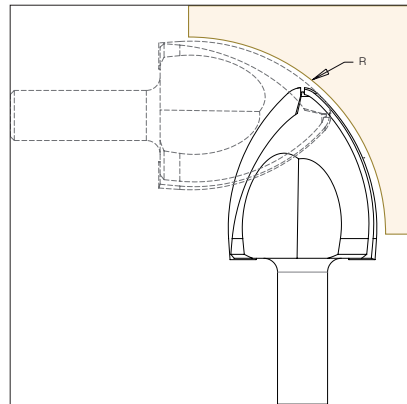
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



Large Radius

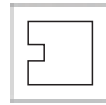


øD	R	B	Code No.	L	ød
52	70	55	1060 44 9	97	12
46	60	51	1060 45 9	89	12
40	50	44	1060 46 9	82	12

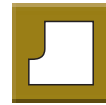




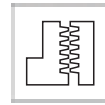
Routing



Grooving & Sizing



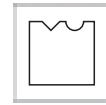
Profiling & Chamfering



Jointing & Rebating

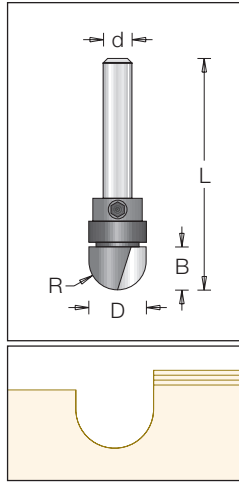


Frame & Panel door



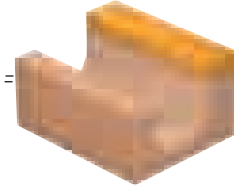
Carving

Core Box Bit

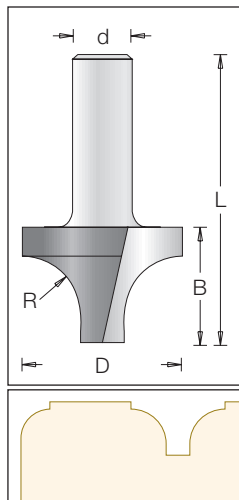


øD	R	B	Code No.	L	ød
12.7	6.35	9.5	1062 12 3	51	6

⚠ Can be supplied with 1/4" shank.

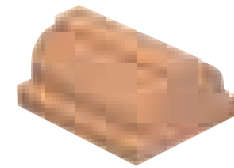


Rounding Over Bit

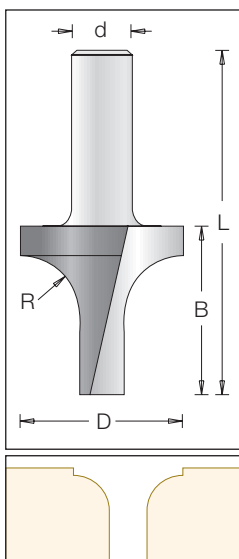


øD	R	B	Code No.	L	ød
19.1	6.3	12.7	1170 01 3	41.0	6
	6.3	12.7	1170 01 5	44.5	8
22.2	7.9	14.3	1170 04 3	43.0	6
	7.9	14.3	1170 04 5	46.5	8
25.4	9.5	15.9	1170 07 3	44.0	6
	9.5	15.9	1170 07 5	47.5	8
15.9	4.8	11.1	1170 03 9	49.0	12
19.1	6.3	12.7	1170 01 9	51.0	12
22.2	7.9	14.3	1170 04 9	52.5	12
25.4	9.5	15.9	1170 07 9	54.0	12
34.9	12.7	25.4	1170 10 5	57.5	8
	12.7	25.4	1170 10 9	63.5	12
44.5	15.9	31.8	1170 13 5	63.5	8
	15.9	31.8	1170 13 9	70.0	12
50.8	19.1	36.5	1170 17 9	75.0	12

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



Rounding Over Bit

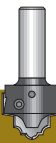


øD	øD1	R	B	Code No.	L	ød
22	12	3	31	117 150 5	63	8
	12	3	31	117 150 9	69	12
30	12	6	35	117 155 5	67	8
	12	6	35	117 155 9	73	12
34	12	8	38	117 160 5	70	8
	12	8	38	117 160 9	76	12

⚠ Can be supplied with 1/2" shank.

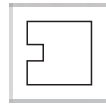


Routing

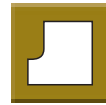




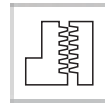
Routing



Grooving & Sizing



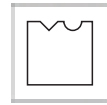
Profiling & Chamfering



Jointing & Rebating

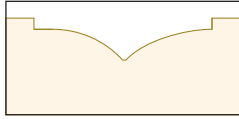
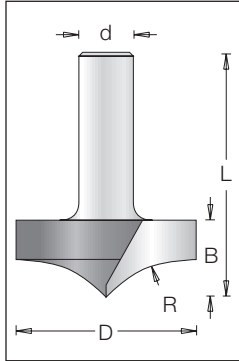


Frame & Panel door



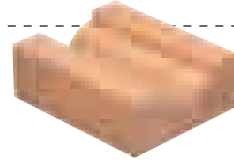
Carving

Round Over Bit

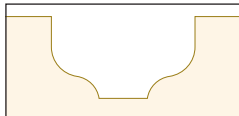
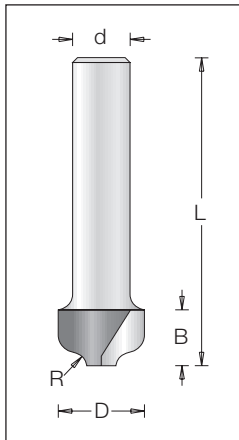


ϕD	R	B	Code No.	L	ϕd	ϕd
44.5	18.3	18.3	1173 02 9	56.3	12	12
41.3	25.4	18.3	1173 04 9	56.3	12	12

⚠ Can be supplied with 1/2" shank.

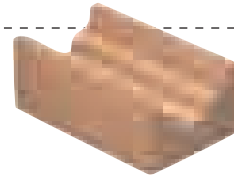


Ogee Bit - Flat Bottom

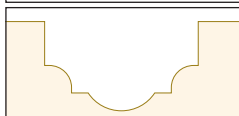
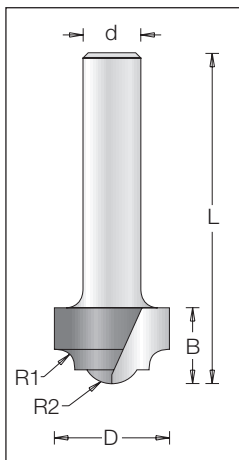


ϕD	R	B	Code No.	L	ϕd
12.7	2.0	9.5	1300 04 3	51	6
	2.0	9.5	1300 04 5	51	8
19.1	3.5	12.7	1300 07 3	53	6
	3.5	12.7	1300 07 5	53	8
	3.5	12.7	1300 07 9	68	12

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

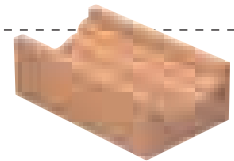


Classical Bit



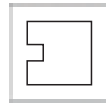
ϕD	R1	R2	B	Code No.	L	ϕd
12.7	2.5	3.5	10.5	1310 01 3	51	6
	2.5	3.5	10.5	1310 01 5	51	8
	3.7	4	12.7	1310 04 3	54	6
19.1	3.7	4	12.7	1310 04 5	54	8
	3.7	4	12.7	1310 04 9	70	12
25.4	5	6.3	16.5	1310 07 5	57	8
	5	6.3	16.5	1310 07 9	73	12
38.1	6.3	6.3	19.1	1310 09 9	76	12

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





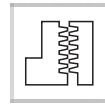
Routing



Grooving & Sizing



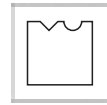
Profiling & Chamfering



Jointing & Rebating

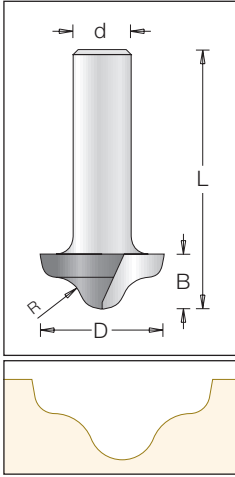


Frame & Panel door



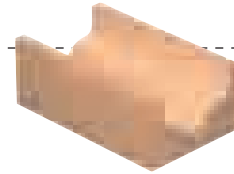
Carving

Ogee Bit

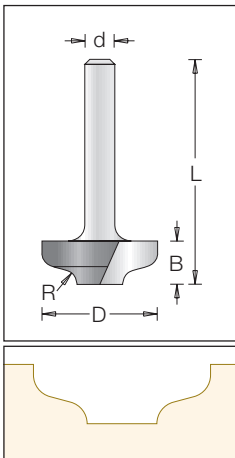


øD	R	Code No.	B	L	ød
27	6	1370 04 3	12	52	6
	6	1370 04 5	12	52	8
	6	1370 04 9	12	57	12

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

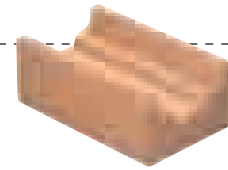


Ogee Bit - Flat Bottom

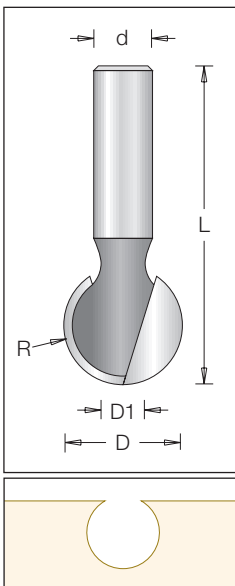


øD	R	Code No.	B	L	ød
25.4	3.2	1470 06 3	9.5	49	6
	3.2	1470 06 5	9.5	49	8
	3.2	1470 06 9	9.5	49	12
35	3.2	1470 10 9	9.5	59	12

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

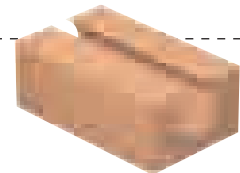


Ball Groovers



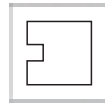
øD	øD1	R	Code No.	L	ød
12.7	6.35	6.35	1066 04 9	58	12
16.0	7.0	8.0	1066 07 9	63	12
19.0	8.0	9.5	1066 10 9	64	12
22.2	8.0	11.1	1066 13 9	68	12
25.4	8.7	12.7	1066 16 9	70	12
28.6	10.3	14.3	1066 19 9	74	12
32.0	11.1	16.0	1066 22 9	75	12

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





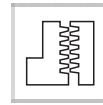
Routing



Grooving & Sizing



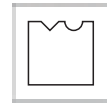
Profiling & Chamfering



Jointing & Rebating

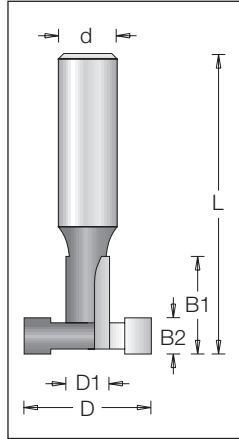


Frame & Panel door



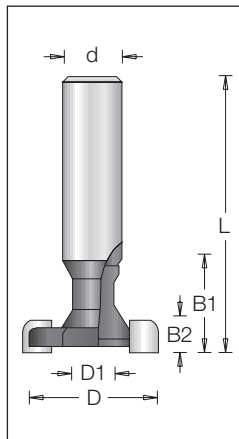
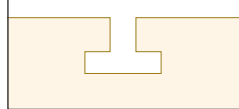
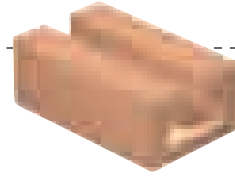
Carving

T - Slotter Bit



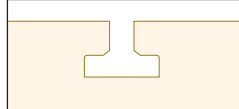
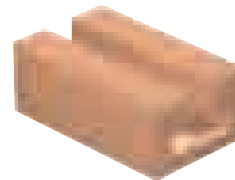
$\varnothing D$	$\varnothing D1$	Code No.	B1	B2	L	$\varnothing d$
28	9.5	1460 20 6	20.7	8.0	60	9.5
	9.5	1460 20 9	20.7	8.0	66	12.0
35	12.7	1460 23 9	22.2	9.5	65	12.0

⚠ Can be supplied with 1/2" shank.

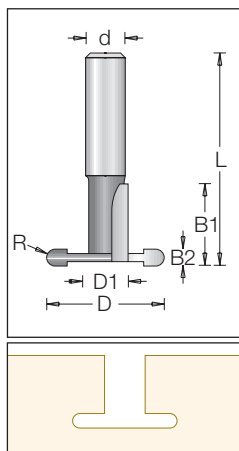


$\varnothing D$	$\varnothing D1$	Code No.	B1	B2	L	$\varnothing d$
30	10.5	1460 70 9	17	7	60	12

⚠ Can be supplied with 1/2" shank.

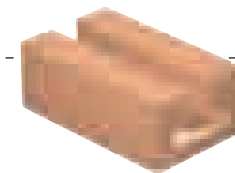


T - Slotter Radius Bit

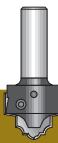


$\varnothing D$	$\varnothing D1$	Code No.	B1	B2	R	L	$\varnothing d$
40.8	9.7	1460 14 6	20.7	4	2	52	9.5
	11.1	1460 10 6	20.7	4	2	52	9.5
28.8	11.1	1460 10 9	20.7	4	2	55	12

⚠ Can be supplied with 1/2" shank.

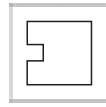


Routing





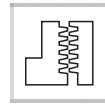
Routing



Grooving & Sizing



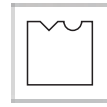
Profiling & Chamfering



Jointing & Rebating

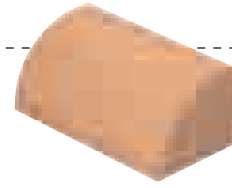
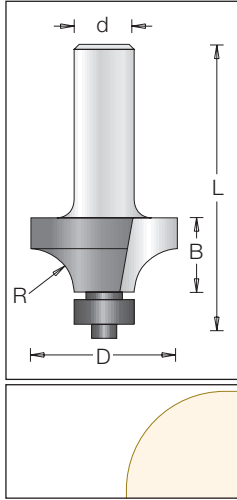


Frame & Panel door




Carving

Rounding - Over Bit



$\varnothing D$	R	B	Code No.	L	$\varnothing d$	n
15.9	1.7	7.9	1090 01 3	47.0	6	
	1.7	7.9	1090 01 5	50.0	8	
19.1	3.2	9.5	1090 04 3	50.0	6	
	3.2	9.5	1090 04 5	53.0	8	
20.7	4.0	9.5	1090 05 3	49.5	6	
	4.0	9.5	1090 05 5	53.0	8	
22.2	4.8	12.7	1090 07 3	52.0	6	
	4.8	12.7	1090 07 5	55.5	8	
25.4	6.3	12.7	1090 10 3	51.5	6	
	6.3	12.7	1090 10 5	55.0	8	
28.6	7.9	13.5	1090 13 3	53.0	6	
	7.9	13.5	1090 13 5	56.0	8	
31.8	9.5	15.9	1090 16 3	55.5	6	
	9.5	15.9	1090 16 5	59.0	8	
35.4	11.1	17.0	1090 50 3	57.0	6	
	11.1	17.0	1090 50 9	66.0	12	
38.1	12.7	19.1	1090 19 3	58.0	6	
	12.7	19.1	1090 19 5	61.0	8	
15.9	1.7	7.9	1090 01 9	57.0	12	
19.1	3.2	9.5	1090 04 9	59.0	12	
20.7	4.0	9.5	1090 05 9	59.0	12	
22.2	4.8	12.7	1090 07 9	62.0	12	
25.4	6.3	12.7	1090 10 9	62.0	12	
28.6	7.9	13.5	1090 13 9	62.0	12	
31.8	9.5	15.9	1090 16 9	65.0	12	
38.1	12.7	19.1	1090 19 9	67.0	12	
41.3	14.3	20.0	1090 20 9	70.0	12	
44.5	15.9	22.2	1090 22 9	71.0	12	
50.8	19.1	25.4	1090 25 9	75.0	12	
57.1	22.2	29.4	1090 26 9	79.0	12	
63.5	25.4	31.8	1090 28 9	91.5	12	
69.9	28.6	34.9	1090 30 9	95.0	12	18,000
76.3	31.8	38.1	1090 31 9	98.0	12	18,000
82.5	35.0	41.3	1090 33 9	101.0	12	16,000
88.9	38.1	44.5	1090 34 9	105.0	12	16,000

Max. RPM

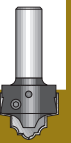
 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



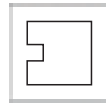
Ball Bearing
#191 007 0
12.7x4.7x5

Routing





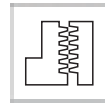
Routing



Grooving & Sizing



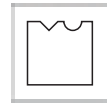
Profiling & Chamfering



Jointing & Rebating

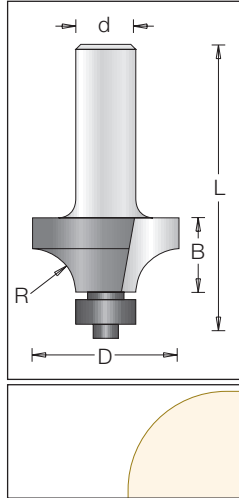


Frame & Panel door

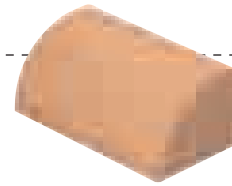


Carving

Ovolo Bit



$\varnothing D$	R	B	Code No.	L	$\varnothing d$	n
16.7	2	7.7	1099 01 3	47.5	6	
	2	7.7	1099 01 5	51.0	8	
18.7	3	9.5	1099 04 3	49.5	6	
	3	9.5	1099 04 5	53.0	8	
22.7	5	12.0	1099 07 3	52.0	6	
	5	12.0	1099 07 5	55.5	8	
24.7	6	12.0	1099 10 3	51.5	6	
	6	12.0	1099 10 5	55.0	8	
28.7	8	13.5	1099 13 3	53.5	6	
	8	13.5	1099 13 5	57.0	8	
32.7	10	16.0	1099 16 3	55.5	6	
	10	16.0	1099 16 5	59.0	8	
36.7	12	17.5	1099 19 3	57.5	6	
	12	17.5	1099 19 5	61.0	8	
32.7	10	16.0	1099 16 9	65.0	12	
36.7	12	17.5	1099 19 9	67.0	12	
42.0	15	21.2	1099 22 9	70.0	12	
48.7	18	25.7	1099 25 9	72.5	12	
52.7	20	25.4	1099 26 9	74.0	12	
62.7	25	31.2	1099 28 9	90.5	12	
72.6	30	38.7	1099 31 9	98.0	12	18,000
82.7	35	42.0	1099 33 9	91.0	12	16,000



Spare Parts:

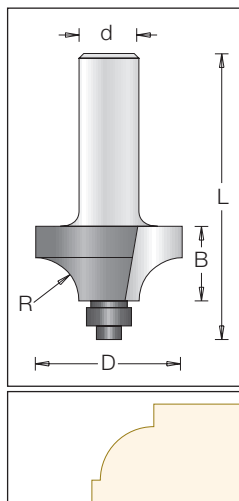


Ball Bearing
#191 007 0
12.7x4.7x5

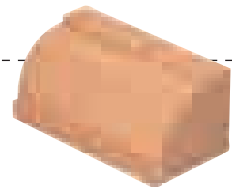
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Max. RPM

Ovolo Bit



$\varnothing D$	R	B	Code No.	L	$\varnothing d$	n
16.7	2	7.7	1199 01 3	47.5	6	
	2	7.7	1199 01 5	51.0	8	
18.7	3	9.5	1199 04 3	49.5	6	
	3	9.5	1199 04 5	53.0	8	
22.7	5	12.0	1199 07 3	52.0	6	
	5	12.0	1199 07 5	55.5	8	
24.7	6	12.0	1199 10 3	51.5	6	
	6	12.0	1199 10 5	55.0	8	
28.7	8	13.5	1199 13 3	53.5	6	
	8	13.5	1199 13 5	57.0	8	
32.7	10	16.0	1199 16 3	55.5	6	
	10	16.0	1199 16 5	59.0	8	
36.7	12	17.5	1199 19 3	57.5	6	
	12	17.5	1199 19 5	61.0	8	
32.7	10	16.0	1199 16 9	65.0	12	
	12	17.5	1199 19 9	67.0	12	
42.0	15	21.2	1199 22 9	70.0	12	
48.7	18	25.7	1199 25 9	72.5	12	
52.7	20	25.4	1199 26 9	74.0	12	
62.7	25	31.2	1199 28 9	90.5	12	
72.6	30	38.7	1199 31 9	98.0	12	18,000
82.7	35	42.0	1199 33 9	91.0	12	16,000



Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3

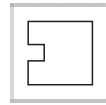
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Max. RPM

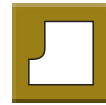




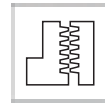
Routing



Grooving & Sizing



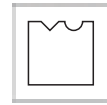
Profiling & Chamfering



Jointing & Rebating

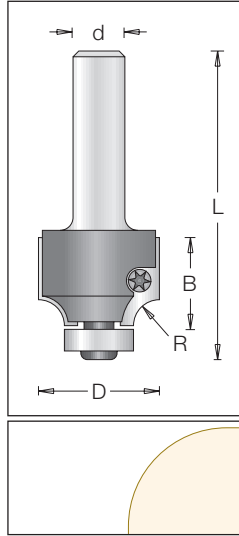


Frame & Panel door

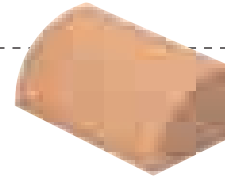


Carving

Rounding - Over Bit



øD	R	B	Code No.	L	ød
25	3	20	1093 01 9	68	12
28	6	20	1093 02 9	68	12
32	8	30	1093 03 9	78	12
36	10	30	1093 04 9	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

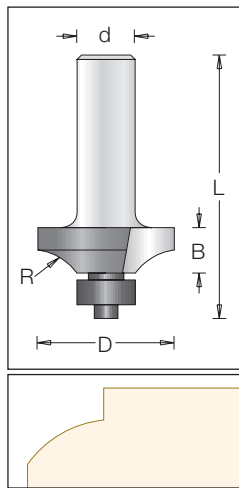


Ball Bearing
#191 010 0
5x16x5



Torx key
#194 101 5
T15

Flat Rounding - Over Bit



øD	R	B	Code No.	L	ød
30	12	10	1092 18 3	50.0	6
	12	10	1092 18 5	53.5	8
	12	10	1092 18 9	60.0	12

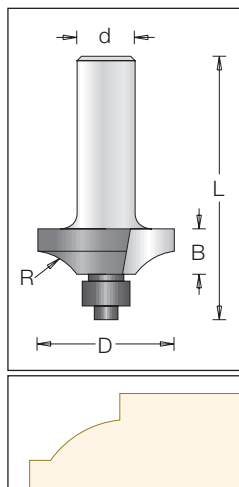


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



øD	R	B	Code No.	L	ød
30	12	10	1192 18 3	48.0	6
	12	10	1192 18 5	51.5	8
	12	10	1192 18 9	58.0	12

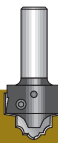
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:



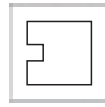
Ball Bearing
#191 004 0
9.5x4.7x3

Routing





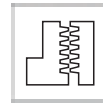
Routing



Grooving & Sizing



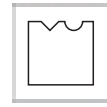
Profiling & Chamfering



Jointing & Rebating

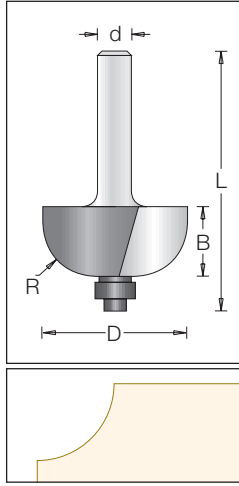


Frame & Panel door

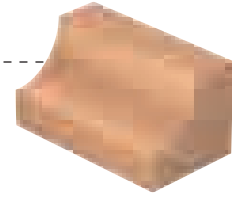


Carving

Core Bit



øD	R	B	Code No.	L	ød
12.7	1.6	12.7	1120 02 3	51.0	6
15.9	3.2	12.7	1120 03 3	51.0	6
	3.2	12.7	1120 03 5	54.0	8
19.1	4.8	14.3	1120 01 3	51.0	6
	4.8	14.3	1120 01 5	54.0	8
22.2	6.3	14.3	1120 04 3	51.0	6
	6.3	14.3	1120 04 5	54.0	8
25.4	7.9	14.3	1120 07 3	51.0	6
	7.9	14.3	1120 07 5	55.0	8
28.6	9.5	14.3	1120 10 3	52.0	6
	9.5	14.3	1120 10 5	55.0	8
34.9	12.7	16.7	1120 13 3	55.0	6
	12.7	16.7	1120 13 5	55.0	8
12.7	1.6	12.7	1120 02 9	60.0	12
15.9	3.2	12.7	1120 03 9	60.0	12
19.1	4.8	14.3	1120 01 9	60.5	12
22.2	6.3	14.3	1120 04 9	60.5	12
25.4	7.9	14.3	1120 07 9	60.5	12
28.6	9.5	14.3	1120 10 9	60.5	12
34.9	12.7	16.7	1120 13 9	64.0	12
41.3	16.0	18.0	1120 15 9	65.0	12
57.1	22.2	31.8	1120 18 9	81.0	12



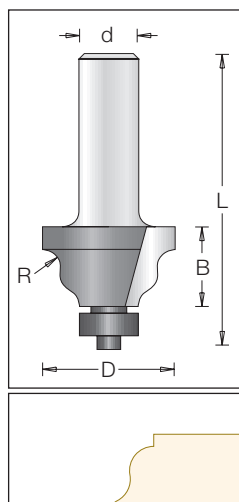
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:

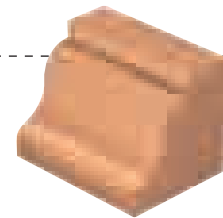


Ball Bearing
#191 001 0
9.5x3x4

Wavy Edge Bit



øD	R	B	Code No.	L	ød
31.8	4	17.5	1133 04 3	57	6
	4	17.5	1133 04 9	67	12

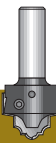


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Spare Parts:

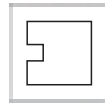


Ball Bearing
#191 007 0
12.7x4.7x5





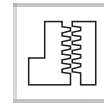
Routing



Grooving & Sizing



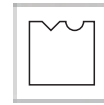
Profiling & Chamfering



Jointing & Rebating

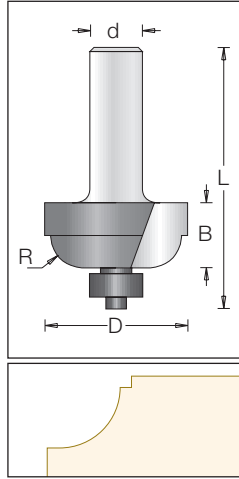


Frame & Panel door

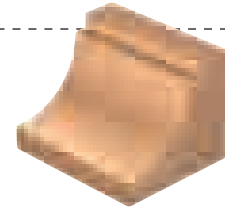


Carving

Flat Ogee Bit



øD	R	Code No.	B	L	ød
28.6	4.8	1400 02 3	12.7	52.0	6
34.9	7.9	1400 01 3	15.9	55.0	6
28.6	4.8	1400 02 9	12.7	61.5	12
34.9	7.9	1400 01 9	15.9	65.0	12



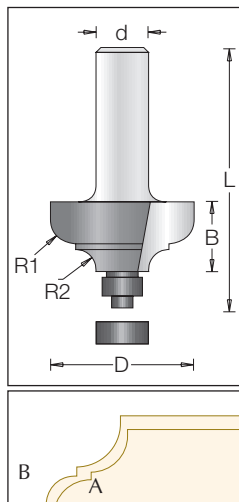
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.


Spare Parts:

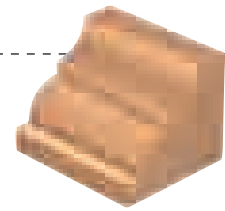


Ball Bearing
#191 007 0
12.7x4.7x5

Ogee Fillet Bit



øD	R1	R2	Code No.	B	L	ød	
28.6	4.0	4.0	1350 02 3	12.7	52.5	6	A
	4.0	4.0	1350 02 5	12.7	56.0	8	A
34.9	6.0	5.0	1350 01 3	17.5	56.5	6	A
	6.0	5.0	1350 01 5	17.5	60.0	8	A
28.6	4.5	4.0	1350 02 9	12.7	62.0	12	A
34.9	6.0	4.8	1350 01 9	17.5	66.0	12	A
38.0	4.7	8.0	1350 07 9	16.0	65.0	12	A
51.0	9.5	9.5	1350 06 9	23.0	72.0	12	A
28.6	4.0	4.0	1350 03 3	12.7	51.0	6	B
	4.0	4.0	1350 03 5	12.7	54.0	8	B
34.9	6.0	5.0	1350 04 3	17.5	55.0	6	B
	6.0	5.0	1350 04 5	17.5	58.5	8	B
28.6	4.0	4.0	1350 03 9	12.7	60.0	12	B
34.9	6.0	4.8	1350 04 9	17.5	64.5	12	B
38.0	4.7	8.0	1350 08 9	16.0	65.0	12	B



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

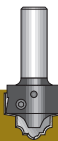
Spare Parts:



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

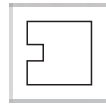


B.Ball Bearing
#191 004 0
9.5x4.7x3

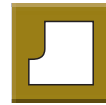




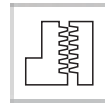
Routing



Grooving & Sizing



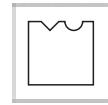
Profiling & Chamfering



Jointing & Rebating

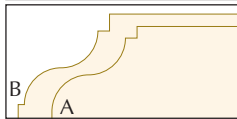
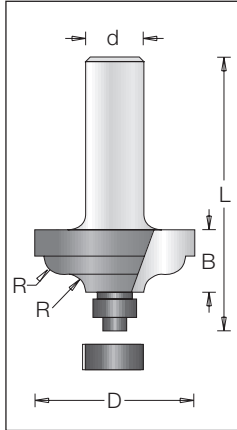


Frame & Panel door



Carving

Ogee Fillet Bit



	øD	R	B	Code No.	L	ød	
34.9	4.0	13.5	1210 01 3	54.0	6	A	
	4.0	13.5	1210 01 5	57.5	8	A	
	4.0	13.5	1210 07 3	52.0	6	B	
	4.0	13.5	1210 07 5	55.5	8	B	
	4.0	13.5	1210 01 9	63.5	12	A	
	4.0	13.5	1210 07 9	61.0	12	B	
41.3	6.3	19.1	1210 04 9	69.0	12	A	
	6.3	19.1	1210 10 9	67.0	12	B	
	9.5	25.4	1210 14 9	73.0	12	B	
	9.5	25.4	1210 15 9	75.0	12	A	

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

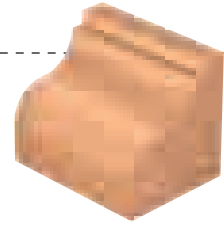
Spare Parts:



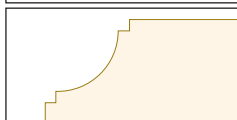
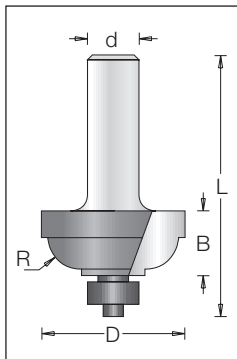
A. Ball Bearing
#191 007 0
12.7x4.7x5



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



Classic Cove Bit



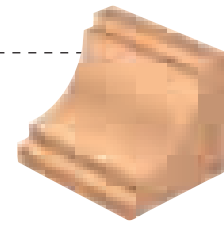
	øD	R	Code No.	B	L	ød
28.6	4.8	1390 02 3	12.7	52.0	6	
	4.8	1390 02 5	12.7	55.5	8	
34.9	7.9	1390 01 3	15.9	55.5	6	
	7.9	1390 01 5	15.9	57.0	8	
28.6	4.8	1390 02 9	12.7	61.5	12	
34.9	7.9	1390 01 9	15.9	65.0	12	

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

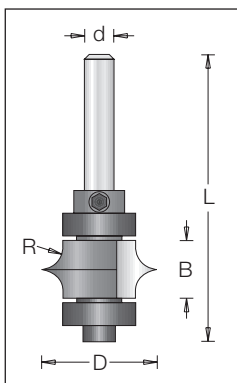
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Sunk Bead Bit



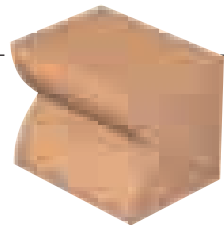
	øD	R	Code No.	B	L	ød
25.4	4.8	1570 04 3	12.7	66	6	
28.6	6.3	1570 08 3	15.9	69	6	
34.5	9.5	1570 12 3	22.2	75	6	

⚠ Can be supplied with 1/4" shank.

Spare Parts:

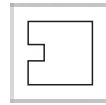


Ball Bearing
#191 015 0
6.3x16x5





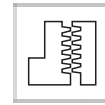
Routing



Grooving & Sizing



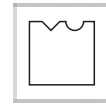
Profiling & Chamfering



Jointing & Rebating

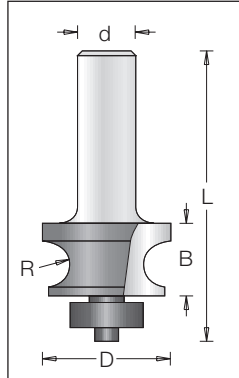


Frame & Panel door

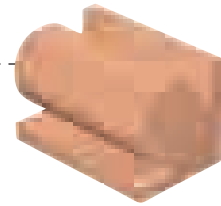


Carving

Corner Bead Cutter



øD	R	Code No.	B	L	ød	
23.0	2.0	1241 05 3	10.3	50.0	6	B
22.2	3.2	1241 08 3	14.3	54.0	6	A
	3.2	1241 08 5	14.3	57.0	8	A
28.2	5.0	1241 11 3	16.5	57.0	6	B
	5.0	1241 11 5	16.5	57.0	8	B
31.8	6.3	1241 13 3	19.1	58.0	6	B
	6.3	1241 13 5	19.1	60.0	8	B
22.2	3.2	1241 08 9	13.5	63.5	12	A
28.2	4.8	1241 11 9	16.5	66.5	12	B
31.8	6.3	1241 13 9	19.1	68.0	12	B
38.1	9.5	1241 17 9	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:

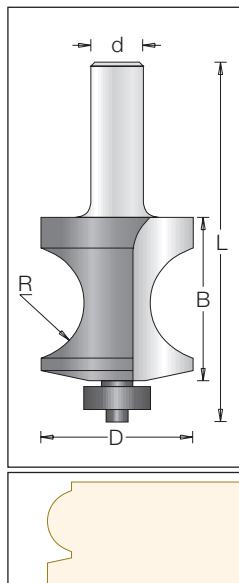


A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 010 0
16x5x5

Torus Bit



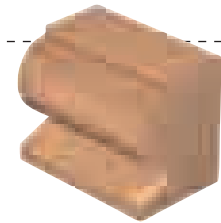
øD	R	Code No.	B	L	ød
37.2	13.5	1244 20 9	40	89	12

Can be supplied with 1/2" shank.

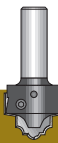
Spare Parts:



Ball Bearing
#191 010 0
5x16x5

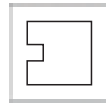


Routing

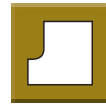




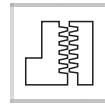
Routing



Grooving & Sizing



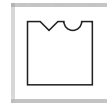
Profiling & Chamfering



Jointing & Rebating

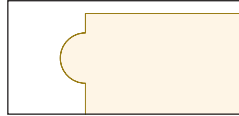
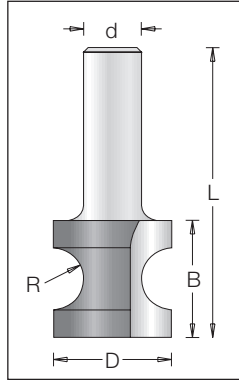


Frame & Panel door

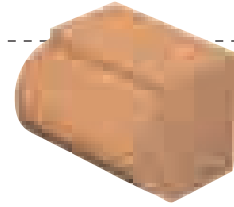


Carving

Bull Nose Bit

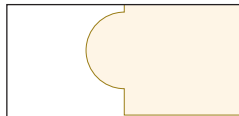
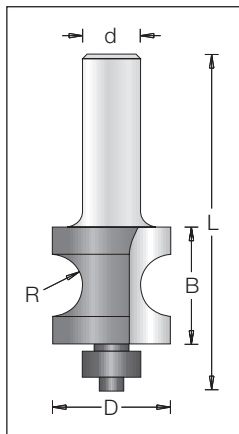


øD	R	Code No.	B	L	ød	n
13.5	2.0	1240 01 3	12.7	41.3	6	
	2.0	1240 01 5	12.7	45.0	8	
15.1	2.8	1240 04 3	12.7	41.3	6	
	2.8	1240 04 5	12.7	45.0	8	
16.7	3.6	1240 07 3	19.1	47.6	6	
	3.6	1240 07 5	19.1	51.0	8	
22.2	5.2	1240 10 3	19.1	47.6	6	
	5.2	1240 10 5	19.1	51.0	8	
26.2	6.8	1240 13 5	25.4	57.5	8	
13.5	2.0	1240 01 9	12.7	55.0	12	
15.1	2.8	1240 04 9	12.7	51.0	12	
16.7	3.6	1240 07 9	19.1	57.0	12	
22.2	5.2	1240 10 9	19.1	57.0	12	
26.1	6.8	1240 13 9	25.4	63.5	12	
28.0	7.9	1240 15 9	25.4	63.5	12	
33.3	9.5	1240 17 9	33.7	72.0	12	
42.0	12.7	1240 20 9	39.7	78.0	12	
50.8	15.9	1240 23 9	50.0	88.0	12	
60.3	19.1	1248 26 9-3T	50.8	98.0	12	18,000

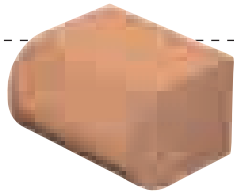


⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Bull Nose Bit



øD	R	Code No.	B	L	ød	⊗
26.2	6.8	1243 13 9	26	75	12	A
35.0	9.5	1243 17 9	34	84	12	B
44.5	12.7	1243 20 9	40	93	12	C
50.8	15.8	1243 23 9	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

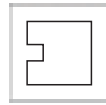


C. Ball Bearing
#191 014 0
19x6.3x7

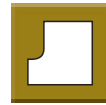




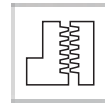
Routing



Grooving & Sizing



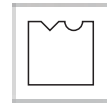
Profiling & Chamfering



Jointing & Rebating

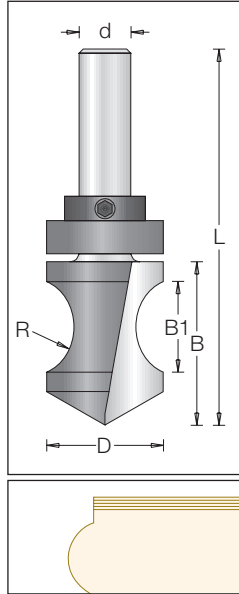


Frame & Panel door

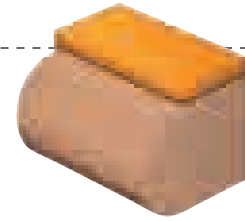


Carving

Plunge Template Bull Nose Bit



øD	R	Code No.	B	B1	L	ød
28.5	12.7	1240 51 9	40	22.2	92	12
	12.7	1242 51 9 *	40	22.2	92	12



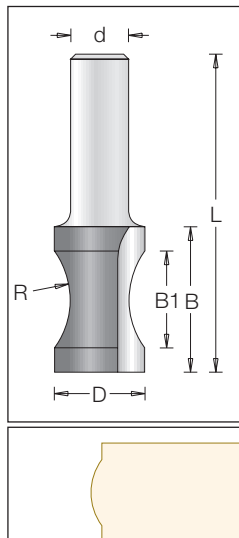
*Can be supplied with 1/2" shank.

Spare Parts:

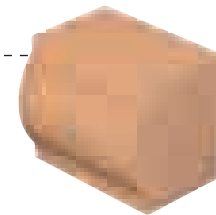


Ball Bearing
#191 018 0
28.6x12.7x8

Flat Bull Nose Bit

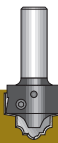


øD	R	Code No.	B	B1	L	ød
20	18	1242 04 3	32	21.3	62	6
	18	1242 04 5	32	21.3	64	8
	18	1242 04 9	32	21.3	70	12



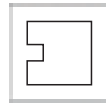
6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.

Routing

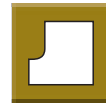




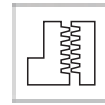
Routing



Grooving & Sizing



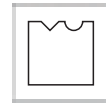
Profiling & Chamfering



Jointing & Rebating

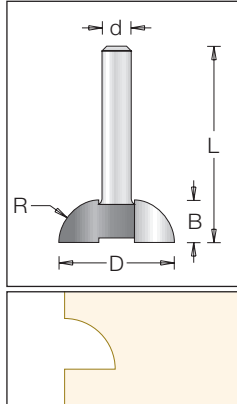


Frame & Panel door



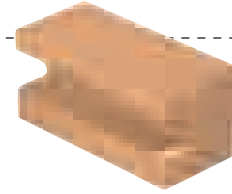
Carving

Finger Grip Bit

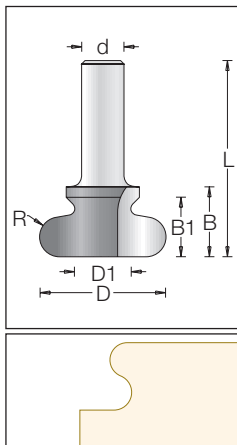


øD	R	Code No.	B	L	ød
25.4	9.5	1320 04 3	9.5	44.5	6

⚠ Can be supplied with 1/4" shank.

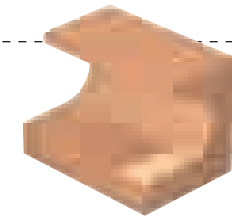


Finger Grip Bit

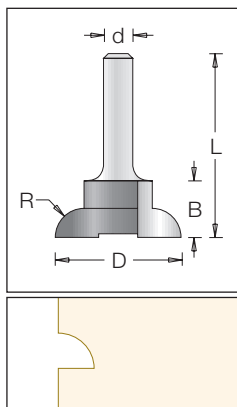


øD	D1	Code No.	B	B1	R	L	ød
19.1	10	1480 19 5	19.1	14.3	4.8	54.5	8
	10	1480 19 9	19.1	14.3	4.8	57.5	12
38.1	17	1480 31 5	21.0	18.0	6.0	53.0	8
	17	1480 31 9	21.0	18.0	6.0	59.0	12
45.0	17	1480 37 9	21.0	17.2	4.8	59.0	12

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

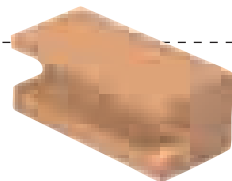


Finger Grip Bit



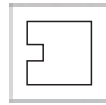
øD	R	Code No.	B	L	ød
28	6.35	1320 10 3	12.7	41	6

⚠ Can be supplied with 1/4" shank.

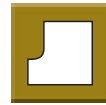




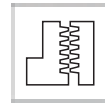
Routing



Grooving & Sizing



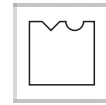
Profiling & Chamfering



Jointing & Rebating

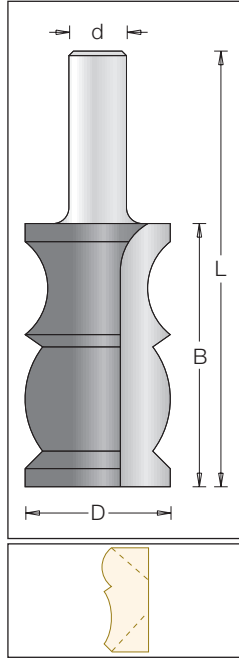


Frame & Panel door



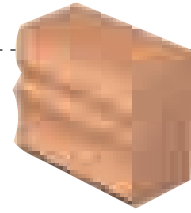
Carving

Cornice Profiling Bit

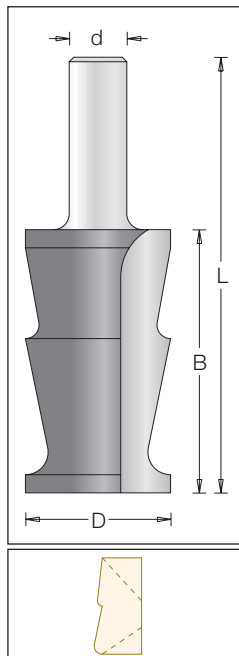


$\varnothing D$	B	Code No.	L	$\varnothing d$
32	58	1560 04 9	96	12

⚠ Can be supplied with 1/2" shank.

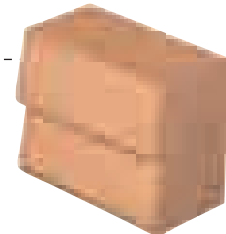


Cornice Profiling Bit

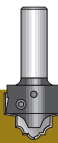


$\varnothing D$	B	Code No.	L	$\varnothing d$
32	58	1560 11 9	96	12

⚠ Can be supplied with 1/2" shank.

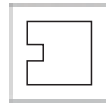


Routing

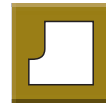




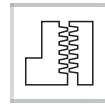
Routing



Grooving & Sizing



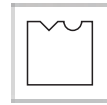
Profiling & Chamfering



Jointing & Rebating

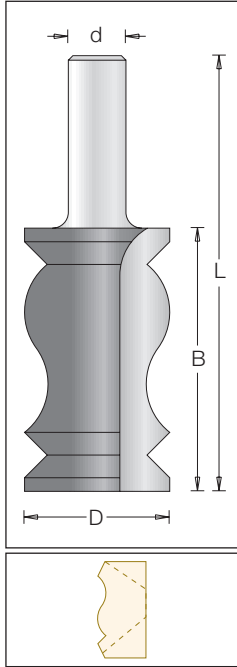


Frame & Panel door



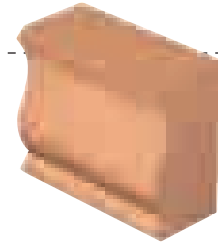
Carving

Cornice Profiling Bit

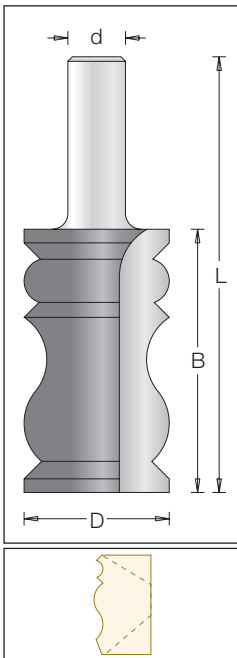


$\varnothing D$	B	Code No.	L	$\varnothing d$
32	58	1560 08 9	96	12

Can be supplied with 1/2" shank.

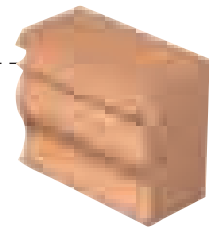


Cornice Profiling Bit



$\varnothing D$	B	Code No.	L	$\varnothing d$
31.4	58	1560 03 9	96	12

Can be supplied with 1/2" shank.

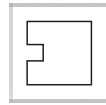


Routing

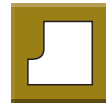




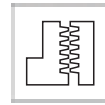
Routing



Grooving & Sizing



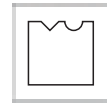
Profiling & Chamfering



Jointing & Rebating

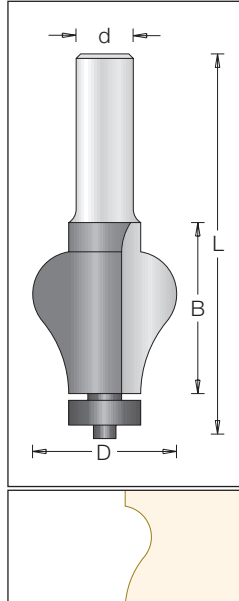


Frame & Panel door



Carving

Handrail Bit



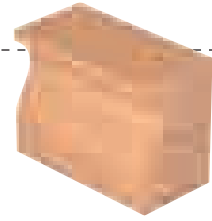
ϕD	B	Code No.	L	ϕd
32	38	1630 11 9	87	12

⚠ Can be supplied with 1/2" shank.

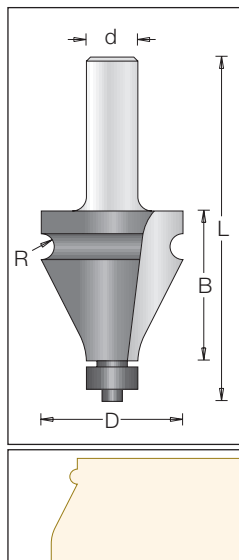
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Handrail Bit



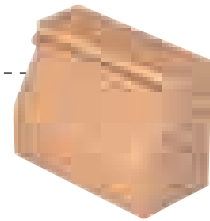
ϕD	R	B	Code No.	L	ϕd
35	3.2	37	1630 04 9	86	12

⚠ Can be supplied with 1/2" shank.

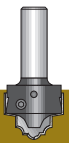
Spare Parts:



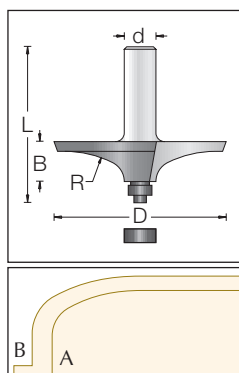
Ball Bearing
#191 007 0
12.7x4.7x5



Routing



Thumbnail Bit



ϕD	R	B	Code No.	L	ϕd	n	
69.2	43	16	1092 28 9	76	12	18,000	A
	43	16	1192 28 9	74	12	18,000	B

ⓘ Max. RPM

⚠ Can be supplied with 1/2" shank.

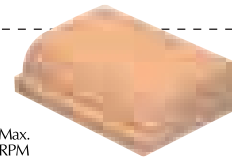
Spare Parts:



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

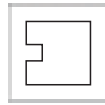


B. Ball Bearing
#191 004 0
9.5x4.7x3

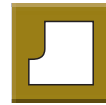




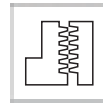
Routing



Grooving & Sizing



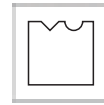
Profiling & Chamfering



Jointing & Rebating

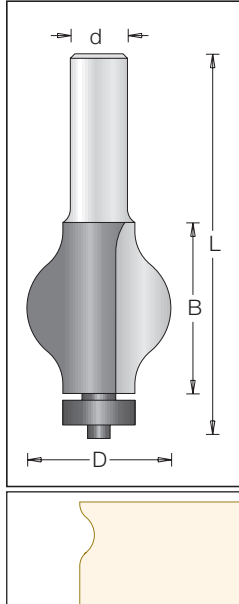


Frame & Panel door



Carving

Handrail Bit



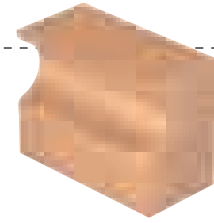
øD	B	Code No.	L	ød
32	38	1630 12 9	87	12

⚠ Can be supplied with 1/2" shank.

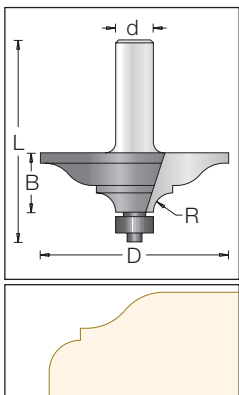
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Classical Bit



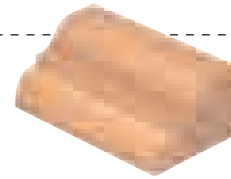
øD	R	B	Code No.	L	ød
63.5	6.5	20	1650 07 9	79	12

⚠ Can be supplied with 1/2" shank.

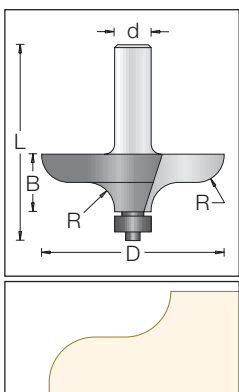
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Traditional Bit



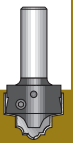
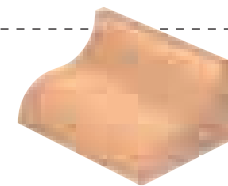
øD	R	B	Code No.	L	ød
63.5	9.5	20	1650 04 9	79	12

⚠ Can be supplied with 1/2" shank.

Spare Parts:

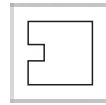


Ball Bearing
#191 007 0
12.7x4.7x5





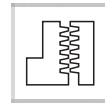
Routing



Grooving & Sizing



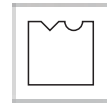
Profiling & Chamfering



Jointing & Rebating

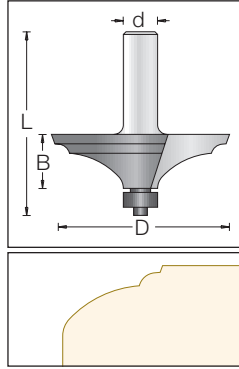


Frame & Panel door



Carving

Classic Elegant Bit



$\varnothing D$	B	Code No.	L	$\varnothing d$	n
66	20	1650 13 9	79	12	18,000

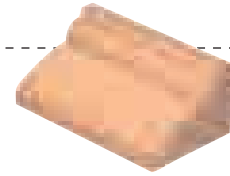
⚠ Can be supplied with 1/2" shank.

Max. RPM

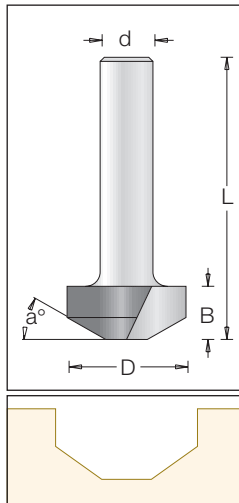
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

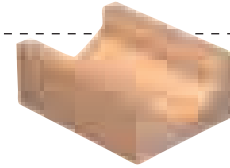


Raised Panel Bit

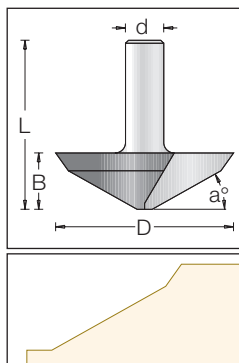


$\varnothing D$	a	B	Code No.	L	$\varnothing d$
28.6	30°	12.7	1290 01 9	69	12

⚠ Can be supplied with 1/2" shank.



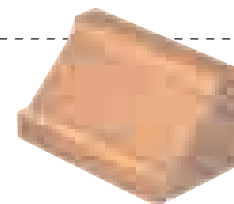
Raised Panel Bit



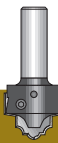
$\varnothing D$	a	B	Code No.	L	$\varnothing d$	n
67.7	25°	19.1	1291 07 9	67	12	18,000

⚠ Can be supplied with 1/2" shank.

Max. RPM

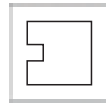


Routing





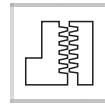
Routing



Grooving & Sizing



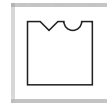
Profiling & Chamfering



Jointing & Rebating

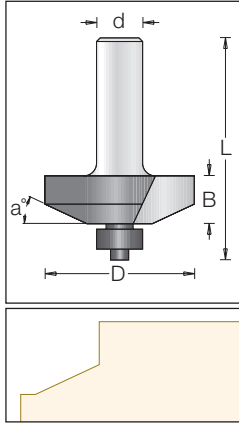


Frame & Panel door



Carving

Raised Panel Bit



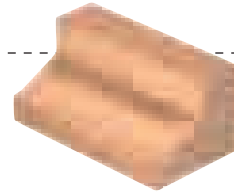
ϕD	a	B	Code No.	L	ϕd
41.3	25°	12.7	1230 01 9	62	12

⚠ Can be supplied with 1/2" shank.

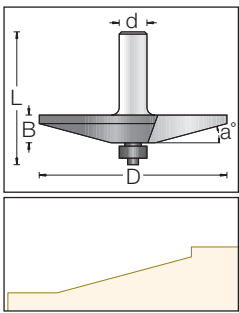
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



ϕD	a	B	Code No.	L	ϕd	n
85.8	15°	12.7	1221 04 9	71	12	16,000

⚠ Can be supplied with 1/2" shank.

Max. RPM

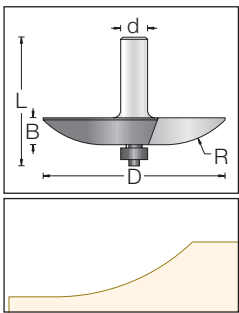
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



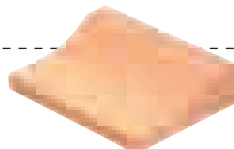
ϕD	R	B	Code No.	L	ϕd	n
85.8	40	12.7	1222 07 9	71.5	12	16,000

⚠ Can be supplied with 1/2" shank.

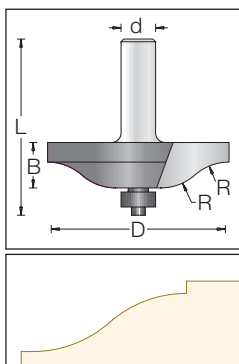
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



ϕD	R	B	Code No.	L	ϕd	n
66.6	19	17.0	1220 01 9	76.1	12	
85.7	22	15.9	1220 12 9	75.0	12	16,000

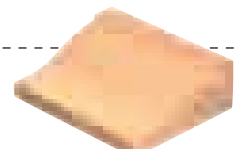
⚠ Can be supplied with 1/2" shank.

Max. RPM

Spare Parts:

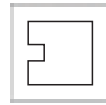


Ball Bearing
#191 007 0
12.7x4.7x5





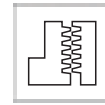
Routing



Grooving & Sizing



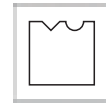
Profiling & Chamfering



Jointing & Rebating

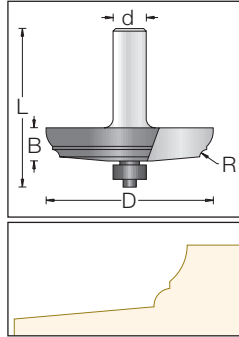


Frame & Panel door



Carving

Raised Panel Bit



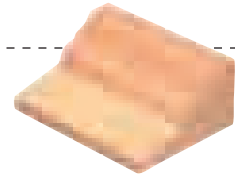
$\varnothing D$	R	B	Code No.	L	$\varnothing d$
63.5	3	12.7	1223 11 9	72	12

⚠ Can be supplied with 1/2" shank.

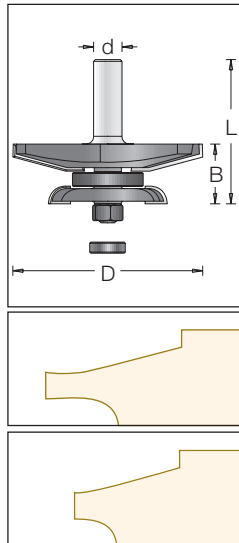
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



	$\varnothing D$	a	R	Code No.	B	L	$\varnothing d$	n
Complete	85.8			122 904 9	27.5	83.4	12	12,000
Profile cutter	85.8	15		122 504 9	12.7	83.4	12	
Cutter	54.0		7.9	122 501 0	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



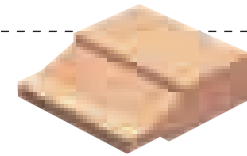
Spacer
#192 013 5
0.5x12



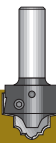
Spacer
#192 120 0
0.05x12



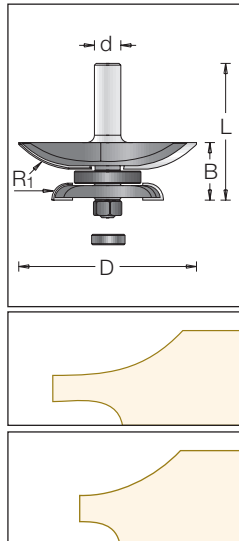
Spacer
#192 115 0
0.1x12



Routing



Raised Panel Bit



	$\varnothing D$	R	R1	Code No.	B	L	$\varnothing d$	n
Complete	85.8			122 907 9	27.5	83.4	12	12,000
Profile cutter	85.8	40		122 507 9	12.7	83.4	12	
Cutter	54.0		7.9	122 501 0	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

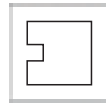


Spacer
#192 115 0
0.1x12

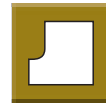




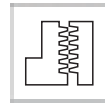
Routing



Grooving & Sizing



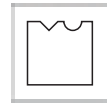
Profiling & Chamfering



Jointing & Rebating

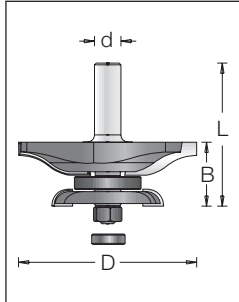


Frame & Panel door



Carving

Raised Panel Bit

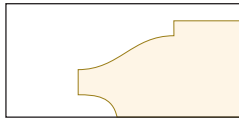


	øD	B	Code No.	L	ød	n
Complete	85.8	30.7	122 912 9	87.1	12	12,000
Profile cutter	85.8	15.9	122 512 9	87.1	12	
Cutter	54.0	7.9	122 501 0			

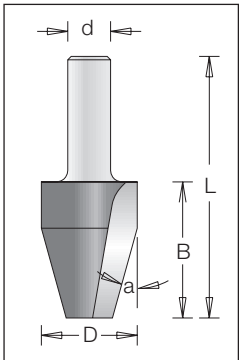


⚠ Can be supplied with 1/2" shank.

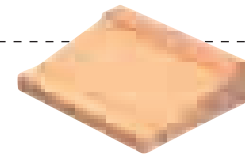
Max. RPM



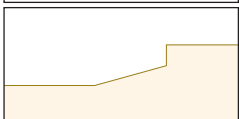
Vertical Paneling Bit



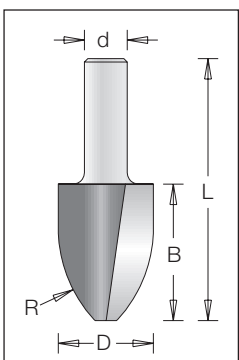
øD	B	Code No.	a	L	ød
28.6	41.3	1224099	15	79.3	12



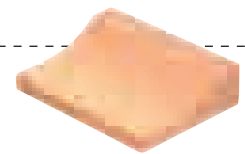
⚠ Can be supplied with 1/2" shank.



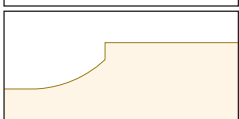
Vertical Paneling Bit



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

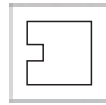


⚠ Can be supplied with 1/2" shank.

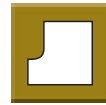




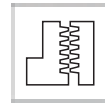
Routing



Grooving & Sizing



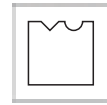
Profiling & Chamfering



Jointing & Rebating

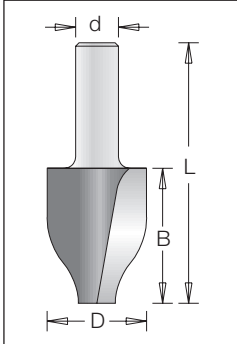


Frame & Panel door



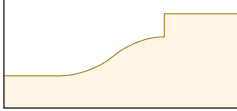
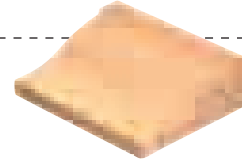
Carving

Vertical Paneling Bit

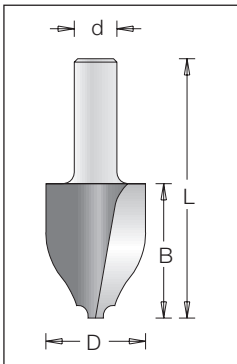


øD	B	Code No.	L	ød
30	41.3	1224089	79.3	12

⚠ Can be supplied with 1/2" shank.

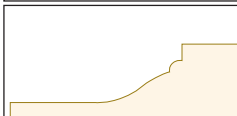
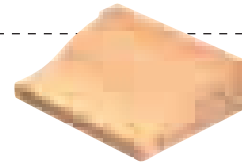


Vertical Paneling Bit

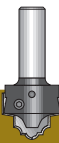


øD	B	Code No.	L	ød
30	41.3	1224059	79.3	12

⚠ Can be supplied with 1/2" shank.

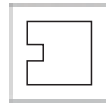


Routing

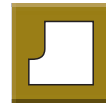




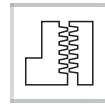
Routing



Grooving & Sizing



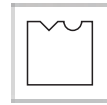
Profiling & Chamfering



Jointing & Rebating

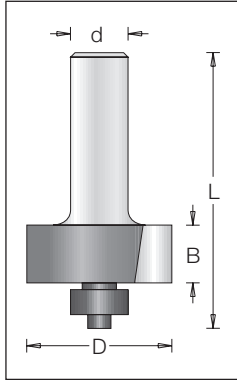


Frame & Panel door

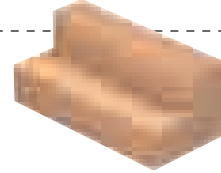


Carving

Rebating Bit



øD	B	Code No.	t	L	ød	
24.0	12.7	1140 05 3	4.0	53.0	6	B
	12.7	1140 01 3	9.5	51.5	6	A
31.8	12.7	1140 01 5	9.5	55.0	8	A
	12.7	1140 01 9	9.5	61.0	12	A
35.0	12.7	1140 06 3	11.1	52.0	6	A
	12.7	1140 06 5	11.1	55.0	8	A
	12.7	1140 06 9	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:

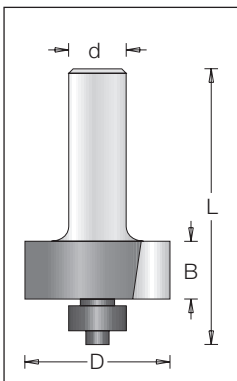


A. Ball Bearing
#191 007 0
4.7x12.7 x5

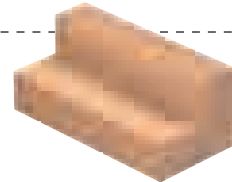


B. Ball Bearing
#191 005 0
6.3x16x5

Rebating Bit



øD	B	Code No.	L	ød
35	12.7	1144 06 3	52.0	6
	12.7	1144 06 5	55.0	8
	12.7	1144 06 9	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

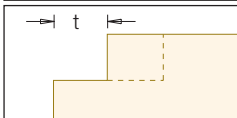


C. Ball Bearing
#191 006 0
16x4.7x5

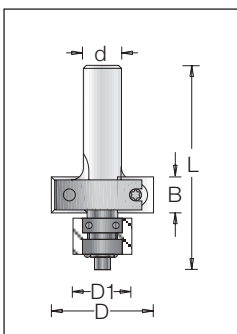


D. Ball Bearing
#191 015 0
19x4.7x5

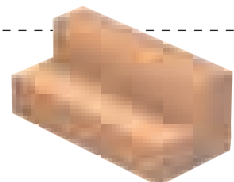
- A t=12.7
- B t=11.1
- C t=9.5
- D t=8



Super - Rebate



øD	B	Code No.	L	ød	t
38.1	12	1143 01 9	66	12	12



⚠ 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



Torx screw
#193 148 2
M4-0.7



Allen key
1940010
3/32

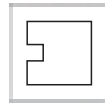


Torx screw
1941015
T15





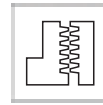
Routing



Grooving & Sizing



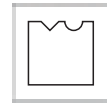
Profiling & Chamfering



Jointing & Rebating

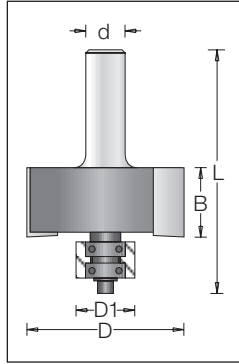


Frame & Panel door



Carving

Super - Rebate



$\varnothing D$	B	Code No.	L	$\varnothing d$	t
50.8	22.5	1146 10 9	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



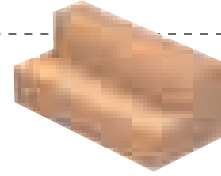
Spacer
#192 027 0
6.5x9.5x2.2



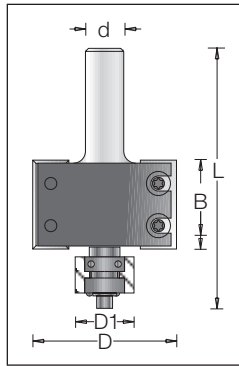
Allen screw
#193 004 0
NC 5-1/2



Allen key
1940010
3/32



Super - Rebate



$\varnothing D$	B	Code No.	L	$\varnothing d$	t
50.8	29.5	1143 10 9	84	12	15.9

Can be supplied with 1/2" shank.

Spare Parts:



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



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



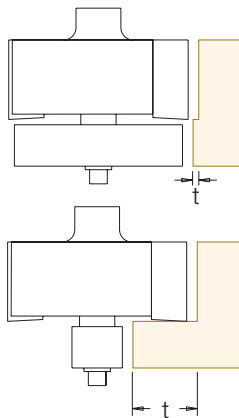
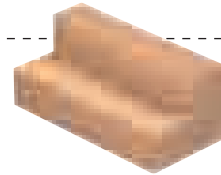
Allen screw
#193 148 2
M4-0.7



Allen key
1940010
3/32



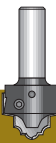
Allen key
1941015
T15



$\varnothing D1$	Code No.	t
47.6	1929 90 0	1.6
44.4	1929 89 0	3.2
41.3	1929 88 0	4.7
38.9	1929 95 0	5.9
38.1	1929 87 0	6.3
34.9	1929 86 0	7.9
32.5	1929 94 0	9.1
31.7	1929 85 0	9.5
28.6	1929 84 0	11.1
27.0	1929 93 0	11.9
25.4	1929 83 0	12.7
22.2	1929 82 0	14.3
20.6	1929 92 0	15.1
19.0	1929 81 0	15.9
15.9	1929 80 0	17.4
14.3	1929 91 0	18.2

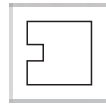
Can be supplied with 1/2" shank.

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

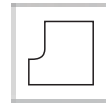




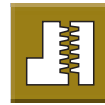
Routing



Grooving & Sizing



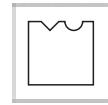
Profiling & Chamfering



Jointing & Rebating

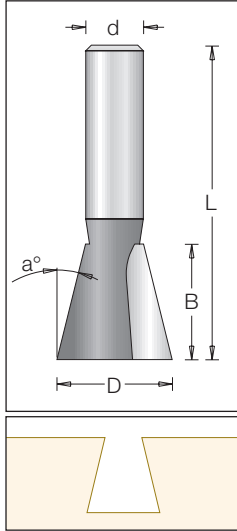


Frame & Panel door

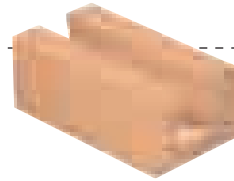


Carving

Dovetail Bit



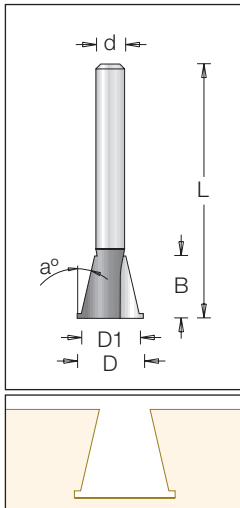
øD	a	B	Code No.	L	ød
8.0	9°	9.5	1040 24 3 *	63.5	6
9.5	9°	9.5	1040 01 3	42.0	6
	9°	9.5	1040 01 5	47.0	8
12.7	14°	12.7	1040 04 3	44.5	6
	14°	12.7	1040 04 5	49.0	8
13.2	13°	13.0	1040 85 3	55.5	6
15.9	7°	15.9	1040 07 3	44.5	6
9.5	9°	9.5	1040 01 9	54.0	12
12.7	14°	12.7	1040 04 9	60.0	12
14.0	5°	19.1	1040 36 9	64.0	12
	7°	15.9	1040 07 9	58.0	12
15.9	7°	22.2	1040 10 9	65.0	12
	5°	25.4	1040 37 9	68.0	12
19.1	7°	22.2	1040 13 9	65.0	12
	14°	19.1	1040 16 9	65.0	12
22.2	7°	22.2	1040 19 9	60.0	12
	14°	22.2	1040 22 9	67.0	12
25.4	14°	25.4	1040 25 9	69.5	12
14.7	12°	14.3	1040 05 3	58.0	6
	12°	14.3	1040 05 5	61.0	8



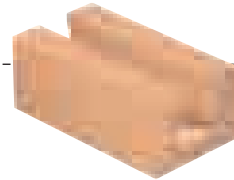
* Solid Carbide

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°	1040 86 3	13.5	55	6
	12.7	13°	1040 86 5	13.5	58	8

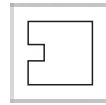


Can be supplied with 1/4" shank.

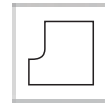




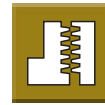
Routing



Grooving & Sizing



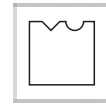
Profiling & Chamfering



Jointing & Rebating

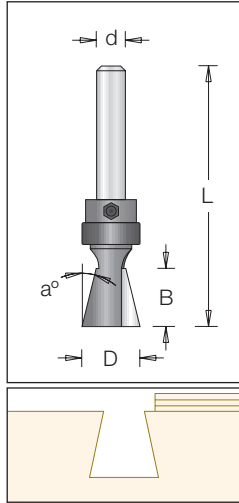


Frame & Panel door



Carving

Dovetail Bit



$\varnothing D$	a	B	Code No.	L	$\varnothing d$	
12.7	14°	12.7	1042 04 3	56	6	A
14.6	12°	14.0	1042 05 3	60	6	A
8.7	7°	9.5	1042 51 3	58	6	B



⚠ Can be supplied with 1/4" shank.

Spare Parts:

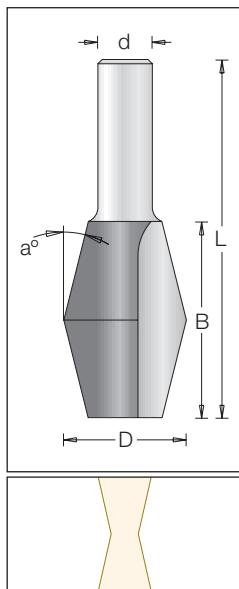


A. Ball Bearing
#191 007 0
12.7x6.3x4.7

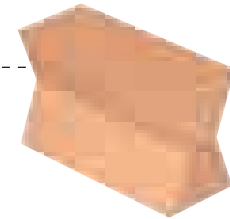


B. Ball Bearing
#191 005 0
16x6.3x5

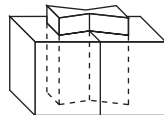
Butterfly Spline Bit



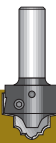
$\varnothing D$	a	B	Code No.	L	$\varnothing d$
28	14°	46	1670 01 9	84	12



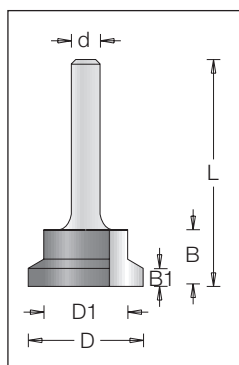
⚠ Can be supplied with 1/2" shank.
Use these cutters in conjunction with our 14° dovetail bits Code No.: 1040 04 3, 1040 03 9, 1040 16 9, 1040 22 9, 1040 25 9.



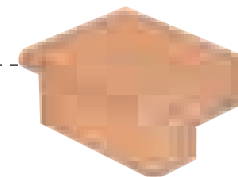
Routing



Locking Drawer Glue Joint



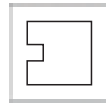
$\varnothing D$	$\varnothing D1$	Code No.	B	B1	L	$\varnothing d$
19.1	12.2	1490 01 3	12.7	4	49	6
25.4	18.5	1490 03 9	12.7	4	49	12



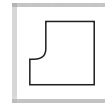
⚠ 6mm shank can be supplied with 1/4" shank.
12mm shank can be supplied with 1/2" shank.



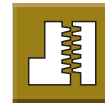
Routing



Grooving & Sizing



Profiling & Chamfering



Jointing & Rebating

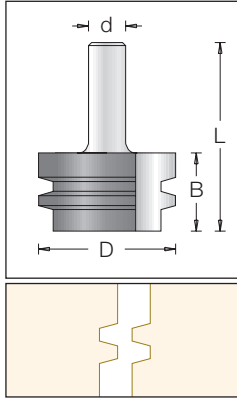


Frame & Panel door



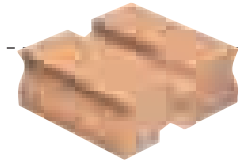
Carving

Glue Joint Bit

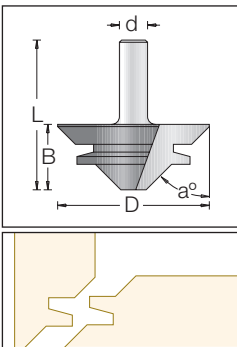


øD	B	Code No.	L	ød
47	28	1490 13 9	66	12

⚠ Can be supplied with 1/2" shank.



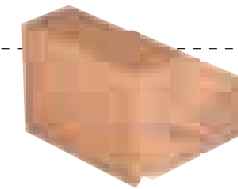
45° Lock Mitre Joint Bit



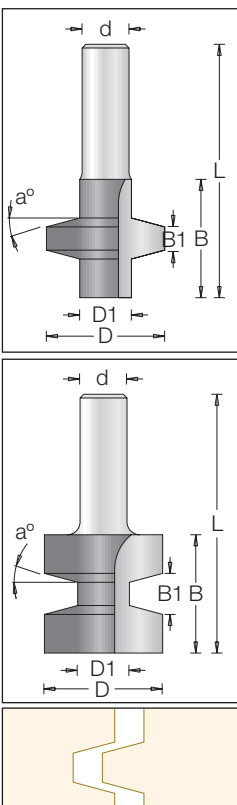
øD	a	B	Code No.	L	ød	n
41.7	45°	16.0	1490 05 3	44.6	6	
44.5	45°	20.0	1490 06 9	58.0	12	
67.0	45°	29.5	1490 04 9	77.5	12	18,000

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

Max. RPM

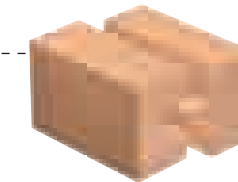


Wedge & Tongue Bit

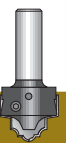


øD	øD1	Code No.	a	B	B1	L	ød
Set No.		1490 50 9					
32.0	14	1490 51 9	15°	32	6.5	70	12
31.5	14	1490 52 9	15°	32	11.1	70	12

⚠ Can be supplied with 1/2" shank.

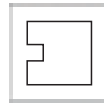


Routing

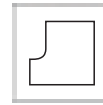




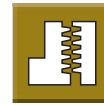
Routing



Grooving & Sizing



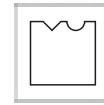
Profiling & Chamfering



Jointing & Rebating

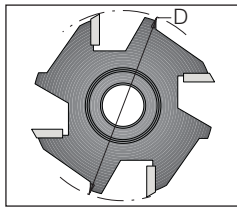
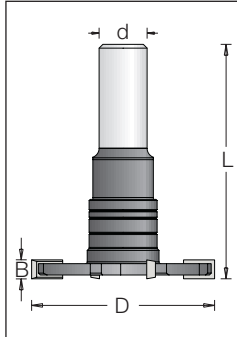


Frame & Panel door

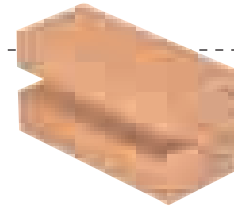


Carving

Slotting Cutter (Flat installation)



ϕD	Set No.	B	Z	L	ϕd	Cutter Code No.
40	108 610 9	10.0	4	61	12	108 610 0
	555 037 9	2.0	4	61	12	555 037 0
	108 651 9	2.5	4	61	12	108 651 0
	108 652 9	3.0	4	61	12	108 652 0
	108 653 9	4.0	4	61	12	108 653 0
50	108 654 9	5.0	4	61	12	108 654 0
	108 655 9	6.0	4	61	12	108 655 0
	555 080 9	7.0	4	61	12	555 080 0
	557 065 9	8.0	4	61	12	557 065 0
	557 062 9	9.5	4	61	12	557 062 0
	557 095 9	11.0	4	61	12	557 095 0



Spare Parts:



Arbor
#190 063 9
L=61xM12



Washer
#192 134 0
18x12x4

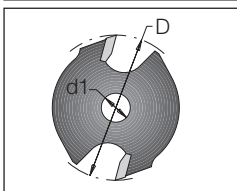
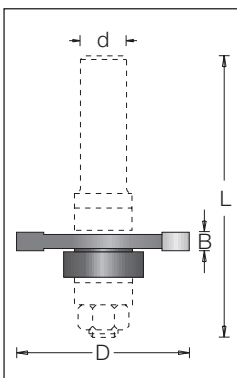


Washer
#192 132 0
18x12x2

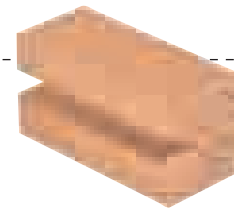


Washer
#192 133 0
18x12x3

Slotting Cutter



ϕD	$\phi d1$	B	Code No.
40	6.35	1.5	1083 01 0
	6.35	2.0	1083 02 0
	6.35	2.5	1083 03 0
	6.35	3.0	1083 04 0
	6.35	4.0	1083 05 0
	6.35	5.0	1083 06 0
	6.35	6.0	1083 07 0
	6.0	1.5	1082 01 0 *
	6.0	2.0	1082 02 0 *
	6.0	2.5	1082 03 0 *
	6.0	3.0	1082 04 0 *
	6.0	4.0	1082 05 0 *
	6.0	5.0	1082 06 0 *
	6.0	6.0	1082 07 0 *



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



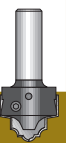
Arbor & Nut *
#190 020 5
L=57



Ball Bearing
#191 005 0
16x6.3x5

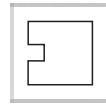


Ball Bearing *
#191 012 0
19x6x6

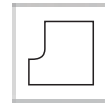




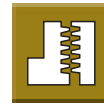
Routing



Grooving & Sizing



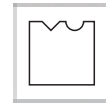
Profiling & Chamfering



Jointing & Rebating

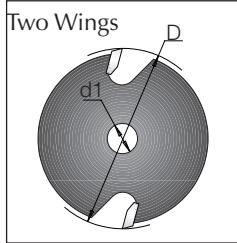


Frame & Panel door

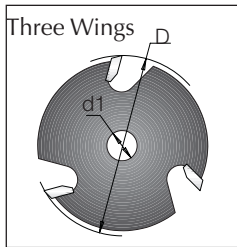


Carving

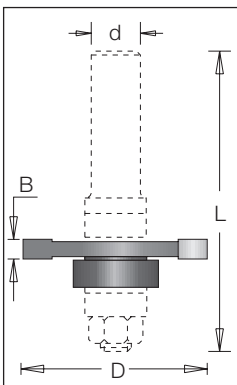
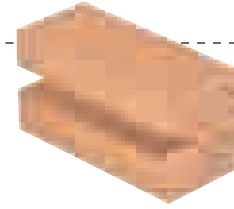
Slotting Cutter



$\varnothing D$	$\varnothing d1$	B	Code No.
47.6	7.94	3	1080 60 0
	7.94	4	1080 63 0
	7.94	5	1080 67 0
	7.94	6	1080 70 0



$\varnothing D$	$\varnothing d1$	B	Code No.
47.6	7.94	1.5	1080 73 0
	7.94	2.0	1080 76 0
	7.94	2.5	1080 79 0
	7.94	3.0	1080 82 0
	7.94	4.0	1080 85 0
	7.94	5	1080 88 0
	7.94	6	1080 91 0



⚠ 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



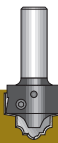
Arbor & Nut
#190 004 5
L=70



Arbor & Nut
#190 004 9
L=76

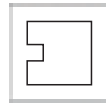


Ball Bearing
#191 013 0
22x8x7

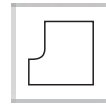




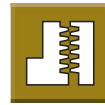
Routing



Grooving & Sizing



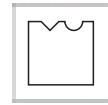
Profiling & Chamfering



Jointing & Rebating

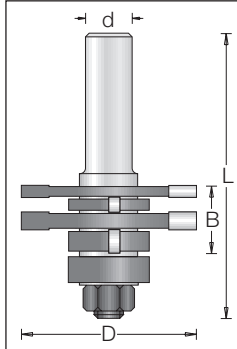


Frame & Panel door



Carving







Quadriset - Slotting Cutter

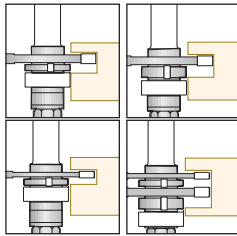
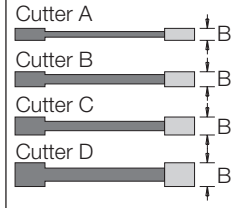
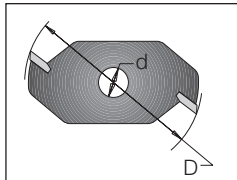


	øD	B	Code No.	L	ød
Complete	47.6	18.0	1084 00 9	76.2	12.0
Cutter A	47.6	3.2	1080 10 0		7.94
Cutter B	47.6	4.0	1080 13 0		7.94
Cutter C	47.6	4.8	1080 16 0		7.94
Cutter D	47.6	6.3	1080 19 0		7.94

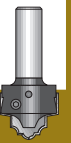
⚠ Recommended combination for varying cutting width. If intermediate cutting widths are required, shims are added or removed accordingly.

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

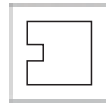


Width mm	5.7	6	7	8	9	10	11	12	13	14	15	16	17	18
Cuttter	A	A	A	A	C	C	C	B	B	A	A	A	A	A
Shims		0.3	1	0.7	0.4	1.4	2.4	0.4	4	1	0.4	1.4	1.4	1.5
Cuttter	B	B	C	D	D	D	D	C	C	B	B	B	B	B
Shims								1	1.4	0.3	1.3	1.3	1.3	1.8
Cuttter								D	D	C	C	C	C	C
Shims										1	1	1	2	2.5
Cuttter										D	D	D	D	D

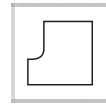




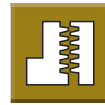
Routing



Grooving & Sizing



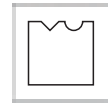
Profiling & Chamfering



Jointing & Rebating

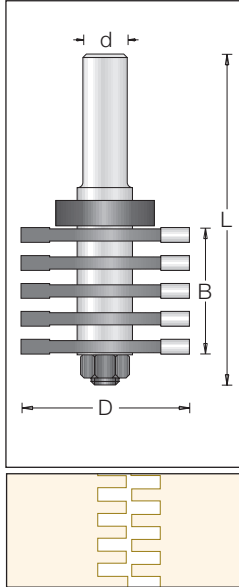


Frame & Panel door

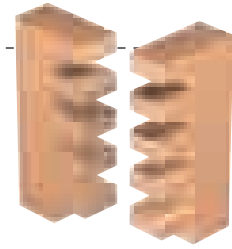


Carving

Combi Joint Set



ϕD		Code No.	B	L	ϕd
47.6	Complete	1089 01 9	36	96	12
47.6	Cutters	1080 85 0	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

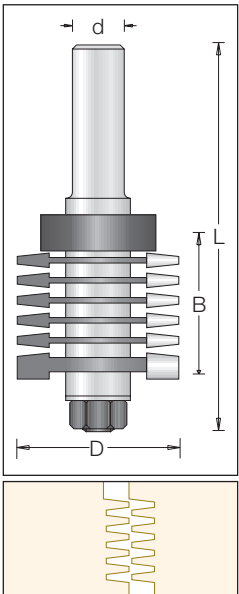


Spacer
#192 100 0
0.1x16

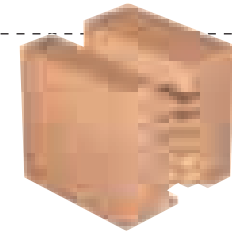


Spacer
#192 050 0
0.05x16

Two Wings Finger Joints Set



	ϕD	B	Code No.	L	ϕd
Complete	39.5	33	1089 00 9	96	12
Cutter A (x5)	39.5	1.85	1089 03 0		
Cutter B (x1)	39.1	5.5	1089 20 0		



⚠ 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

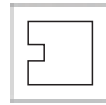


Spacer
#192 050 0
0.05x16

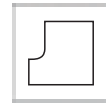




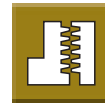
Routing



Grooving & Sizing



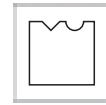
Profiling & Chamfering



Jointing & Rebating

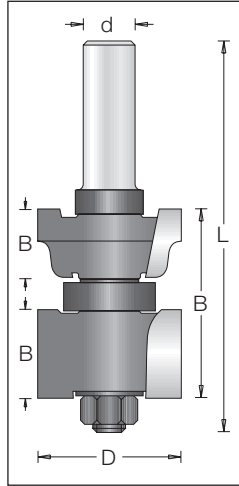
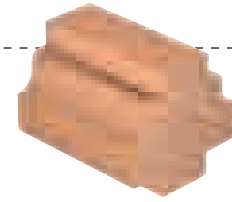


Frame & Panel door



Carving

Lambs Tongue Sash Bar Set



$\varnothing D$		Code No.	B	L	$\varnothing d$	n
35	Complete	1330 20 9	47	96	12	16,000
35	Profile Cutter	1332 01 0	17			
35	Rebating Cutter	1332 04 0	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



Washer
#192 011 0
8x16x1.0



Spacer
#192 016 0
6x16



Spacer
#192 015 0
3x16



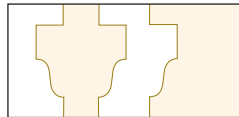
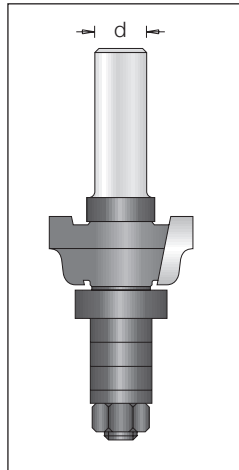
Spacer
#192 013 0
0.5x16



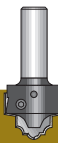
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16

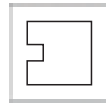


Routing

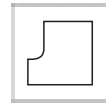




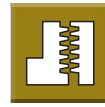
Routing



Grooving & Sizing



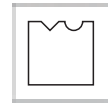
Profiling & Chamfering



Jointing & Rebating

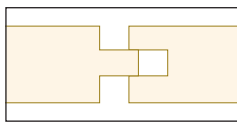
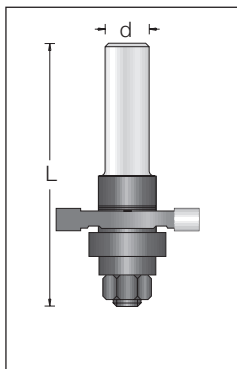
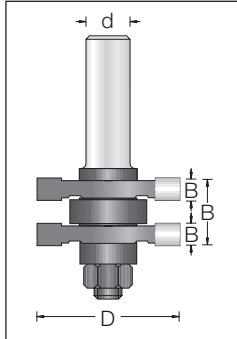


Frame & Panel door

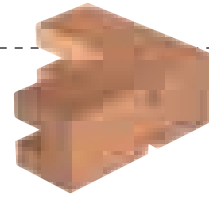


Carving

Tongue & Groove Cutter Set



	øD	Code No.	B	L	ød
41	Complete	1434 01 5	19.0	70	8
		1434 01 9 *	19.0	76	12
	Components	1431 04 0	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

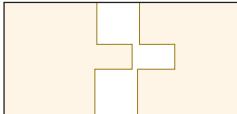
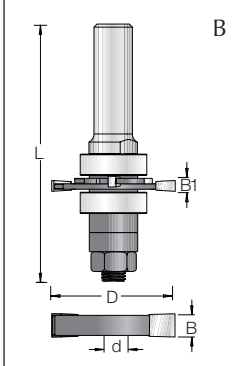
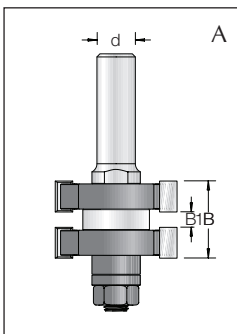


Spacer
#192 011 0
1x16

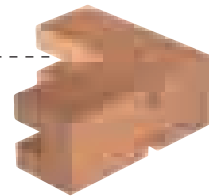


Spacer
#192 100 0
0.05x16

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 17 9		12
Cutter A	41		1450 19 9	85	12
Cutter B	41		1450 18 9	85	12
Cutter A					
Groover	41	10.2	1430 14 0		
Groover	41	10.2	1430 14 0		
Cutter B					
Groover	41	3.5	1430 12 0		
Groover	41	3.5	1430 12 0L		
Groover	41	7.35	1430 13 0		



Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



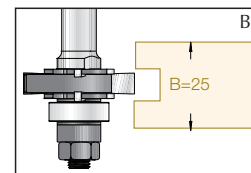
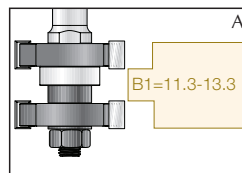
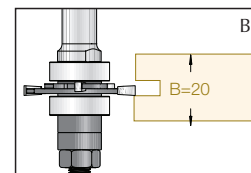
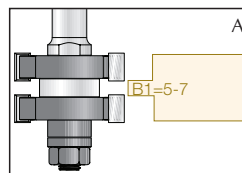
Washer
#192 025 0
3.6x16



Spacer
#192 035 0
6.35x16

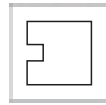


Spacer
#192 011 0
1x16

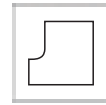




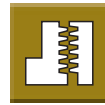
Routing



Grooving & Sizing



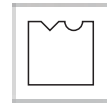
Profiling & Chamfering



Jointing & Rebating

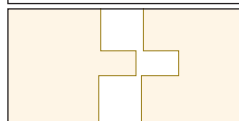
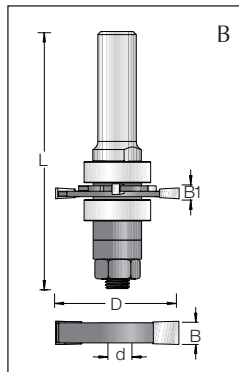
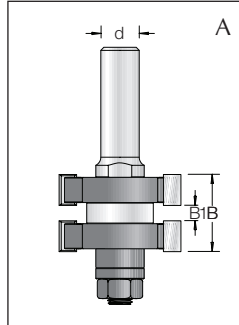


Frame & Panel door

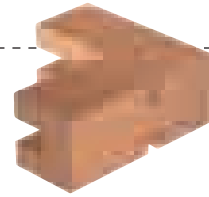


Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 22 9		12
Cutter A	47.4		1450 20 9	85	12
Cutter B	47.4		1450 21 9	85	12
Cutter A					
Groover	47.4	10.2	1430 22 0		
Groover	47.4	10.2	1430 22 0		
Cutter B					
Groover	47.4	3.5	1430 23 0		
Groover	47.4	3.5	1430 23 0L		
Groover	47.4	7.35	1430 34 0		



Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



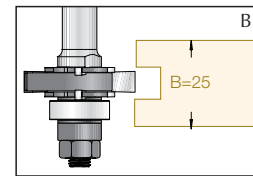
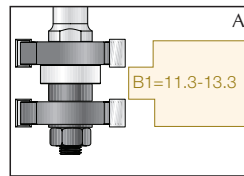
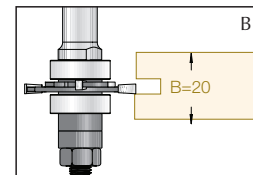
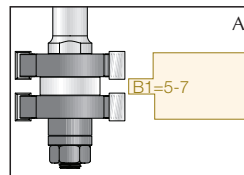
Washer
#192 025 0
3.6x16



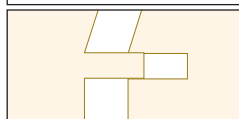
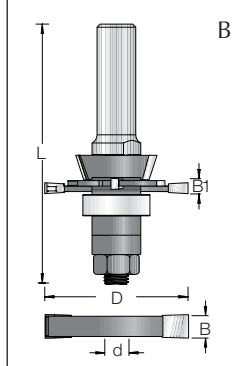
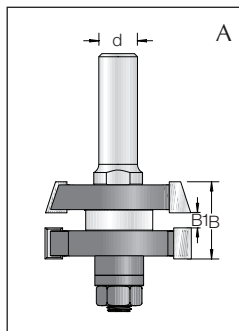
Spacer
#192 035 0
6.35x16



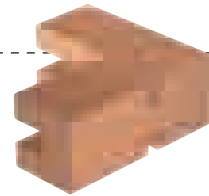
Spacer
#192 011 0
1x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 33 9		12
Cutter A	47.4		1450 32 9	85	12
Cutter B	47.4		1450 31 9	85	12
Cutter A					
Profile Cutter	47.4	10.2	1430 16 0		
Groover	47.4	10.2	1430 22 0		
Cutter B					
Profile Cutter	26.75	8.0	1430 15 0		
Groover	47.4	3.5	1430 23 0		
Groover	47.4	3.5	1430 23 0L		
Groover	47.4	7.35	1430 34 0		



Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



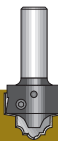
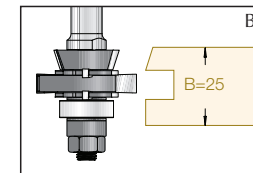
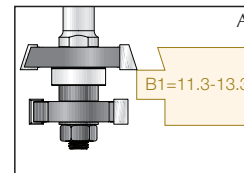
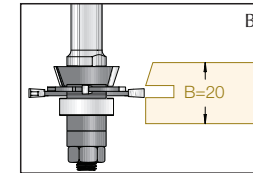
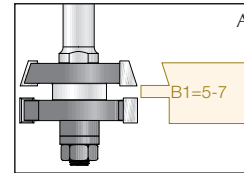
Washer
#192 020 0
3.4x16



Spacer
#192 035 0
6.35x16

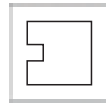


Spacer
#192 011 0
1x16

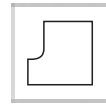




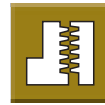
Routing



Grooving & Sizing



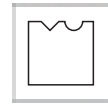
Profiling & Chamfering



Jointing & Rebating

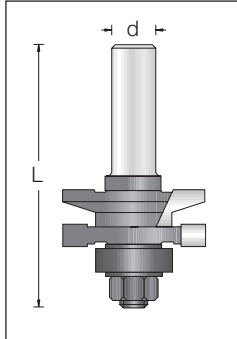


Frame & Panel door

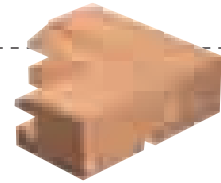


Carving

Tongue & Groove - Raised Panel Set



	øD	Code No.	B	L	ød
41	Complete	1433 01 5	22	70	8
		1433 01 9 *	22	76	12
	Profile Groover	1431 21 0	11		
	Groove	1431 04 0	6.3		



Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut *
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



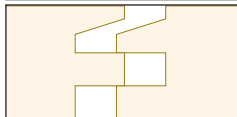
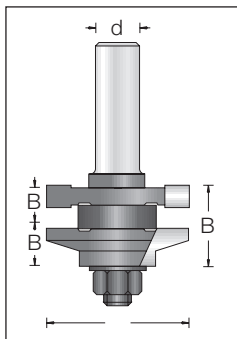
Washer
#192 011 0
1x16



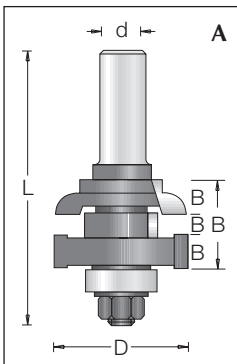
Spacer
#192 100 0
0.1x16



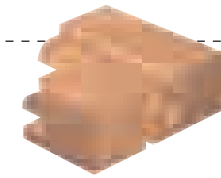
Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 03 9		12
Cutter A	41.0	27.0	1451 03 9	84	12
Cutter B	41.0	27.0	1452 03 9	84	12
Cutter A					
Profile Cutter	40.0	10.7	1450 23 0		
Groover	22.5	7.3	1450 12 0		
Groover	41.0	10.2	1431 06 0		
Cutter B					
Profile Cutter	38.0	11.6	1450 13 0		
Groover	41.0	6.3	1431 14 0		
Groover	22.0	11.0	1450 22 0		



Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



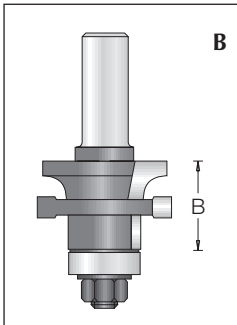
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16

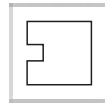


Spacer
#192 050 0
0.05x16

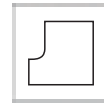




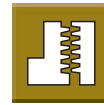
Routing



Grooving & Sizing



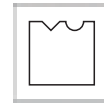
Profiling & Chamfering



Jointing & Rebating

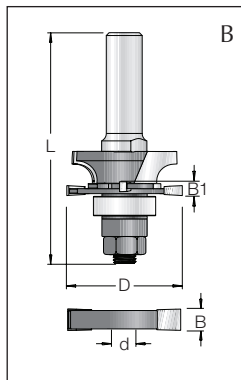
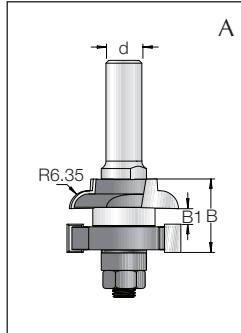


Frame & Panel door

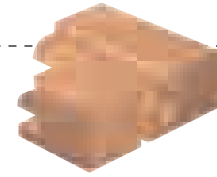


Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 09 9		12
Cutter A	41		1450 10 9	85	12
Cutter B	41		1450 11 9	85	12
Cutter A					
Profile Cutter	40	10.6	1450 23 0		
Groover	41	10.2	1431 06 0		
Cutter B					
Profile Cutter	38	11.6	1450 13 0		
Groover	41	3.5	1430 12 0		
Groover	41	3.5	1430 12 0L		
Groover	41	7.35	1430 13 0		



Spare Parts:



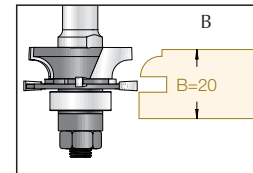
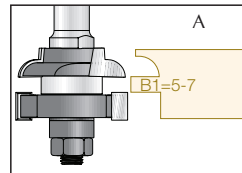
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



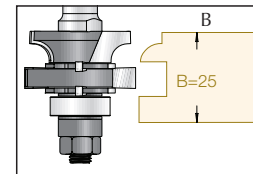
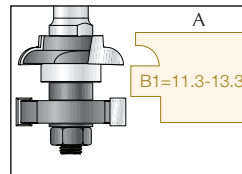
Spacer
#192 100 0
0.1x16



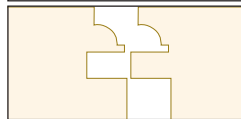
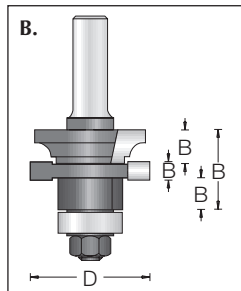
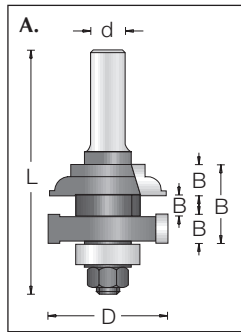
Spacer
#192 035 0
6.35x16



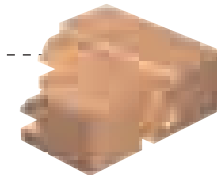
Washer
#192 012 0
04x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 04 9		12
Cutter A	41.0	27.0	1451 04 9	84	12
Cutter B	41.0	27.0	1452 04 9	84	12
Cutter A					
Profile Cutter	40.0	10.7	1450 24 0		
Groover	22.5	7.3	1450 12 0		
Groover	41.0	10.2	1431 06 0		
Cutter B					
Profile Cutter	38.0	11.6	1450 14 0		
Groover	41.0	6.3	1431 14 0		
Groover	22.0	11.0	1450 22 0		



Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



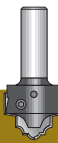
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16

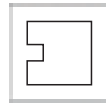


Spacer
#192 050 0
0.05x16

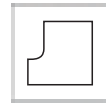




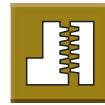
Routing



Grooving & Sizing



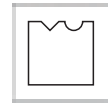
Profiling & Chamfering



Jointing & Rebating

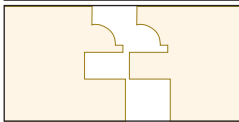
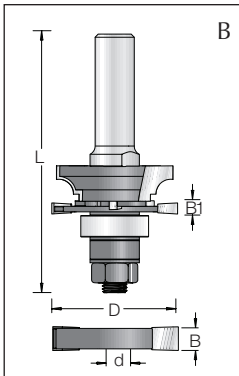
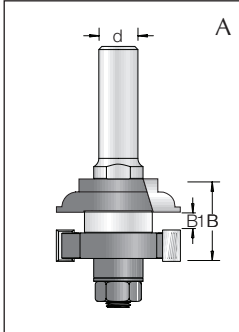


Frame & Panel door

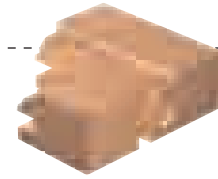


Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450 25 9		12
Cutter A	41		1450 24 9	85	12
Cutter B	41		1450 23 9	85	12
Cutter A					
Profile Cutter	40	10.7	1450 26 0		
Groover	41	10.2	1431 06 0		
Cutter B					
Profile Cutter	38	11.6	1450 14 0		
Groover	41	3.5	1430 12 0		
Groover	41	3.5	1430 12 0L		
Groover	41	7.35	1430 13 0		



Spare Parts:



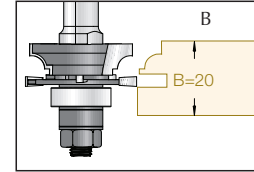
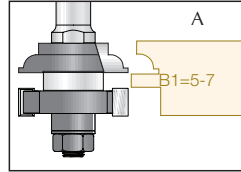
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 035 0
6.35x16



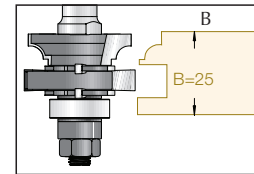
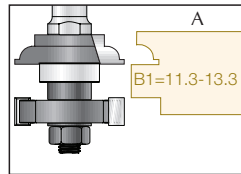
Spacer
#192 100 0
0.1x16



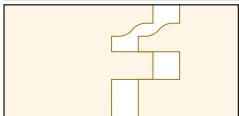
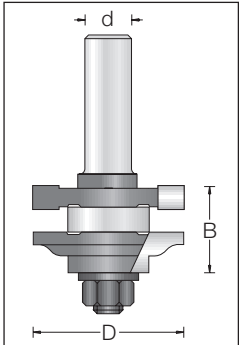
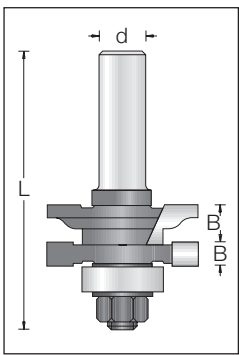
Spacer
#192 011 0
1x16



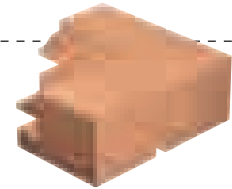
Washer
#192 050 0
0.05x16



Tongue & Groove Flat Classic Set



	øD	B	Code No.	L	ød
Complete	41	22.0	1430 01 5	70	8
	41	22.0	1430 01 9 *	76	12
Profile Cutter	41	11.0	1431 01 0		
Groover	41	6.3	1431 04 0		



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

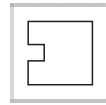


Spacer
#192 050 0
0.05x16

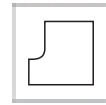




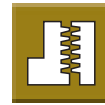
Routing



Grooving & Sizing



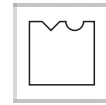
Profiling & Chamfering



Jointing & Rebating

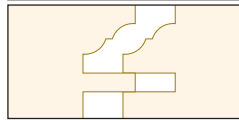
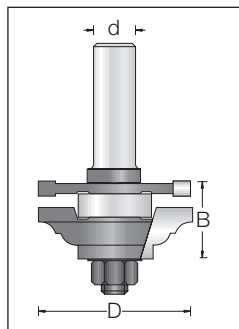
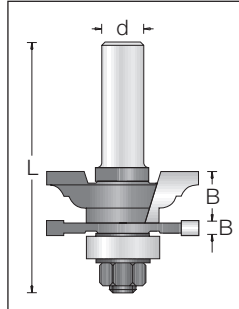


Frame & Panel door

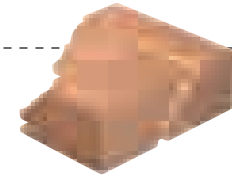


Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1440 01 5	70	8
	46	22	1440 01 9 *	76	12
Profile Cutter	46	15	1441 01 0		
Groover	46	4	1421 04 0		



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

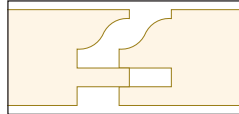
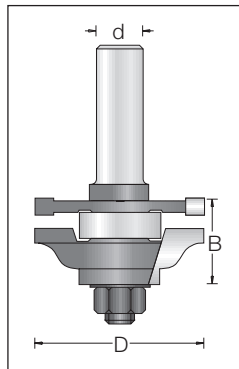
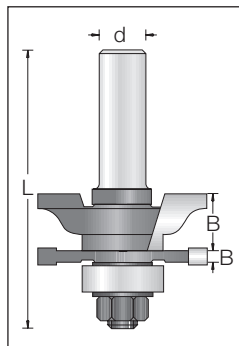


Spacer
#192 100 0
0.1x16

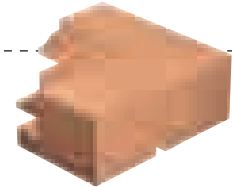


Spacer
#192 050 0
0.05x16

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1420 01 5	70	8
	46	22	1420 01 9 *	76	12
Profile Groover	46	15	1421 01 0		
Groover	46	4	1421 04 0		



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

