

2020

ROUTER BITS

ARDEN

Bring out the beauty in wood

ARDEN PRECISION TECHNOLOGY CO.,LTD

WWW.ARDEN.COM.TW





Straight Bits, Pierce and Trim Cutters

P.01-10

Profiled Grooving Cutters

P.11-24

Edge Moulding with Profile

P.24-44

Construction Bits

P.44-52

Keyhole & Drawer Pull Bits

P.52-53

Joint, Tongue & Groove Sets

P.53-59

Spare Parts & Accessories

P.58-61

Stop Collars

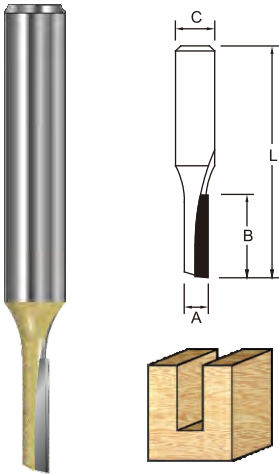
P.62

101 Straight Cutter TC HW/Z1/RH



Single flute bit should be used where cut speed is more important than cut finish. Making one cut per revolution is faster than making two or three. Improved chip clearance is possible with a single flute configuration.

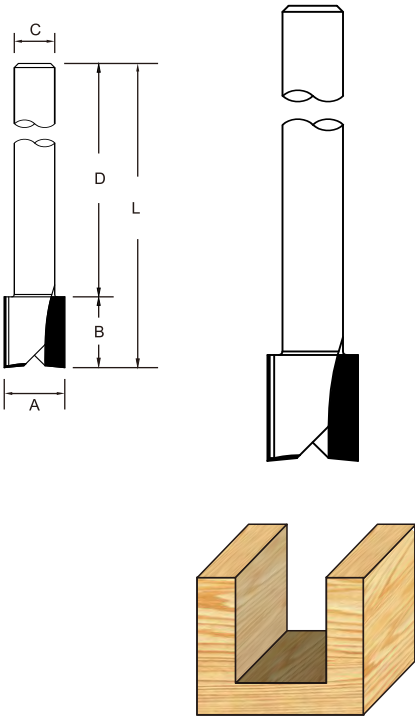
A mm	B mm	C mm	L mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
4	10	8	48	101821	
5	12.7	8	50	101831	
6	12.7	8	49	101836	
6	19	8	55	101841	
8	20	8	55	101851	
10	25	8	57	101861	
4	10	12	60		101221
5	12.7	12	62		101231
6	12.7	12	61		101236
6	19	12	67		101241
8	20	12	67		101251
10	25	12	71		101261



104 Straight,8° Downcut HW/Z2/RH



A mm	B mm	D mm	L mm	C=Ø8mm Part No.
12	14	68	82	104801DB



105 Straight Cutter with TC Center Tip HW/Z2+1/RH

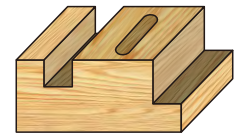
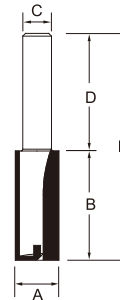


This bit's specially designed carbide center tip enhances the speed of plunge cuts. At the same time, it extends the life of the cutting edge by reducing the stress of plunge cuts on their tips. Ideal for mortising and other plunging operations.

【Shank=8mm】

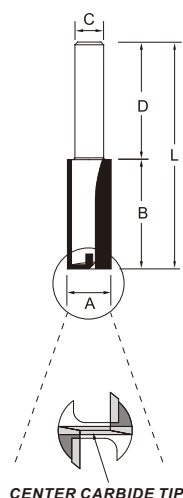
A mm	B mm	C mm	D mm	L mm	Part No.
8	20	8	32	55	105806
8	30	8	32	65	105807
8	30	8	58	90	105808
9	20	8	32	55	105811
10	20	8	32	52	105813
10	30	8	32	62	105815
10	30	8	58	90	105816
11	20	8	32	52	105821
12	20	8	32	52	105831
12	30	8	32	62	105835
12	30	8	58	90	105836
12	38	8	32	70	105837
12	50	8	32	82	105838
12	63	8	29	92	105839
13	20	8	32	52	105840
14	20	8	32	52	105841
14	30	8	32	62	105843
14	30	8	58	90	105845
15	20	8	32	52	105847
16	20	8	32	52	105851
16	20	8	50	70	105852
16	30	8	32	62	105853
16	30	8	58	90	105854
16	38	8	32	70	105855

A mm	B mm	C mm	D mm	L mm	Part No.
16	50	8	32	82	105856
18	20	8	32	52	105858
18	20	8	50	70	105859
18	30	8	40	70	105860
20	20	8	32	52	105863
20	20	8	50	70	105864
20	32	8	32	64	105865
22	20	8	32	52	105871
22	20	8	50	70	105872
22	30	8	32	62	105873
24	20	8	32	52	105877
25	20	8	32	52	105881
26	20	8	40	60	105882
28	20	8	32	52	105887
30	20	8	32	52	105891



105 Straight Cutter with TC Center Tip

HW/Z2+1/RH

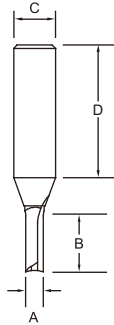


【Shank=12mm】

A mm	B mm	C mm	D mm	L mm	Part No.
8	20	12	40	67	105206
8	30	12	40	77	105208
10	20	12	40	66	105213
10	30	12	40	76	105215
10	35	12	55	95.5	105219
12	20	12	40	64	105231
12	30	12	40	74	105235
12	38	12	40	82	105237
12	50	12	40	94	105238
12	63	12	40	107	105239
14	20	12	40	62	105241
14	30	12	40	72	105243
14	35	12	55	90	105246
15	20	12	40	60	105247
15	35	12	55	90	105249
16	20	12	40	60	105251
16	30	12	40	70	105253
16	38	12	40	78	105255
16	50	12	40	90	105256
16	60	12	50	110	105257
18	20	12	40	60	105258
18	35	12	55	90	105261
18	60	12	50	110	105262
20	20	12	40	60	105263
20	32	12	40	72	105265
20	35	12	55	90	105269
20	60	12	50	110	105270
22	20	12	40	60	105271
22	30	12	40	70	105273
22	35	12	55	90	105274
22	40	12	50	92	105275
22	60	12	50	110	105276
24	20	12	40	60	105277
24	35	12	55	90	105278
24	40	12	50	92	105279
25	20	12	40	60	105281
25	35	12	55	90	105283
26	42	12	50	94	105285
28	20	12	40	60	105287
28	42	12	50	94	105289
30	20	12	40	60	105291
30	35	12	55	90	105293
35	35	12	55	90	105295

107 Solid Carbide Insert Straight Cutters

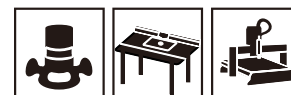
VHW/Z2/RH



A mm	B mm	CxD=Ø6x32mm Part No	CxD=Ø8x32mm Part No	CxD=Ø12x38mm Part No
2	4	107116	107293	107297
2	6	107106	107303	107307
3	8	107136	107473	107477
3	12	107146	107483	107487
3	15	107156	107493	107497
3	20	107166	107503	107507
4	10	107246	107593	107597
4	12	107056	107343	107347
4	15	107256	107393	107397
4	20	107266	107403	107407
4	26	107626	107623	107627
5	12	107326	107693	107697
5	15	107066	107363	107367
5	20	107346	107413	107417
5	26	107736	107733	107737
5	30	107756	107753	107757
6	10	107796	107793	107797
6	15	107086	107773	107777
6	20	107386	107423	107427
6	26	107826	107823	107827
6	30	107846	107843	107847
7	20	107866	107863	107867
7	26	107886	107883	107887
7	32	107916	107913	107917
8	20	107926	107923	107927
8	26	107946	107943	107947
8	32	107976	107973	107977
8	40	107996	107993	107997

108 Hinge Mortising Cutters TC

HW/Z2/RH



1

2

3

4

5

6

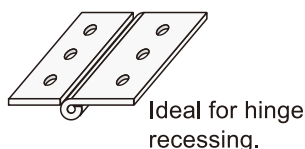
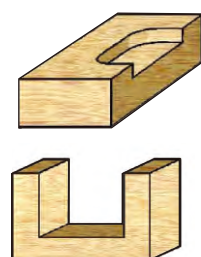
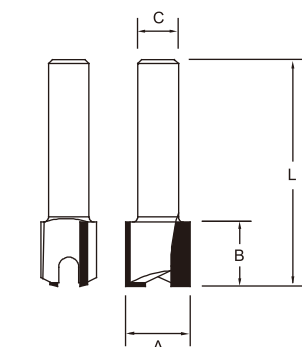
7

8

9



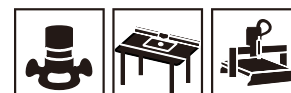
Two-flute carbide tipped for clean cutting of hinge and other mortises. Can be used with popular templates. Specifically designed for cutting in hinges, stair treads and general routing of large flat bottom area with quick clearance of waste. Deep gullet allows maximum material removal.



A mm	B mm	L mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
12	12		108636	108836	
13	12		108641	108841	
14	12		108646	108846	
15	12		108651	108851	
16	12		108656	108856	
18	12		108661	108861	
19	12	44	108611	108811	
19	12	52			108211
20	11		108666	108866	
22	11		108671	108871	
23	11		108676	108876	
24	11		108681	108881	
25	11		108686	108886	
30	12	44		108821	
30	12	52			108221

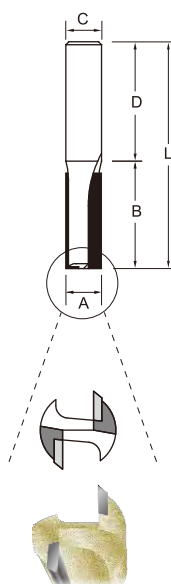
110 Straight Cutter TC with Grinded Bottom Cut

HW/Z2/RH



【Shank=6mm】

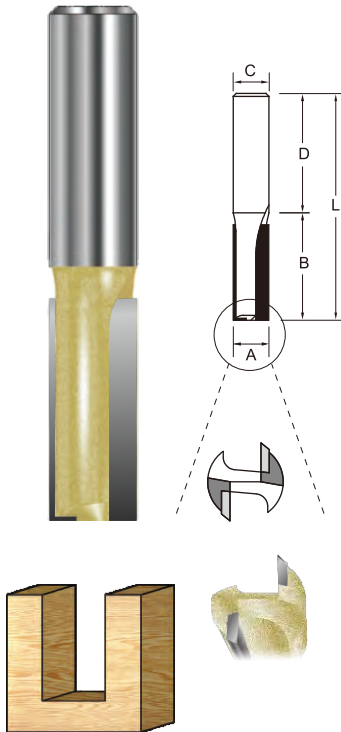
Two flutes straight cutter on grooving, rebating and mortising for clean finish, when working in abrasive materials such as chipboard, MDF and plywood. It's suitable for short plunge on softwood. For plunge into hardwood we recommend router bits with TC center tip (#105 series).



Option Packaging
10PCS in Masterpack

A mm	B mm	C mm	D mm	L mm	Part No.
5	12	6	32	48	110607
5	16	6	32	52	110609
5	20	6	32	56	110610
6	19	6	32	55	110611
6	25	6	32	60.5	110613
8	20	6	32	52	110621
8	30	6	32	62	110625
10	20	6	32	52	110631
10	30	6	32	62	110635
12	20	6	32	52	110651
12	32	6	32	64	110655
14	20	6	32	52	110661
14	30	6	32	62	110665
15	20	6	32	52	110667
16	20	6	32	52	110671
16	32	6	32	64	110673
18	20	6	32	52	110676
18	30	6	32	62	110680
20	20	6	32	52	110681
22	20	6	32	52	110687
24	20	6	32	52	110691

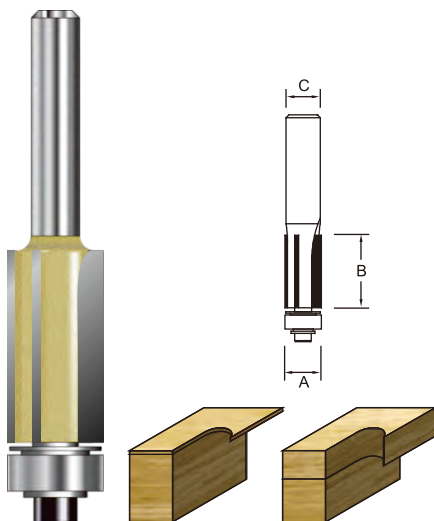
110 Straight Cutter TC with Grinded Bottom Cut
HW/Z2/RH

【Shank=8mm】
【Shank=12mm】


A mm	B mm	C mm	D mm	L mm	Part No.
5	12	8	32	50	110807
5	16	8	32	53	110809
6	20	8	32	56	110811
6	25	8	32	61	110813
8	20	8	32	55	110821
8	30	8	32	65	110825
10	20	8	32	52	110831
10	30	8	32	62	110835
12	20	8	32	52	110851
12	32	8	32	64	110855
12	38	8	32	70	110857
12	50	8	32	82	110859
14	20	8	32	52	110861
14	30	8	32	62	110865
15	20	8	32	52	110867
15	30	8	32	62	110869
16	20	8	32	52	110871
16	32	8	32	64	110873
16	38	8	32	70	110874
16	50	8	32	82	110875
18	20	8	32	52	110876
18	30	8	32	62	110880
20	20	8	32	52	110881
20	30	8	32	62	110885
22	20	8	32	52	110887
22	30	8	32	62	110889
24	20	8	32	52	110891
25	20	8	32	52	110893
25	30	8	32	62	110895

A mm	B mm	C mm	D mm	L mm	Part No.
5	12	12	40	61	110207
5	16	12	40	65	110209
6	19	12	40	67	110211
6	25	12	40	73	110213
8	20	12	40	67	110221
8	30	12	40	77	110225
10	20	12	40	66	110231
10	30	12	40	76	110235
12	20	12	40	64	110251
12	32	12	40	76	110255
12	38	12	40	82	110257
12	50	12	40	94	110259
14	20	12	40	62	110261
14	30	12	40	72	110265
15	20	12	40	60	110267
15	30	12	40	70	110269
16	20	12	40	60	110271
16	32	12	40	72	110273
16	38	12	40	78	110274
16	50	12	40	90	110275
18	20	12	40	60	110276
18	30	12	40	70	110280
20	20	12	40	60	110281
20	30	12	40	70	110285
22	20	12	40	60	110287
22	30	12	40	70	110289
24	20	12	40	60	110291
25	20	12	40	60	110293
25	30	12	40	70	110295

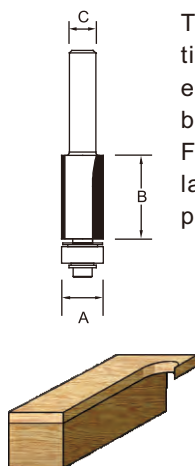
 Option Packaging
10PCS in Masterpack

150 Trimming Cutter TC with Ball Bearing
HW/Z3/RH

 For an extremely smooth finish, choose the three-flute configuration.
 It is especially good to use on laminates that tend to chip easily.

A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
12.7	12.7	150611	150811	150211	706051
12.7	25.4	150621	150821	150221	706051
12.7	38.1		150851	150251	706051
12.7	50.8		150861	150261	706051

151 Trimming Cutter TC with Ball Bearing

HW/Z2/RH



Two-flute carbide tipped with totally enclosed ball bearing guides. For use in trimming laminates and pattern routing.



Option Packaging
10PCS in Masterpack

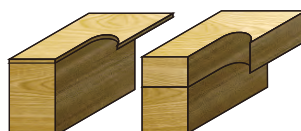
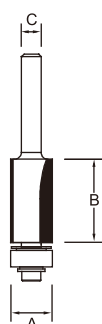
A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
6.35	19	151606	151806	151206	706011
9.53	12.7	151609	151809	151209	706031
9.53	25.4	151610	151810	151210	706031
12.7	12.7	151611	151811	151211	706051
12.7	25.4	151621	151821	151221	706051
12.7	31.8	151641	151841	151241	706051
12.7	38.1		151851	151251	706051
12.7	50.8			151261	706051
12.7	60			151262	706051
19	16	151665			706108
19.05	25.4		151865	151271	706081
22	25.4			151281	706111

151A Trimming Cutter with Down Shear Cutting Angle

HW/Z2/RH



The down shear angle cutting flutes produces a smoother cut than the traditional straight flute bits. Instead of chopping at the wood fibers at a 90° angle, the shear angle design allows for a smoother shear angle, slicing cut. Use this bit to eliminate tear-out problems from routing end or cross grain on very hard woods.

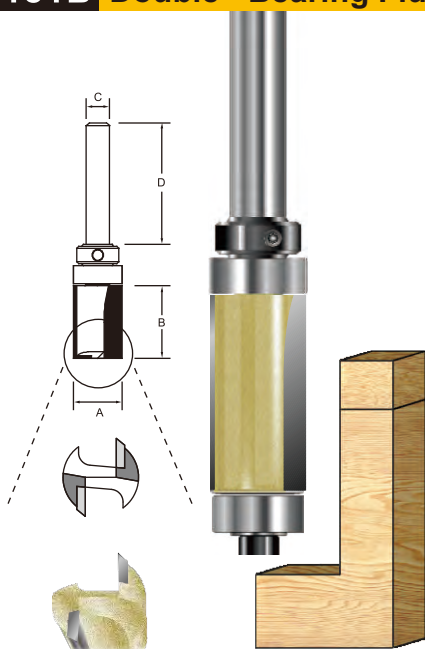


Option Packaging
10PCS in Masterpack

A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
12.7	25.4	151621A	151821A	151221A	706051
19.05	25.4	151683A	151883A	151283A	706081
19.05	38.1			151287A	706081
19.05	50.8			151289A	706081

151B Double - Bearing Flush Trimming

HW/Z2/RH



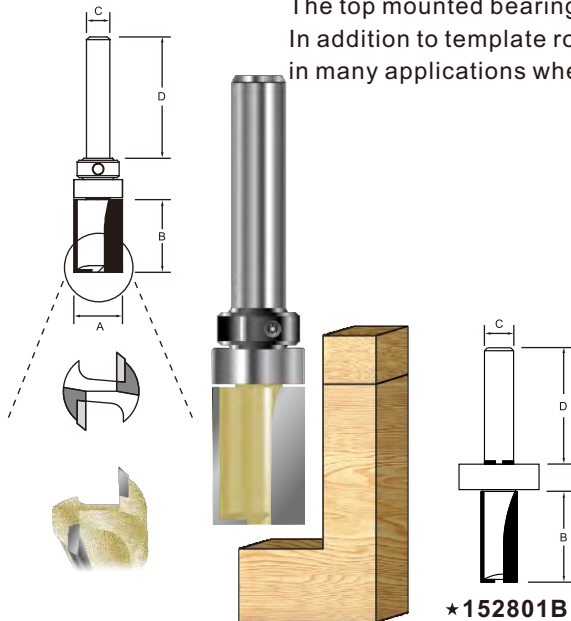
A mm	B mm	CxD=Ø6x32mm Part No.	CxD=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
12.7	19	151614B			706111
19	25		151890B		706050
19	40		152891B		706050
22	30			151282B	706061

152B Trimming Cutter with Top Ball Bearing

HW/Z2/RH



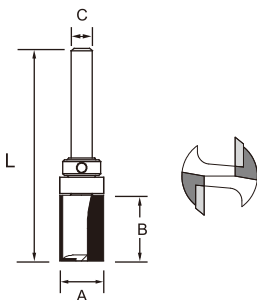
Two-flute carbide tipped with totally enclosed ball bearing guides.
The top mounted bearing is ideal for template routing.
In addition to template routing these bits are convenient for flush trimming
in many applications where a bottom mounted bearing is not practical.



A mm	B mm	CxD=Ø6x32mm Part No.	CxD=Ø8x32mm Part No.	Bearing No.
10	25		★152801B	706111
12	19		152802B	706050
12	25	152603B	152803B	706050
12.7	19	152605B		706061
12.7	25.4	152607B		706061
13	20	152609B		706063
15	20	152611B		706103
15.88	19	152613B		706071
15.88	25.4	152615B		706071
16	20	152621B	152821B	706106
19	20	152623B		706108
19	25	152625B		706109
22	20		152827B	706111

152B Trimming Cutter with Top Ball Bearing

HW/Z2/RH



• Long Series

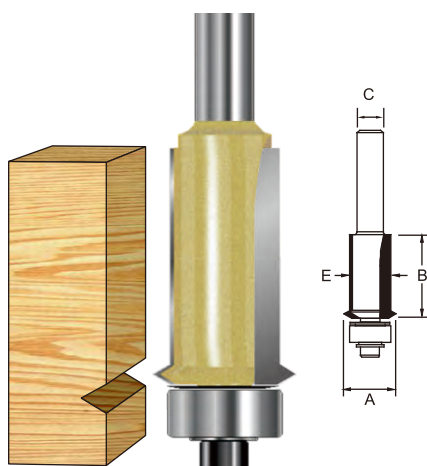
	A mm	B mm	L mm	C=Ø6 Part No.	C=Ø8 Part No.	C=Ø12 Part No.	Bearing No.
1	15	31.7	66.5	152631B			706103
2	16	31.7	66.5		152833B		706106
3	19.05	38.1	82.5		152835B	152235B	706091
4	19.05	50.8	92			152237B	706091

153 Trimming Cutter TC with V-Notch

HW/Z2/RH



Makes a "V" where the two pieces join together, effectively hiding
a less than perfect joint. Ideal for cabinets and drawers.



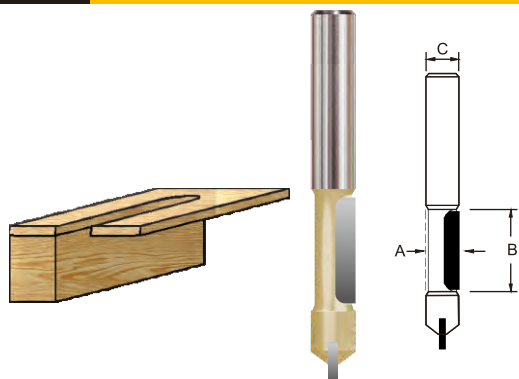
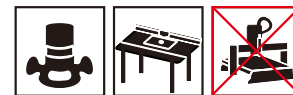
	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	15.9	25.4	12.7	153611	153811	153211	706051
2	19	25.4	12.7	153621	153821	153221	706051



Drawings are 1:1 scale

154A Pierce & Trim Cutter with Guide

HW/Z1+1/RH

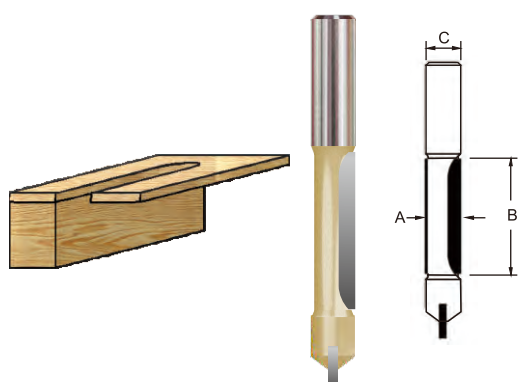


Pierce and trim cutter with a single flute cutting edge and a TC centre tip. Ideal for plunging. Pierce and cut out apertures in laminate worktops. Base of the cutter acting as a guide follower. Suitable also in foam.

	A mm	B mm	C=Ø6x32mm Part No.
1	6	19	154606A
2	6.35	19	154607A

154C Panel Pilot Bit with Guide

HW/Z2+1/RH

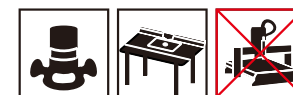


The point plunges smoothly and easily and the carbide edges cut cleanly and fast.

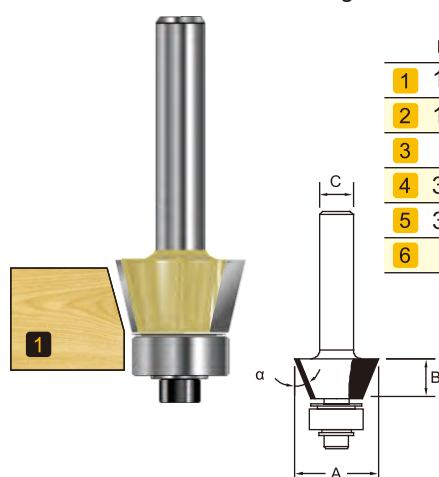
	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	8	19	154807C	
2	8	25.4	154830C	
3	12	25.4		154231C
4	12	30.2		154241C
5	12	31.7		154242C

156 Bevel Trim Cutter with Ball Bearing

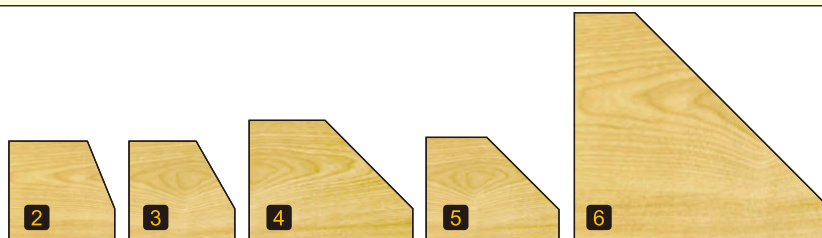
HW/Z2/RH



Two flute bevel trim cutter with bearing guided bevel trimmers. Different angles of chamfer are available. Accurate bevels great for edge working and cut clean.



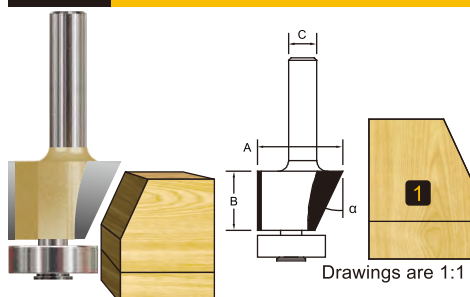
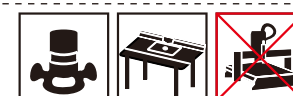
	A mm	B mm	α	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	17.2	9.53	15°	156621	156821	156221	706051
2	19.8	9.53	22°	156631	156831	156231	706051
3	23	9.53	30°	156651	156851	156251	706051
4	35.9	11.95	45°	156671	156871	156271	706051
5	31.7	9.5	45°	156681	156881	156281	706051
6	65	26	45°			156295	706051



Drawings are 1:1 scale

156A Combination Flush and Bevel Trim Bit

HW/Z2/RH

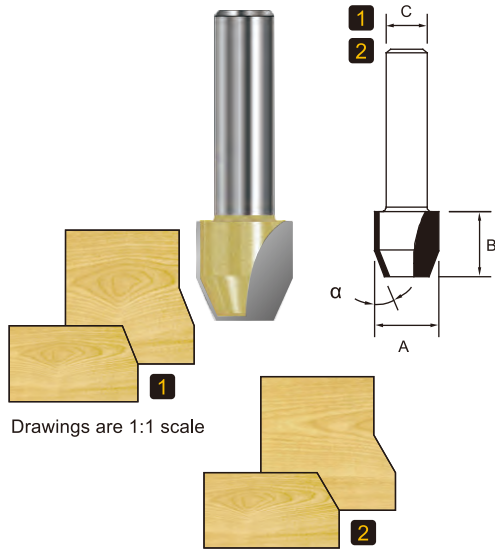


	A mm	B mm	α	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	Bearing No.
1	19-24.5	16(10+6)	0-25°	156661A	156861A	706108

Drawings are 1:1 scale

157 Bevel & Flush Trim Cutter

HW/Z2/RH



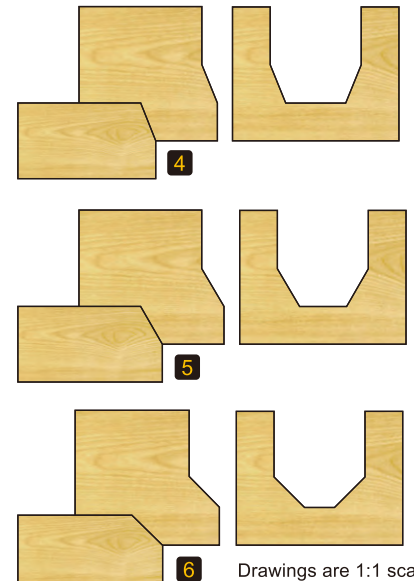
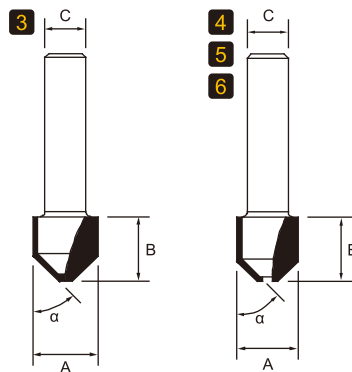
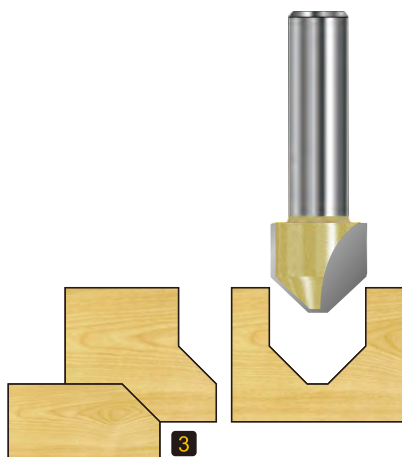
Drawings are 1:1 scale

Two Flute for straight and angle trimming. Perform 3 functions. Besides the straight and the angle, the base of the cutter can trim the vertical lipping at 90°. These bits must be used with an edge, separate guide or fence.

	A mm	B mm	α	C=Ø 6x32mm Part No.	C=Ø 8x32mm Part No.	C=Ø 12x40mm Part No.
1	12.7	12.7	22°	157611	157811	157211
2	12.7	12.7	30°	157621	157821	157221
3	12.7	12.7	45°	157631	157831	157231
4	12	12.7	0°-22°	157615	157815	
5	12	12.7	0°-30°	157625	157825	
6	12	12.7	0°-45°	157635	157835	

157 Bevel & Flush Trim Cutter

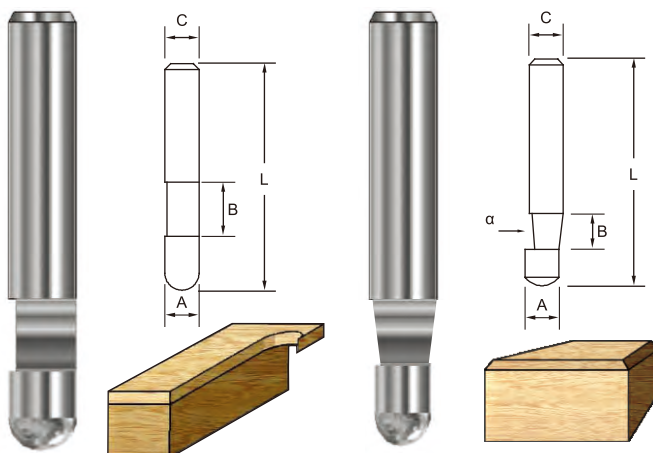
HW/Z2/RH



Drawings are 1:1 scale

158/159 Combination Trimming Bits

HWM/Z1/RH



These Solid Carbide flush trim bits give you quick, clean and straight edges.

	A mm	B mm	L mm	α	C=Ø6x32mm Part No.
1	6	9.5	40	0°	158610
2	6	6	40	7°	159610



Drawings are 1:1 scale

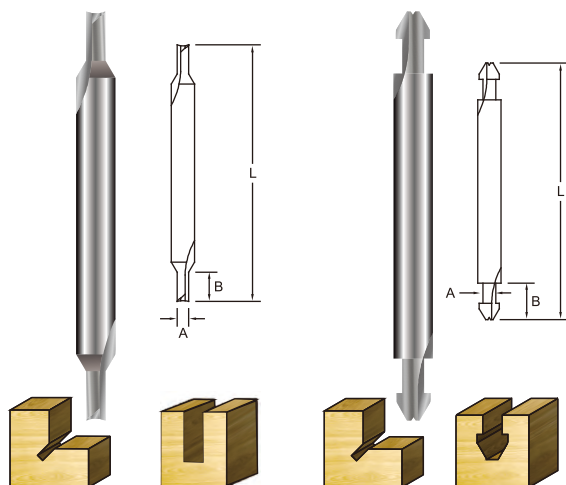
171/172/173 Weatherseal Bits

HWM/Z2/RH



Double-Sided design to save money.
Solid Carbide Material.

	A mm	B mm	L mm	Ø6 Part No.	Ø8 Part No.	Ø12 Part No.
1	3	8	70	171603		
2	3.5	8	70	172603		
3	3	11	60	172604	172804	172204
4	4	12	60	172634	172834	172234
5	3.5	10	60	173607		



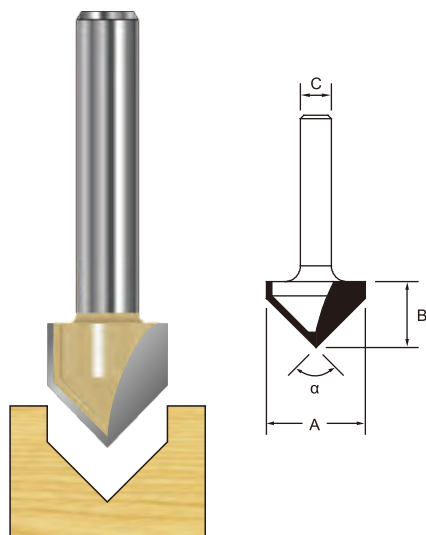
Drawings are 1:1 scale

200 V-Groove and Engraving Cutter TC/ Two Flutes

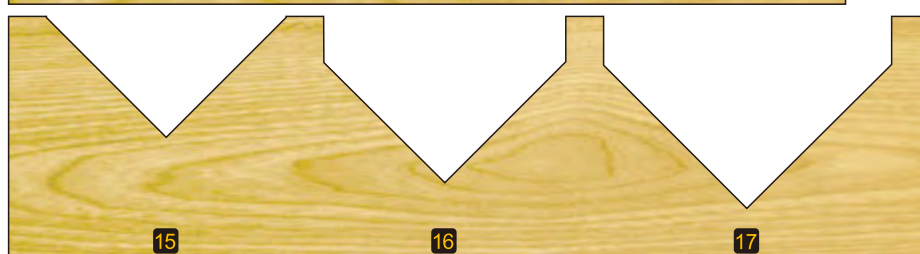
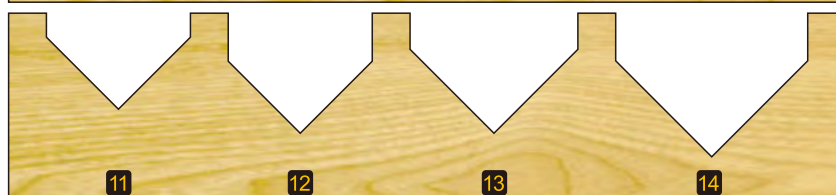
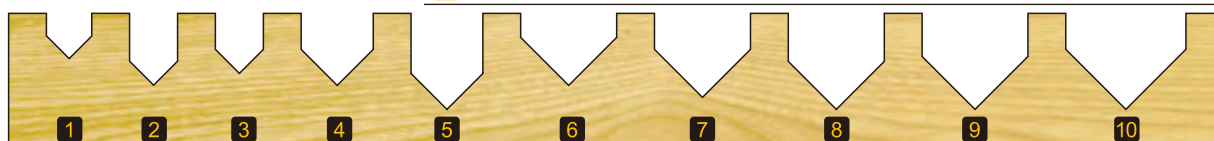
HW/Z2/RH



V-groove and engraving cutter used on high speed routers for bevelling, chamfering and for producing mortar grooves.



	A mm	B mm	α	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	6	6	90°	200608		
2	6.35	9.5	90°	200609	200809	200209
3	6.35	7.94	90°	200610	200810	
4	9.5	9.5	90°	200611	200811	200211
5	9.5	12.7	90°	200612	200812	200212
6	12.7	9.53	90°	200618	200818	200218
7	12.7	11.11	90°	200621	200821	200221
8	12.7	12.7	90°	200622	200822	200222
9	14	12.7	90°	200628	200828	200228
10	15.9	12.7	90°	200631	200831	200231
11	19.05	12.7	90°	200638	200838	200238
12	19.05	15.9	90°	200641	200841	200241
13	22.2	15.9	90°	200651	200851	200251
14	25.4	19	90°	200661	200861	200261
15	31.7	16	90°		200865	200265
16	32	22	90°		200871	200271
17	38.1	25.4	90°			200281



Drawings are 1:1 scale

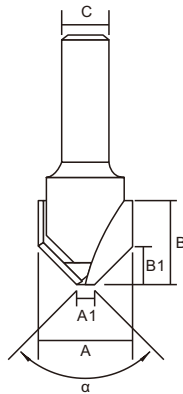


200A "V" & Rectangular Groove

HW/Z2/RH

Aluminum Composite Material(ACM)Panels

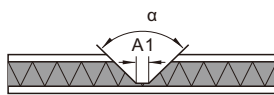
- Tungsten Carbide Tipped "V" groove cutters.
- Specially designed tools for aluminium composite cladding material such as Alucobond® and Dibond® which comprises of an Aluminium cover with a polyethylene core.
- Use at 12,000 to 15,000 RPM and feed speed of 400-600mm/min.
- Coolant not required for hand feed or CNC.



	A mm	A1 mm	B mm	B1 mm	α Deg	R mm	C=Ø6x32	C=Ø8x32	C=Ø1/4x1-1/4
1	12.7	2.29	11.5	5.21	90		200610A	200810A	200010A
2	12.7	2.29	12.7	3.78	108		200620A	200820A	200020A
3	19.05	2	13.5	3.53	135		200630A	200830A	200030A
4	15.88		11.5	1.36		23.8	200640A	200840A	200040A



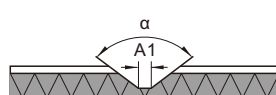
1 V-GROOVE



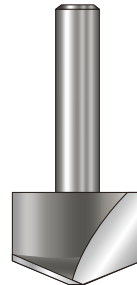
90°included angle



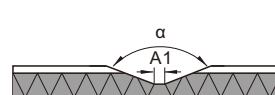
2 V-GROOVE



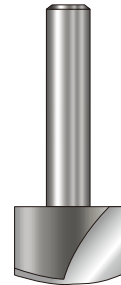
108°included angle



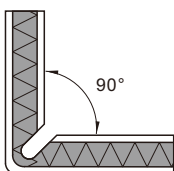
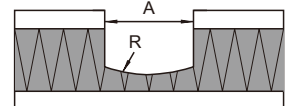
3 V-GROOVE



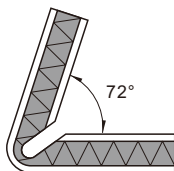
135°included angle



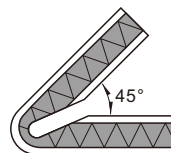
4 RECTANGULAR GROOVE



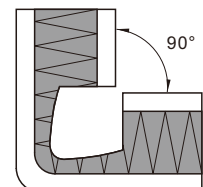
Folded



Folded

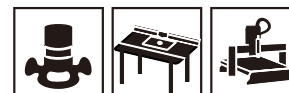


Folded

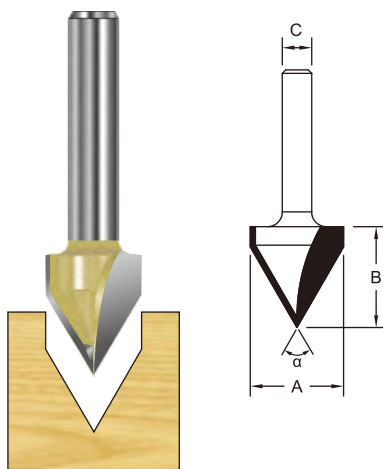


Folded

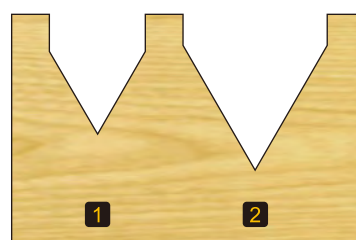
202 V-Groove and Engraving Cutter **HW/Z2/RH**



Can be used for imitating V-jointed tongue and groove on man-made board as well as lettering and freehand designs for which the 60° profile is the most likely.

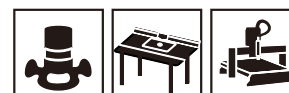


	A mm	B mm	α	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	12.7	15.9	60°	202611	202811	
2	19.05	20.6	60°	202621	202821	202221

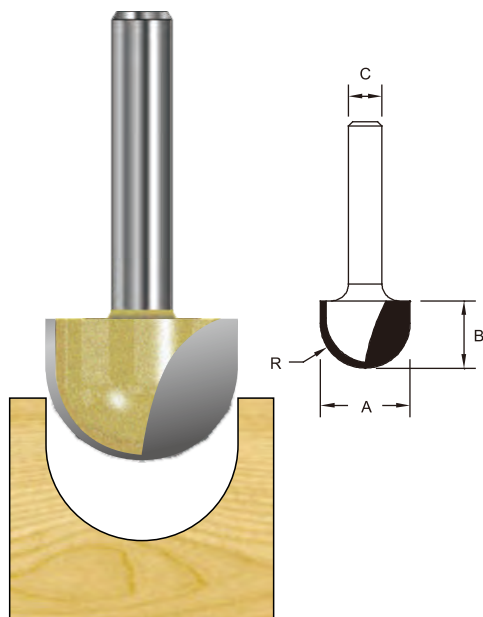


Drawings are 1:1 scale

203 Core Box Cutter **HW/Z2/RH**

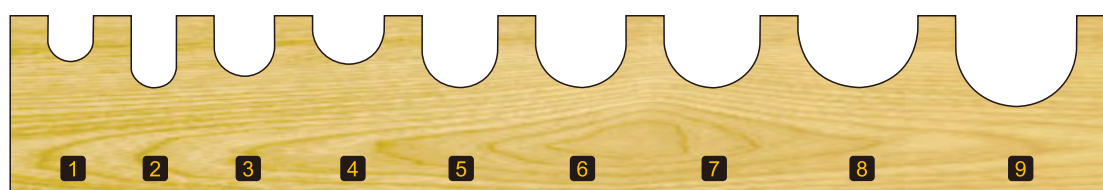


Core box cutter with two flutes used for round bottom, decorative and functional slots and grooves. R19.05 and R25.4mm can be used as a handrail bit for stairs. A continuous plate at the bottom of the bit ensures a perfect curve for the groove.



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3	6	6	★ 203602	★ 203802	★ 203202
2	3	6	9.5			203200
3	4	8	8	203604	203804	203204
4	4.75	9.5	6.4	203606	203806	
5	5	10	9.5	203612	203812	203212
6	6	12	9.5	203614	203814	203214
7	6.35	12.7	9.5	203610	203810	203210
8	7.94	15.88	9.5	203616	203816	203216
9	8	16	12	203622	203822	203222
10	9.5	19	11	203624	203824	203224
11	10	20	16	203628	203828	203228
12	12.7	25.4	19.05	203641	203841	203241
13	15.9	31.8	19.05			203251
14	19.05	38.1	22.2			203261
15	22.2	44.4	25.4			203271
16	25.4	50.8	31.8			203281

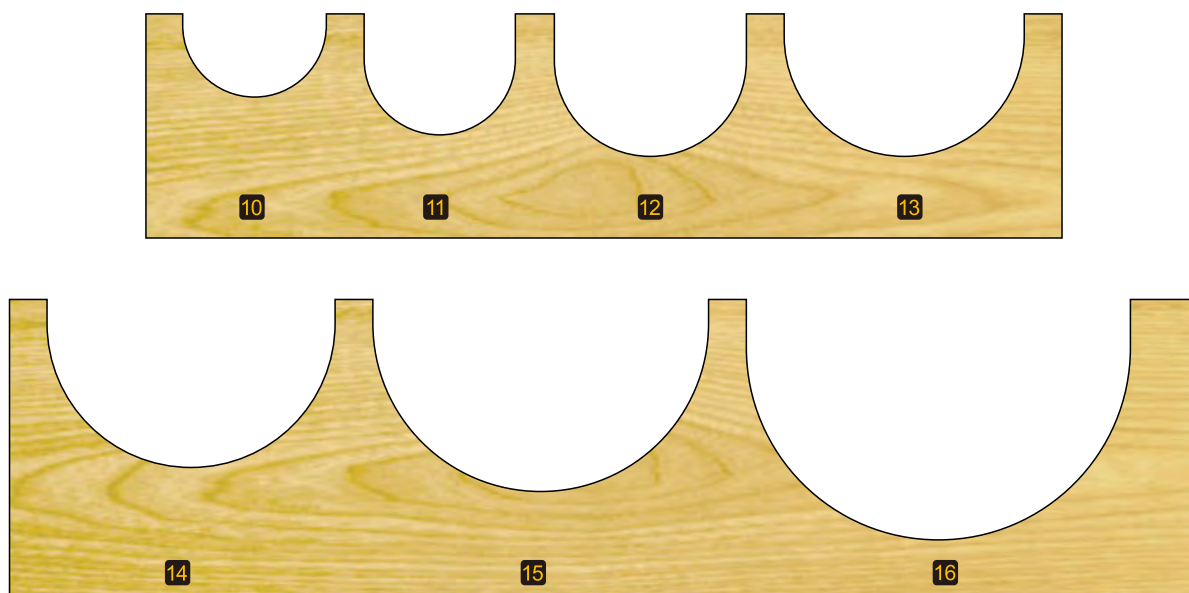
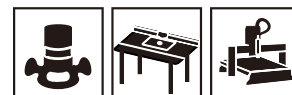
★ One Piece



Drawings are 1:1 scale

203 Core Box Cutter

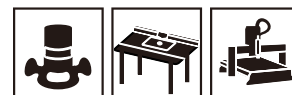
HW/Z2/RH



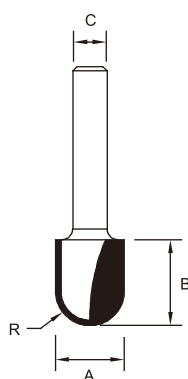
Drawings are 1:1 scale

204 Round Nose Grooving Cutter

HW/VHW/Z2/RH

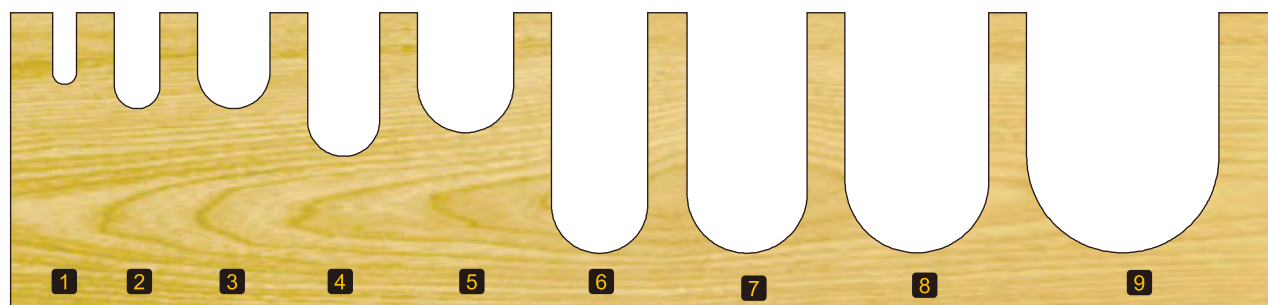


Two flute round nose grooving cutter used for round bottom, decorative and functional slots and grooves. The long version has an extended cutting length for deeper grooving in comparison to a common core box cutter.



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	1.6	3.2	9.5	★ 204601	★ 204801	
2	3	6	12.7	204628	204828	
3	4.76	9.5	12.7	204641	204841	204241
4	4.76	9.5	19	204645	204845	204245
5	6.35	12.7	15.9	204651	204851	204251
6	6.35	12.7	31.8			204223
7	7.94	15.9	31.8			204233
8	9.5	19	31.8			204258
9	12.7	25.4	31.8			204260

★ VHW : Solid Tungsten Carbide Insert

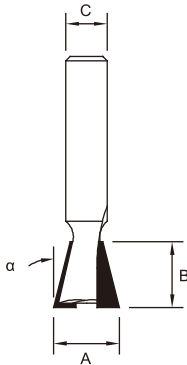
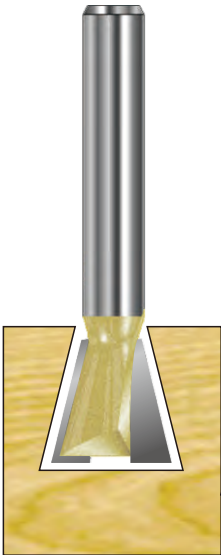


Drawings are 1:1 scale

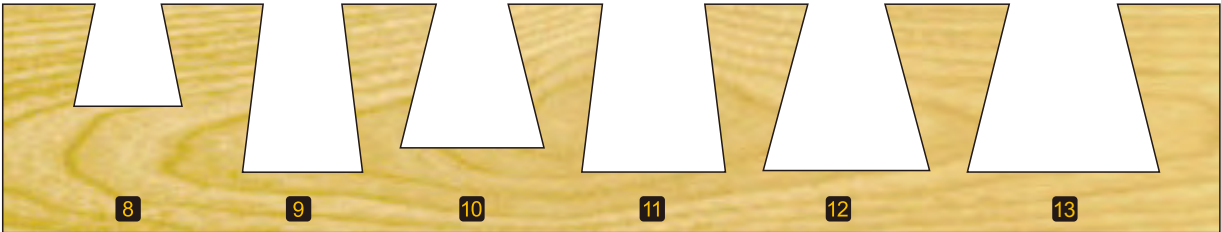
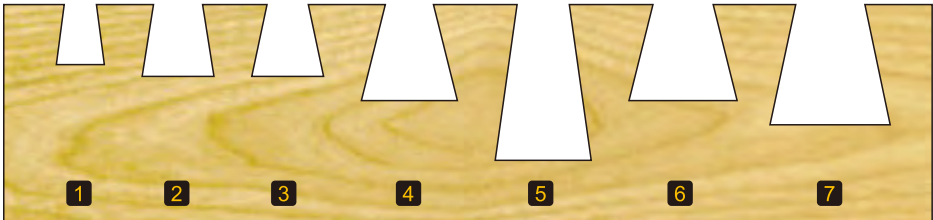
206 Dovetail Cutter **HW/Z2/RH**



Two flutes dovetail cutter without spurs for an easy construction of dovetails.

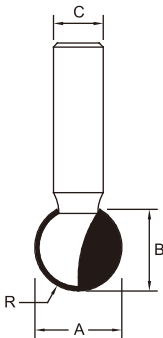
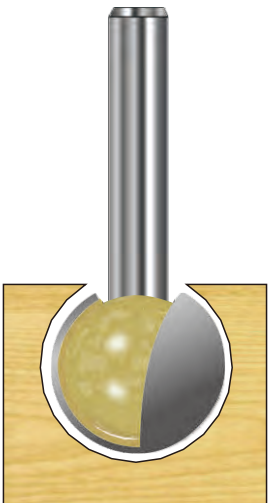


	α	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	7.5°	6.35	7.9		206806	
2	9°	9.5	9.5	206611	206811	206211
3	12°	9.5	8.5		206813	
4	14°	12.7	12.7	206621	206821	206221
5	8°	12.7	20.6		206825	
6	14°	14.3	12.7	206631	206831	206231
7	14°	15.9	15.9	206641	206841	
8	15°	14.3	13.5	206642	206842	206242
9	7°	15.9	22.2	206651	206851	206251
10	14°	19	19	206661		206261
11	7°	19	22.2	206671	206871	206271
12	15°	22	22		206882	
13	14°	25.4	22.2			206291



Drawings are 1:1 scale

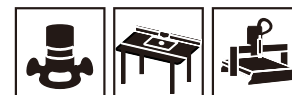
208 Ball Milling **HW/Z2/RH**



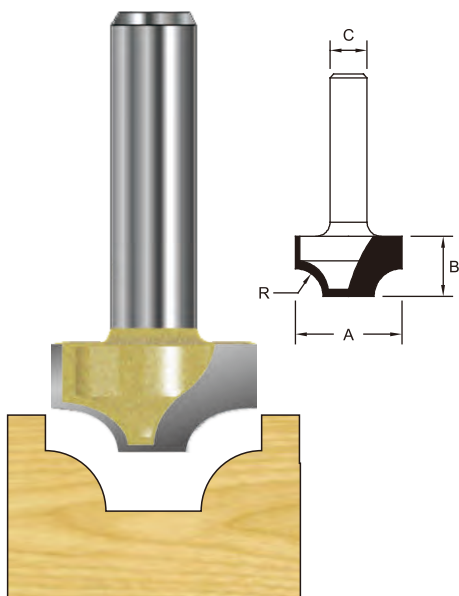
	R mm	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	6.35	12.7	11	208821	
2	7.94	15.88	14.2	208831	
3	9.52	19.05	17.4	208841	
4	12.7	25.4	23.5		208261



209 Beading Cutter HW/Z2/RH

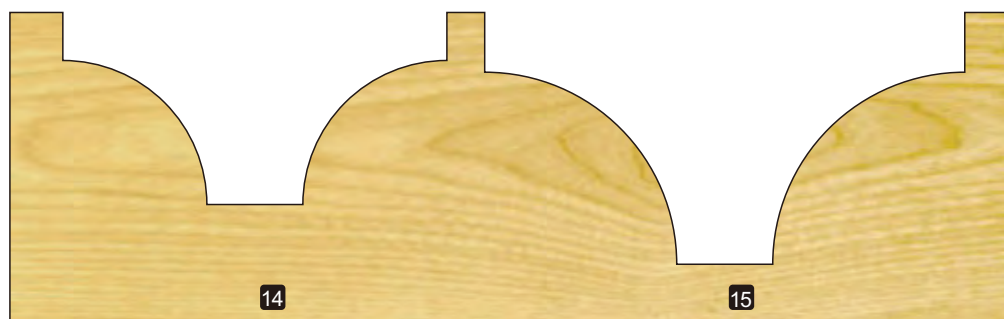
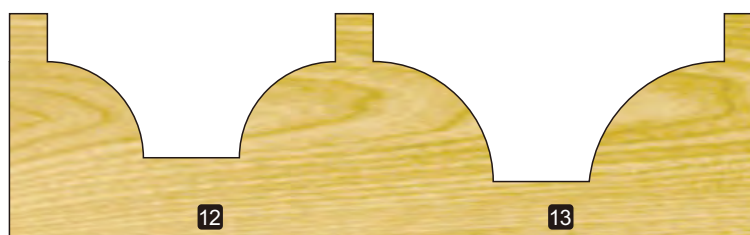
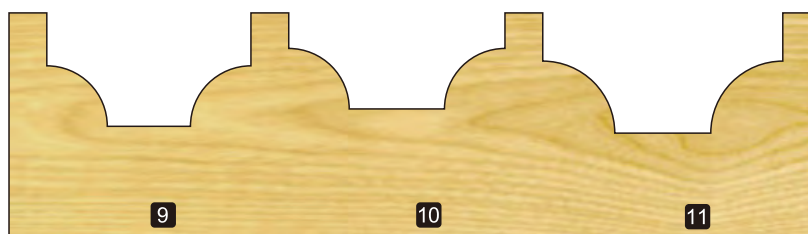
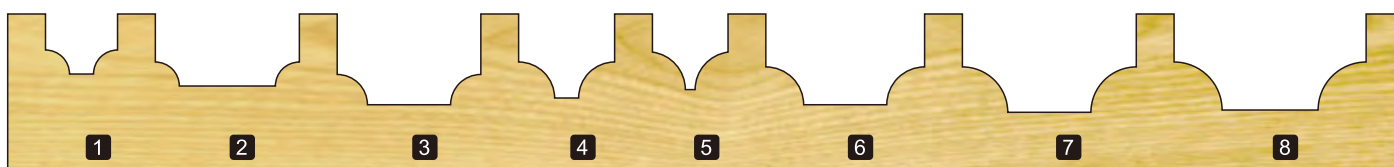


Two flutes beading cutter providing a round over and ovolo cut. Suitable for plunge.



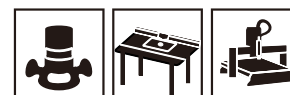
	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.175	9.53	7.94	209611	209811	209211
2	3.175	19.05	9.53	209615	209815	209215
3	4	19	12	209620	209820	209220
4	4.76	12.7	11.11	209621	209821	209221
5	5	10	10	★ 209630	★ 209830	★ 209230
6	5	21	12	209635	209835	209235
7	6	23	13	209640	209840	209240
8	6.35	25.4	12.7	209645	209845	209245
9	8	27	15	209650	209850	209250
10	8	28.6	12.7	209655	209855	209255
11	9.525	31.75	15.9	209660	209860	209260
12	12.7	38.1	19.05	209665	209865	209265
13	15.88	44.45	22.2	209670	209870	209270
14	19.05	50.8	25.4	209675	209875	209275
15	25.4	63.5	33.3	209680	209880	209280

★ One Piece

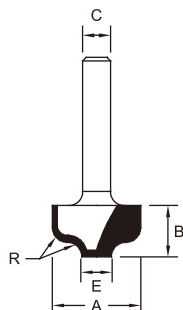
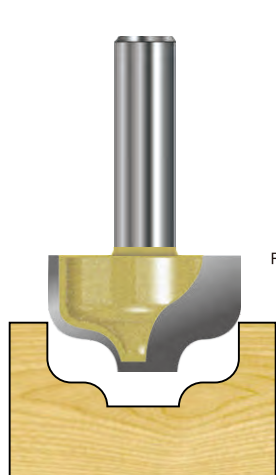


210 Ogee Cutter

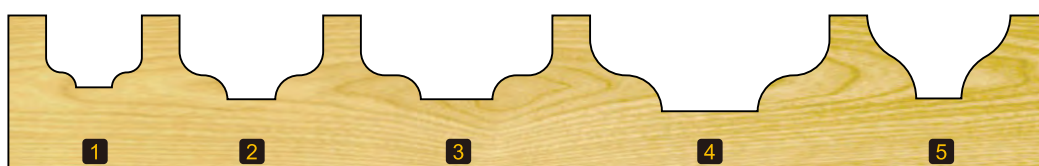
HW/Z2/RH



Two flutes ogee cutter. Suitable for plunge.



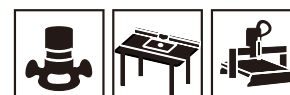
	R mm	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	1.98	12.7	9.5	4.76	210621	210821	210221
2	3.175	19.05	11.11	6.35	210631	210831	210231
3	3.175	25.4	11.11	9.5	210651	210851	210251
4	4.76	31.75	12.7	12.7	210661	210861	210261
5	6.4	19	11	6.35	210671	210871	210271



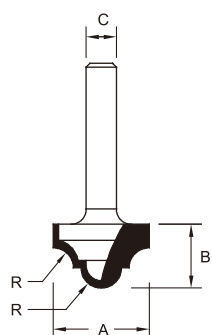
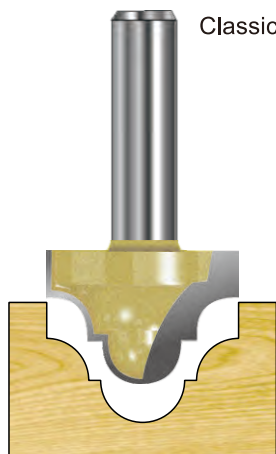
Drawings are 1:1 scale

211 Classic Plunge Cutter Bits

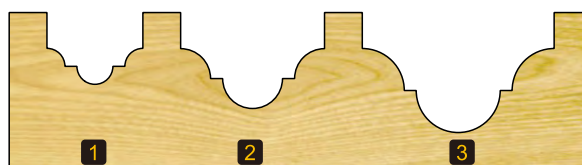
HW/Z2/RH



Classic plunge cutter with two flutes. Profile with radiussed bottom cut. Suitable for plunge.



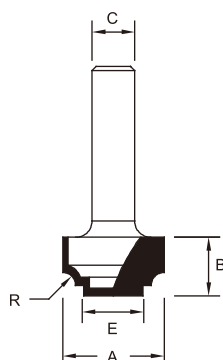
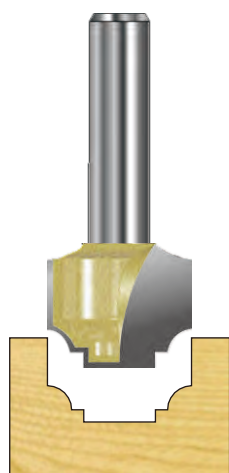
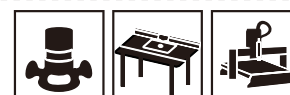
	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	2.38	12.7	9.53	211611	211811	211211
2	3.96	19.05	12.7	211621	211821	211221
3	5.56	25.4	15.9			211231



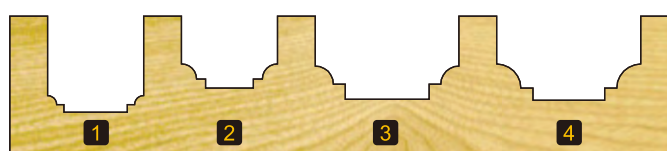
Drawings are 1:1 scale

212 Decorative Ogee Bits

HW/Z2/RH



	R mm	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.
1	1.2	12.7	12.7	8.4	212610	212810
2	1.98	12.7	9.52	8.7	212611	212811
3	2.4	19	11	11.1	212615	212815
4	3.18	19.05	11.11	9.5	212621	212821



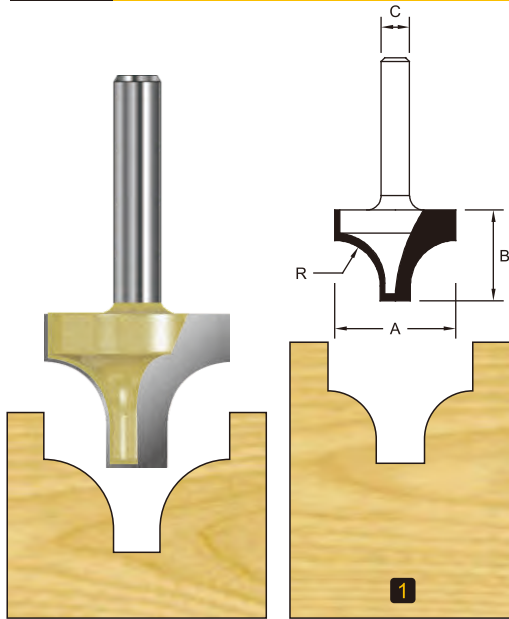
Drawings are 1:1 scale

213 Pierce & Round Over Bit

HW/Z2/RH



Two flutes combination cutters for piercing through then rounding over in the operation.



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	6.35	19.05	15.93	213611	213811	213211
2	9.5	25.4	19.1	213621	213821	213221
3	12.7	34.93	25.45	213631	213831	213231
4	12.7	38.1	28.6	213641	213841	213241

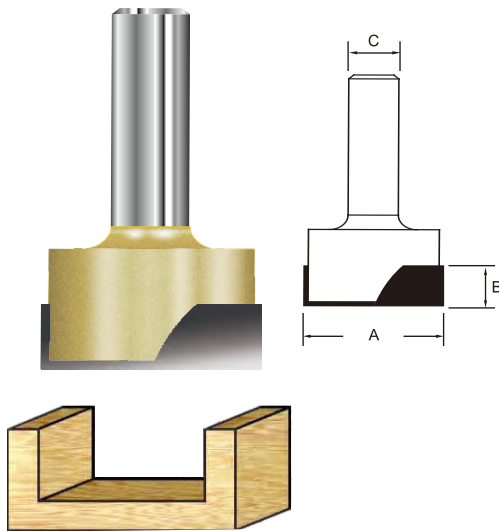
Drawings are 1:1 scale

214 Bottom Cleaning Bit

HW/Z2/RH



Two flutes, carbide tipped.
Often used in stair tread routing.
Overlapped carbide produces a smooth flat bottom cut.
Will level the bottom of a dado cut on all popular wobble blades.



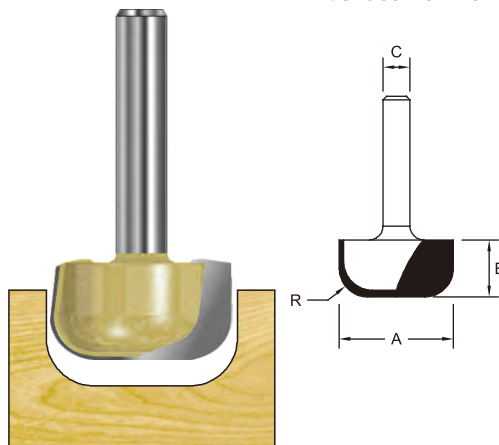
	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	19.05	11.9	214611	214811	214211
2	22.22	11.9	214621	214821	214221
3	25.4	11.9	214631	214831	214231
4	31.8	11.9			214241
5	38.1	11.9			214251

215 Bowl & Tray Bits

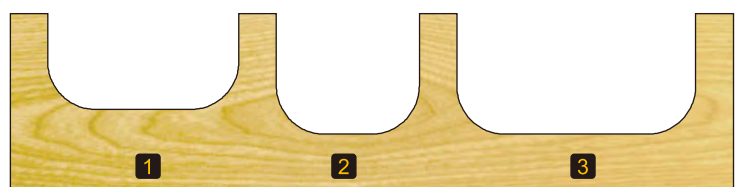
HW/Z2/RH



It's ideal for making bowls, trays, boxes, cutting boards or any other specialty or craft items.

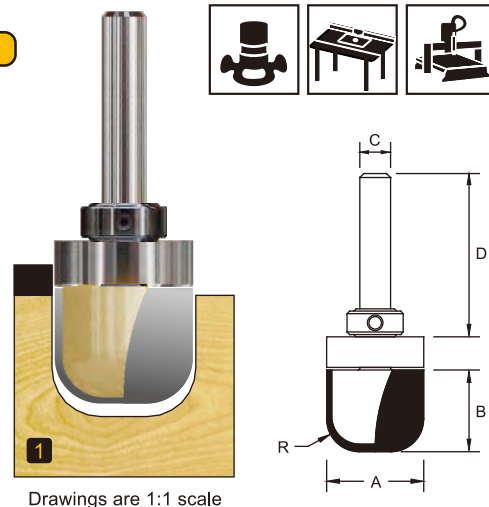


	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	6.35	25.4	12.7	215611	215811	
2	6.4	19	16	215621	215821	
3	6.4	31.7	16			215231

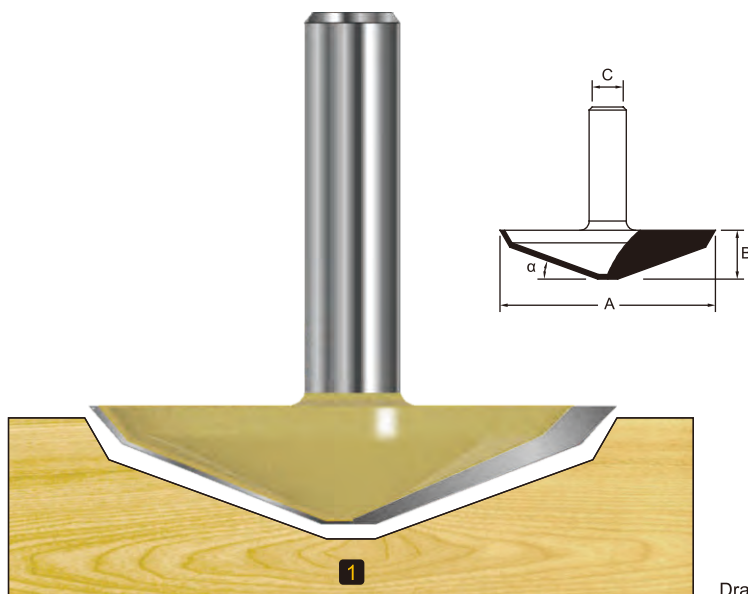


215B Bowl & Tray Bits with Top Bearing **HW/Z2/RH**

	R mm	A mm	B mm	CxD=Ø6x32mm Part No.	CxD=Ø8x32mm Part No.	Bearing No.
1	6.4	19	16	215641B	215841B	706108

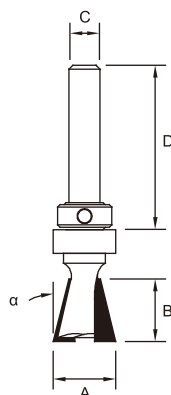
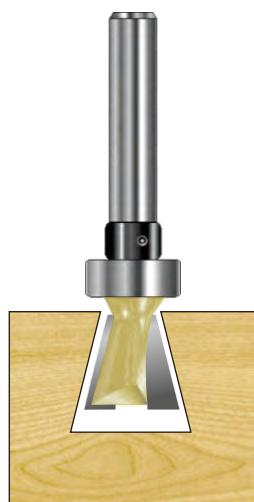


216 Raised Panel Bit-Bevel **HW/Z2/RH**

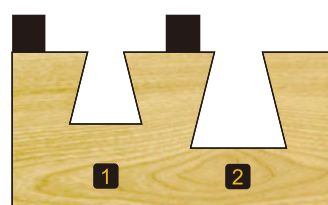


	α	A mm	B mm	C=Ø12x50mm Part No.
1	20°	69.85	15.9	216211

217 Dovetail Cutter TC with Ball Bearing **HW/Z2/RH**



	α	A mm	B mm	CxD=Ø6x32mm Part No.	Bearing No.
1	14°	9.5	9.5	217605	706071
2	14°	12.7	12.7	217611	706061

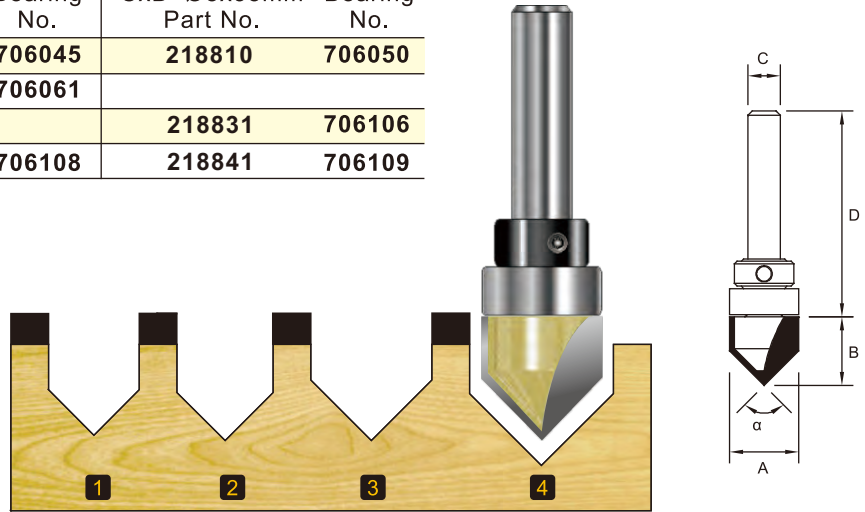


218 Bearing Guided V-Groove HW/Z2/RH



	α	A mm	B mm	CxD=Ø6x38mm Part No.	Bearing No.	CxD=Ø8x38mm Part No.	Bearing No.
1	90°	12	12	218610	706045	218810	706050
2	90°	12.7	12.7	218611	706061		
3	90°	16	12.7			218831	706106
4	90°	19	16	218641	706108	218841	706109

Having all the functions of a "V" grooving cutter but with a bearing set on the shank, having the same diameter as the two blades. Ideal for use with a simple template.

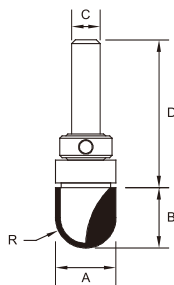


Drawings are 1:1 scale

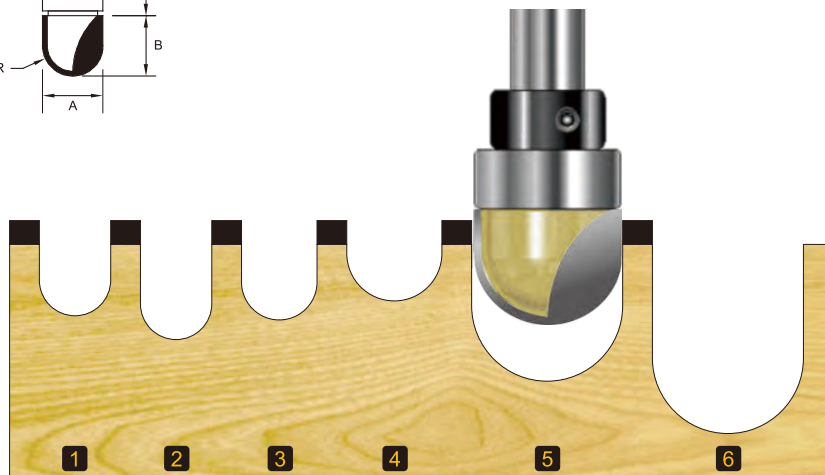
219 Bearing Guided Core Box / Round Nose Cutter HW/Z2/RH



	R mm	A mm	B mm	CxD=Ø6x38mm Part No.	Bearing No.	CxD=Ø8x38mm Part No.	Bearing No.	CxD=Ø12x40mm Part No.	Bearing No.
1	6	12	12	219610	706045	219810	706050		
2	6	12	16	219631	706045	219831	706050		
3	6.35	12.7	12.7	219611	706061				
4	8	16	9.5			219835	706106		
5	12.7	25.4	19					219220	706100
6	12.7	25.4	31.8					219241	706100

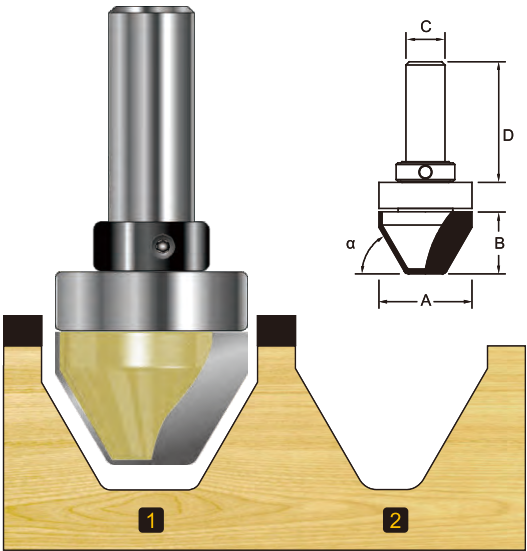


Having all the functions of a core box cutter but with a bearing set on the shank, having the same diameter as the two blades. Ideal for use with a simple template.



Drawings are 1:1 scale

220 60° Lettering Bit HW/Z2/RH



Drawings are 1:1 scale

The ideal bit for routing signs, designed with a 60° curved profile and a flattened bottom to make relief letter-making easy and accurate.

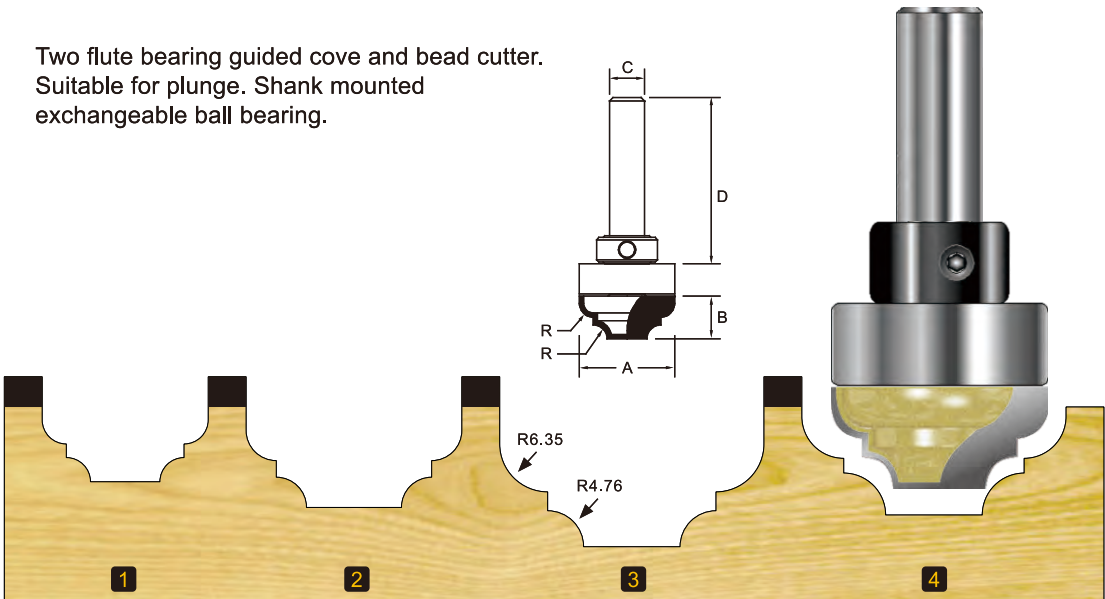
	α	A mm	B mm	CxD=Ø6x40mm Part No.	CxD=Ø12x40mm Part No.	Bearing No.
1	60°	28.6	19	220621	220221	706101
2	60°	25.4	19	220631	220231	706100

221 Bearing Guided Cove & Bead Cutter HW/Z2/RH



	R mm	A mm	B mm	CxD=Ø6x40mm Part No.	Bearing No.	CxD=Ø8x40mm Part No.	Bearing No.	CxD=Ø12x40mm Part No.	Bearing No.
1	3.175	22	9.9	221611	706110	221811	706111	221211	706113
2	4	28.6	13.3			221821	706101	221221	706101
3	4.76+6.35	35	18.5			221825	706123		
4	5.55	35	14.3			221831	706125	221231	706125

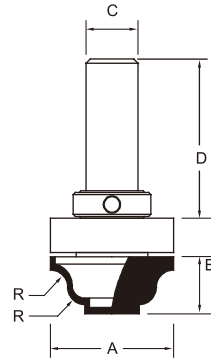
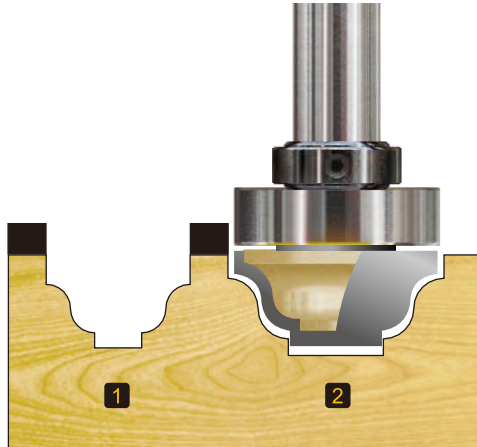
Two flute bearing guided cove and bead cutter. Suitable for plunge. Shank mounted exchangeable ball bearing.



Drawings are 1:1 scale

221A Bearing Guided Classical Bead Cutter

HW/Z2/RH



Drawings are 1:1 scale

	R mm	A mm	B mm	CxD=Ø6x40mm Part No.	Bearing No.
1	3.2	19	12.3	221610A	706108

	R mm	A mm	B mm	CxD=Ø8x40mm Part No.	Bearing No.
2	4	28.6	14.3	221821A	706101

	R mm	A mm	B mm	CxD=Ø12x40mm Part No.	Bearing No.
2	4	28.6	14.3	221221A	706101

222 Bearing Guided Classical Plunge Cutter

HW/Z2/RH

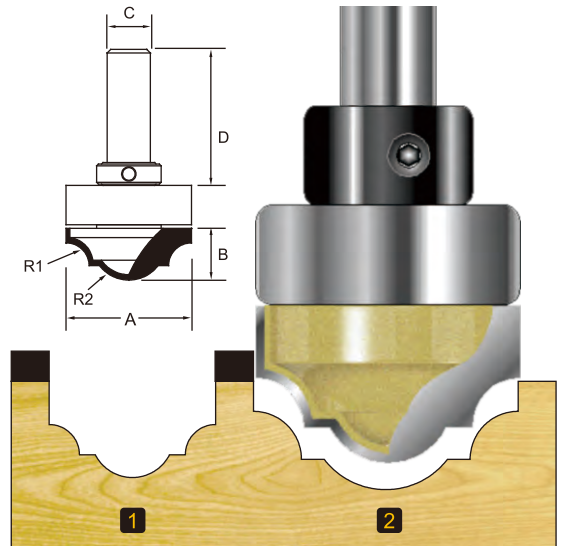


Bearing guided classical plunge cutter with two flutes profile with a radiussed bottom cut. Ideal for use with a simple template.

	A mm	B mm	R1 mm	R2 mm	CxD=Ø6x40mm Part No.	Bearing No.
1	22	12.7	3.97	5.55	222611	706111

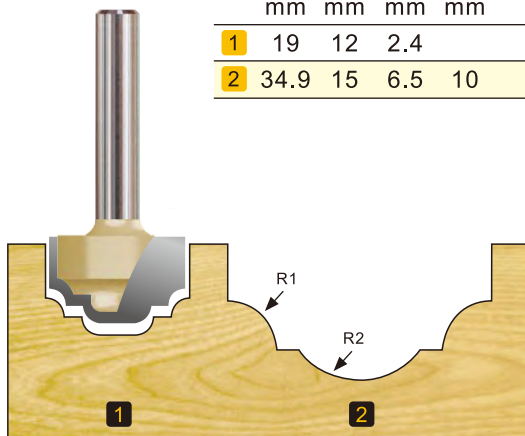
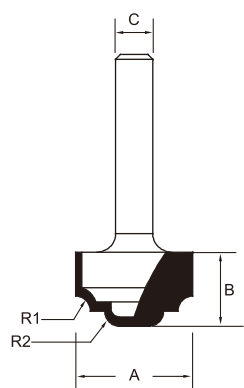
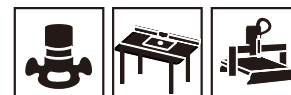
	A mm	B mm	R1 mm	R2 mm	CxD=Ø8x40mm Part No.	Bearing No.
1	22	12.7	3.97	5.55	222811	706111

	A mm	B mm	R1 mm	R2 mm	CxD=Ø12x40mm Part No.	Bearing No.
2	35	14.4	6.35	10.3	222231	706125



Drawings are 1:1 scale

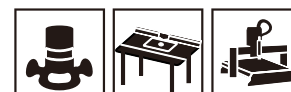
222A Plunge Ogee Bit **HW/Z2/RH**



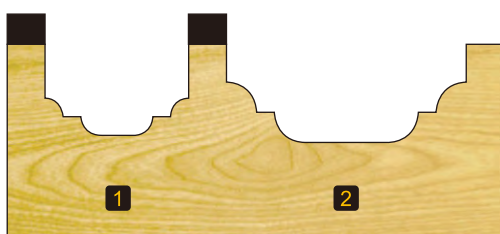
	A mm	B mm	R1 mm	R2 mm	C=Ø 6x40mm Part No.	C=Ø 8x40mm Part No.	C=Ø 12x40mm Part No.
1	19	12	2.4		222610A	222810A	
2	34.9	15	6.5	10			222221A

Drawings are 1:1 scale

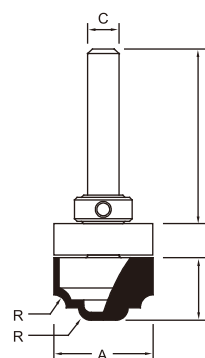
222B Plunge Ogee Bit **HW/Z2/RH**



	A mm	B mm	R mm	CxD=Ø6x40mm Part No.	Bearing No.	CxD=Ø8x40mm Part No.	Bearing No.	CxD=Ø12x40mm Part No.	Bearing No.
1	19	12	2.4	222610B	706108	222810B	706081	222210B	706091
2	31.7	13	4			222811B	706151	222211B	706151



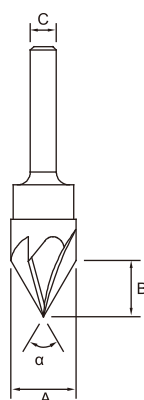
Drawings are 1:1 scale



223 Laser Point Bit (60°) **VHW/Z3/RH**



Drawings are 1:1 scale

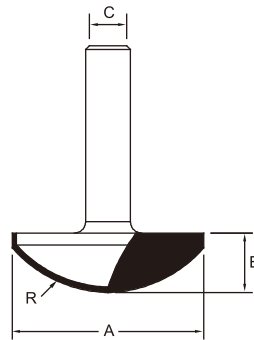
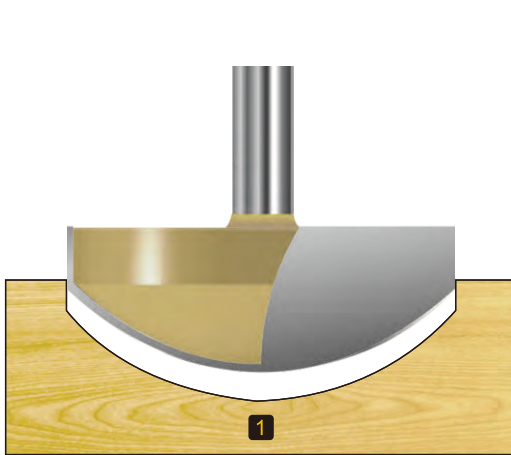


	A mm	B mm	α	C=Ø 6x32mm Part No.	C=Ø 8x32mm Part No.
1	15.1	13.1	60°	223611	223811



224 Horizontal Crown Molding Bit

HW/Z2/RH



	R mm	A mm	B mm	C=Ø 12x50mm Part No.
1	35	51.1	15.9	224251

Drawings are 1:1 scale

225 Point Cutting Roundover Bit

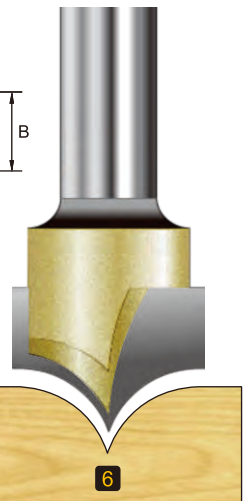
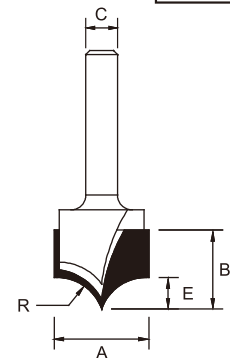
HW/Z2/RH



Two flutes, 1/4" & 1/2" shank
Used for decorative grooving.

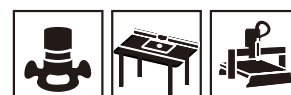
Also recommended for edge forming with a router guide.

	A mm	B mm	E mm	R mm	C=Ø6x32mm Part No.	C=Ø 8x32mm Part No.	C=Ø12x40mm Part No.
1	3.175	5.8	1.2	1.5875	225611	225811	
2	6.35	9.53	2.38	3.175	225621	225821	
3	9.53	9.53	3.175	4.765	225631	225831	
4	12.7	9.53	4.36	6.35	225641	225841	
5	19.05	15.88	6.35	9.52	225651	225851	225251
6	25.4	19.05	8.73	12.7		225861	225261

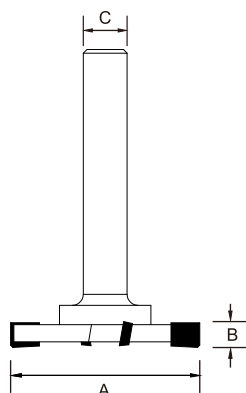


Drawings are 1:1 scale

228 Timmer HW/Z6/RH

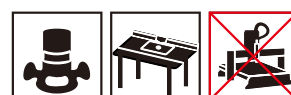


	A mm	B mm	C=Ø8mm Part No.	C=Ø12mm Part No.
1	51.5	6.7	228801	228201



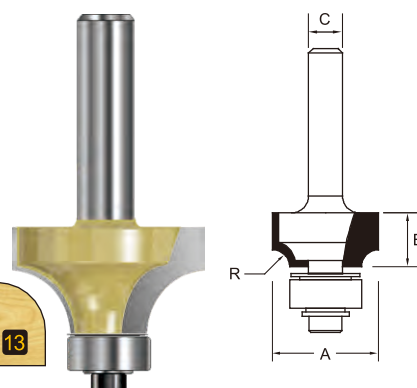
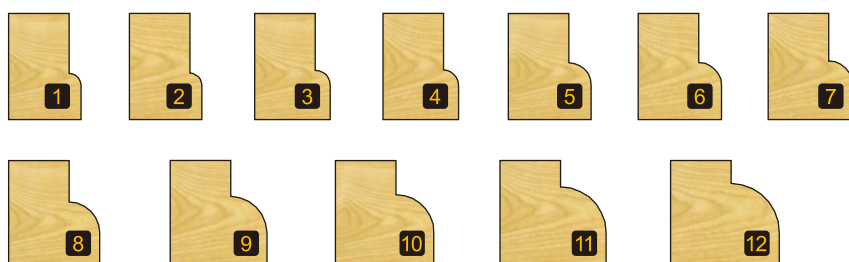
Drawings are 1:1 scale

301 Rounding Over Cutter with Ball Bearing HW/Z2/RH



Two flute, carbide tipped with totally enclosed ball bearing guides. Ideal for decorative edges. Smooth rounded edges produced. Lower depth setting will produce a decorative bead. Also used for drop leaf table joints, molding, etc.

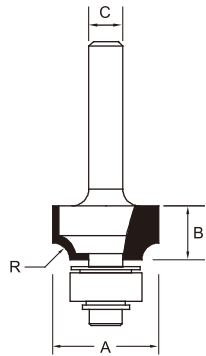
• Please use only on router table.



Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø 6x32mm Part No.	C=Ø 8x32mm Part No.	C=Ø 12x40mm Part No.	Bearing No.
1	1.6	15.9	9.5	301606	301806	301206	706051
2	1.6	15.9	12.7	301608	301808	301208	706051
3	2	16.7	9.5	301609	301809	301209	706051
4	2	16.7	12.7	301604	301804	301204	706051
5	3	18.7	9.5	301610	301810	301210	706051
6	3	18.7	12.7	301612	301812	301212	706051
7	3.18	19.1	12.7	301614	301814	301214	706051
8	4	20.7	9.5	301620	301820	301220	706051
9	4.76	22.2	12.7	301623	301823	301223	706051
10	5	22.7	9.5	301625	301825	301225	706051
11	6	24.7	12.7	301626	301826	301226	706051
12	6.35	22.22	13.5	301630	301830	301230	706031
13	6.35	25.4	11.11	301631	301831	301231	706051

301 Rounding Over Cutter with Ball Bearing **HW/Z2/RH**



	R mm	A mm	B mm	C=Ø 6x32mm Part No.	C=Ø 8x32mm Part No.	C=Ø 12x40mm Part No.	C=Ø 12x45mm Part No.	Bearing No.
14	6.35	25.4	12.7	301633	301833	301233		706051
15	8	28.6	12.7	301643	301843	301243		706051
16	9.53	31.75	15.88	301651	301851	301251		706051
17	10	32.7	16	301653	301853	301253		706051
18	12	36.7	19	301659	301859	301259		706051
19	12.7	38.1	19.05	301661	301861	301261		706051
20	16	44.7	22	301673	301873	301273		706051
21	19.05	50.8	25.4			301281		706051
22	22.2	57.1	28.6			301291		706051
★ 23	25.4	63.5	31.8				*301293	706051
★ 24	28.6	69.9	34.9				*301295	706051
★ 25	31.75	76.2	38.1				*301297	706051
★ 26	34.93	82.55	41.2				*301298	706051
★ 27	38.1	88.9	44.45				*301299	706051

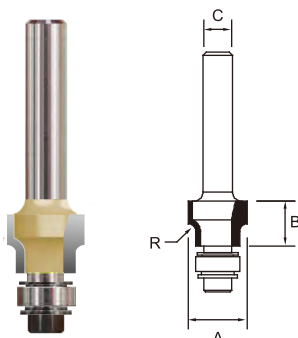
★ Use in a table mounted router.
Not for use in a handheld router!

*Shank length 45mm

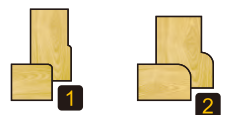


Drawings are 1:1 scale

301A File-Free Flush Trim Bit for Laminate **HW/Z2/RH**



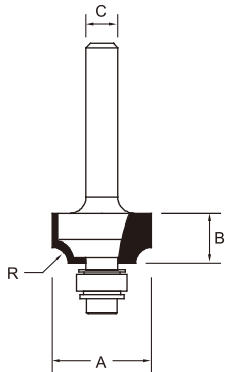
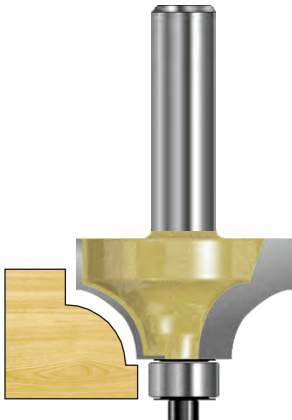
	A mm	B mm	R mm	C=Ø8x32mm Part No.	Bearing No.
1	12.7	9.5	0.4	301011A	706031
2	12.7	9.5	1.6	301021A	706031



Drawings are 1:1 scale



302 Beading Cutter with Ball Bearing HW/Z2/RH



Two flute beading cutter with ovolo profile made with an exchangeable bearing 9.5mm. Also used for decorative edges, such as moldings, chair rails, drawer fronts, casement work, and paneling.

• Please use only on router table.

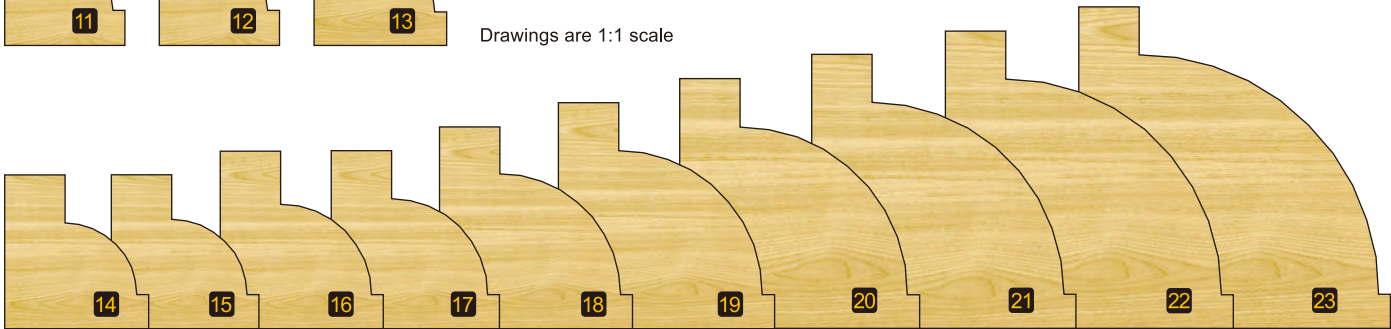
	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	C=Ø12x45mm Part No.	Bearing No.
1	1.6	15.9	12.7	302608	302808			706031
2	2	16.7	9.5	302609		302209		706031
3	3	18.7	9.5	302610		302210		706031
4	3	18.7	12.7		302812			706031
5	3.18	19.1	12.7	302614	302814			706031
6	4	20.7	9.5	302620		302220		706031
7	4.76	22.22	9.5	302621	302821	302221		706031
8	4.76	22.2	12.7	302623	302823			706031
9	5	22.7	9.5	302625		302225		706031
10	6	24.7	12.7	302626	302826	302226		706031
11	6.35	25.4	11.11	302631	302831	302231		706031
12	6.35	25.4	12.7	302633	302833	302233		706031
13	8	28.6	12.7	302643	302843	302243		706031
14	9.53	31.75	15.88		302851	302251		706031
15	10	32.7	16	302653	302853	302253		706031
16	12	36.7	19	302659	302859	302259		706031
17	12.7	38.1	19.05	302661	302861	302261		706031
18	16	44.7	22.2	302673	302873	302273		706031
19	19.05	50.8	25.4				302281	706031
20	22.2	57.2	28.6				302291	706031
★ 21	25.4	63.5	31.8				*302293	706031
★ 22	28.6	69.9	34.9				*302295	706031
★ 23	31.75	76.2	38.1				*302297	706031

★ Use in a table mounted router.
Not for use in a handheld router!

* Shank length 45mm



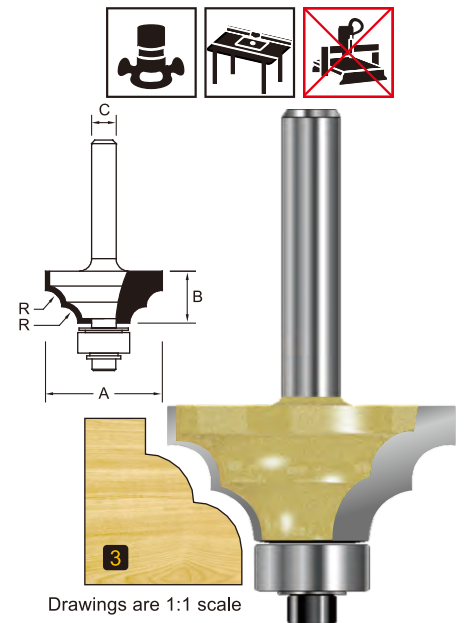
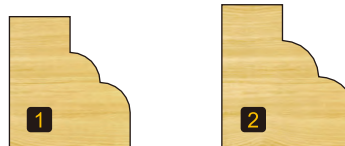
Drawings are 1:1 scale



303 Double Round Cutter with Ball Bearing HW/Z2/RH

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.97	28.6	12.7	303611	303811	303211	706051
2	4.76	31.8	14.28	303621	303821	303221	706051
3	6.35	38.1	17.46	303631	303831	303231	706051

Two flute double round cutter with exchangeable bearing. Two identical radii in one cutter produce a double convex radius profile. Use for decorative edges on moldings, picture frames, etc.

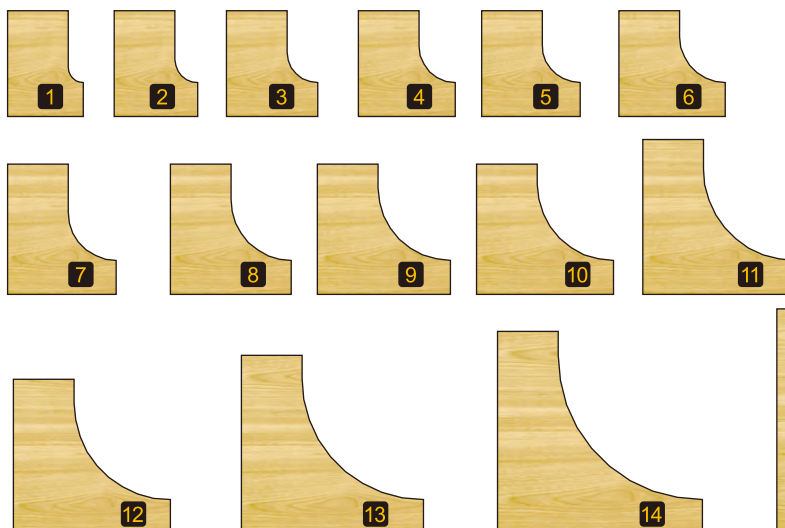


Drawings are 1:1 scale

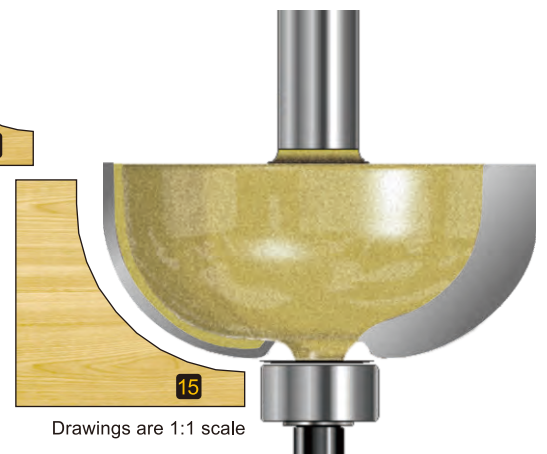
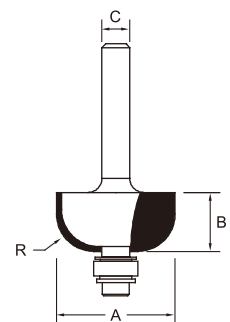
305 Cove Cutter with Ball Bearing HW/Z2/RH

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	2	13.5	9.5	305609	305809	305209	706031
2	3	15.5	9.5	305610	305810	305210	706031
3	4	17.5	9.5	305614	305814	305214	706031
4	4.75	22.2	12.7	305615	305815	305215	706051
5	5	19.5	9.5	305619	305819	305219	706031
6	6	21.5	9.5	305620	305820	305220	706031
7	6.35	22.2	12.7	305623	305823	305223	706031
8	8	25.5	12.7	305628	305828	305228	706031
9	9.5	28.6	12.7	305631	305831	305231	706031
10	10	29.5	12.7	305635	305835	305235	706031
11	12	33.5	16	305638	305838	305238	706031
12	12.7	34.93	15.88	305641	305841	305241	706031
13	16	41.5	19.05		305853	305253	706031
14	19.05	47.6	22.2			305261	706031
15	22.2	57.14	25.4			★ 305271	★ 706051

★ Please use only on router table.



Two flute cove cutter with an exchangeable bearing 9.5mm. Ideal for decorative edges. Also used for dropleaf table joints, moldings and more.



Drawings are 1:1 scale

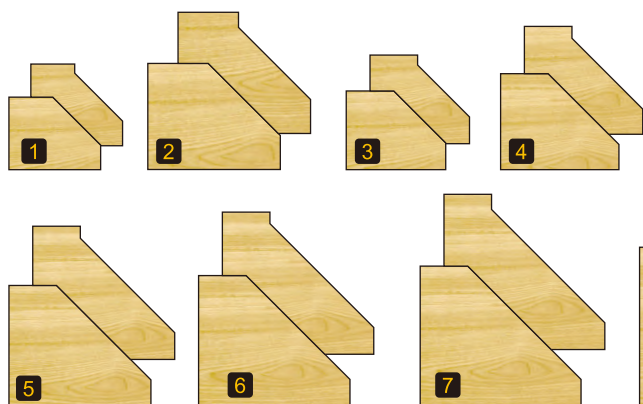
306 Chamfer Cutter 45° with Ball Bearing HW/Z2/RH



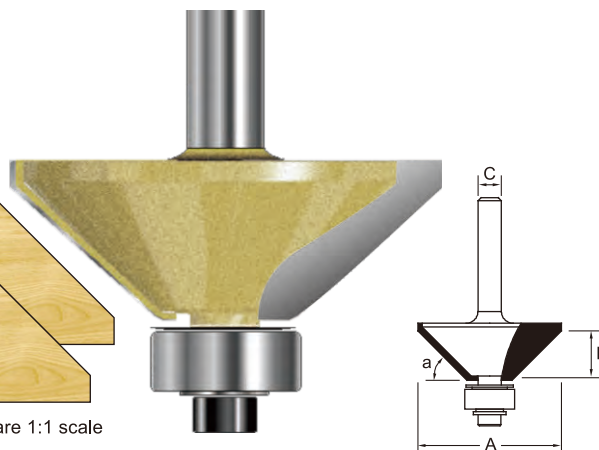
Two flute, carbide tipped with exchangeable ball bearing. Ideal for beveling and decorative edges. Also used for producing a 45° edge for mitres.

	α	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	45°	25.4	6.35	306611	306811	306211	706051
2	45°	28.6	9.53	306615	306815	306215	706031
3	45°	30.16	8.73	306621	306821	306221	706051
4	45°	36.5	11.9	306631	306831	306231	706051
5	45°	44.5	15.88			306251	706051
6	45°	47.6	17.46			306261	706051
7	45°	50.8	19.05			★ 306263	★ 706051
8	45°	57.15	22.2			★ 306271	★ 706051

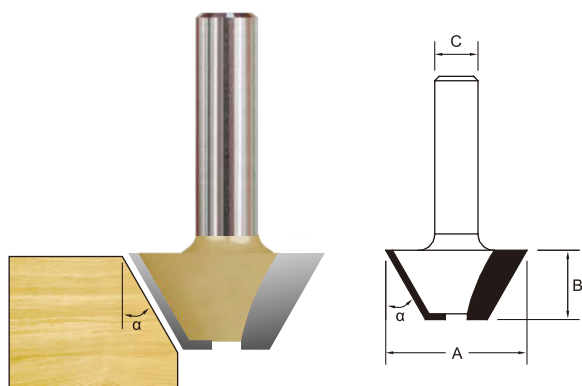
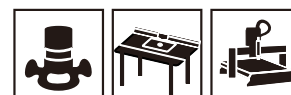
★ Please use only on router table.



Drawings are 1:1 scale



306A Chamfer Cutter Without Bearing HW/Z2/RH



	α	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.
1	15°	24	14	306611A	306811A
2	30°	26	12.7	306621A	306821A
3	45°	25	8	306631A	306831A



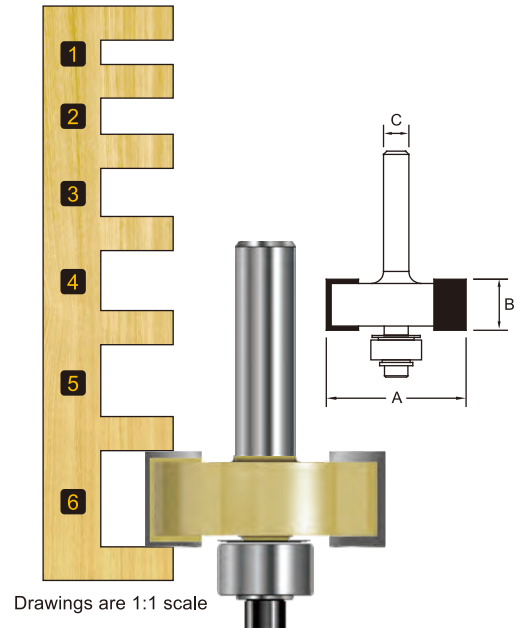
Drawings are 1:1 scale

307 T-SLOT HW/Z2/RH



Two flute, carbide tipped with totally enclosed ball bearing guide. Use for shiplap joints, tongue & groove joints, T-moldings, rabbeting, etc.

	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	31.8	3.18	307611	307811	307211	706051
2	31.8	4.76	307621	307821	307221	706051
3	31.8	6.35	307631	307831	307231	706051
4	31.8	7.94	307641	307841	307241	706051
5	31.8	9.5	307651	307851	307251	706051
6	31.8	12.7	307661	307861	307261	706051



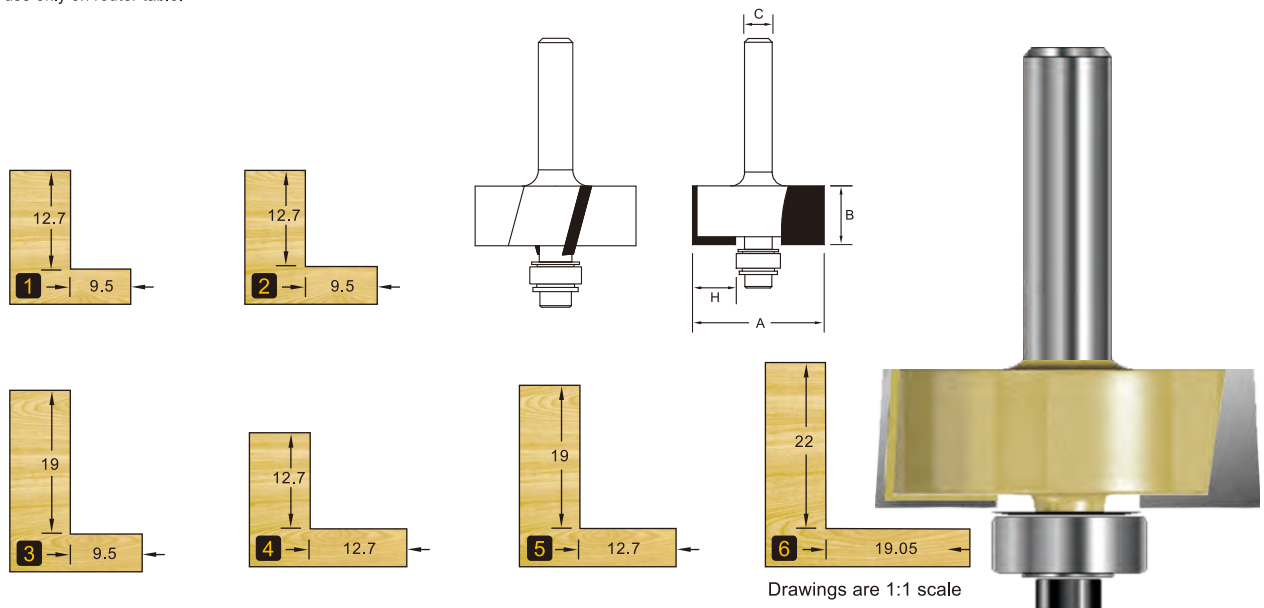
307A Rabbeting Bits with Shear Angle HW/Z2/RH



	H mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	9.5	28.6	12.7	307610A			706031
2	9.5	31.7	12.7	307611A	307811A	307211A	706051
3	9.5	31.7	19	307621A	307821A	307221A	706051
4	12.7	34.9	12.7	307631A	307831A	307231A	706031
5	12.7	34.9	19			307241A	706031
6	19.05	50.8	22		★ 307251A	★ 706061	

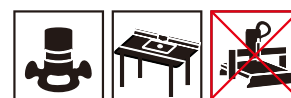
★ Please use only on router table.

Two flute, carbide tipped with exchangeable bearing guide. Use for cutting rabbets, tongue and groove joints and shiplap joints.

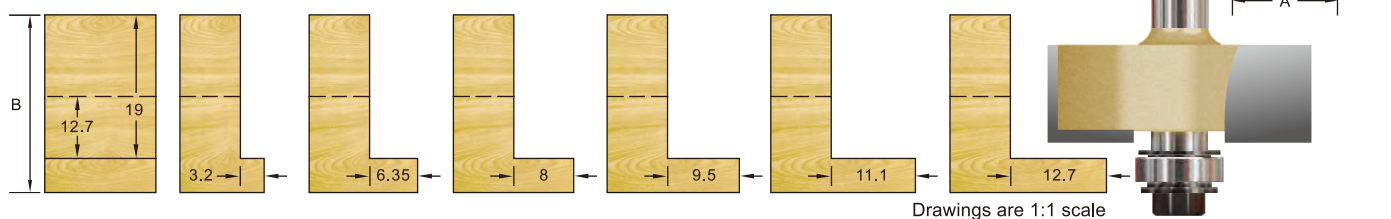


307B Rabbeting bits with Set Of Ball Bearings

HW/Z2/RH

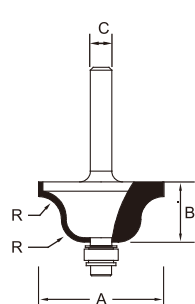
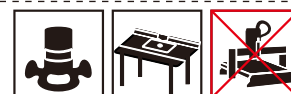


	H mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	0-12.7	34.9	12.7	307611B	307811B	307211B	706031 706094 706051 706099 706069 706105 706079
2	0-12.7	34.9	19			307221B	706031 706094 706051 706099 706069 706105 706079



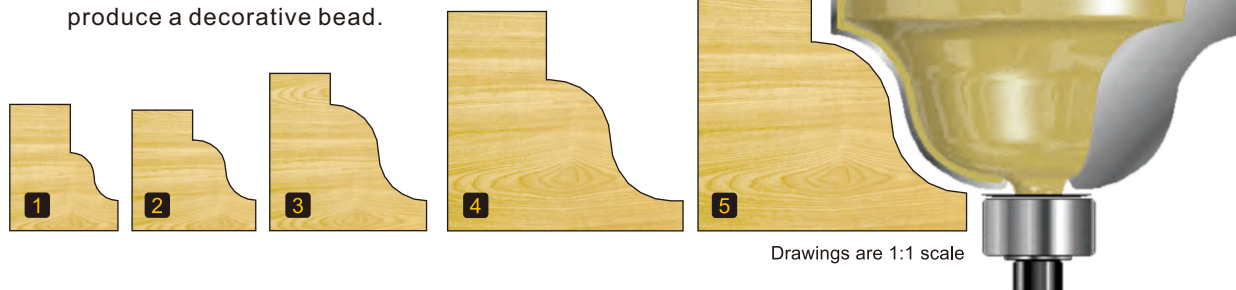
308 Roman Ogee Cutter with Ball Bearing

HW/Z2/RH



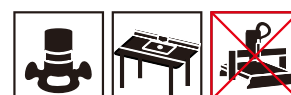
	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	22.2	12.7	308610	308810	308210	706031
2	3.97	27	11.9	308611	308811	308211	706031
3	6.35	34.9	16.8	308621	308821	308221	706031
4	8	43	25	308641	308841	308241	706042
5	10	51	32			308261	706042

Two flute, carbide tipped with exchangeable bearing guide. For decorative edges on moldings, signs, plaques, furniture, etc. Lowering the depth of cut will produce a decorative bead.



309 Ogee Cutter with Ball Bearing

HW/Z2/RH

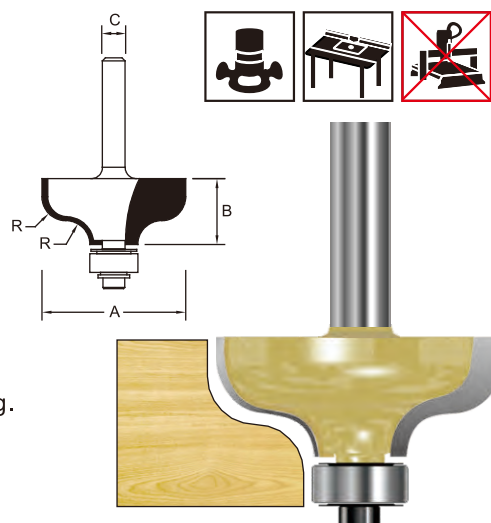


	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4	28.7	13	309610	309810	309210	706051
2	4.76	31.8	12.7	309611	309811	309211	706051
3	6.35	38.1	17.5	309621	309821	309221	706051

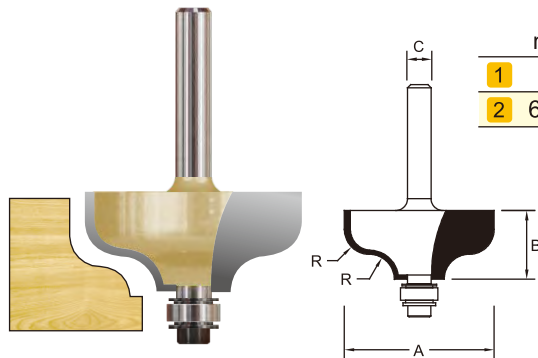


Two flute ogee cutter with exchangeable ball bearing.

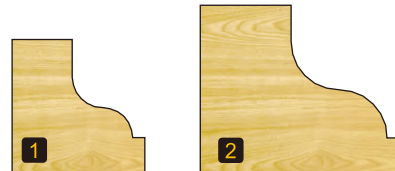
Drawings are 1:1 scale



309A Ogee Cutter with Ball Bearing HW/Z2/RH



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4	28.7	13	309610A	309810A	309210A	706031
2	6.35	38.1	18	309621A	309821A	309221A	706031

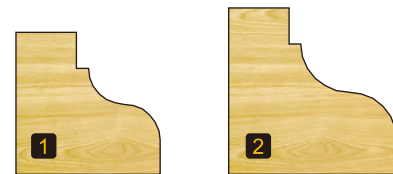
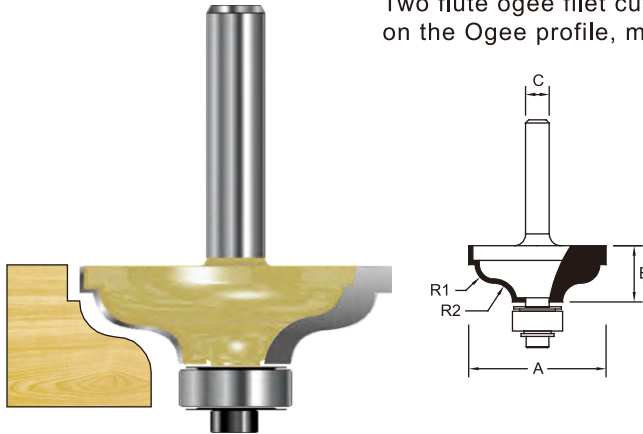


Drawings are 1:1 scale

310 Ogee Filet Cutter with Ball Bearing HW/Z2/RH



Two flute ogee filet cutter with exchangeable bearing. A variation on the Ogee profile, more clearly defining the top edge with a step.



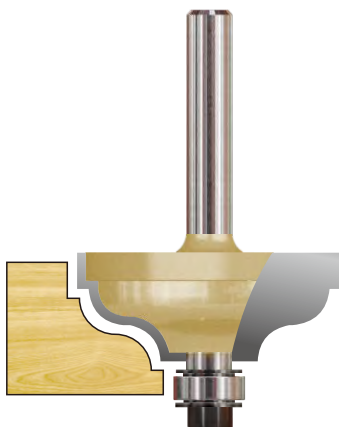
Drawings are 1:1 scale

	R1 mm	R2 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4.76	4.76	34.92	14.3	310611	310811	310211	706051
2	6.35	6.35	41.28	17.5	310621	310821	310221	706051

310A Ogee Filet Cutter with Ball Bearing HW/Z2/RH



Two flute ogee filet cutter with exchangeable bearing. A variation on the Ogee profile, more clearly defining the top edge with a step.



	R1 mm	R2 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4.76	4.76	34.92	14.3	310611A	310811A	310211A	706031



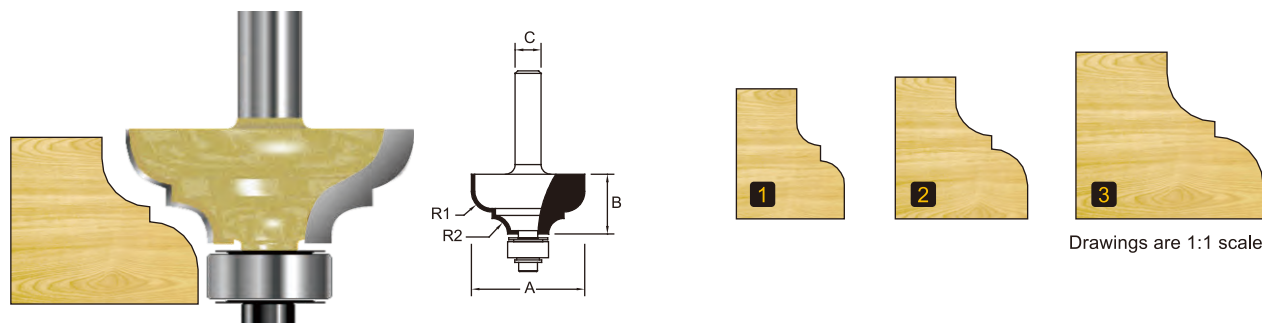
Drawings are 1:1 scale

311 Classical Ogee Cutter with Ø12.7mm Ball Bearing

HW/Z2/RH



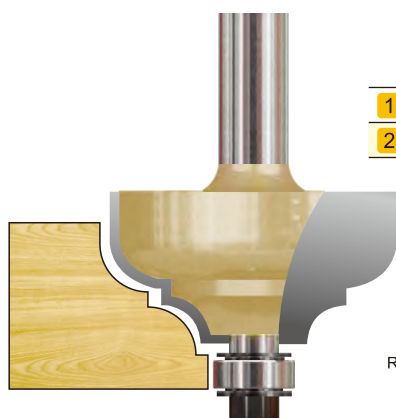
Two flute classic ogee cutter with exchangeable bearing. The more complex of the ogee profiles. Flexible use. Very decorative for the more detailed cabinet work particularly restoration.



	R1 mm	R2 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	3.175	25.4	12.7	311611	311811	311211	706051
2	4.76	4.76	31.75	14.3	311621	311821	311221	706051
3	6.35	6.35	38.1	17.5	311631	311831	311231	706051

311A Classical Ogee Cutter with Ø9.5mm Ball Bearing

HW/Z2/RH



	R1 mm	R2 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	3.175	25.4	12.7	311611A	311811A	311211A	706031
2	6.35	6.35	38.1	17.5	311631A	311831A	311231A	706031

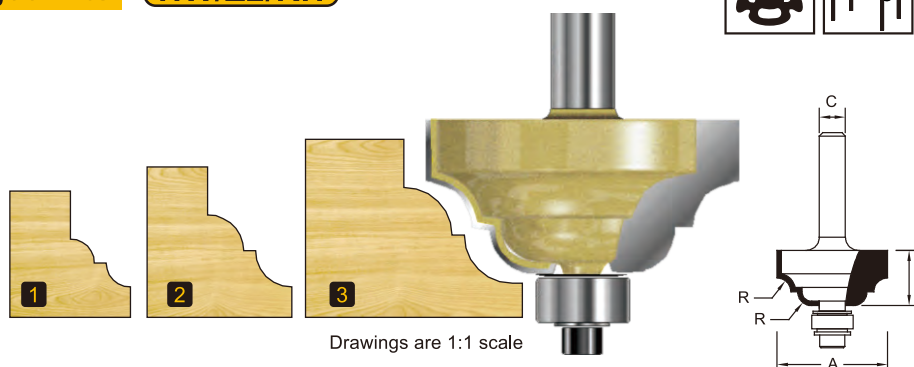
Drawings are 1:1 scale

312 Classic Roman Ogee Bits

HW/Z2/RH



Two Flute classic roman ogee cutter with exchangeable bearing and two identical radii. The definitive pattern in perfect balance.



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	25.4	12.7	312611	312811	312211	706031
2	4.76	31.75	15.88	312621	312821	312221	706031
3	6.35	38.1	19.05	312631	312831	312231	706031

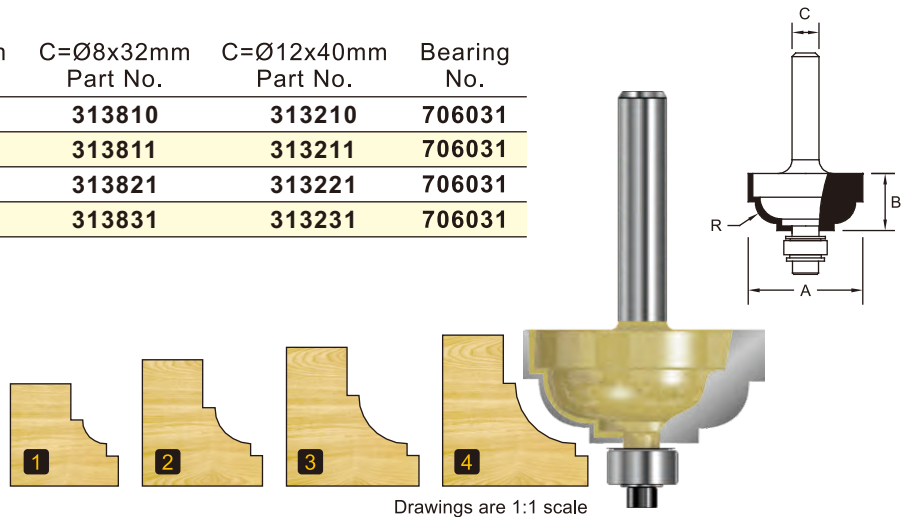
313 Cavetto Edge Mold Bits

HW/Z2/RH



	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	22.22	9.53	313610	313810	313210	706031
2	4.76	25.4	12.7	313611	313811	313211	706031
3	6.35	28.6	14.3	313621	313821	313221	706031
4	7.94	31.8	15.9	313631	313831	313231	706031

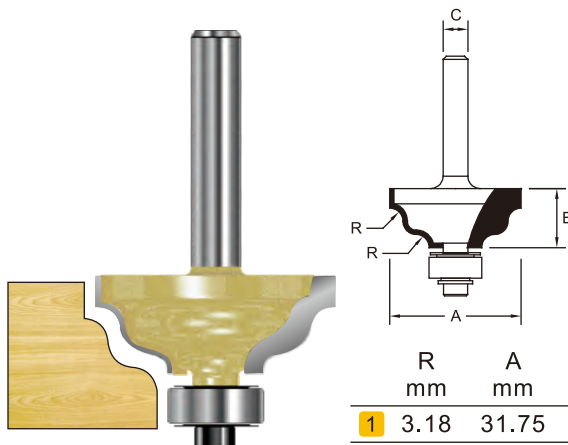
Two flute cavetto cutter with
exchangeable bearing.
Step and concave radius.



Drawings are 1:1 scale

314 Wavy Mold Bits

HW/Z2/RH



Two flute cutters with 1/2" guide
bearing to produce an unusual
and decorative edge mold.

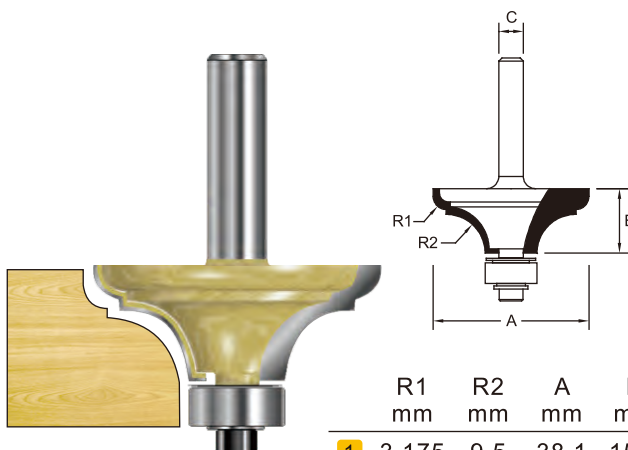


Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.18	31.75	14.28	314611	314811	314211	706051

315 French Traditional Table Cutter TC with Ball Bearing

HW/Z2/RH

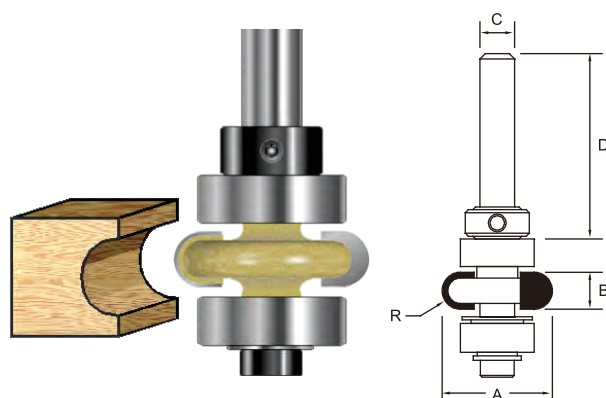


Two flute french traditional table
cutter with exchangeable
bearing. Traditional table edge
moulding in the ogee style.



Drawings are 1:1 scale

	R1 mm	R2 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	9.5	38.1	15.9	315611	315811	315211	706051

317 Edge-Fluting Bits with Extra Bearing Mounted
HW/Z2/RH


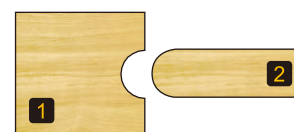
Drawings are 1:1 scale

	R mm	A mm	B mm	CxD=Ø6x32mm Part No.	Bearing No.
1	3.175	22.23	6.35	317611	706071
2	4	23.88	8	317620	706071
3	5	25.88	10	317630	706071

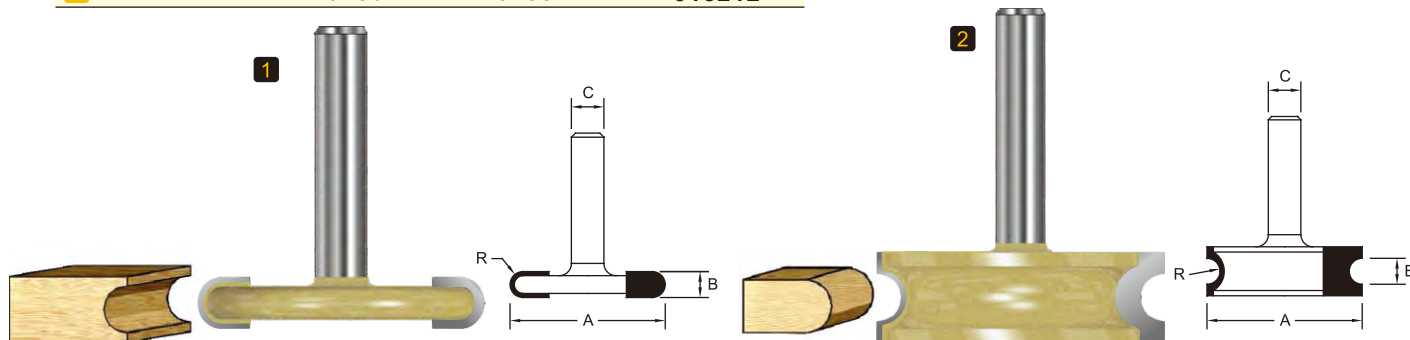
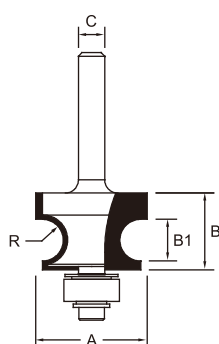
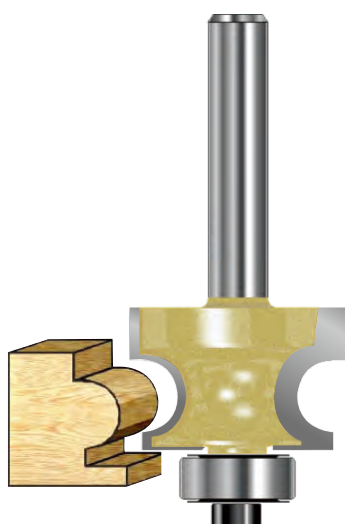
318 Flute & Bead Set
HW/Z2/RH


Two flute radius sunk bead cutter to produce door-handles in furniture and kitchen doors. Can be use together with a "staff bead cutter convex" to produce shutters.

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.18	38.1	6.35	318611	318811	318211
2	3.18	38.1	6.35	318612	318812	318212



Drawings are 1:1 scale

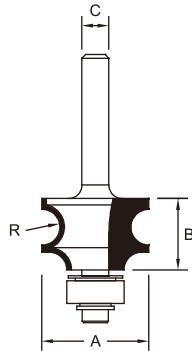
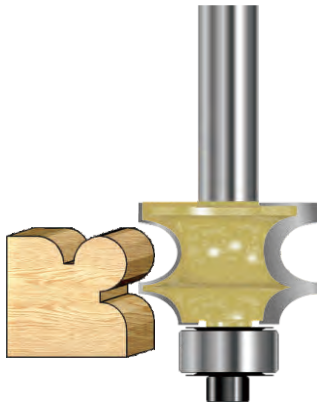

319 Corner Beading Bits
HW/Z2/RH


Drawings are 1:1 scale

	R mm	A mm	B mm	B1 mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.175	22.22	14.3	6.35	319621	319821	319221	706051
2	4.76	25.4	17.5	9.52	319641	319841	319241	706051
3	6.35	28.6	19.05	12.7	319651	319851	319251	706051

320 Corner Bead Bits

HW/Z2/RH



Two flute cutters with 1/2" guide bearing to cut a large radius edge or corner bead.



Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.97	23.81	15.88	320611	320811	320211	706051

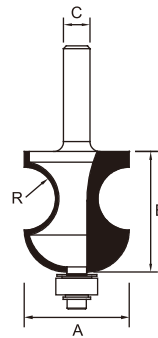
321 Bead & Cove Bits

HW/Z2/RH



Two flute cutters with 1/2" guide bearing to cut a large bead combined with a cove.

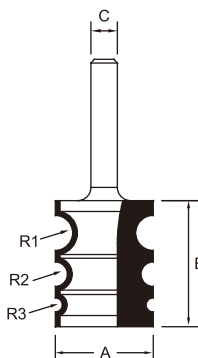
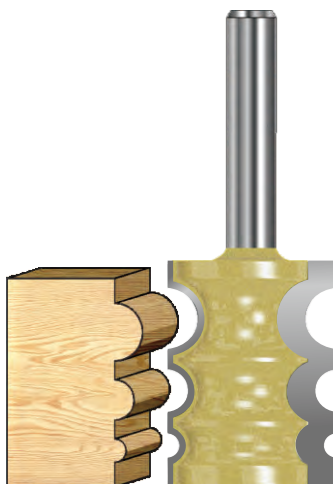
	R mm	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	9.53	31.8	36.5	321811	321211	706051



Drawings are 1:1 scale

322 Multi Bead Bits

HW/Z2/RH



Two flute cutters to produce three beads of different sizes.

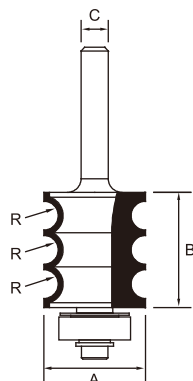
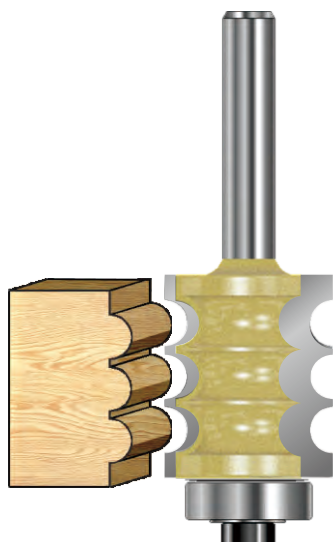


Drawings are 1:1 scale

	R1 mm	R2 mm	R3 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.97	2.78	1.59	22.2	28.6	322611	322811	322211

323 Multi Reed Bits

HW/Z2/RH



Triple bead bit with a convexed radius for cutting one, two or three beads in a single pass.

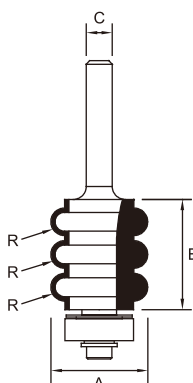
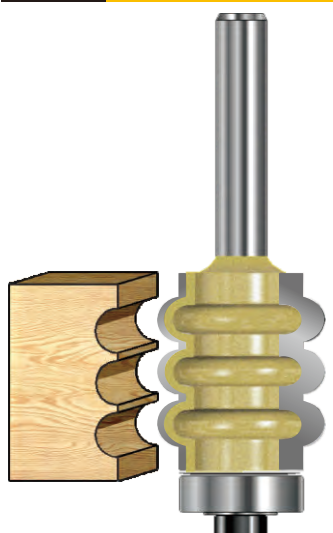


Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.18	22.2	25.4	323611	323811	323211	706071

324 Triple Flute Bit TC, Concave, with Ball Bearing

HW/Z2/RH



Triple flute bit with a concaved radius for cutting one, two or three beads in a single pass.

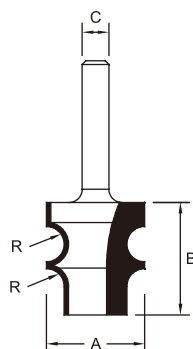
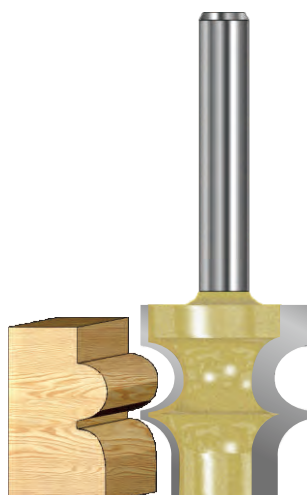


Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.18	22.35	25.4	324611	324811	324211	706071

326 Taper Reed Bits

HW/Z2/RH



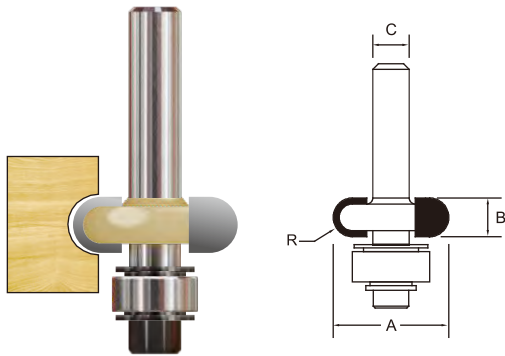
Two flute cutters with double equal radii to cut beads on tapered chair legs.



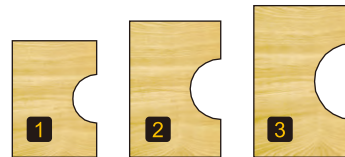
Drawings are 1:1 scale

	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.97	22.2	25.4	326611	326811	326211

328A Edge-Fluting Bits **HW/Z2/RH**



	R mm	A mm	B mm	C=Ø6x32mm Part No.	Bearing No.
1	3.2	19.05	6.4	328611A	706051
2	4	20.7	8	328621A	706051
3	5	22.7	10	328631A	706051

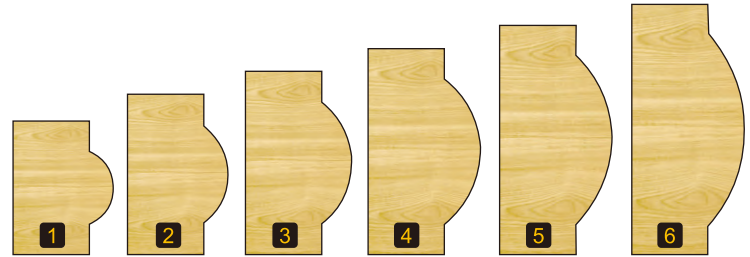
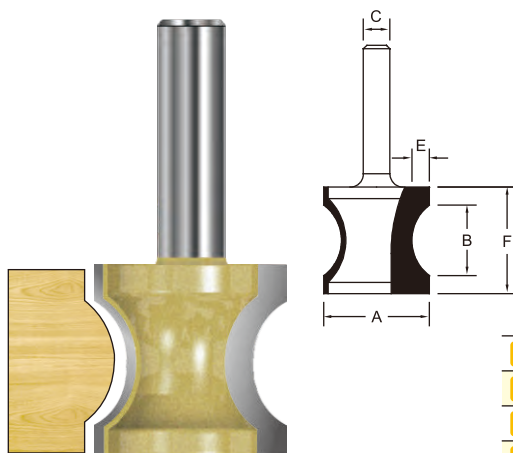


Drawings are 1:1 scale

329 Sunk Bead Bits **HW/Z2/RH**



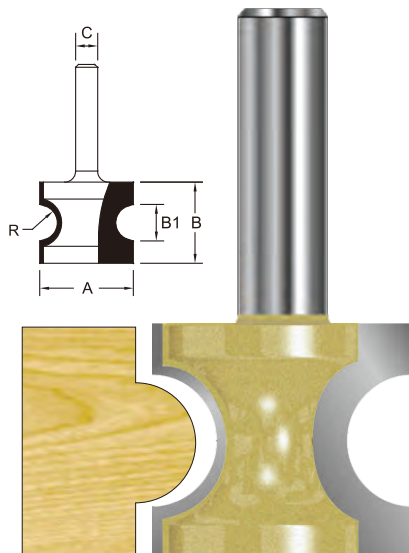
Two flute cutters for producing a shallow edge molding or bead.



Drawings are 1:1 scale

	E mm	A mm	B mm	F mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.18	22.2	9.5	17.5	329608	329808	
2	3.18	22.2	12.7	21	329611	329811	329211
3	3.97	23.8	15.9	24	329621	329821	329221
4	4.76	25.4	19	27	329631	329831	329231
5	4.76	25.4	22.2	30			329241
6	4.76	25.4	25.4	33.5			329251

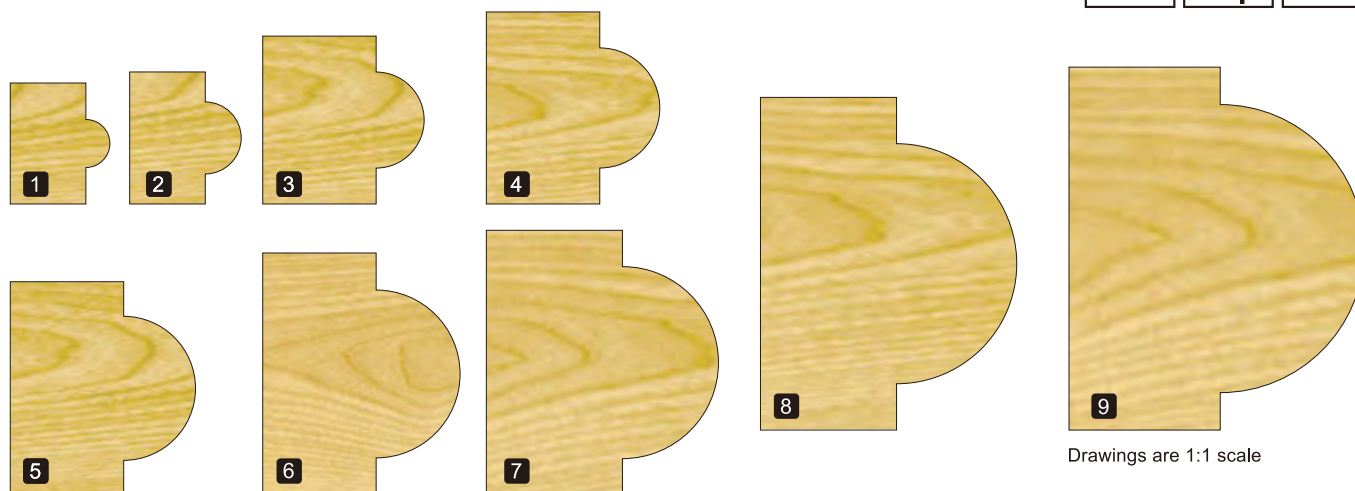
330 Bead and Bull Nose Bit **HW/Z2/RH**



For cutting stair treads, window sills and shelves in one clean cut.

	R mm	A mm	B mm	B1 mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.175	19	15.9	6.35	330611	330811	330211
2	4.76	22.2	17.46	9.52	330621	330821	330221
3	6.35	25.4	22.2	12.7	330631	330831	330231
4	7.94	31.8	25.4	15.88			330241
5	9.525	34.9	27.78	19.05			330251
6	11.11	38.1	30.95	22.22			330261
7	12.7	41.3	34.13	25.4			330271
8	15.9	47.7	44.45	31.8			330281
9	19.05	54	47.6	38.1			330291

330 Bead and Bull Nose Bit HW/Z2/RH



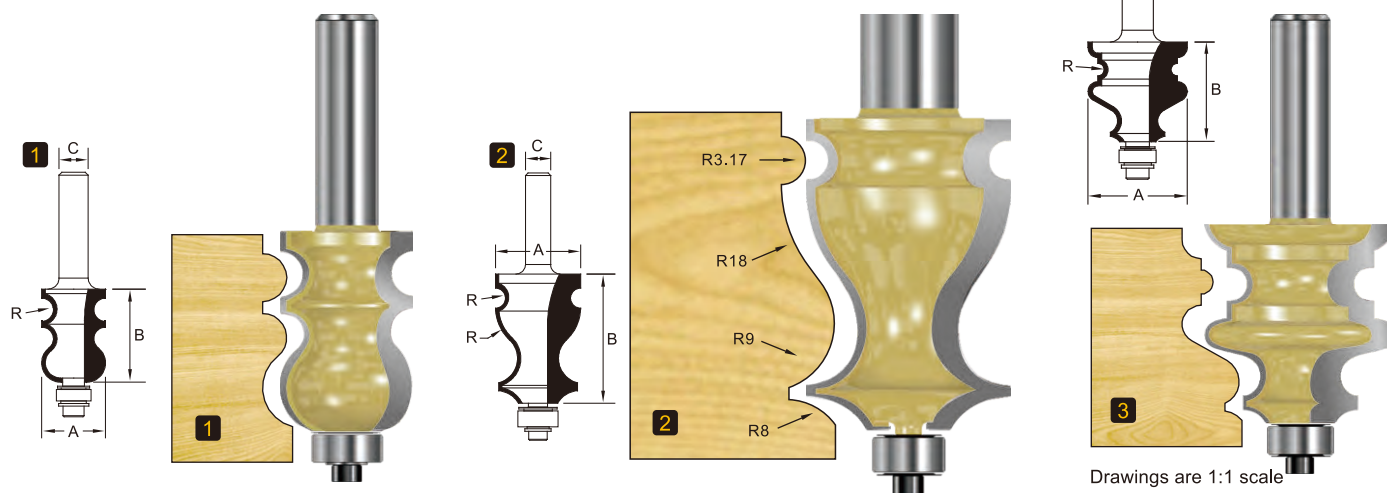
Drawings are 1:1 scale

351 Decorative Moulding Cutter with Ball Bearing HW/Z2/RH



Two flute decorative moulding cutter with exchangeable bearing.

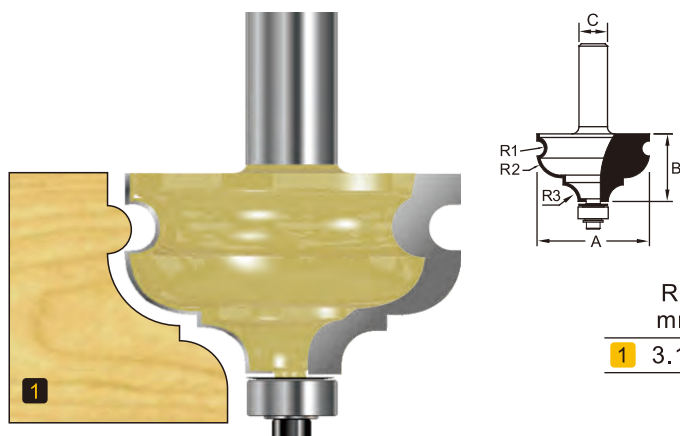
	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.2	17.5	25.4	351621	351821	351220	706031
2	3.17-14.3	27	41.5	351630	351830	351231	706051
3	1.59	25.4	25.4	351671	351871	351270	706031



Drawings are 1:1 scale

352 French Provincial Classical Cutter with Ball Bearing HW/Z2/RH

HW/Z2/RH



Two flute french provincial classical cutter with exchangeable bearing. Three radii in one cutter.

	R1 mm	R2 mm	R3 mm	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	3.17	9.53	6.35	44.45	28.5	352811	352211

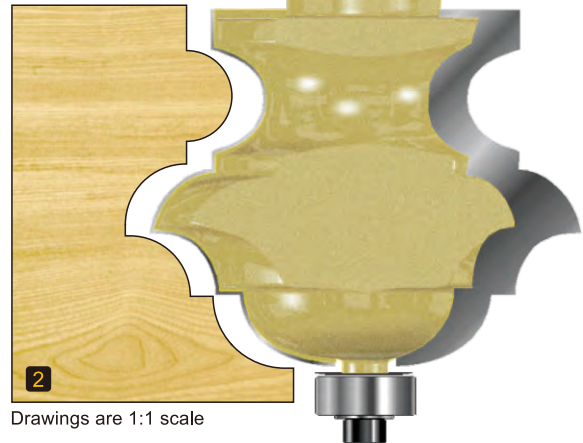
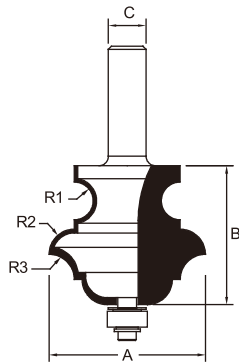
Drawings are 1:1 scale

353 Multi Form Cutter with Ball Bearing HW/Z2/RH



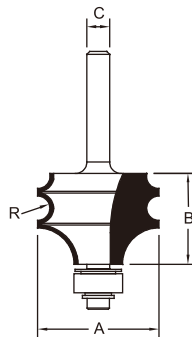
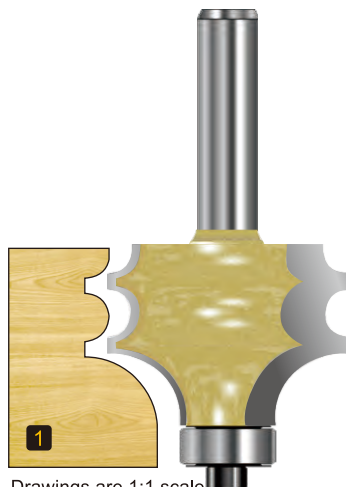
Two flute multi form cutter with exchangeable bearing. One of the most useful cutters produced. Selecting the point of cut gives an infinite range of single or compound profiles.

	R1 mm	R2 mm	R3 mm	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	3.18	4	4	31.8	25.4	353811	353210	706031
2	6	8	8	57.2	48		353221	706051



Drawings are 1:1 scale

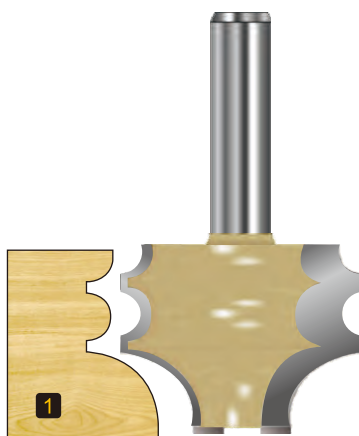
354 Multi Profile Bit HW/Z2/RH



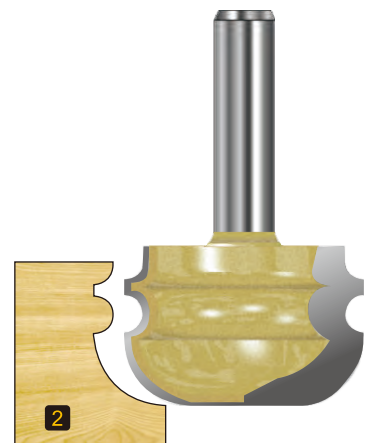
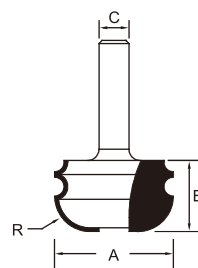
	R mm	A mm	B mm	C=Ø6x32mm Part No.	Bearing No.
1	3.18	31.8	23.8	354611	706051
	R mm	A mm	B mm	C=Ø8x32mm Part No.	Bearing No.
1	3.18	31.8	23.8	354811	706051
	R mm	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	3.18	31.8	23.8	354211	706051

Drawings are 1:1 scale

354 Multi Profile Bits HW/Z2/RH



	R mm	A mm	B mm	C=Ø12x40mm Part No.
1	9.5	31.7	23	354251
2	9.5	31.7	19	354225



Drawings are 1:1 scale

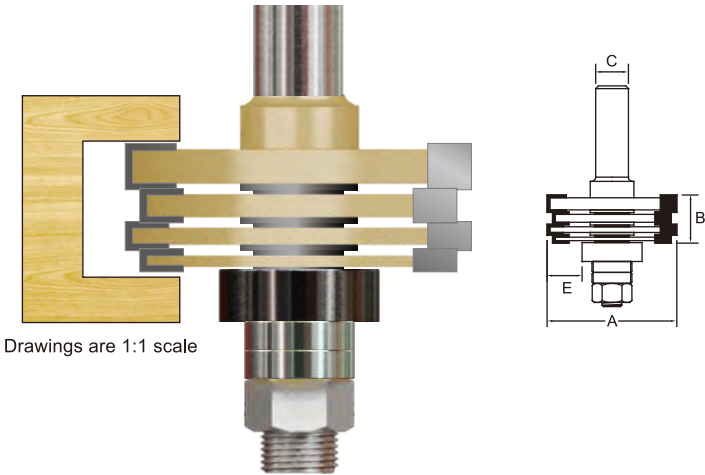
356/356A

Wing Slot Cutter Set

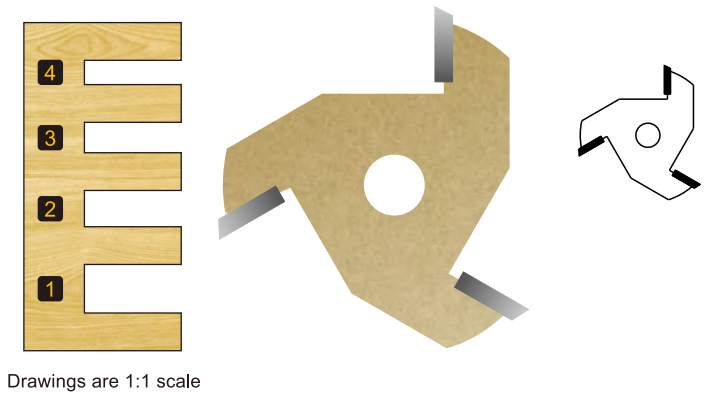


- Never use the slot cutter set without shims between the cutters. The distance between the cutters can vary from 1mm to 1.7mm. A shim must be positioned between the ball bearing and the cutters.

This set includes:
 4 carbide tipped cutters: 3.2mm, 4mm, 4.8mm, 6.4mm
 1 arbor: 12mm
 1 ball bearing (22mm) for 12.7mm cut
 17 shims: 8x0.1mm+4x0.5mm+3x1mm+2x4mm



	A mm	B mm	E mm	C=Ø12x40mm Part No.	Bearing No.
Z2	47.6	3.2-18	12.8	356221	706111
Z3	47.6	3.2-18	12.8	356221A	706111



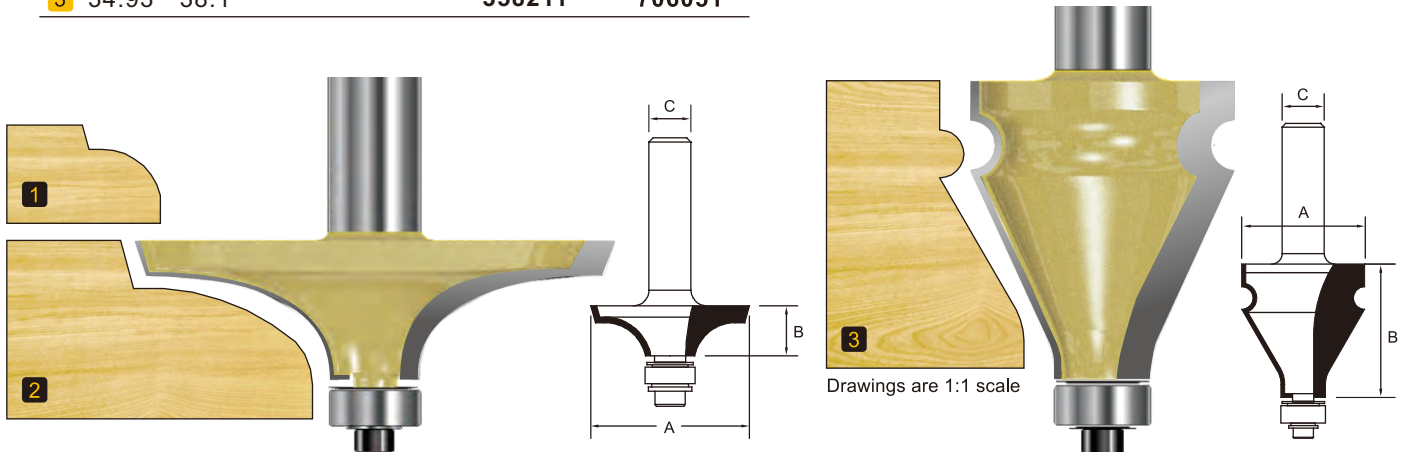
Slot Cutter		A mm	B mm	C mm	Part No.
1	Z3	47.6	3.2	8	704824
2	Z3	47.6	4.0	8	704834
3	Z3	47.6	4.8	8	704842
4	Z3	47.6	6.4	8	704859

357/358 Table Edge and Hand Rail Bits HW/Z2/RH



	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x45mm Part No.	Bearing No.
1	30.16	9.5	357811		706031
2	63.5	19.05		357211	706051
3	34.93	38.1		358211	706051

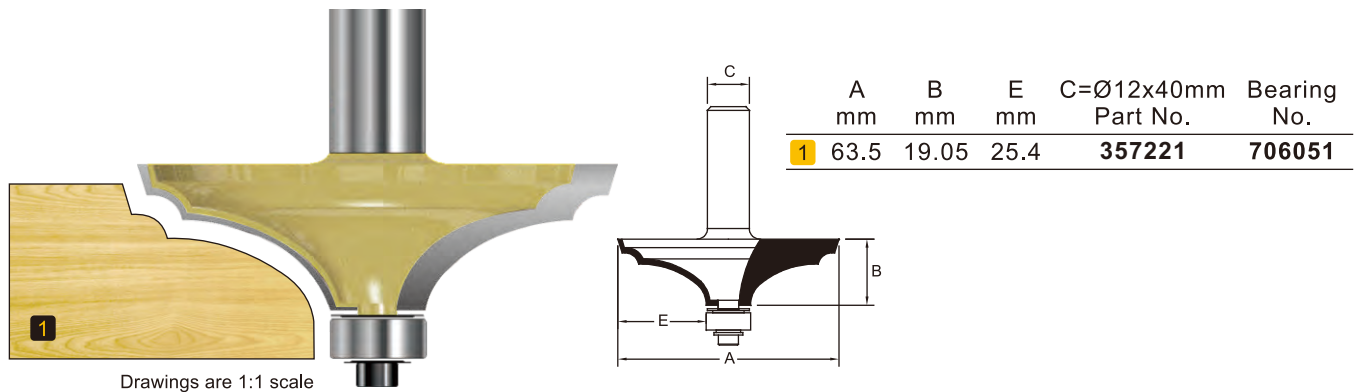
Two flute thumb mould cutter with exchangeable bearing. A quarter ellipse cutter that can also be used for rounding a handrail.



357 Thumb Mould Cutter with Ball Bearing HW/Z2/RH



Two flute thumb mold cutter with exchangeable bearing and an additional bead at the edge.

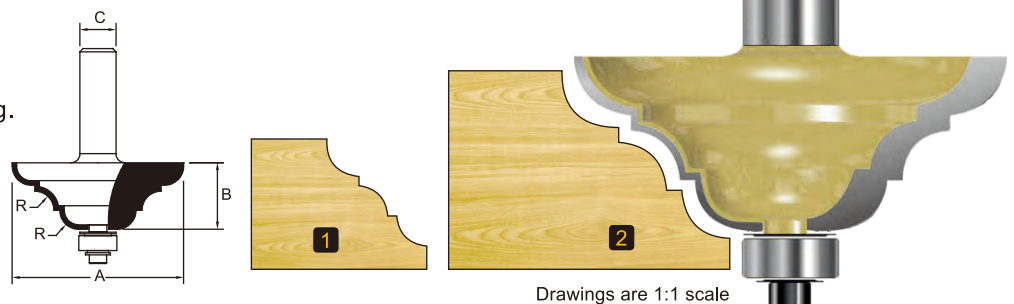


357 Thumb Mould Cutter with Ball Bearing HW/Z2/RH

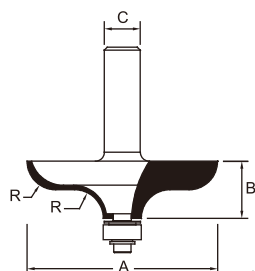
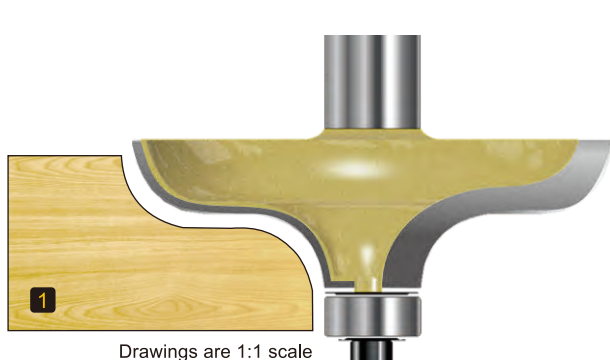


	R mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4	36	14.2	357630	357830		706031
2	6.35	57.15	22.2			357231	706051

Two flute thumb mould cutter with two identical radii and exchangeable bearing. The most complexed form of the thumb mould profiles in this range.



357 Traditional Table Edge Cutter HW/Z2/RH



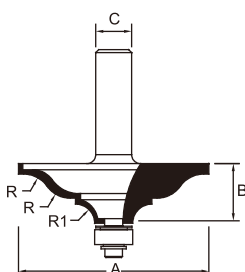
Two flute cutter with 1/2" guide bearing to cut a traditional table top edge.

	R mm	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	9.52	63.5	19.05	357241	706051

Drawings are 1:1 scale

357 Classic Ogee Bits HW/Z2/RH

Two flute classic ogee cutter with exchangeable bearing.
Multifunctional use,
for example for decorating
and restoring furniture.



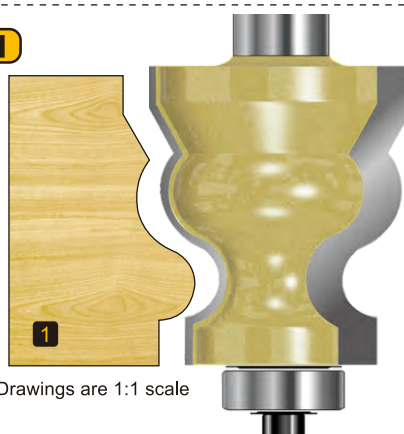
Drawings are 1:1 scale

	R mm	R1 mm	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4.8	4	36	14.5	357650	357850		706031
2	9.5	6.35	63.5	19.85			357251	706051

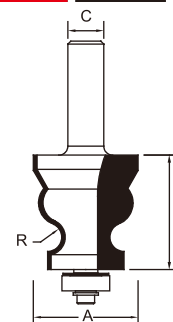
359 Decorative Bead Bits HW/Z2/RH

Two flute cutter with 5/8" guide bearing to produce a decorative mold for furniture, window casings and sills etc.

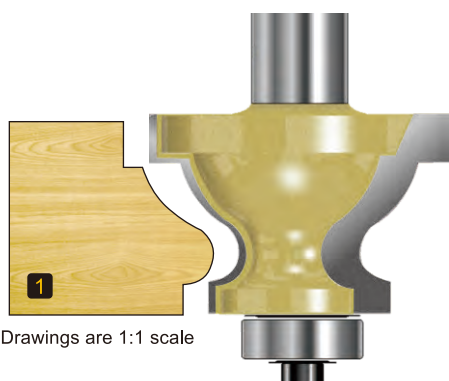
	R mm	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	4.76	34.9	38.1	359241	706071



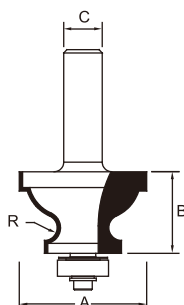
Drawings are 1:1 scale



359 Bullnose Mould Bits HW/Z2/RH



Drawings are 1:1 scale



Two flute cutter with 5/8" guide bearing to produce a decorative edge molding for furniture, tables, sills etc.

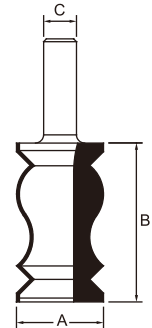
	R mm	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	3.97	39.68	25.4	359251	706071

360 Crown Molding Bits **HW/Z2/RH**



Two flute cutter with a decorative profile for crown molding. This is also suitable for producing wide decorative molds with many passes.

	A mm	B mm	C=Ø12x40mm Part No.
1	31.8	57.1	360231



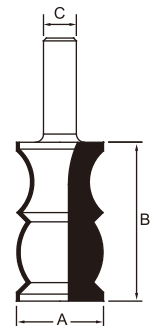
Drawings are 1:1 scale

360 Crown Molding Bits **HW/Z2/RH**



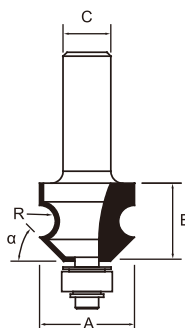
Two flute cutter with a decorative profile for crown molding. This is also suitable for producing wide decorative molds with many passes.

	A mm	B mm	C=Ø12x40mm Part No.
1	31.8	57.1	360241



Drawings are 1:1 scale

363 Wainscot / Paneling Bits **HW/Z2/RH**



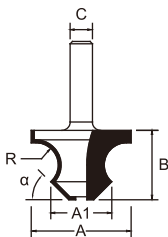
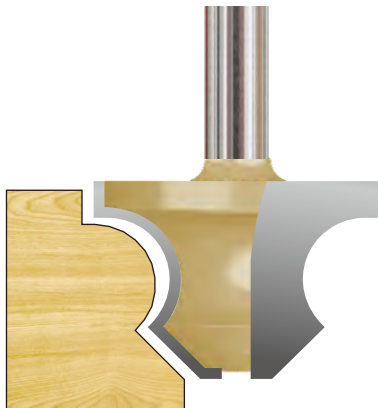
	A mm	B mm	R mm	α	C=Ø12x40mm Part No.	Bearing No.
1	23.8	19.05	4	45°	363211	706051



Drawings are 1:1 scale

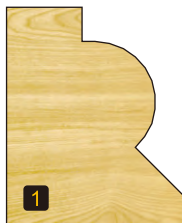
364 Corner Beading Bit with 45° Chamfer

HW/Z2/RH



To be used only on CNC machines or router tables equipped with a fence.

	A	A1	B	R	α	C=Ø8x32mm Part No.
1	36	22	25	8	45°	364811



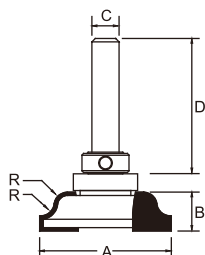
Drawings are 1:1 scale

365 Molding Bits

HW/Z2/RH



	R	A	B	CxD=Ø8x40mm Part No.	CxD=Ø12x40mm Part No.	Bearing No.
1	4	39.05	11.5	365811	365211	706091
2	4	54	11.5		365221	706091
3	6.35	60.5	17.3		365231	706091



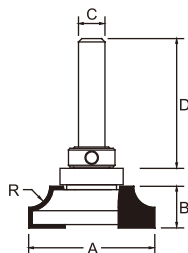
Drawings are 1:1 scale

365A Molding Bits

HW/Z2/RH



	R	A	B	CxD=Ø8x40mm Part No.	CxD=Ø12x40mm Part No.	Bearing No.
1	6.35	38	12.5	365811A	365211A	706091
2	8	35	13.2	365821A	365221A	706091
3	9.5	38	14.5	365831A	365231A	706091



Drawings are 1:1 scale

366/366B Window Sill and Finger Bits

HW/Z2/RH



1

	R1 mm	R2 mm	A mm	B mm	CxD=Ø12x40mm Part No.	Bearing No.
1	5.5	9.5	31.7	25.4	366211	
2	9.5	12.7	38.1	35	366221	

2

•With Top Bearing

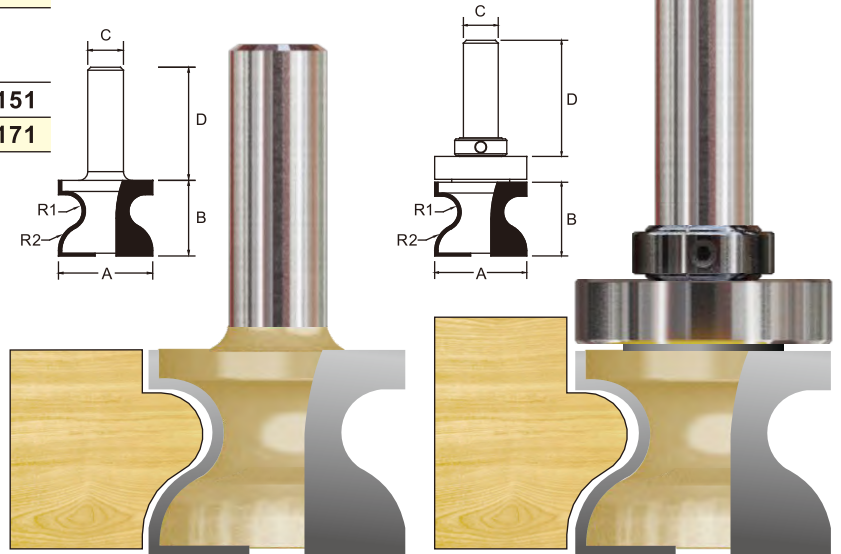
	R1 mm	R2 mm	A mm	B mm	CxD=Ø12x40mm Part No.	Bearing No.
3	5.5	9.5	31.7	25.4	366211B	706151
4	9.5	12.7	38.1	35	366221B	706171

3

4



Drawings are 1:1 scale

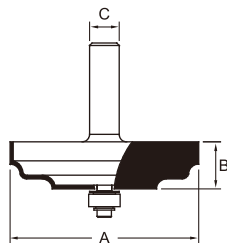


5

6

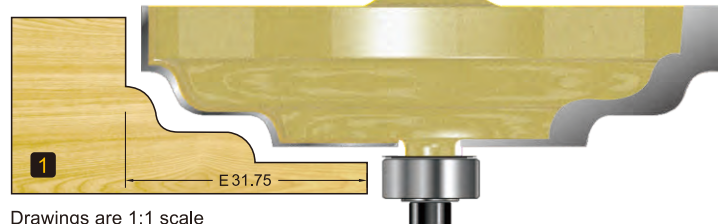
401 Panel Rasing Cutter / Wavy with Ball Bearing

HW/Z2/RH



Two flute cutter with 1/2" guide bearing to cut a wavy profile panel raise with a raised width of 31.75mm(1-1/4").

	A mm	B mm	E mm	C=Ø12x40mm Part No.	Bearing No.
1	76.2	19	31.75	401211	706051



Drawings are 1:1 scale

7

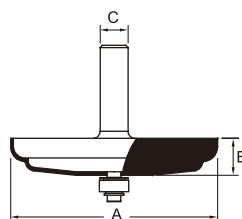
402 Panel Rasing Cutter / Double Cove with Ball Bearing

HW/Z2/RH



	A mm	B mm	R1 mm	R2 mm	E mm	C=Ø12x40mm Part No.	Bearing No.
1	88.9	15.9	6.35	3.97	38.1	402211	706051

Two flute cutter with 1/2" guide bearing to cut a wavy profile panel raise with a raised width of 31.75mm (1-1/4")

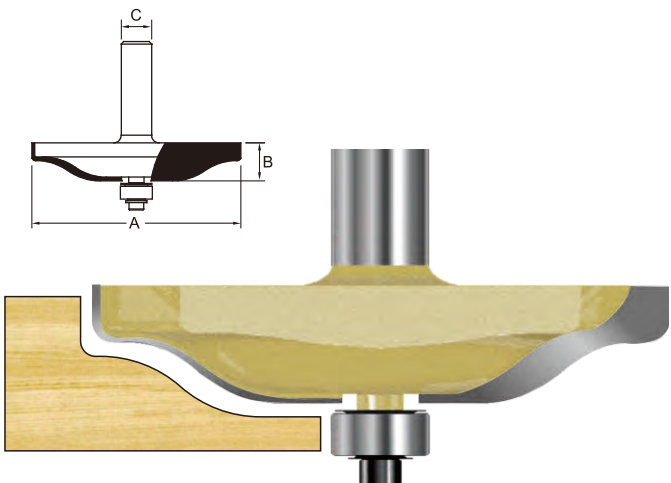


Drawings are 1:1 scale

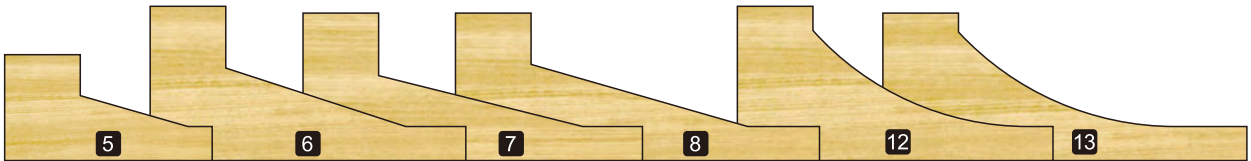
8

9

403 Raised Panel Bits **HW/Z2/RH**



	A mm	B mm	C=Ø8x32mm Part No	C=Ø12x40mm Part No	Bearing No.
1	47.6	9.5	403845		706051
2	76.2	15.9		403211	706051
3	82.5	15		403212	706051
4	89	15		403213	706051
5	47.6	9.5	403815		706051
6	76.2	15.9		403241	706051
7	82.5	15		403242	706051
8	89	15		403243	706051
9	76.2	15.9		403261	706051
10	82.5	15		403262	706051
11	89	15		403263	706051
12	76.2	15.9		403271	706051
13	89	15		403272	706051

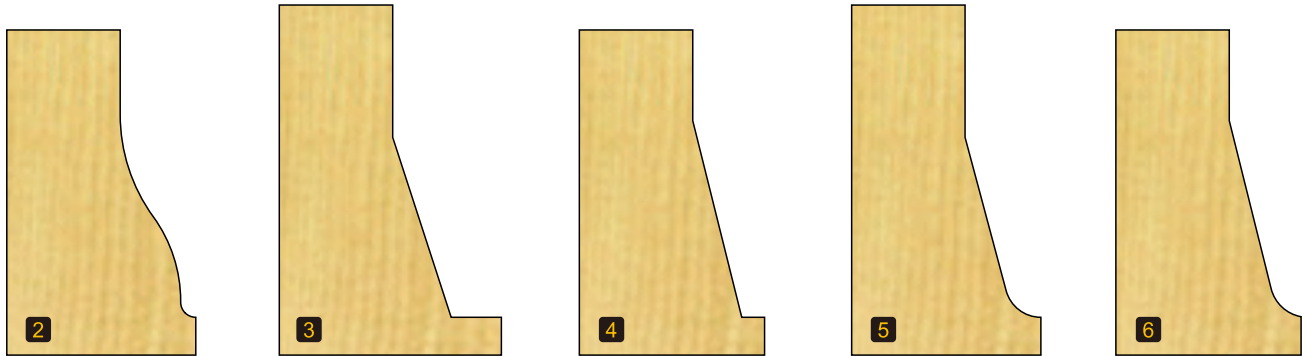
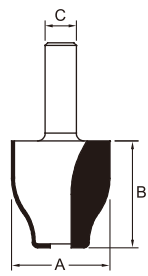
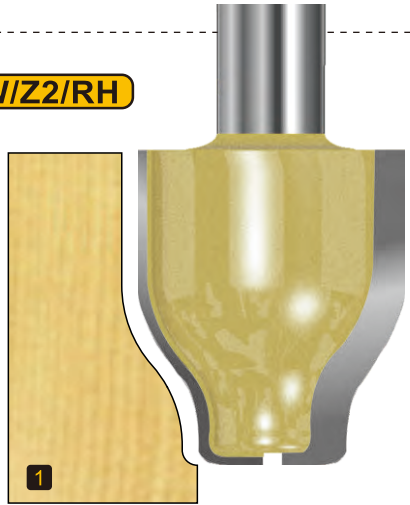


Drawings are 1:1 scale

403A Vertical Raised Panel Bits **HW/Z2/RH**



	A mm	B mm	C=Ø12x40mm Part No
1	31.75	41.3	403211A
2	38	38	403215A
3	31.75	41.3	403241A
4	38	38	403245A
5	31.75	41.3	403261A
6	38	38	403265A



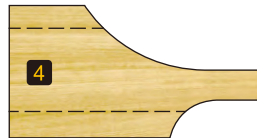
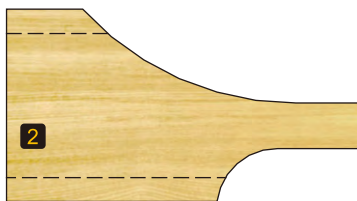
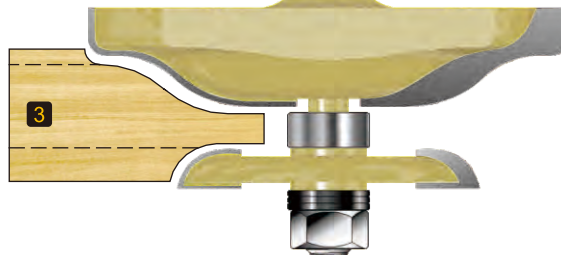
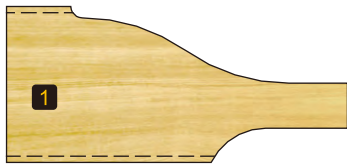
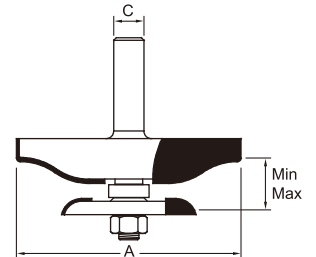
Drawings are 1:1 scale

403B Raised Panel Bit with Back Corner

HW/Z2/RH



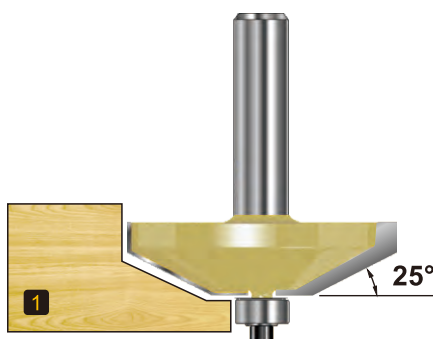
	A mm	Min mm	Max mm	C=Ø12x40mm Part No.	Bearing No.
1	89	19	20.6	403211B	706106
2	89	19	25.4	403221B	706106
3	63.5	11.1	17.5	403231B	706106
4	63.5	11.1	17.5	403241B	706106



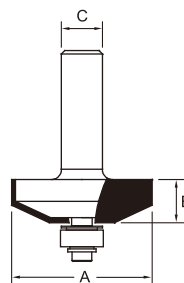
Drawings are 1:1 scale

405 Raised Panel Bits - 25° Straight

HW/Z2/RH



Drawings are 1:1 scale



Two flute cutters with 1/2" guide bearing to produce a straight panel raise. Available in a range of sizes to cut raised widths from 14.28mm to 38.1mm (9/16" to 1-1/2").

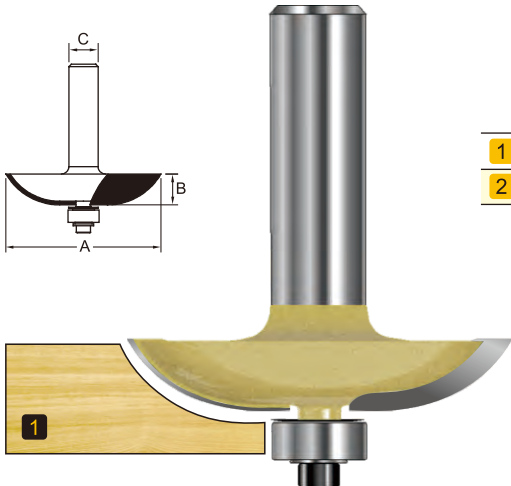
	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	41.28	12.7	405611	405811	405211	706051

406 Raised Panel Bits - Cove

HW/Z2/RH



Two flute cutter with 1/2" guide bearing to produce a cove panel raise. Available in a range of sizes to cut raised widths from 14.28mm to 38.1mm (9/16" to 1-1/2")



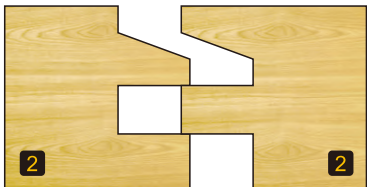
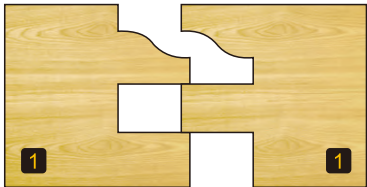
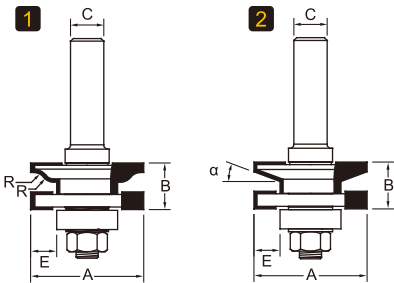
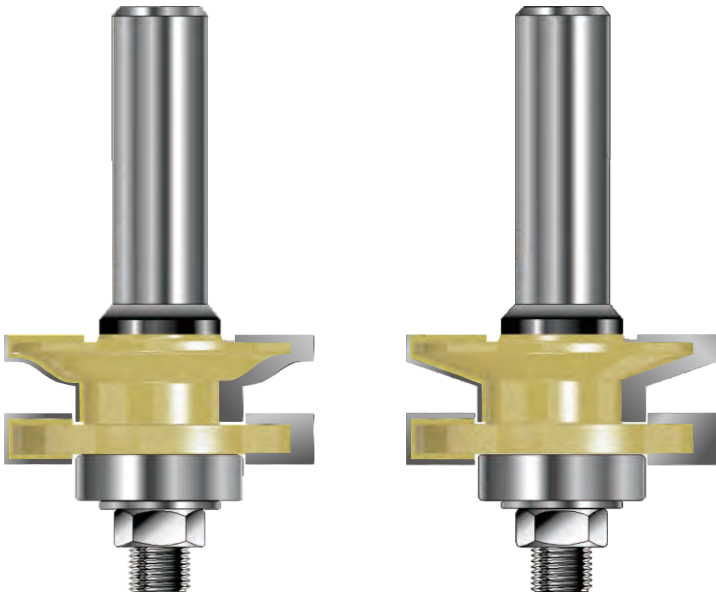
	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	50.8	10.3	406611	406811	406211	706051
2	63.5	12.7			406221	706051



Drawings are 1:1 scale

409 Reversible Rail & Stile Cutter

HW/Z2/RH

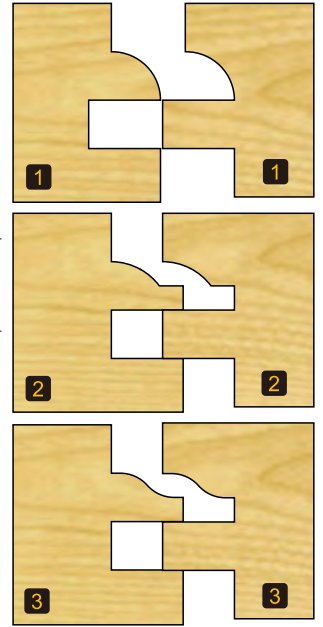
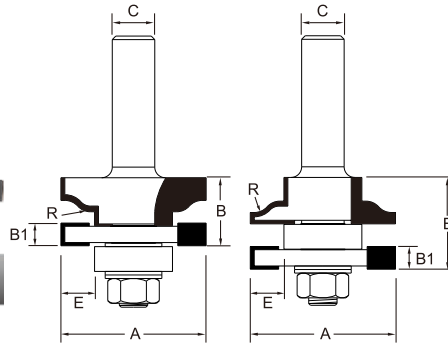
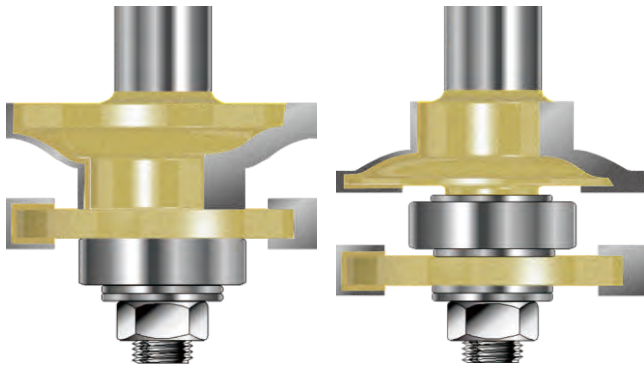
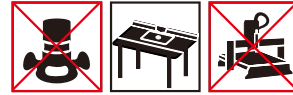


Drawings are 1:1 scale

	R/α mm	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4.76	41	23.8	9.5	409611	409811	409211	706111
2	20°	41	23.8	9.5	409621	409821	409221	706111

409 Rail & Stile Set

HW/Z2/RH

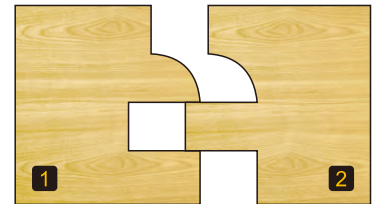
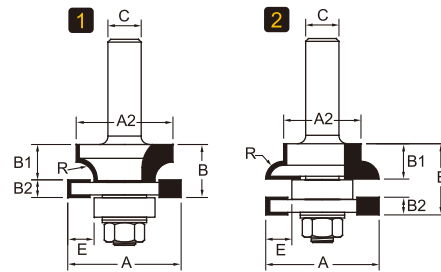
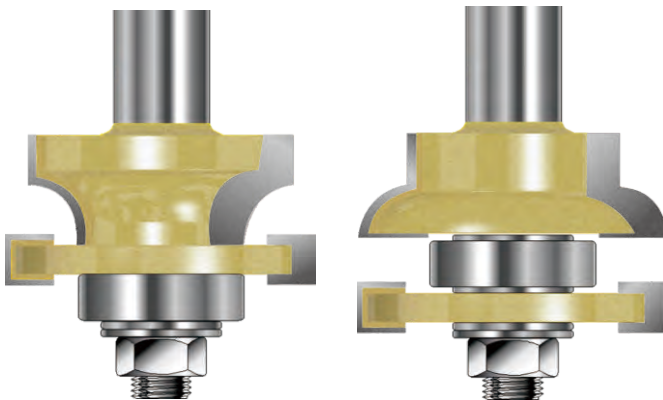


	R mm	A mm	B mm	B1 mm	E mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	6.35	41	19.1-25.4	6.35	9.5	409851	409251	706111
2	8	41	19.1-25.4	6.35	9.5	409861	409261	706111
3	4.76	41	19.1-25.4	6.35	9.5	409871	409271	706111

Drawings are 1:1 scale

409 Rail & Stile Cutter Set - Round Over

HW/Z2/RH

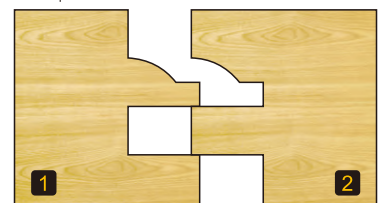
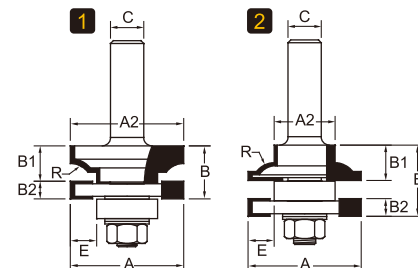
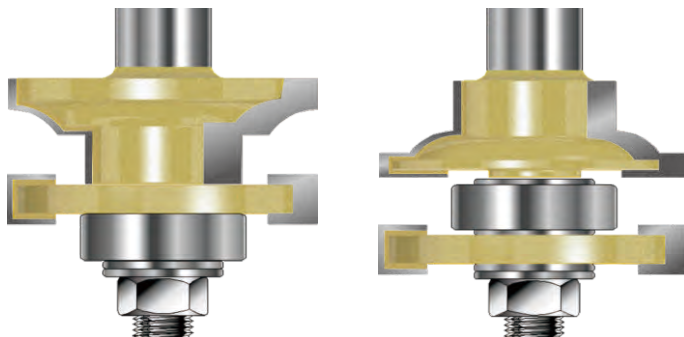


	R mm	A mm	A2 mm	B mm	B1 mm	B2 mm	E mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	6.35	41	35	19.1	12.7	6.35	9.5	409851A	409251A	706111
2	6.35	41	28	25.4	12.7	6.35	9.5	409851B	409251B	706111

Drawings are 1:1 scale

409 Rail & Stile Cutter Set - Flat Ovolo

HW/Z2/RH

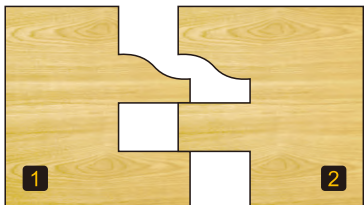
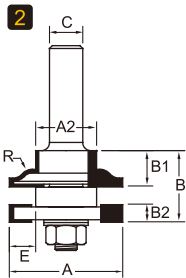
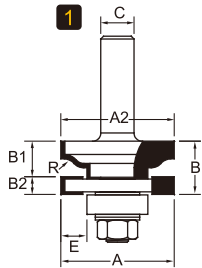
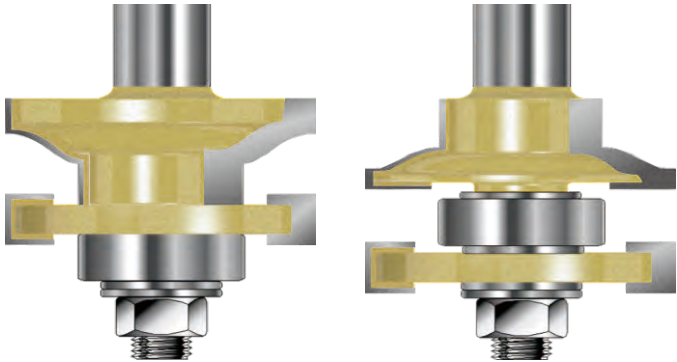


	R mm	A mm	A2 mm	B mm	B1 mm	B2 mm	E mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	8	41	41	19.1	12.7	6.35	9.5	409861A	409261A	706111
2	8	41	22	25.4	12.7	6.35	9.5	409861B	409261B	706111

Drawings are 1:1 scale

409 Rail & Stile Cutter Set - Roman Ogee

HW/Z2/RH



	R mm	A mm	A2 mm	B mm	B1 mm	B2 mm	E mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	4.76	41	41	19.1	12.7	6.35	9.5	409871A	409271A	706111
2	4.76	41	22	25.4	12.7	6.35	9.5	409871B	409271B	706111

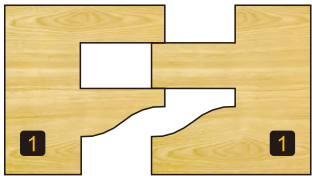
Drawings are 1:1 scale

409A Rail & Stile Sets

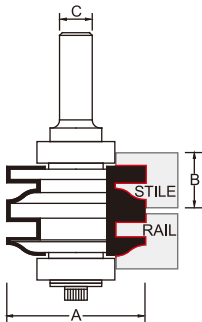
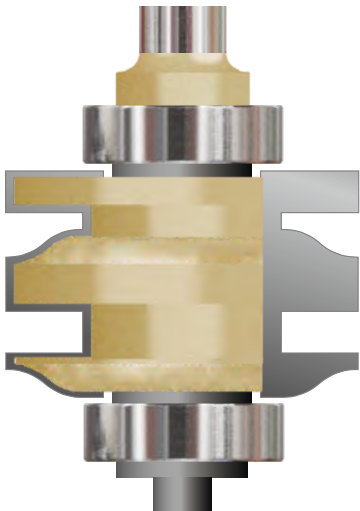
HW/Z2/RH



	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	50.87	18-22	409211A	706101

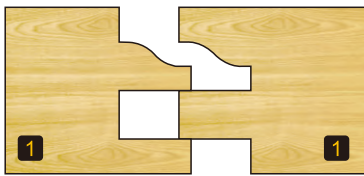
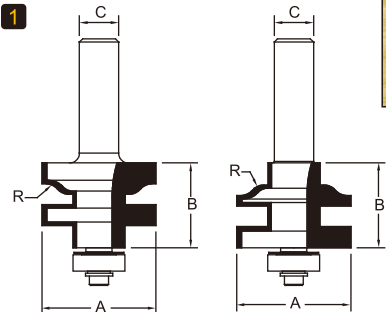
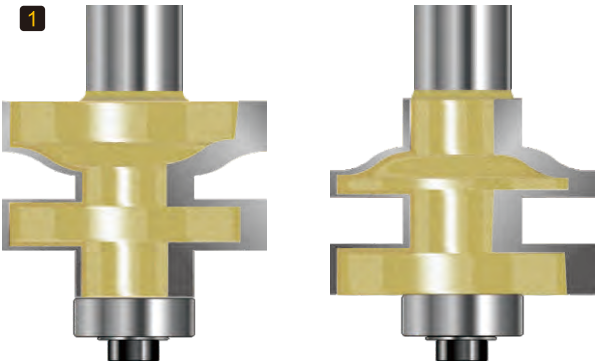


Drawings are 1:1 scale



410 Rail & Stile Set

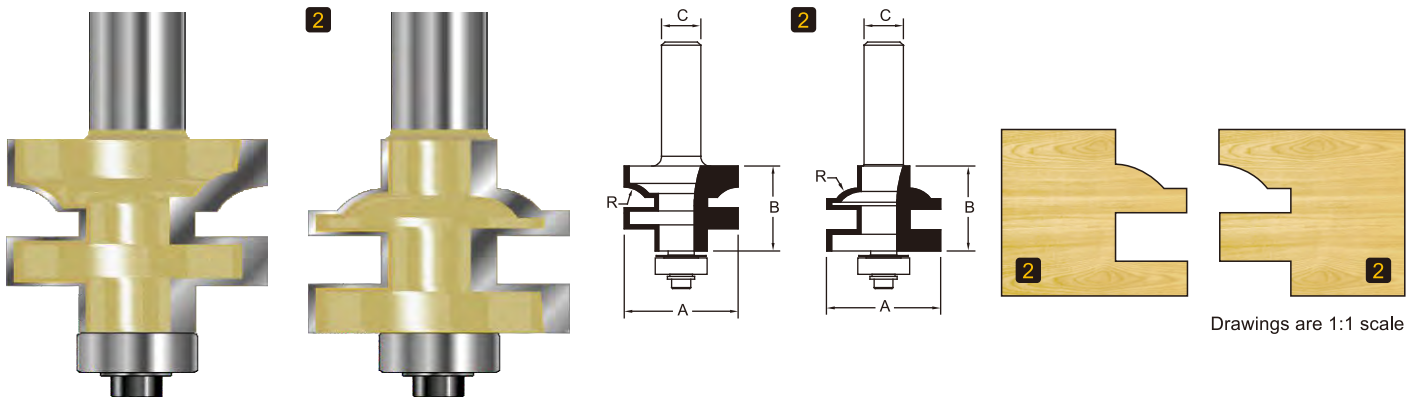
HW/Z2/RH



Drawings are 1:1 scale

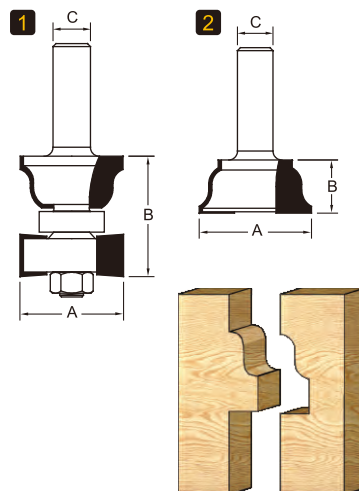
	A mm	B mm	R mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	34.9	25.4	4.76	410811	410211	706071
2	34.9	25.4	8	410831	410231	706071

410 Rail & Stile Set **HW/Z2/RH**

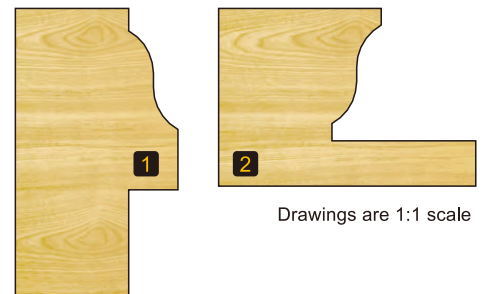


Drawings are 1:1 scale

411 Window Sash Set **HW/Z2/RH**

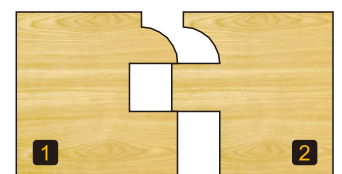
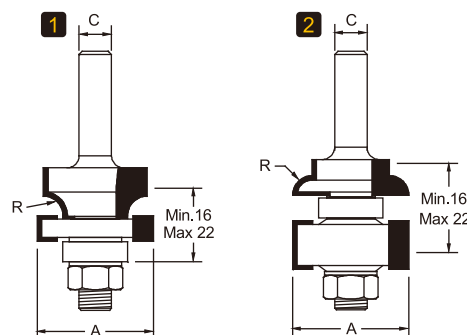
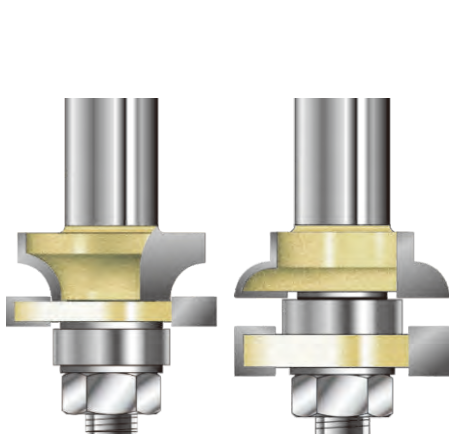


	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	35	40	411211a	706111
2	38	17.5	411211b	



Drawings are 1:1 scale

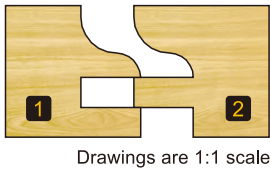
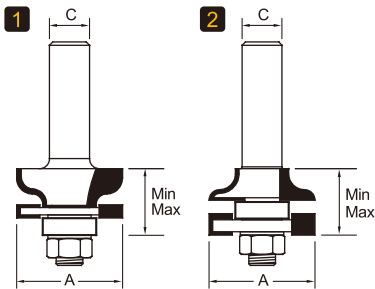
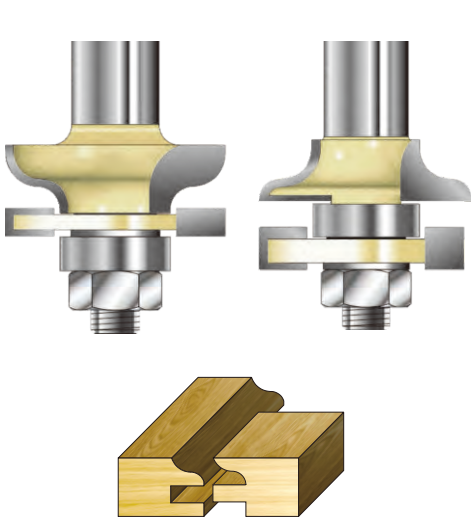
414 Rail & Stile Sets **HW/Z2/RH**



Drawings are 1:1 scale

	A mm	Min mm	Max mm	C=Ø8x32mm Part No.	Bearing No.	C=Ø12x40mm Part No.	Bearing No.
1	28.7	16	22	414811A	706106	414211A	706106
2	28.7	16	22	414811B	706106	414211B	706071

415 Junior Ogee Rail and Stile Set **HW/Z2/RH**



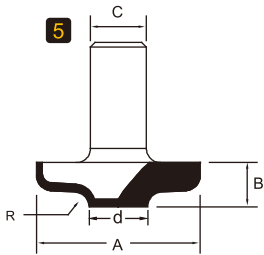
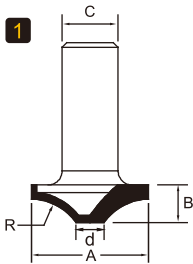
Drawings are 1:1 scale

	A mm	Min mm	Max mm	C=Ø12x40mm Part No.	Bearing No.
1	31.75	11	17.4	415221a	706106
2	31.75	11	17.4	415221b	706106

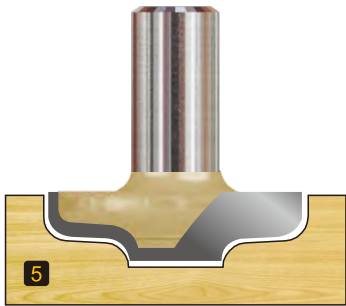
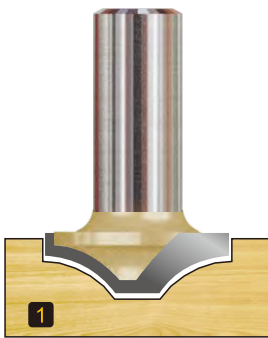
416 Stile Bits **HW/Z2/RH**



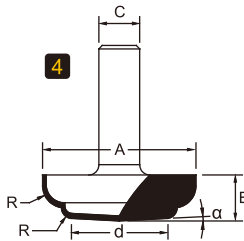
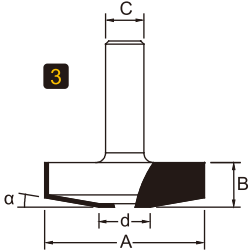
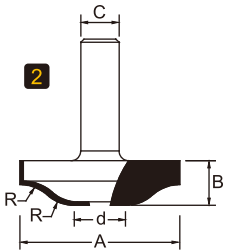
	A mm	d mm	B mm	R mm	α	C=Ø12x40mm Part No.
1	25	6	8	12		416211
2	50	16	14	12		416221
3	50	16	17		10°	416231
4	45	34	13.5	3.2+6.4	3°	416241
5	35	12.5	9.5	3.2		416251



STILE BITS

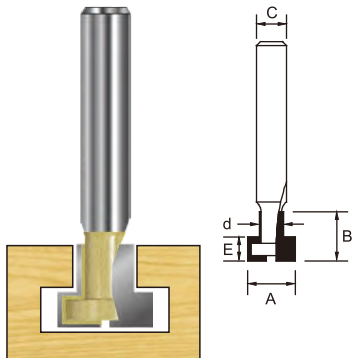


PANEL BITS



Drawings are 1:1 scale

501 Keyhole Bits **HW/Z2/RH**

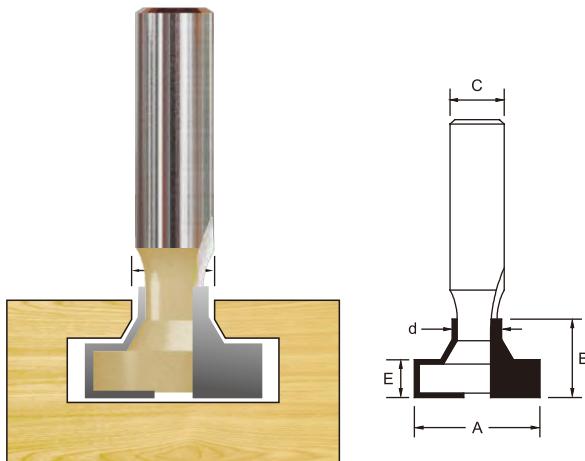


	A mm	B mm	d mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	9.5	11	4.8	4.76	501610	501810	501210
2	9.5	10.8	6.35	3.18	501611		
3	9.5	9.76	4.8	4.76	501613		
4	12.7	12.76	6.35	4.76	501621		

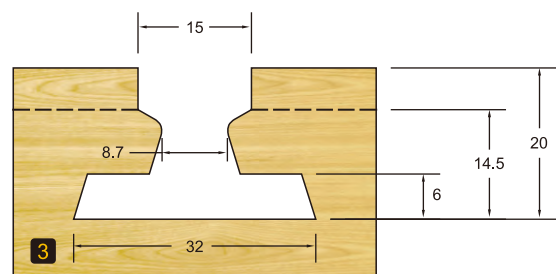
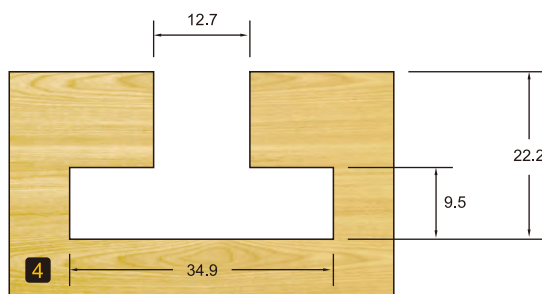
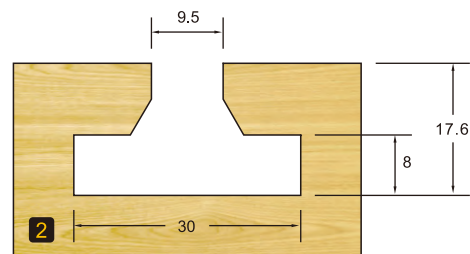
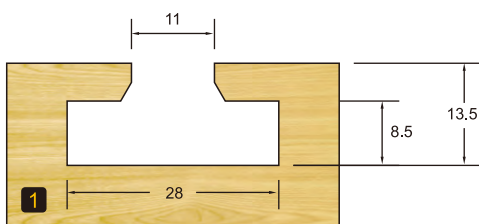


Drawings are 1:1 scale

501A T-Slot Bits **HW/Z2/RH**



	A mm	B mm	d mm	E mm	C=Ø12x40mm Part No.
1	28	13.5	11	8.5	501211A
2	30	17.6	9.5	8	501221A
3	32	20	8.7-15	6	501231A
4	34.9	22.2	12.7	9.5	501241A



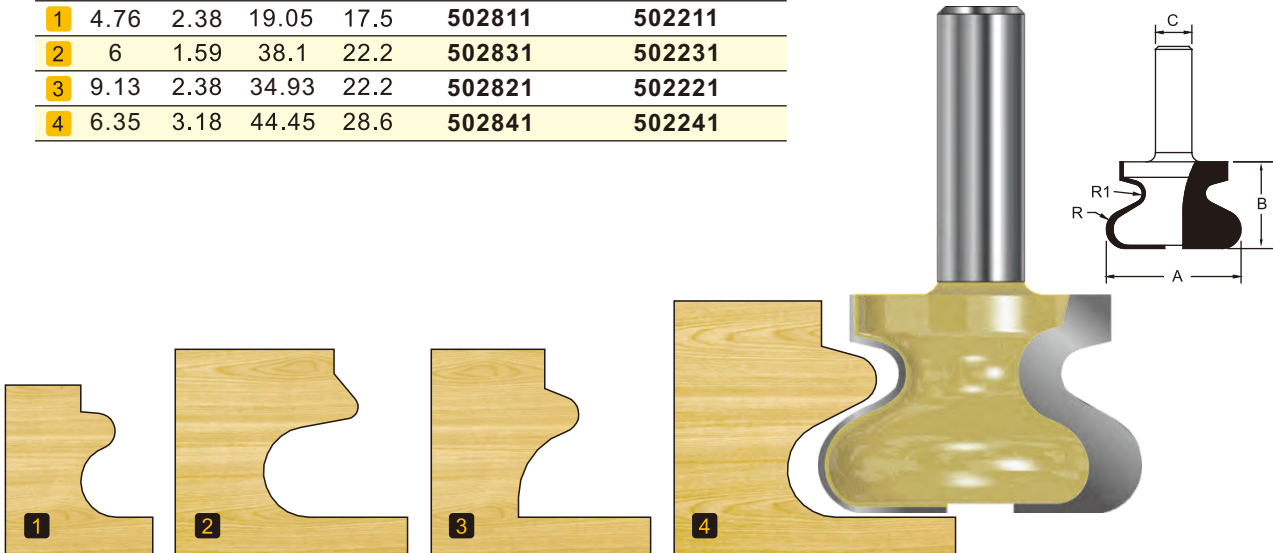
Drawings are 1:1 scale

502 Drawer Pull Bits HW/Z2/RH



Make a solid wood drawer front or cabinet door finger pull in cabinet and kitchen furniture projects.

	R mm	R1 mm	A mm	B mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	4.76	2.38	19.05	17.5	502811	502211
2	6	1.59	38.1	22.2	502831	502231
3	9.13	2.38	34.93	22.2	502821	502221
4	6.35	3.18	44.45	28.6	502841	502241

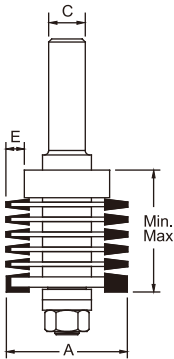


Drawings are 1:1 scale

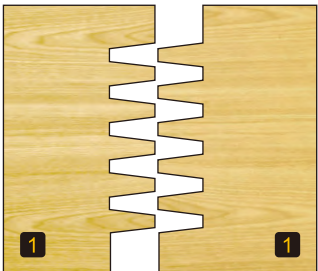
602 Professional Finger Joint Cutter Set HW/Z2/RH



A set of two flute finger joint cutters with spacers and bearing. Various combinations of cutters may be used to cut joints on timber of different thickness from 11 to 35mm. The design of this cutter ensures a very strong and stable joint.



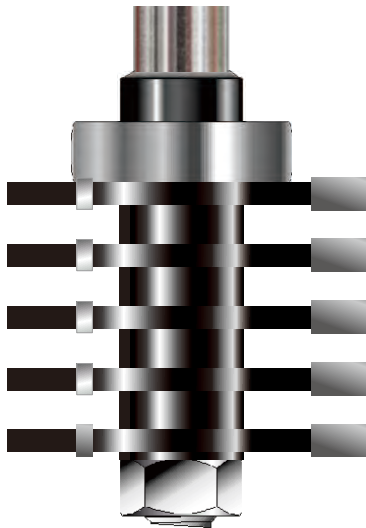
	A mm	Min mm	Max mm	E mm	C=Ø12x40mm Part No.	Bearing No.
1	40	11	36	6	602220	706116



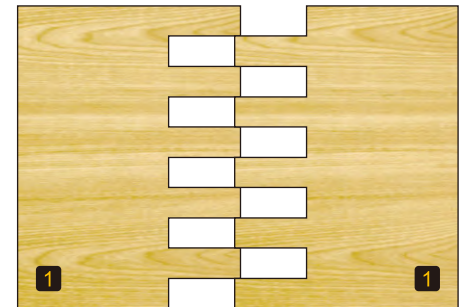
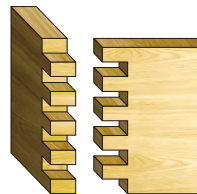
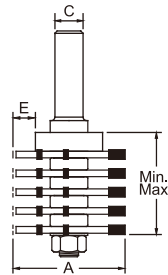
Drawings are 1:1 scale

602A Finger Joint Bit

HW/Z3/RH



	A mm	Min mm	Max mm	E mm	C=Ø12x40mm Part No.	Bearing No.
1	47.6	12	40	9.5	602230A	706141



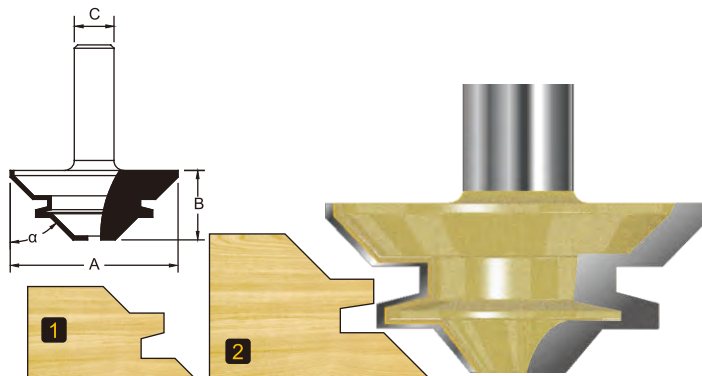
Drawings are 1:1 scale

603 Miter Lock Jointer Cutter

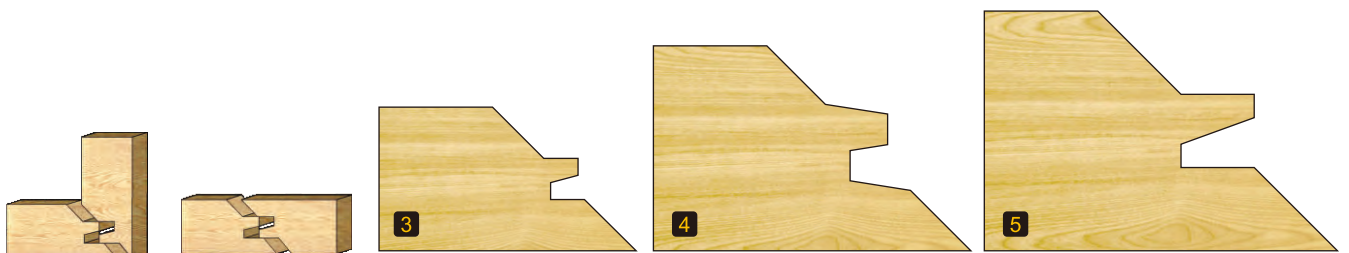
HW/Z2/RH



Two flute miter lock jointer cutter designed to produce an effective and very strong glue 90° corner joint. The cutter can also be used for a glue joint, for jointing lengths together.



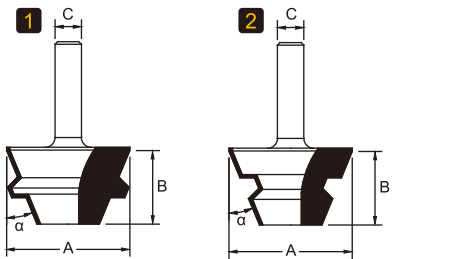
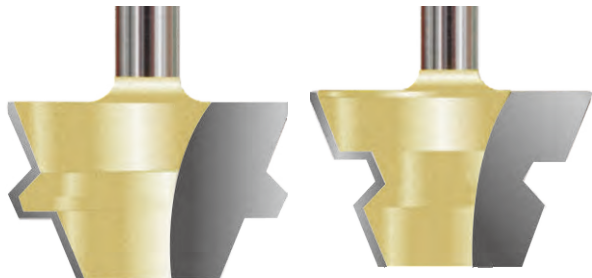
	A mm	B mm	α	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	38.1	12.7	45°	603811	
2	44.45	20.55	45°		603221
3	50.8	22.2	45°		603225
4	70	30.33	45°		603231
5	70	35	45°		603235



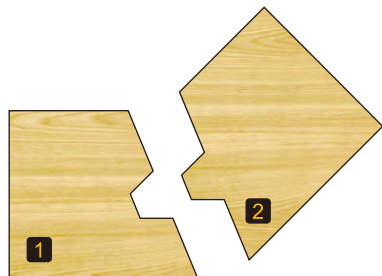
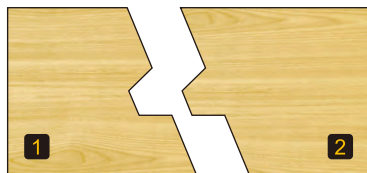
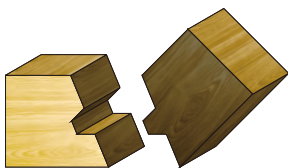
Drawings are 1:1 scale

604 Lock Miter Set HW/Z2/RH

With this 22.5° angle bits you can make a strong tight joining. 45° angles give nice octagonal shaped boxes. Very useful for corner cabinets for kitchen. The shape of the bits with tongue and groove is easier to work with and to clamp as biscuits or splines.



	A mm	B mm	α	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	37.3	22.2	22.5°	604822	604222

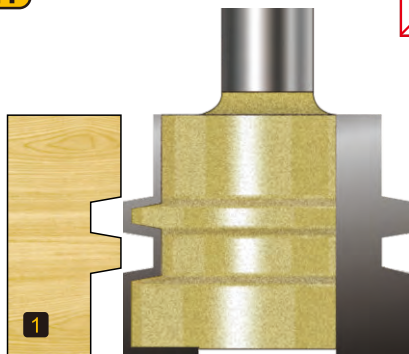


Drawings are 1:1 scale

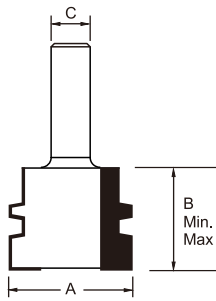
608 Reverse Glue Joint Bits HW/Z2/RH



	A mm	B mm	Min mm	Max mm	C=Ø12x40mm Part No.
1	38.1	32	10	32	608211



Drawings are 1:1 scale

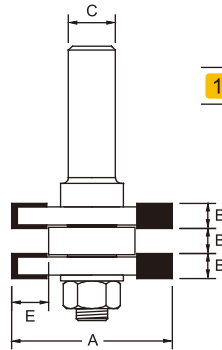
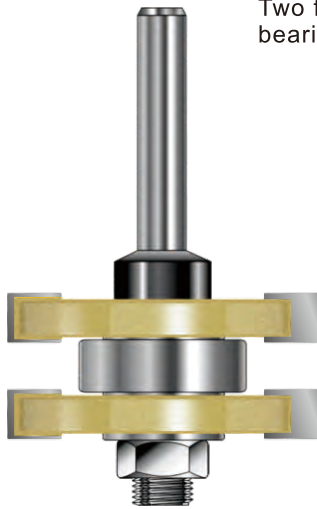


609 Economy Tongue & Groove Set

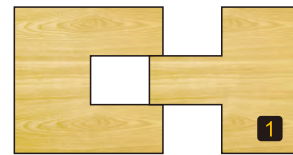
HW/Z2/RH



Two flute. For tongue and groove with wood thickness up to 19mm. Slotting cutter and ball bearing can be interchanged on the arbor to alter the setup.



	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	41	6.4	9.5	609611	609811	609211



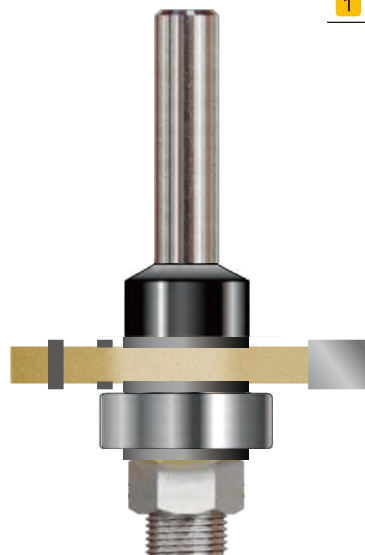
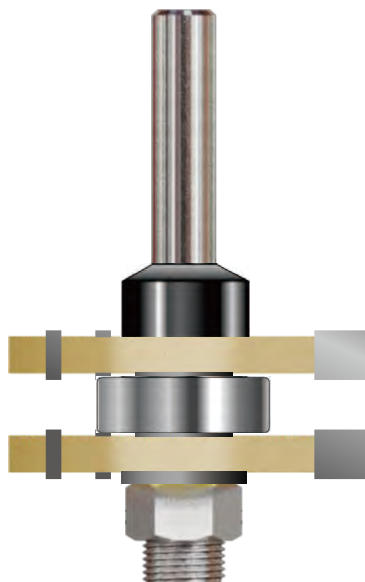
Drawings are 1:1 scale

609A Economy Tongue & Groove Set

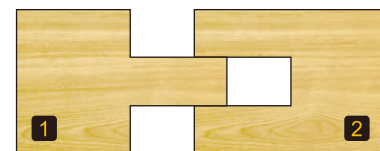
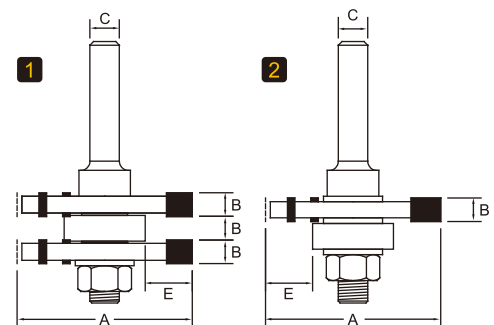
HW/Z3/RH



Two flute cutter set with 22mm bearing. A low cost set for cutting tongue & groove moldings on boards up to 19mm (3/4") thickness.



	A mm	B mm	E mm	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	47.6	19	12.8	609821A	609221A

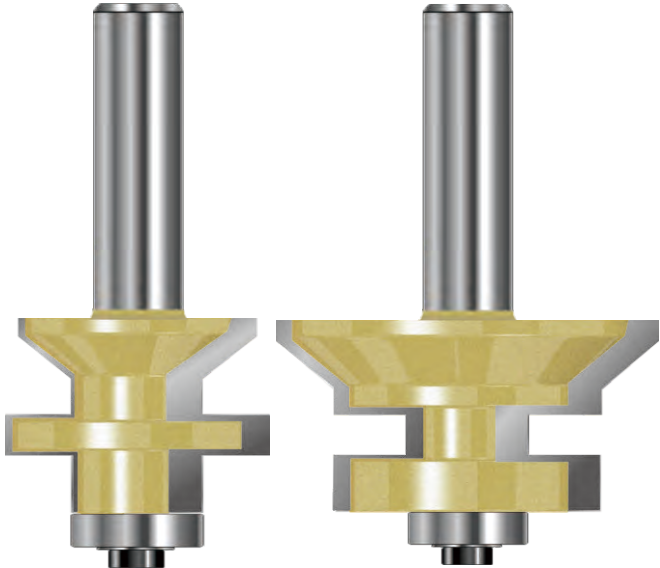


Drawings are 1:1 scale

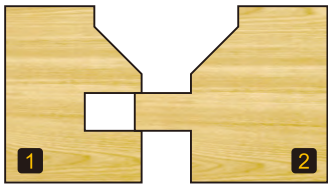
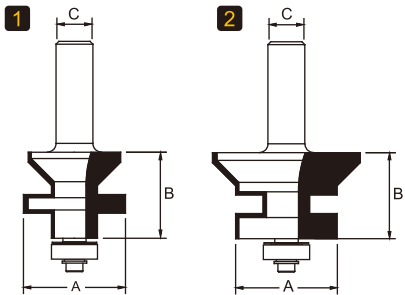
611 V-Tongue and Groove Set **HW/Z2/RH**



Attractive "V" paneling created with this router bit set gives you a perfect match every time. Set included spacers allowing you to produce "V" paneling.

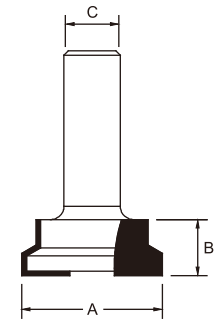
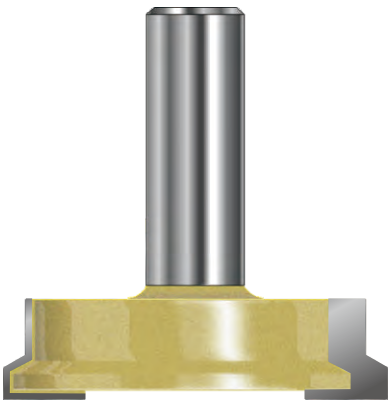


	A mm	B mm	C=Ø12x40mm Part No.	Bearing No.
1	34.9	29.65	611211	706071
2	50.8	29.65	611221	706071

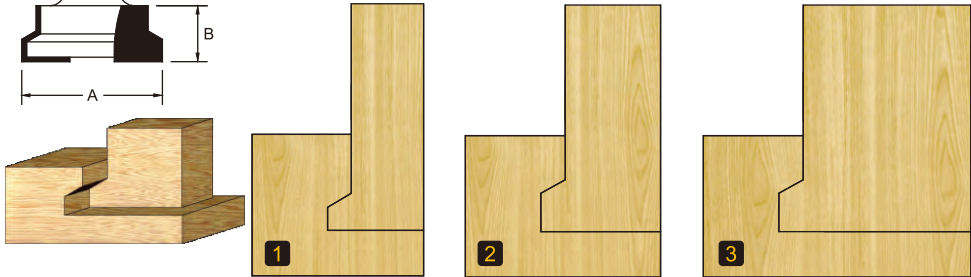


Drawings are 1:1 scale

612 Drawer Lock Bits **HW/Z2/RH**



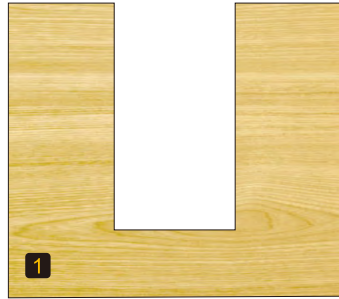
	A mm	B mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.
1	25.4	12.7		612811	612211
2	31.7	12.7	612621	612821	612225
3	50.8	12.7			612221



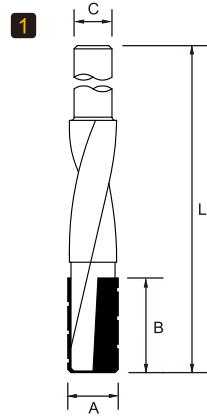
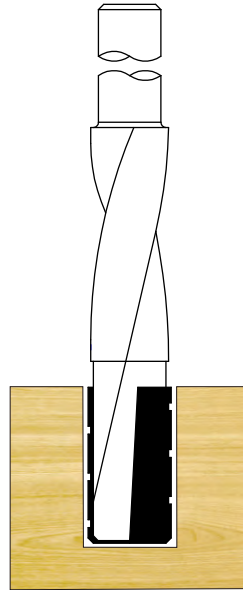
Drawings are 1:1 scale

615 Spiral Grooving Cutter **HW/Z2/RH**

	A mm	B mm	L mm	C=Ø12mm Part No.
1	16	30	130	615205

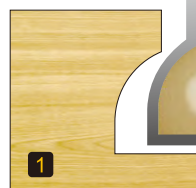
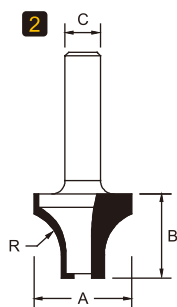
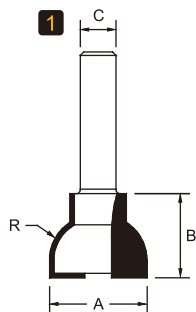


Drawings are 1:1 scale

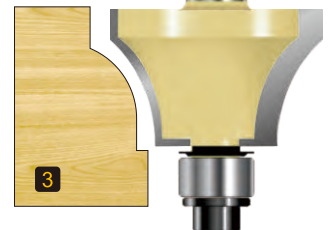
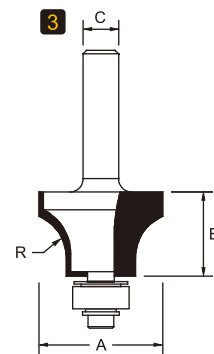


661 Ovolo Sash Bits **HW/Z2/RH**

	A mm	B mm	R mm	C=Ø8x32mm Part No.	Bearing No.
1	22	19	10	661811	
2	22	19	10	661821	
3	28	19	10	661831	706051

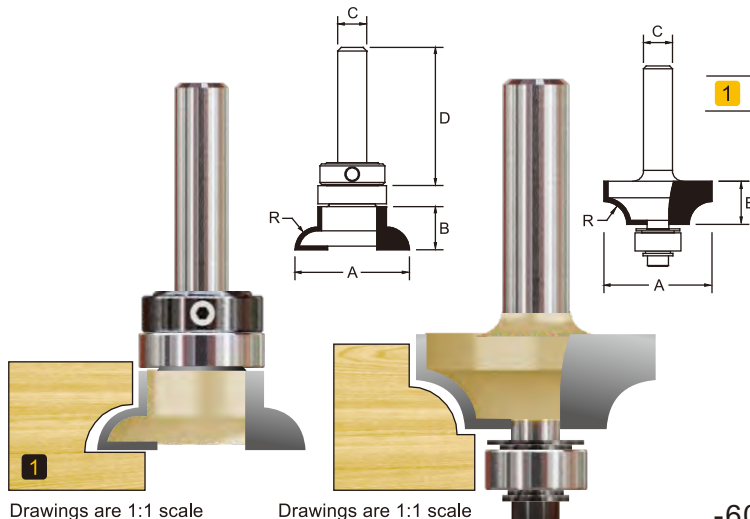


Drawings are 1:1 scale



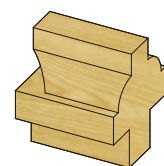
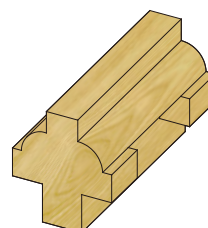
661 Ovolo Sash Set **HW/Z2/RH**

	A mm	B mm	R mm	CxD=Ø8x32mm Part No.	Bearing No.
1	31.7	12	6.35	661841	706051 706091



Drawings are 1:1 scale

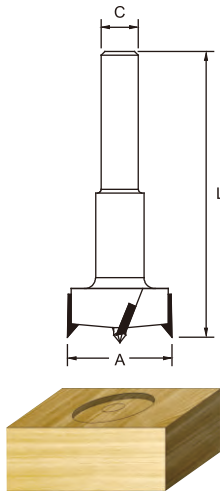
Drawings are 1:1 scale



701 Hinge Boring Bits



A range of boring bits for cutting clean flat bottomed holes and hinge recesses in timber and man made boards. The bit have two cutting flutes and two scribes.

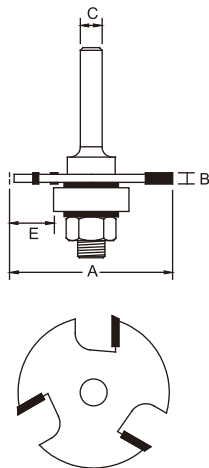
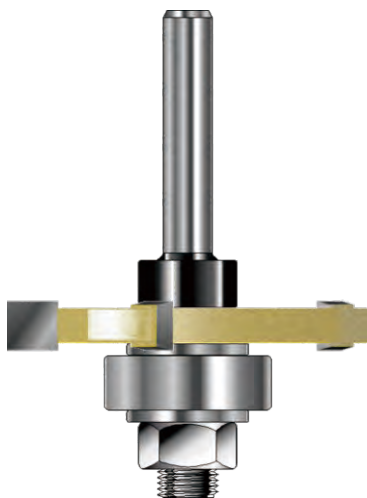


A mm	L mm	C=Ø8mm Part No.	C=Ø10mm Part No.
15	76.2	701805	701905
20	76.2	701818	701918
22	76.2	701820	701920
24	76.2	701824	701924
25	76.2	701825	701925
28	76.2	701838	701938
30	76.2	701850	701950
32	76.2	701852	701952
35	76.2	701865	701965
40	76.2	701880	701980
45	76.2	701895	701995
50	76.2	701896	701996

Other sizes can be manufactured to order.

704 Slot Cutters

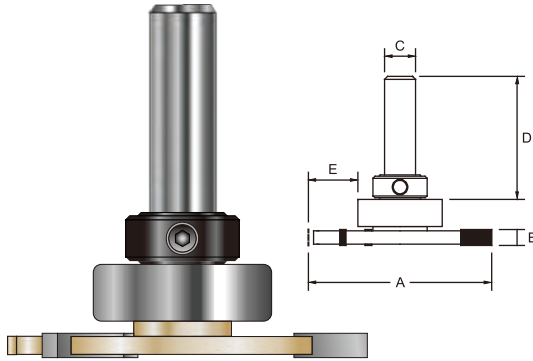
HW/Z3/RH



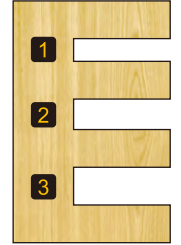
Drawings are 1:1 scale

	A mm	B mm	E mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.	Z3 Slot Cutter
1	47.6	1.5	12.8	7046205	7048205	7042205	706111	704805
2	47.6	2	12.8	7046210	7048210	7042210	706111	704810
3	47.6	2.5	12.8	7046213	7048213	7042213	706111	704813
4	47.6	3	12.8	7046215	7048215	7042215	706111	704815
5	47.6	3.5	12.8	7046225	7048225	7042225	706111	704827
6	47.6	4	12.8	7046234	7048234	7042234	706111	704834
7	47.6	5	12.8	7046245	7048245	7042245	706111	704845
8	47.6	6	12.8	7046246	7048246	7042246	706111	704846

704A Slot Cutters HW/Z3/RH



	A mm	B mm	E mm	CxD=Ø8x32mm Part No.	Bearing No.
1	47.6	3	12.8	704825A	706111
2	47.6	4	12.8	704840A	706111
3	47.6	5	12.8	704850A	706111

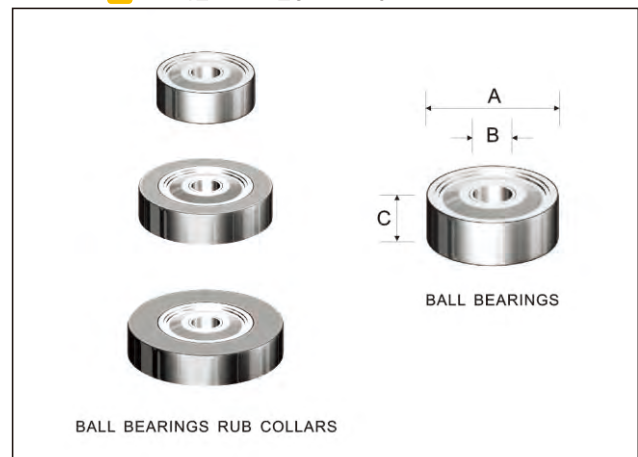


Drawings are 1:1 scale

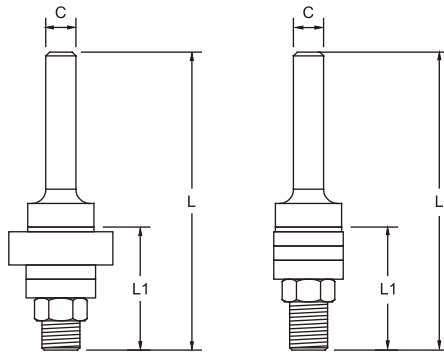
706 Ball Bearings

	A inch	B inch	C inch	Part No.
1	1/4"	1/8"	7/64"	706011
2	3/8"	1/8"	5/32"	706021
3	3/8"	3/16"	1/8"	706031
4	3/8"	1/4"	1/8"	706041
5	1/2"	3/16"	5mm	706051
6	1/2"	1/4"	3/16"	706061
7	5/8"	3/16"	5mm	706069
8	5/8"	1/4"	5mm	706071
9	3/4"	3/16"	5mm	706079
10	3/4"	1/4"	9/32"	706081
11	3/4"	1/2"	5mm	706091
12	7/8"	3/16"	5mm	706094
13	1"	3/16"	5mm	706097
14	1"	1/2"	5mm	706100
15	1-1/8"	3/16"	5mm	706099
16	1-1/8"	1/2"	5/16"	706101
17	1-1/4"	1/2"	5/16"	706151
18	1-3/8"	3/16"	5mm	706105
19	1-3/8"	1/2"	5/16"	706161
20	1-1/2"	1/2"	5/16"	706171
21	1-5/8"	3/4"	7/16"	706181
22	1-11/16"	3/4"	7/16"	706191
23	1-3/4"	3/4"	7/16"	706201
24	1-7/8"	3/4"	7/16"	706211
25	2"	3/4"	7/16"	706221
26	2-1/8"	3/4"	7/16"	706231
27	2-3/16"	3/4"	7/16"	706241
28	2-5/8"	3/4"	7/16"	706251
29	2-15/16"	3/4"	7/16"	706261

	A mm	B mm	C mm	Part No.
1	6	3	2.5	706010
2	8	4	3	706107
3	10	5	4	706042
4	11	4	4	706043
5	12	6	4	706045
6	12	8	3.5	706050
7	13	6	5	706063
8	15	6	5	706103
9	16	8	5	706106
10	19	6	6	706108
11	19	8	6	706109
12	22	6	7	706110
13	22	8	7	706111
14	22	16	4	706113
15	26	10	8	706098
16	28	8	9	706116
17	28	12	8	706118
18	28.6	8	7	706141
19	32	12	10	706121
20	35	10	11	706123
21	35	15	11	706125
22	37	12	12	706126
23	42	25	9	706131



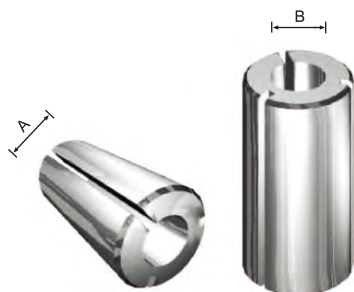
707 Arbors



	L1 mm	L mm	C=Ø6x32mm Part No.	C=Ø8x32mm Part No.	C=Ø12x40mm Part No.	Bearing No.
1	26	63	707612	707812		
2	26	71			707221	
3	40	77	707631	707831		
4	26	71			707241	706111
5	26	63		707851		706111
6	40	77		707861		706111

708 Reduction Sleeves

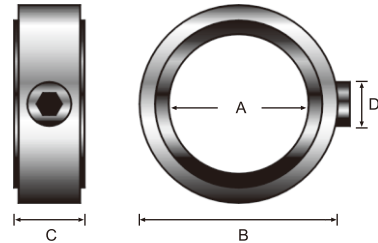
Split reducing sleeves to allow smaller shank cutters to be used in larger routing machines.



To fit collet	To fit shank	
OD(A) mm	OD(B) mm	Part No.
12	6	708007
12	8	708008
12.7	6	708010
12.7	6.35	708011
12.7	9.5	708021
12.7	12	708031

901 Stop Collars

Collars are used for cutters with shank mounted bearings.



Part No.	Diameters Inside x Outside A x B	Shim Thickness C	D
901011	6mm(0.237")x11mm(0.433")	5.5mm(0.217")	M3
901021	6.35mm(0.250")x11mm(0.433")	5.5mm(0.217")	M3
901031	8mm(0.315")x14mm(0.551")	6.4mm(0.252")	M4
901041	12mm(0.473")x18mm(0.709")	6.4mm(0.252")	M4
901051	12.7mm(0.500")x18mm(0.709")	6.4mm(0.252")	M4

⊙ **Explanation of symbol** ⊙

VHW : Solid Tungsten Carbide Insert
HWM : Solid tungsten carbide
HW : Tungsten carbide tipped
Z1 : One cutting edge
Z1+1 : One+One Cutting edges
Z2 : Two cutting edges
Z2+1 : Two+One cutting edges

高偉精密科技股份有限公司
ARDEN PRECISION TECHNOLOGY CO., LTD

No. 28, Jingke S. Rd., Nantun Dist.,
Taichung Taiwan #408

Tel: +886-2355-4488 Fax: +886-2355-4438

Email: gw3838@ms8.hinet.net

ARDEN

Bring out the beauty in wood

NO. MM 2101