

Router Bits



Straight Plunge



Trimming & Beveling



GROOVING



Profiling



Rabbeting



Jointing



Door Making



Solid Surface

ROUTER BITS

'V' GROOVE 2 FLUTE

Cut decorative 'V' grooves and lettering on signs with these 'V' Groove bits. Use with an edge guide to chamfer and bevel edges. Can be used with handheld, table-mounted and CNC routers.

ØD	a°	B	Tool No.	B1	Ød	L
1/2	60°	5/8	† 45705	7/16	1/4	1-3/4
3/8	90°	7/16	45700	3/16	1/4	1-5/8
3/8	90°	7/16	45702	3/16	1/2	2
1/2	90°	1/2	45704	1/4	1/4	1-5/8
1/2	90°	1/2	45708	1/4	1/2	2-1/8
5/8	90°	1/2	45710	5/16	1/4	1-5/8
5/8	90°	1/2	45712	5/16	1/2	2
3/4	90°	5/8	45714	3/8	1/4	1-3/4
3/4	90°	5/8	45716	3/8	1/2	2-1/8
7/8	90°	5/8	45718	7/16	1/4	1-7/8
7/8	90°	5/8	45720	7/16	1/2	2-1/4
1	90°	5/8	45722	1/2	1/4	1-7/8
1	90°	5/8	45724	1/2	1/2	2-1/4
1-1/4	90°	3/4	45726	5/8	1/2	2-1/2
1-1/4	90°	15/16	45751	5/8	1/4	2-13/64
1-1/4	100°	53/64	45752	17/32	1/4	2-3/32
1-1/4	110°	47/64	45754	7/16	1/4	2
1-1/4	120°	21/32	45756	23/64	1/4	1-59/64
1-1/4	130°	31/64	45758	13/64	1/4	1-3/4
1-1/4	140°	31/64	45764	15/64	1/4	1-47/64
1-1/4	150°	7/16	45770	11/64	1/4	1-11/16
18 1-1/2	90°	1	45728	3/4	1/2	2-3/4
12 2	90°	1-3/4	45732	1	1/2	3-1/4
18 1-1/4	90°	3/4	★ 45726-CNC	5/8	1/2	2-1/2
18 1-1/2	90°	1	★ 45728-CNC	3/4	1/2	2-3/4
18 2	90°	1-3/4	★ 45732-CNC	1	1/2	3-1/4

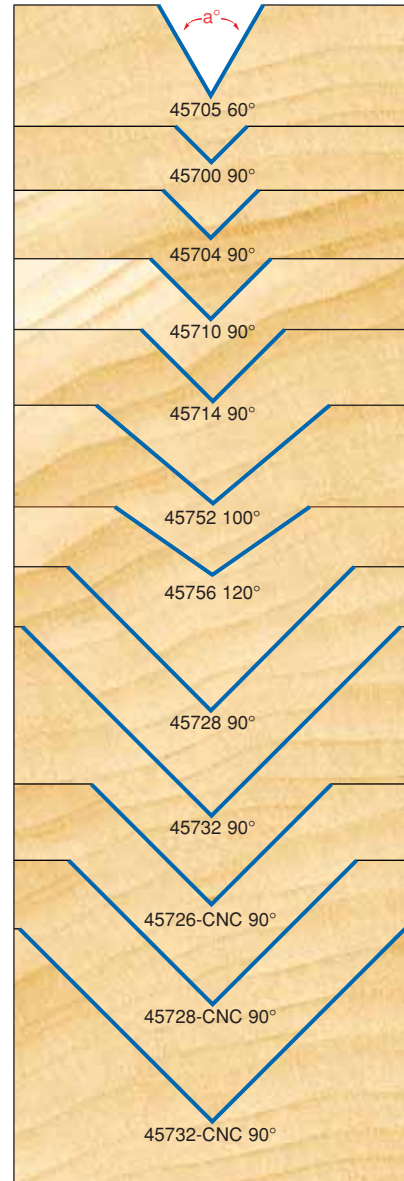
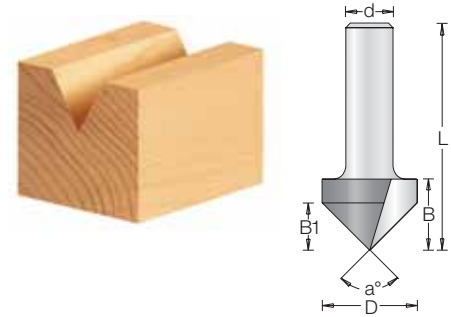
NOTE: 90° 'V' Groove bits are for decorative purposes and are not intended for 'miter-folding', etc.
† 2 flute 60° 'V' Groove bit designed for lettering, signmaking and decorative work.

WARNING: Maximum RPM ~~12~~ = 12,000; ~~18~~ = 18,000

★ **WARNING:** These tools have an open flute design (not anti-kickback) and are intended for high feed-rate CNC machine use only. Do Not use in portable routers.



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





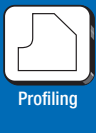
Straight Plunge



Trimming & Beveling



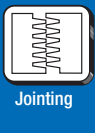
GROOVING



Profiling



Rabbeting



Jointing



Door Making



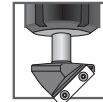
Solid Surface

Router Bits



'V' GROOVE & SIGNMAKING "MITER FOLD" INSERT 1/2" SHANK

New



ALSO OPTIMAL FOR CNC USE

These industrial insert router bits were especially designed for applications including:

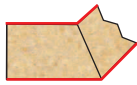
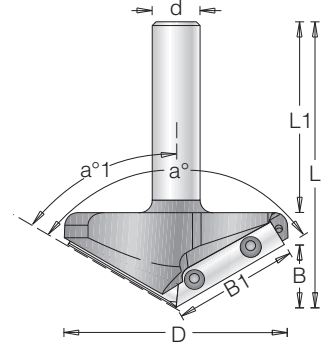
- Miter Folds - "create the perfect joint"
- Signmaking and Lettering

The innovative CNC tool design uses high grade carbide insert knives which allow you to get two uses out of each insert. Once insert knife shows signs of wear, just rotate the insert for a brand new cutting edge. Secure locking screw system ensures maximum safety and maintains cutting accuracy. CNC router requires quality hold-downs to ensure the least possibility of material shifting during operation.

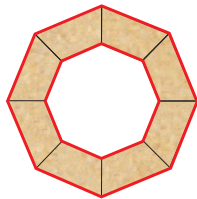


ADVANTAGES OF INSERT TOOLING

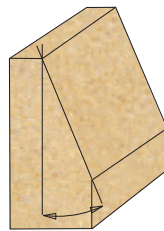
- Long lasting insert knives provide superior smooth quality cuts every time.
- Quick and precise replacement of dull knives.
- Insert accuracy extends tool life.
- Insert tooling allows for harder grades of carbide.
- Special carbide grades for special applications.
- Knives can be re-sharpened multiple times without affecting the original profile
- Cost-effective solution compared to replacing brazed router bits.



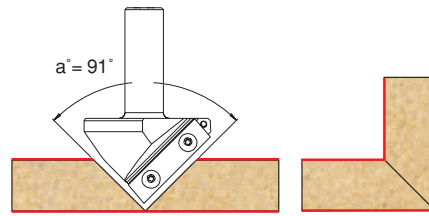
45° FOLD
RC-1102



8 sides (22.5°)
RC-1045



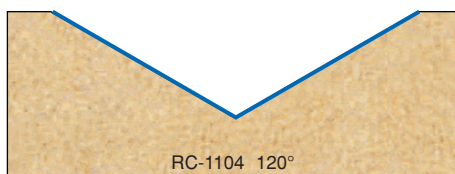
22.5°
RC-1045



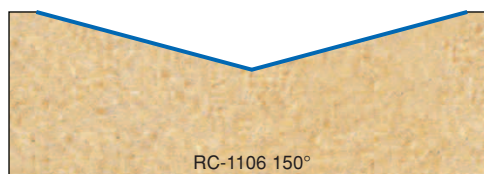
RC-1100



	ØD	a°	a°1	B	B1	Flutes	Ød	Tool No.	L1	L	Gen. Purpose Repl.T.C Knife	MDF Repl.T.C Knife	Torx Screw
18	13/16	45°	22.5°	1	1- 1/16	1	1/2	RC-1045	1-3/8	2-3/8	RCK-56	RCK-350	67117
18	7/8	50°	25°	31/32	1- 1/16	1	1/2	RC-1046	1-1/2	2-9/16	RCK-56	RCK-350	67117
18	1-1/32	60°	30°	29/32	1- 1/16	1	1/2	RC-1108	1-3/8	2-7/16	RCK-56	RCK-350	67117
18	1-7/32	70°	35°	7/8	1- 1/16	1	1/2	RC-1048	1-1/2	2-9/16	RCK-56	RCK-350	67117
22	1-1/2	90°	45°	3/4	1- 1/16	1	1/2	RC-1102	1- 25/32	3	RCK-134	RCK-351	67117
22	1-1/2	91°	45.5°	3/4	1- 1/16	1	1/2	RC-1100	1- 25/32	3	RCK-119	RCK-352	67117
22	1-5/8	100°	50°	11/16	1- 1/16	1	1/2	RC-1103	2	3-3/16	RCK-119	RCK-352	67117
22	1-3/4	110°	55°	5/8	1- 1/16	2	1/2	RC-1105	2	3-3/16	RCK-119	RCK-352	67117
18	2-1/32	120°	60°	9/16	1-5/32	2	1/2	RC-1104	2	3-1/16	RCK-136	RCK-353	67139
16	2-1/8	130°	65°	1/2	1-5/32	2	1/2	RC-1107	2	3	RCK-137	RCK-354	67115
14	2-1/4	150°	75°	9/32	1-5/32	2	1/2	RC-1106	2	2-15/16	RCK-137	RCK-354	67115
14	2-5/16	160°	80°	3/16	1-5/32	2	1/2	RC-1109	2	2-25/32	RCK-137	RCK-354	67115



RC-1104 120°



RC-1106 150°

WARNING: Maximum RPM ~~14~~ = 14,000; ~~16~~ = 16,000; ~~18~~ = 18,000; ~~22~~ = 22,000

Wood profiles shown at actual size. 3D renderings & tool illustrations not shown at actual size. For additional 1:1 profiles and a complete replacement part listing visit www.amanatool.com

For more bits for CNC with 3/4" shank see page 132

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Door Making



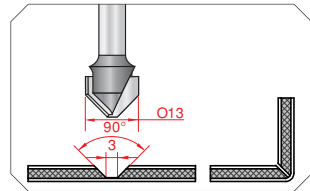
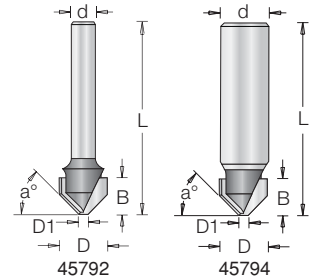
Solid Surface

ROUTER BITS

DOUBLE EDGE FOLDING 'V' GROOVE FOR SHAPING COMPOSITE PANELS

Designed for cutting aluminum/plastic sandwich materials like Alucobond®, Dibond® etc. with a 90° angle and flat bottom. These bits are widely used as cladding for many diverse applications such as office buildings, hospitals, convention centers, airports, hotels. Routing V-shaped grooves, whereby the aluminium cover and a part of the polyethylene core is removed, allows folding the remaining material by hand.

ØD	ØD1	a°	Tool No.	B	Ød	L
1/2	0.090	45°	45792	3/8	1/4	2
1/2	0.090	45°	45794	3/8	1/2	2



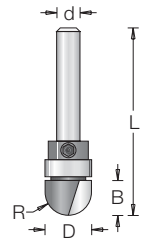
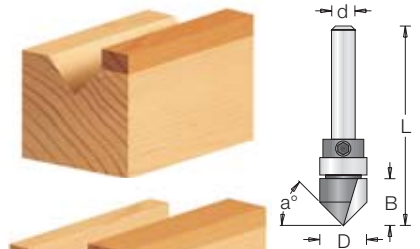
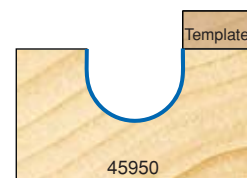
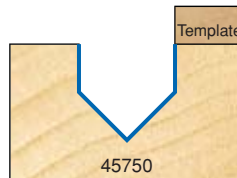
CORE BOX & 'V' GROOVE WITH UPPER BALL BEARING 2 FLUTE

Designed for fluting and 'V' grooving cuts guided by a template or pattern. The shank-mounted ball-bearing pilot rides along the template edge, and the cutter duplicates the template contour in the workpiece. With a handheld router, the template must be on top of the workpiece. With a table-mounted router, the template must be on bottom of the workpiece.

ØD	a°	R	B	Tool No.	Ød	L	Type
1/2	90°	-	1/2	*45750	1/4	2	'V' Groove
1/2	-	1/4	3/8	45950	1/4	2	Core Box

Replacement Bearing: #47701. Replacement Collar: #47724.

*NOTE: 90° 'V' Groove bit is for decorative purposes and is not intended for 'miter-folding', etc.

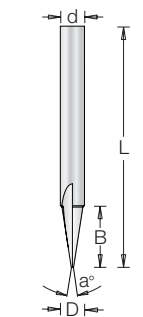
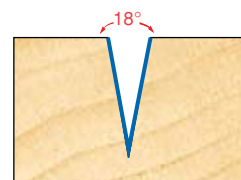


CARVING LINER SOLID CARBIDE SINGLE FLUTE

New

For extra-fine carving and lettering details.

ØD	a°	B	Tool No.	Ød	L
1/4	18°	5/8	45783	1/4	2-1/2

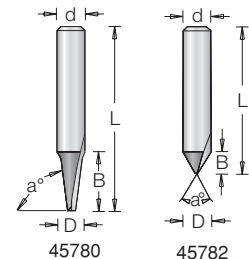


CARVING/ENGRAVING SOLID CARBIDE 2 FLUTE



For fine-line "engraving" in wood and composite materials, use either of these compact bits. Two-flute configuration and modest length (which minimizes vibration) combine to produce crisp, clean cuts.

ØD	a°	Tool No.	B	Ød	L
3/16	82.5°	45780	1/2	1/4	2
1/4	60°	45782	3/16	1/4	1-1/2





Straight Plunge



Trimming & Beveling



GROOVING



Profiling



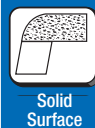
Rabbeting



Joining



Door Making



Solid Surface

Router Bits



30° ENGRAVING ROUTER BITS FOR SIGNMAKING

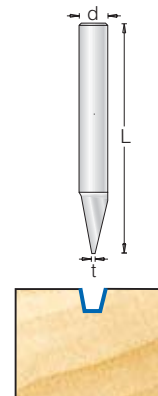
SINGLE FLUTE

For extra-fine carving and lettering details. These tools are used for wood, plastic, aluminum and solid surface materials.



t = tip width	Tool No.	Ød	L
28 0.005"	45771	1/4"	2
28 0.010"	45772	1/4"	2
28 0.020"	45773	1/4"	2
28 0.030"	45774	1/4"	2
28 0.040"	45775	1/4"	2
28 0.060"	45776	1/4"	2
28 0.090"	45777	1/4"	2
0.005" - 0.090"	45779	30° Set (7 Pcs.)	2

WARNING: Maximum RPM = 28,000



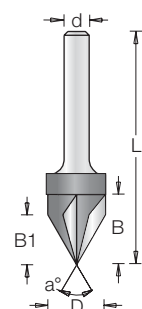
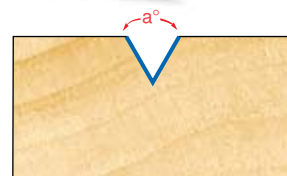
ROUTER BITS

SIGNMAKING AND LETTERING SOLID CARBIDE CUTTING HEAD

Originally developed in Europe specifically for professional signmakers, this solid-carbide bit features an extra-fine 60° point that produces a clean, precise cut. For those intricate lines, this bit is superior to standard 'V' groover. Makes crisp, clean cuts in solid woods, MDF and acrylics.

ØD	a°	B	Tool No.	Flute	B1	Ød	L
9/16	60°	7/16	45730	3	1/2	1/4	2-1/4
9/16	60°	7/16	45733	3	1/2	1/2	2-1/4
9/16	60°	7/16	*45731	1	1/2	1/4	2-1/2

*Specialty 1 flute bit designed for optimal use with Acrylics.

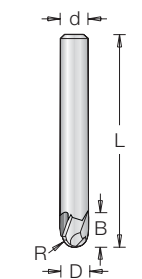


BOTTOM ROUND

2 FLUTE

Developed for producing round bottomed grooves in hardwood and softwood, plywood and composition material. Used for engraving and carving.

ØD	R	Tool No.	B	Ød	L
1/4	1/8	45784	3/8	1/4	2-1/2
3/8	3/16	45786	7/16	3/8	3

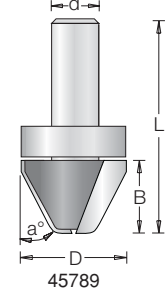
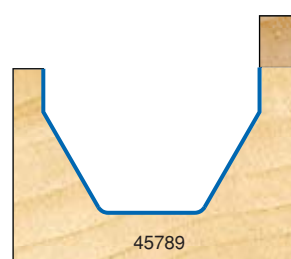
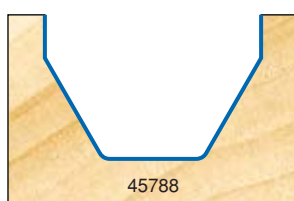
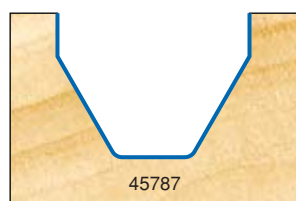
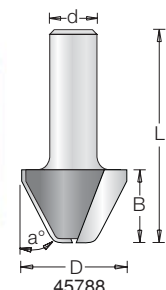


LETTERING 60° ANGLE

Designed for routing signs. The 60° cutting angle expels excess material quickly and eliminates chipping and splintering. For use in hardwood, softwood, plywood and composition material.

ØD	a°	Tool No.	B	Ød	L
1	60°	45787	3/4	1/4	2-1/2
1-1/8	60°	45788	3/4	1/2	2-3/4
1-1/8	60°	*45789	3/4	1/2	2-3/4

*Replacement bearing #47738. Replacement collar #47740.



Wood profiles shown at actual size. 3D renderings & tool illustrations not shown at actual size. For additional 1:1 profiles and a complete replacement part listing visit www.amanatool.com

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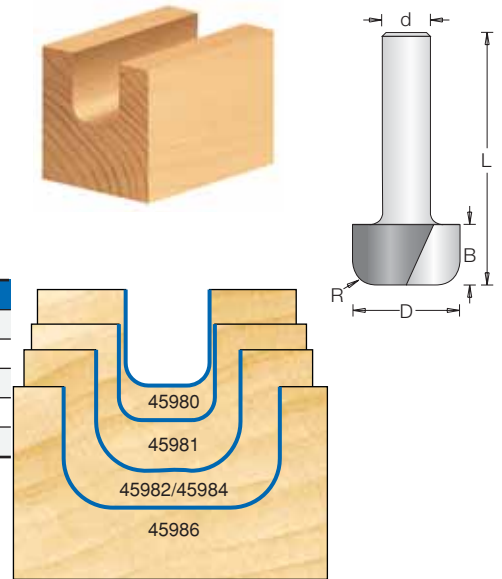
Solid Surface

BOWL & TRAY

2 FLUTE

For routing solid wood serving trays, flat dishes, shallow bowls, and similar objects, use this 3-in-1 specialty plunging bit. It cuts flat, smooth bottom surfaces, vertical walls, and a transition radius between them, all in one pass. It can be used in handheld, table-mounted and CNC routers.

ØD	R	Tool No.	B	Ød	L
7/16	1/8	45980	1/2	1/4	2
1/2	1/8	45981	1/2	1/4	2-1/8
3/4	1/4	45982	5/8	1/4	2-5/8
3/4	1/4	45984	5/8	1/2	2-5/8
1-1/8	1/4	45986	5/8	1/2	2-5/8

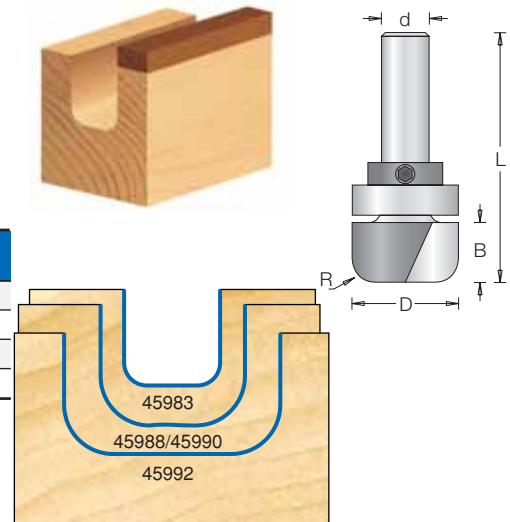


BOWL & TRAY WITH UPPER BALL BEARING

2 FLUTE

Same bit as above, but with a shank-mounted bearing so the bit can be used with a template or pattern.

ØD	R	B	Ød	Tool No.	L	Replacement Bearing	Collar
1/2	1/8	1/2	1/4	45983	2-1/8	47701	47724
3/4	1/4	5/8	1/4	45988	2	47714	47724
3/4	1/4	5/8	1/2	45990	2-5/8	47721	47739
1-1/8	1/4	5/8	1/2	45992	2-5/8	47738	47740



BALL END

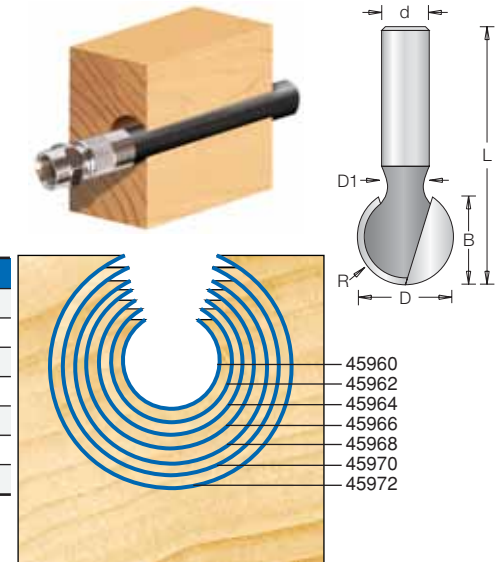
2 FLUTE



Cut channels for pipes or cables using the ball end bit. The profile requires the cut to be made in a single pass. To reduce stress on the bit, cut an initial groove using a straight bit matching the D1 dimension of the ball end bit.

ØD	ØD1	R	Tool No.	B	Ød	L
1/2	1/4	1/4	45960	7/16	1/2	2-1/4
5/8	9/32	5/16	45962	9/16	1/2	2-3/8
3/4	5/16	3/8	45964	11/16	1/2	2-1/2
7/8	5/16	7/16	45966	13/16	1/2	2-5/8
1	11/32	1/2	45968	15/16	1/2	2-3/4
1-1/8	13/32	9/16	45970	1-1/16	1/2	2-7/8
1-1/4	7/16	5/8	45972	1-3/16	1/2	3

NOTE: Profile is useful as a 'conduit' for cables, pipes, etc.





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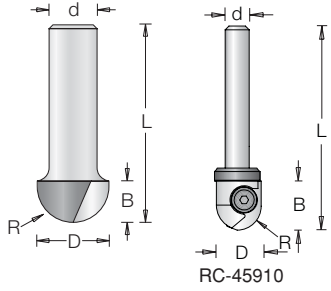


ROUTER BITS

CORE BOX

2 FLUTE

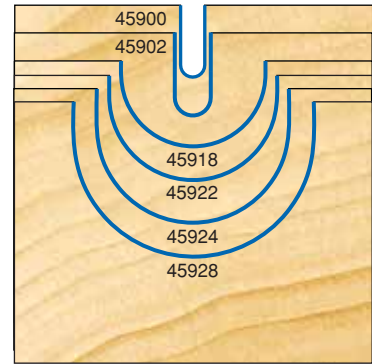
Cut half-round grooves for fluted moldings, columns, millwork and signs using a core box bit. Used with an edge guide, it can cut coves. Can be used with handheld, table-mounted and CNC routers.



RCK-266

RC-45910

ØD	R	Tool No.	B	Ød	L
1/8	1/16	45900	3/8	1/4	1-3/4
3/16	3/32	45902	1/2	1/4	1-3/4
1/4	1/8	45904	1/4	1/4	1-5/8
3/8	3/16	45906	1/4	1/4	1-1/2
3/8	3/16	45908	1/4	1/2	2
1/2	1/4	45910	3/8	1/4	1-1/2
New 1/2	1/4	RC-45910	1/2	1/4	2-1/8
1/2	1/4	45912	3/8	1/2	2-1/8
5/8	5/16	45914	7/16	1/4	1-5/8
5/8	5/16	45916	7/16	1/2	2
11/16	3/8	45923	7/16	1/2	2
3/4	3/8	45918	7/16	1/4	1-3/4
3/4	3/8	45920	7/16	1/2	2
7/8	7/16	45922	1/2	1/2	2-1/4
1	1/2	45924	5/8	1/4	1-3/4
1	1/2	45926	11/16	1/2	2-1/8
20 1-1/4	5/8	45928	3/4	1/2	2-5/16
18 1-1/4	5/8	★ 45944-CNC	1-1/4	1/2	2-3/4
18 1-1/2	3/4	★ 45946-CNC	1-1/4	1/2	2-3/4
18 2	1	★ 45948-CNC	1-1/4	1/2	2-3/4



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

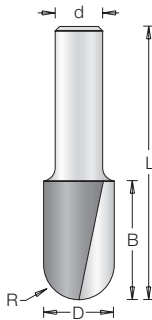
★WARNING: These tools have an open flute design (not anti-kickback) and are intended for high feed-rate CNC machine use only. Do not use in portable routers.

☐ Replacement Knife #RCK-266 (RC-45910 - single flute)

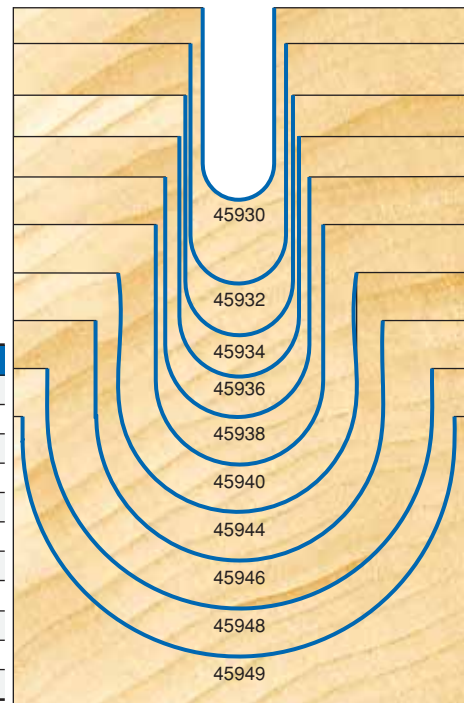
ELONGATED CORE BOX

2 FLUTE • EXTRA DEEP

Cut much deeper flutes than possible with a regular core box bit.



ØD	R	Tool No.	B	Ød	L
3/8	3/16	45930	1	1/2	2-3/4
1/2	1/4	45932	1-1/4	1/2	2-3/4
9/16	9/32	45934	1-1/4	1/2	2-3/4
5/8	5/16	45936	1-1/4	1/2	2-3/4
3/4	3/8	45938	1-1/4	1/2	2-3/4
7/8	7/16	45940	1-1/4	1/2	2-3/4
1	1/2	45942	1-1/4	1/2	2-3/4
20 1-1/4	5/8	45944	1-1/4	1/2	2-3/4
18 1-1/2	3/4	45946	1-1/4	1/2	2-3/4
14 2	1	45948	1-1/4	1/2	2-3/4
14 2-1/4	1-1/8	45949	1-1/4	1/2	3



NOTE: All core box wood sample illustrations shown actual size.

⚠ WARNING: Maximum RPM \triangle_{14} = 14,000; \triangle_{18} = 18,000; \triangle_{20} = 20,000

Wood profiles shown at actual size. 3D renderings & tool illustrations not shown at actual size. For additional 1:1 profiles and a complete replacement part listing visit www.amanatool.com

Router Bits



Straight Plunge



Trimming & Beveling



GROOVING



Profiling



Rabbeting



Jointing

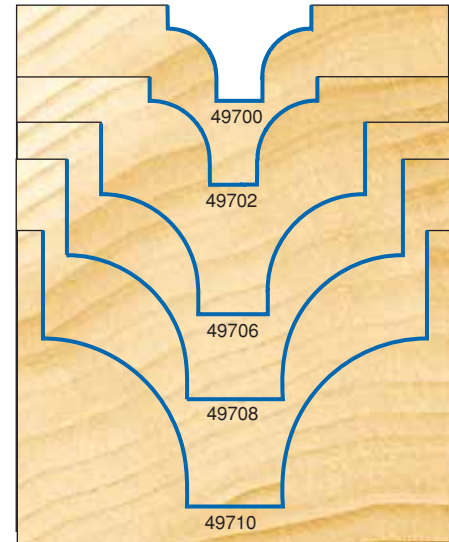
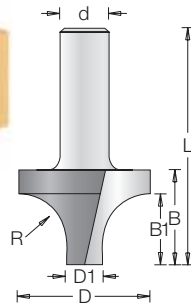


Door Making



Solid Surface

ROUND OVER GROOVE 2 FLUTE



This bit creates a flat-bottom groove between two quarter-round shapes. Short vertical walls extending below the radius lend extra depth to the appearance. Depending upon the cut depth adjustment, the radii can be flush with the work surface or recessed. The profile can be formed on an edge using an edge guide or, on the router table using a fence.

ØD	ØD1	R	B	Tool No.	B1	Ød	L
3/4	.240	1/4	1/2	49700	3/8	1/2	2
.615	.240	3/16	1/2	49701	3/16	1/2	2-1/8
7/8	.245	5/16	9/16	49702	7/16	1/2	2-1/16
1	.250	3/8	5/8	49704	15/32	1/2	2-1/8
1-3/8	.363	1/2	1	49706	3/4	1/2	2-1/2
14 1-3/4	.500	5/8	1-1/4	49708	1	1/2	2-3/4
14 2	.500	3/4	1-7/16	49710	1-1/8	1/2	2-15/16
14 1-3/8	.363	1/2	1	★49706-CNC	3/4	1/2	2-1/2
14 1-3/4	.500	5/8	1-1/4	★49708-CNC	1	1/2	2-3/4
14 2	.500	3/4	1-7/16	★49710-CNC	1-1/8	1/2	2-15/16



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

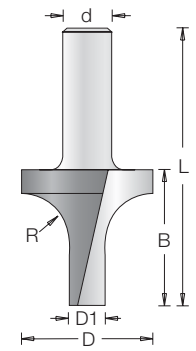
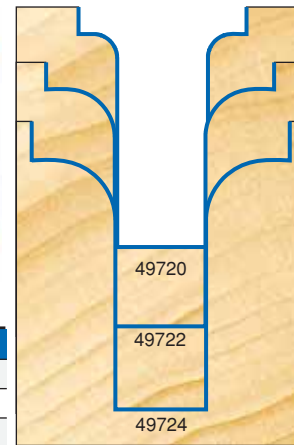
★WARNING: These tools have an open flute design (not anti-kickback) and are intended for high feed-rate CNC machine use only. Do not use in portable routers.

ROUND OVER GROOVE - ELONGATED PLUNGE 2 FLUTE • EXTRA DEEP



Proportion alone distinguishes this bit from the series above. This one cuts a deep, 1/2-inch-wide groove with small-radius shoulders. It can be used in a handheld or table-mounted routers; the cut must be guided by an edge-guide or fence.

ØD	ØD1	R	Tool No.	B	Ød	L
7/8	1/2	1/8	49720	1-1/4	1/2	2-1/2
1-3/16	1/2	1/4	49722	1-3/8	1/2	2-3/8
1-11/32	1/2	5/16	49724	1-1/2	1/2	3

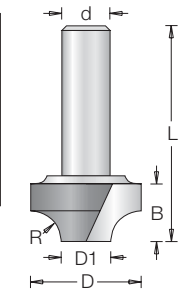
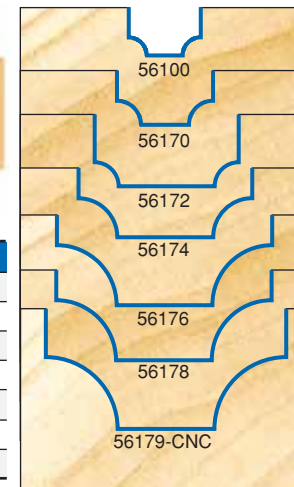


BEADING GROOVE 2 FLUTE



Quarter-round profiles are formed by this bit as it grooves, one on each side of a flat. The scale and depth of the beading profile distinguishes it from the roundover above. Used with a fence or edge guide, this beading bit can be used as an edge former.

ØD	ØD1	R	Tool No.	B	Ød	L
3/8	3/16	3/32	56100	5/16	1/4	2
1/2	1/4	1/8	56170	3/8	1/4	1-7/8
3/4	1/2	1/8	56172	3/8	1/4	2
7/8	1/2	13/64	56174	15/32	1/4	2-3/16
14 1-1/8	1/2	5/16	56176	9/16	1/4	2-3/8
14 1-1/8	1/2	5/16	56178	9/16	1/2	2-3/4
New 1-1/4	1/2	3/8	56179-CNC	5/8	1/2	2-9/16



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

⚠ WARNING: Maximum RPM ¹⁴ = 14,000

Wood profiles shown at actual size. 3D renderings & tool illustrations not shown at actual size. For additional 1:1 profiles and a complete replacement part listing visit www.amanatool.com



Straight Plunge



Trimming & Beveling



GROOVING



Profiling



Rabbeting



Jointing



Door Making



Solid Surface

Router Bits

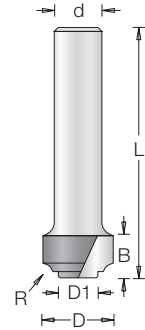
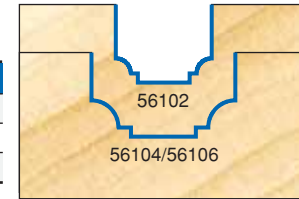


TRADITIONAL GROOVE

2 FLUTE

The “traditional” profile is similar to the beading, but it is more delicate and includes a step between the quarter-round and the flat bottom to the groove. Use it for routing decorative details on solid wood surfaces.

ØD	ØD1	R	Tool No.	B	Ød	L
1/2	.270	5/64	56102	13/32	1/4	2-1/16
3/4	.338	9/64	56104	7/16	1/4	2-1/16
3/4	.394	9/64	56106	7/16	1/2	2-5/8



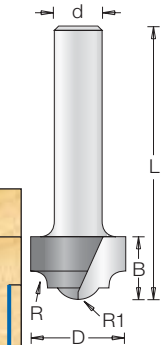
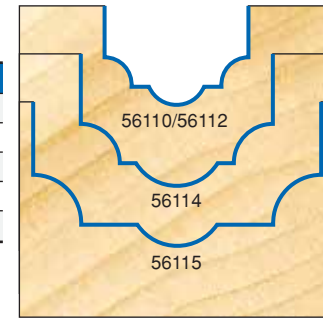
ROUTER BITS

CLASSICAL GROOVE

2 FLUTE

Use this bit to form a bead-sided groove with a rounded bottom to embellish solid wood surfaces. It can be used in handheld, table-mounted and CNC routers, guided with an edge guide, fence, or in conjunction with a template guide bushing.

ØD	R	R1	Tool No.	B	Ød	L
1/2	3/32	9/64	56108	7/16	1/4	2
3/4	9/64	5/32	56110	1/2	1/4	2-1/16
3/4	9/64	5/32	56112	1/2	1/2	2-3/4
1	13/64	1/4	56114	11/16	1/2	3
1-1/2	1/4	1/4	56115 ♦	3/4	1/2	3



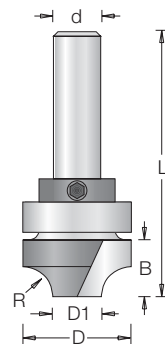
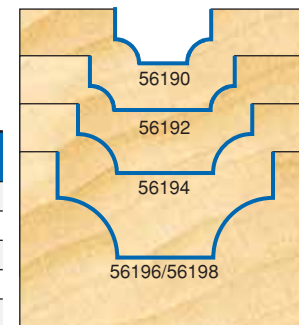
♦ Use in a table-mounted router. Not for use in a handheld router!

BEAD GROOVE WITH UPPER BALL BEARING

2 FLUTE

This is the same bit as the beading groove, but with a shank-mounted ball-bearing pilot for use with patterns.

ØD	ØD1	R	B	Tool No.	Ød	L	Replacement Bearing Collar
1/2	1/4	1/8	3/8	56190	1/4	1-7/8	47701 47724
3/4	1/2	1/8	3/8	56192	1/4	2	47714 47724
7/8	1/2	13/64	15/32	56194	1/4	2-5/16	47708 47724
1-1/8	1/2	5/16	9/16	56196	1/4	2-5/16	47738 47724
1-1/8	1/2	5/16	9/16	56198	1/2	2-5/16	47738 47770



TIP: Use plunge form bits for routing decorative details on the face side of raised panels or solid wood paneling, or on the edge using a fence.

Router Bits



Straight Plunge



Trimming & Beveling



GROOVING



Profiling



Rabbeting



Jointing



Door Making



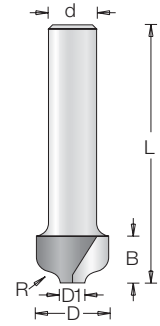
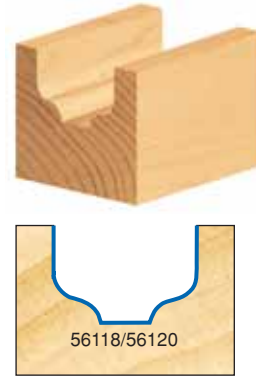
Solid Surface

OGEE GROOVE

2 FLUTE

Rout a flat-bottom groove with ogee shoulders. Decorate any solid wood surface using a handheld or CNC router.

ØD	ØD1	R	Tool No.	B	Ød	L
3/4	.256	9/64	56118	1/2	1/2	2-3/4
3/4	.249	9/64	56120	1/2	1/4	2-1/8
1/2	.157	5/64	56122	3/8	1/4	2
3/8	.123	1/16	56124	5/16	1/4	2

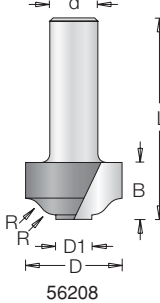
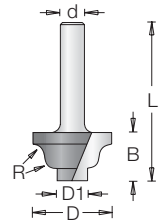
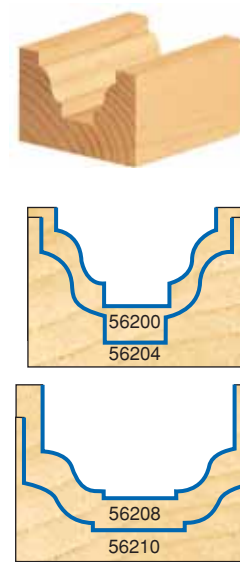


OGEE GROOVE

2 FLUTE

This bit is similar to the above, but forms a flat-bottom groove with a reverse ogee and step profile for the shoulders.

ØD	ØD1	R	Tool No.	B	Ød	L
13/16	5/16	1/8	56200	17/32	1/4	1-3/4
15/16	5/16	5/32	56204	21/32	1/4	1-7/8
1	3/8	3/16	56208	19/32	1/2	1-7/8
1-3/16	15/32	15/64	56210	19/32	1/2	1-7/8

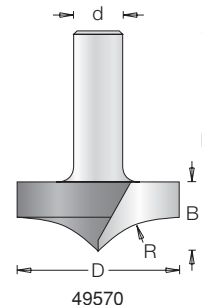
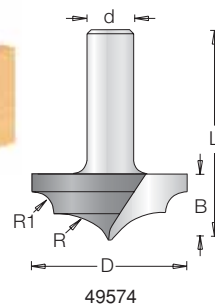
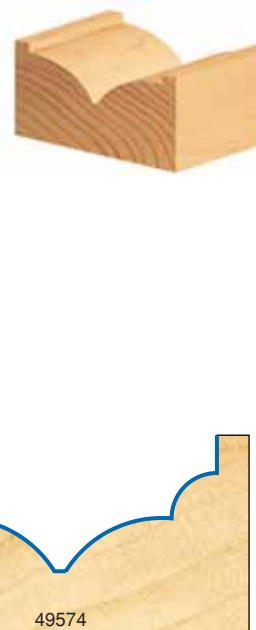


ROUND OVER GROOVE

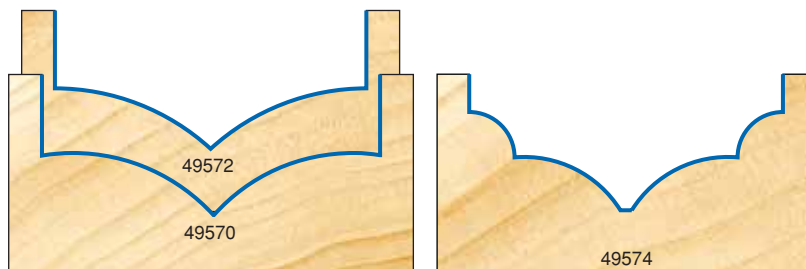
2 FLUTE

Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router. Form edges using an edge guide.

ØD	R	R1	Tool No.	B	Ød	L
1-3/4	23/32	-	49570	23/32	1/2	2-3/16
1-5/8	1	-	49572	23/32	1/2	2-3/16
1-5/8	19/32	1/4	49574	23/32	1/2	2-3/16



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





Straight Plunge



Trimming & Beveling



GROOVING



PROFILING



Rabbeting



Jointing



Door Making



Solid Surface

Router Bits



ROUTER BITS

ROUND & OGEE GROOVE

2 FLUTE

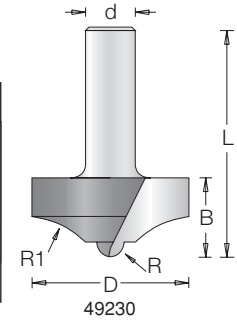
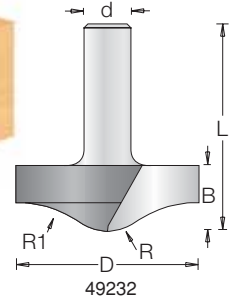
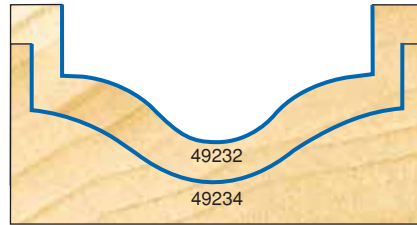
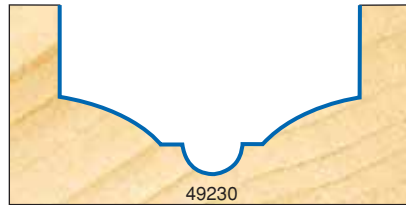
Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router. Form edges using an edge guide.

ØD	R	R1	Tool No.	B	Ød	L
1-9/16	5/32	7/8	49230	7/8	1/2	2-9/32
1-5/8	3/8	3/4	49232	23/32	1/2	2-3/16
1-31/32	5/8	1-3/16	49234	23/32	1/2	2-3/16

TIP: Use plunge form bits for routing decorative details on the face side of raised panels or solid wood paneling, or on the edge using a fence.



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

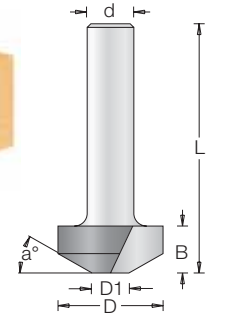


RAISED PANEL GROOVE

2 FLUTE

Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router. Form edges using an edge guide.

ØD	ØD1	a°	Tool No.	B	Ød	L
1-1/8	.454	30°	56116	1/2	1/2	2-3/4



RAISED PANEL GROOVE

2 FLUTE

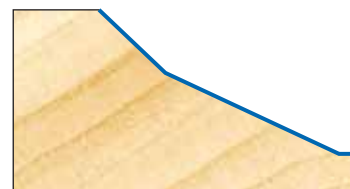
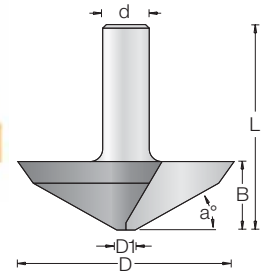
Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router.

ØD	ØD1	a°	Tool No.	B	Ød	L
18 2-23/32	7/32	25°	56117	3/4	1/2	2-1/4

WARNING: Maximum RPM $\triangle 18$ =18,000



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



Router Bits



Straight Plunge



Trimming & Beveling



GROOVING



Profiling



Rabbeting



Jointing



Door Making



Solid Surface

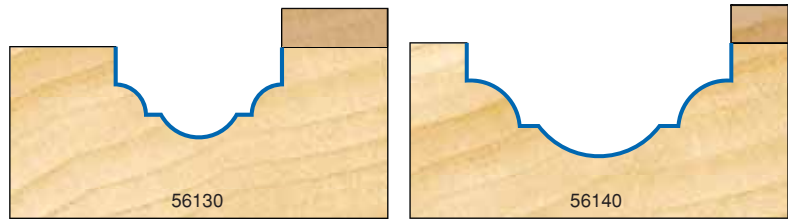
CLASSICAL GROOVE WITH BALL BEARING GUIDE

2 FLUTE

Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router. Form edges with a hand router equipped with an edge guide or on a router table. Shank-mounted bearing allows cuts to be guided by a template mounted atop the workpiece.

ØD	R	R1	Tool No.	B	Ød	L
7/8	5/32	7/32	56130	1/2	1/4	2
1-3/8	1/4	13/32	56140	9/16	1/2	2-5/8

Replacement Parts:		
Order #	Ball Bearing	Lock Ring
56130	47708	47748
56140	47734	47750



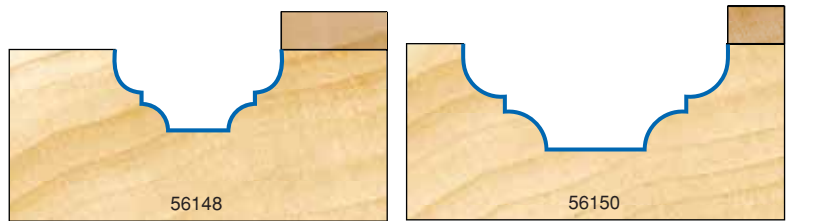
CLASSICAL GROOVE WITH BALL BEARING GUIDE

2 FLUTE

Rout decorative grooves on solid wood or MDF panels and surfaces with a handheld or CNC router. Form edges with a hand router equipped with an edge guide, or on a router table. Shank-mounted bearing allows cuts to be guided by a template mounted atop the workpiece.

ØD	ØD1	R	Tool No.	B	Ød	L
7/8	.319	9/64	56148	3/8	1/4	2
1-3/8	.522	13/64	56150	9/16	1/2	2-5/8

Replacement Parts:		
Order #	Ball Bearing	Lock Ring
56148	47708	47748
56150	47734	47750



CLASSICAL GROOVE WITH BALL BEARING GUIDE

2 FLUTE

ØD	R	R1	Tool No.	B	Ød	L
3/4	1/8	3/32	56154	3/8	1/4	2-1/8
1-1/8	5/32	1/8	56156	7/16	1/2	2-3/8
1-3/8	3/16	5/32	56158	1/2	1/2	2-1/2

Replacement Parts:		
Order #	Ball Bearing	Lock Ring
56154	47721	47748
56156	47738	47750
56158	47734	47750

