

PRO-SERIES Router Bits

- Carbide tipped
- Anti-kickback design
- Tri-foil brazing
- Micrograin carbide



PRO-SERIES

CARBIDE TIPPED ROUTER BITS

A.G.E.™ Pro-Series router bits are engineered & manufactured to maximize performance within your woodworking budget. A.G.E. bits feature:



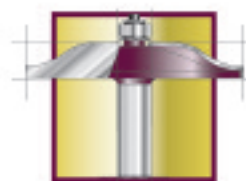
Tri-Foil
Brazing



Carbide
Tipped



ArmorMax™
Coating



Large Bits
Dynamically
Balanced



Clamshell
Packaging



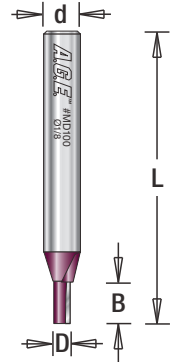
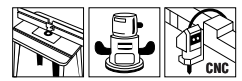
PRO-SERIES

STRAIGHT PLUNGE

1-FLUTE 1/4" Shank • Carbide Tipped

A single flute bit should be used where cut speed is more important than cut finish. Improved chip clearance is possible with a single flute, resulting in faster cuts.

ØD	B	ød	L	Tool No.
1/8	7/16	1/4	2	MD100 NEW
1/4	1	1/4	2-1/4	MD102 NEW

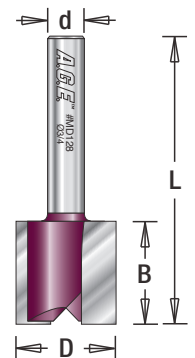
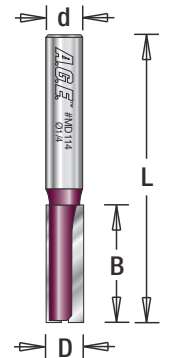

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STRAIGHT PLUNGE

2-FLUTE 1/4" Shank • Carbide Tipped

Use a two-flute bit where fine finish is paramount. Two flutes balance the bit, eliminating vibration that degrades the cut finish. Two cuts per revolution yield a smooth surface, but feed rate is slightly reduced.

ØD	B	ød	L	Tool No.
1/16	3/16	1/4	1-3/4	MD104
3/32	1/4	1/4	1-3/4	MD106 NEW
1/8	7/16	1/4	2	MD108
5/32	7/16	1/4	2	MD109 NEW
3/16	3/4	1/4	2-5/8	MD110
7/32	3/4	1/4	2	MD111 NEW
1/4	1/2	1/4	2	MD112 NEW
1/4	3/4	1/4	2	MD114
1/4	1	1/4	2-1/4	MD116
1/4	1	1/4	2-7/8	MD117 NEW
9/32	1	1/4	2-1/4	MD118 NEW
5/16	1	1/4	2-1/4	MD120
3/8	1	1/4	2-9/32	MD122
1/2	1	1/4	2-1/8	MD124
5/8	3/4	1/4	2	MD126 NEW
3/4	3/4	1/4	2	MD128

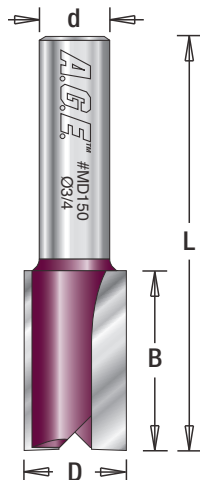




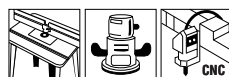
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STRAIGHT PLUNGE

2-FLUTE 1/2" Shank • Carbide Tipped



ØD	B	ød	L	Tool No.
1/4	3/4	1/2	2-1/2	MD130
3/8	1	1/2	2-3/4	MD134
5/16	1	1/2	2-3/4	MD132 NEW
3/8	1-1/4	1/2	3	MD136 NEW
7/16	1-1/4	1/2	3	MD137 NEW
1/2	1	1/2	2-5/8	MD138 NEW
1/2	1-1/4	1/2	2-7/8	MD140
1/2	1-1/2	1/2	3-3/16	MD142
1/2	2	1/2	4-1/4	MD144
1/2	2-1/2	1/2	4-1/2	MD146 NEW
9/16	1-1/4	1/2	2-7/8	MD147 NEW
5/8	1-1/4	1/2	2-7/8	MD148
3/4	1-1/4	1/2	2-7/8	MD150
7/8	1-1/4	1/2	2-7/8	MD152 NEW
1	1-1/4	1/2	2-7/8	MD154 NEW

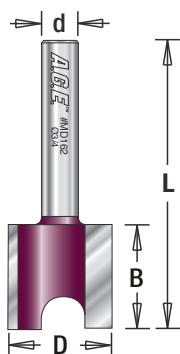


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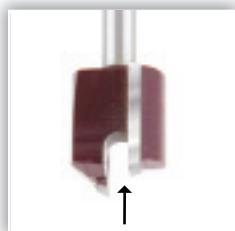
MORTISING

2-FLUTE 1/2" Shank • Carbide Tipped

These mortising bits make hardware installation a snap! The carbide tips leave edges sharp for a clean, professional installation, while the large gullet between the two flutes clears chips away quickly. The cutter geometry creates a crisp outline for a perfect fit.



ØD	B	ød	L	Tool No.
1/2	3/4	1/4	2	MD160
3/4	3/4	1/4	2	MD162



A proper mortising bit should have a large gullet between the two flutes which allows for greater chip clearance and removal.



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FLUSH TRIM

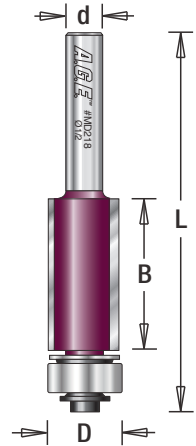
2-FLUTE Carbide Tipped

Two-flute is a good general-purpose choice, providing fast cuts and good finishes. Use these flush trimming bits for laminate work or for template and pattern work.

ØD	B	ød	L	Tool No.
3/8	1/2	1/4	2-1/8	* MD204
3/8	1	1/4	2-5/8	* MD206
1/2	1/2	1/4	2-1/4	** MD208
1/2	1	1/4	2-5/8	** MD210
1/2	1	1/2	3-1/4	** MD212
1/2	1-1/2	1/2	3-7/8	** MD214
1/2	2	1/2	4-1/4	** MD216

* Replacement bearing use #47702

** Replacement bearing use #47706

**PRO-SERIES**

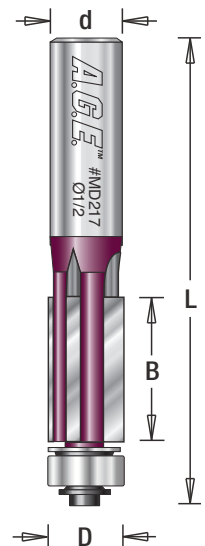
FLUSH TRIM

3-FLUTE Carbide Tipped

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

ØD	B	ød	L	Tool No.
1/2	1/2	1/2	2	MD215 NEW
1/2	1	1/4	2-5/8	MD218
1/2	1	1/2	3-1/4	MD217 NEW
1/2	1-1/2	1/2	3-7/8	MD219 NEW

Replacement bearing use #47706

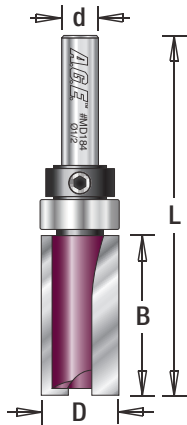




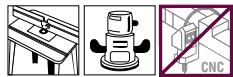
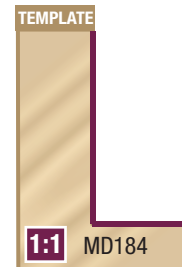
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FLUSH TRIM PLUNGE

2-FLUTE Carbide Tipped



ØD	B	ød	L	Replacement Bearing	Tool No.
1/2	1/4	1/4	1-3/4	47701	MD182
1/2	3/8	1/4	2-1/4	47701	MD180
1/2	1/2	1/4	2-1/8	47701	MD181 NEW
1/2	1	1/4	2-1/2	47701	MD184
1/2	1-1/4	1/4	2-3/4	47701	MD186
5/8	1	1/4	2-3/4	47712	MD188 NEW
3/4	1	1/4	2-1/2	47714	MD190 NEW
3/4	1	1/2	2-13/16	47721	MD192
3/4	1-3/4	1/2	3-3/4	47721	MD194
1-1/8	1-1/2	1/2	3-1/2	47738	MD196 NEW

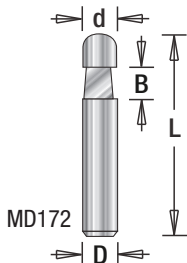
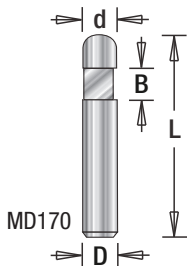


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FLUSH/ 7° BEVEL TRIM WITH PILOT

1-FLUTE Solid Carbide

The ideal laminate trimming router bit for high volume production. Solid carbide and integral pilot (no bearing to maintain) extends tool life while the slim configuration reduces vibration.



ØD	B	ød	L	Type	Tool No.
1/4	1/4	1/4	1-1/2	Flush	MD170 NEW
1/4	1/4	1/4	1-1/2	7° Bevel	MD172 NEW



PRO-SERIES

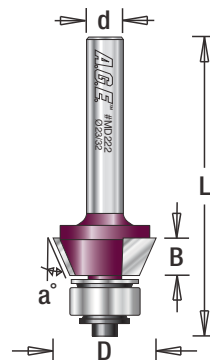
BEVEL TRIM

2-FLUTE Carbide Tipped

Steel bodied router bit for bevel trimming laminate with a standard router. The solid construction reduces vibration for the smoothest possible cut with a two-flute bit.

ØD	B	a°	ød	L	Tool No.
5/8	1/4	15°	1/4	2-5/64	MD220
1/2	5/16	22°	1/4	1-3/4	MD221 NEW
23/32	1/4	25°	1/4	2-5/64	MD222
1-1/16	9/32	45°	1/4	2	MD224 NEW

Replacement bearing use #47706

**PRO-SERIES**

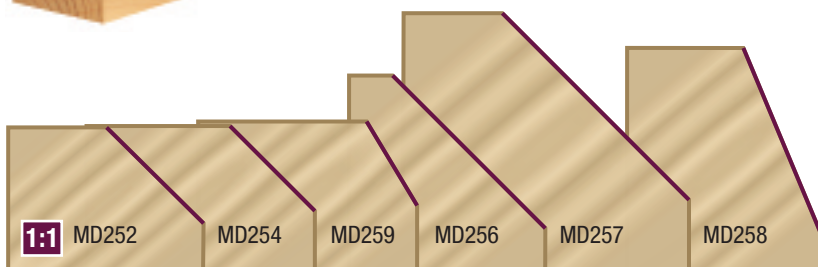
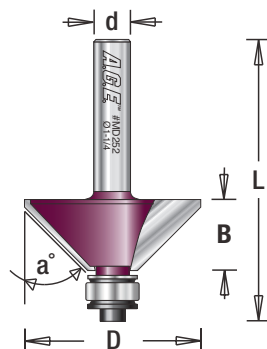
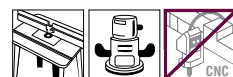
CHAMFER

2-FLUTE Carbide Tipped

Chamfer or bevel edges for decorative effect or to form edge miter joints. Produce crisp, uniform edges at accurate angles to make 4, 6, 8, 12 and 16-sided boxes.

ØD	B	a°	ød	L	Tool No.
1-1/4	15/16	22-1/2°	1/2	2-7/8	** MD258
1-3/8	13/16	30°	1/2	2-3/4	** MD259 NEW
1-1/4	17/32	45°	1/4	1-61/64	* MD252
1-1/4	17/32	45°	1/2	2-3/8	* MD254
2	3/4	45°	1/2	2-25/32	** MD256
2-3/8	1	45°	1/2	2-7/8	** MD257 NEW

* Replacement bearing use #47701; ** Replacement bearing use #47706





PRO-SERIES

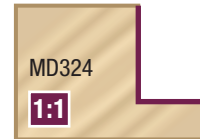
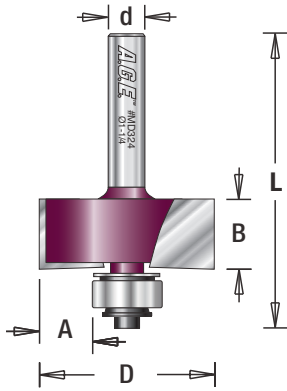
RABBET

2-FLUTE Carbide Tipped

This standard rabbeting bit cuts 3/8" wide and 1/2" deep. Use the multi-rabbet bit in the table below for four different rabbet steps.

ØD	A	B	ød	L	Tool No.
1-1/4	3/8	1/2	1/4	2-3/64	MD324
1-1/4	3/8	1/2	1/2	2-3/8	MD326

Replacement bearing use #47706



PRO-SERIES

MULTI-RABBET

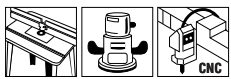
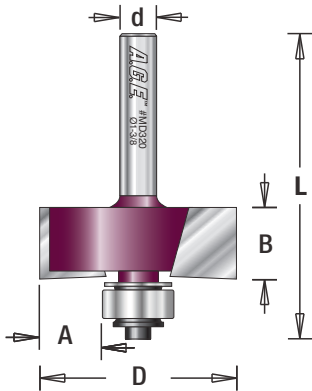
2-FLUTE Carbide Tipped

The multi-rabbet bit steps in 1/16" increments from a 5/16" cut width to 1/2", simply by switching ball-bearing guides. Four different bearings are provided. Depth of cut capacity of 1/2".

Bearings Included

1/2"	
7/16"	
3/8"	
5/16"	

ØD	A	B	ød	L	Tool No.
1-3/8	5/16, 3/8, 7/16, 1/2	1/2	1/4	2-1/8	MD320
1-3/8	5/16, 3/8, 7/16, 1/2	1/2	1/4	2-3/8	MD322



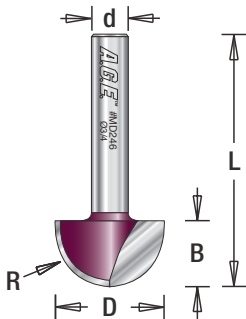
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CORE BOX

2-FLUTE Carbide Tipped

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.

ØD	B	R	ød	L	Tool No.
1/4	1/4	1/8	1/4	1-5/8	MD240
3/8	1/4	3/16	1/4	1-1/2	MD242
1/2	3/8	1/4	1/4	1-9/16	MD244
3/4	7/16	3/8	1/4	1-3/4	MD246



PRO-SERIES

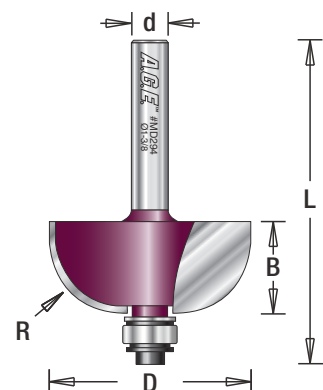
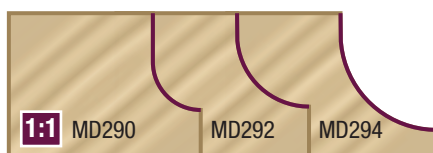
COVE

2-FLUTE Carbide Tipped

The covetto form (produced by the cove bit), is one of the classic building blocks for many molding profiles. Use the cove to detail the edges of casework, doors and drawers, posts and columns.

ØD	B	R	ød	L	Tool No.
7/8	1/2	1/4	1/4	2	MD290
1-1/8	1/2	3/8	1/4	2-1/16	MD292
1-3/8	5/8	1/2	1/4	2-1/4	MD294

Replacement bearing use #47701

**PRO-SERIES**

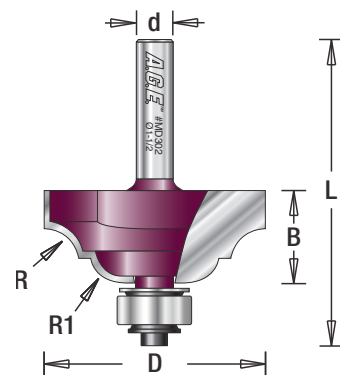
CLASSICAL BEAD & COVE

2-FLUTE Carbide Tipped

These classical bead and cove bits combine the two basic forms which are separated by a fillet to create beautiful trim or edge detail.

ØD	B	R	R1	ød	L	Tool No.
1-1/4	1/2	13/64	5/16	1/4	2	MD300
1-1/2	5/8	15/64	7/32	1/4	2-1/8	MD302

Replacement bearing use #47706



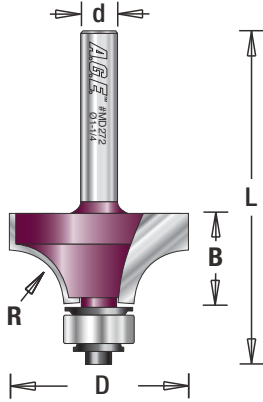


PRO-SERIES

CORNER ROUND & BEADING

2-FLUTE Carbide Tipped

The basic edge-forming bit, the corner-rounding bit, rounds an edge to a given radius. The tool is shouldered to cut a fillet. Can be used to ease edges, as a simple profile, or as a part of a complex one.



Bearings Included

1/2"



3/8"



ØD	B	R	ød	L	Tool No.
5/8	15/64	1/16	1/4	1-7/8	MD260
3/4	3/8	1/8	1/4	2	MD262
7/8	1/2	3/16	1/4	2	MD264 NEW
1	1/2	1/4	1/4	2-1/8	MD266
1	1/2	1/4	1/2	2-7/16	MD268
1-1/8	1/2	5/16	1/4	2-3/16	MD270
1-1/4	5/8	3/8	1/4	2-5/16	MD272
1-1/4	5/8	3/8	1/2	2-9/16	MD274
1-1/2	3/4	1/2	1/4	2-23/64	MD276
1-1/2	3/4	1/2	1/2	2-5/8	MD278
2	1	3/4	1/2	2-29/32	MD280
2-1/2	1-1/4	1	1/2	3-3/16	MD282 NEW

Replacement bearing use #47706 and #47702



A second shoulder can be produced with the 3/8" bearing, in effect making the bit a beading bit.

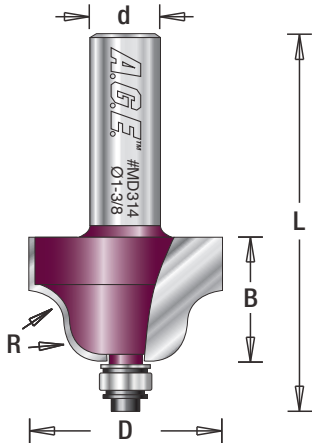


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ROMAN OGEE

2-FLUTE Carbide Tipped

The Roman ogee bit, which has a convex curve coming off the bearing, produces the reverse of the ogee. The curve starts at the top as a concave, and fairs down into a convex curve.



ØD	B	R	ød	L	Tool No.
1	15/32	5/32	1/4	2-5/32	MD310
1	5/8	5/32	1/2	2-1/2	MD311 NEW
1-3/8	21/32	1/4	1/4	2-1/4	MD312
1-3/8	7/8	1/4	1/2	2-5/8	MD314

Replacement bearing use #47701



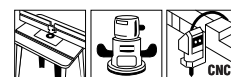
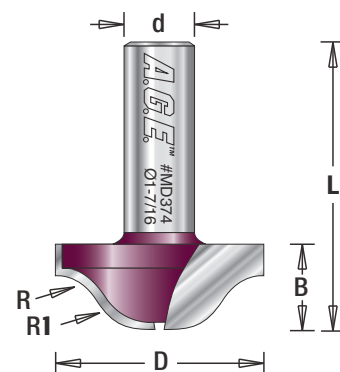
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BASE MOLDING

2-FLUTE Carbide Tipped

One of the easiest ways to dress up a room is to replace the base molding with a wide, bold profile.

ØD	B	R	R1	ød	L	Tool No.
1-7/16	19/32	5/16	3/8	1/2	2	MD374



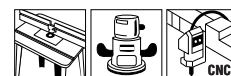
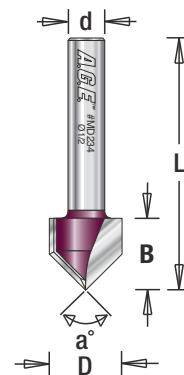
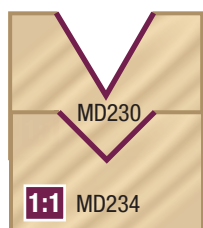
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V GROOVE

2-FLUTE Carbide Tipped

Cut decorative V grooves and lettering on signs with these V Groove router bits. Use with an edge guide to chamfer and bevel edges.

ØD	B	a°	ød	L	Tool No.
1/2	5/8	60°	1/4	1-3/4	MD230
3/8	7/16	90°	1/4	1-5/8	MD232 NEW
1/2	1/2	90°	1/4	1-3/4	MD234



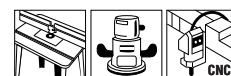
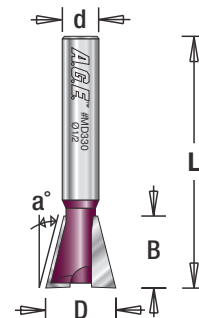
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DOVETAIL

2-FLUTE Carbide Tipped

The dovetail joint is the strongest construction method for drawers, boxes, chests and fine casework. Cut butterfly keys, splines and inlays.

ØD	B	a°	ød	L	Tool No.
1/2	1/2	14°	1/4	1-3/4	MD330



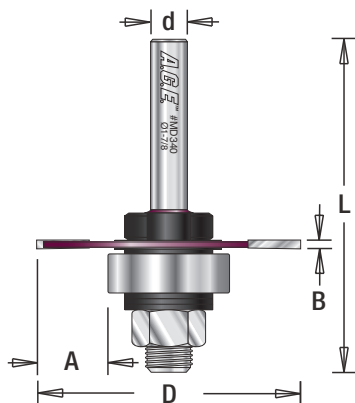


PRO-SERIES

SLOTING CUTTER ASSEMBLIES

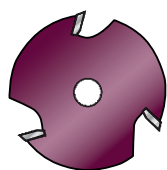
3-WING Carbide Tipped

Groove edges for T-moldings, splines, biscuits and other purposes. Route tongue-and-groove joinery. 3-wing cutters provide an excellent cut finish.



ØD	A	B	ød	L	Tool No.
1-7/8	1/2	1/16	1/4	2-5/16	MD340
1-7/8	1/2	3/32	1/4	2-5/16	MD341 NEW
1-7/8	1/2	1/8	1/4	2-5/16	MD342
1-7/8	1/2	5/32	1/4	2-5/16	MD343
1-7/8	1/2	1/4	1/4	2-5/16	MD344 NEW

Replacement bearing use #47708



Cutter top view



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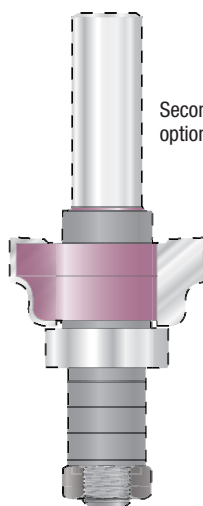
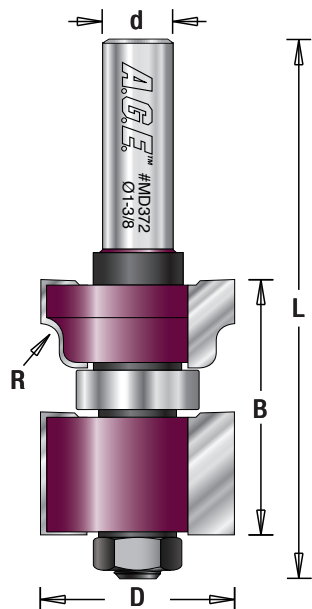
REVERSIBLE WINDOW SASH

2-FLUTE 1-Piece • Carbide Tipped

This reversible assembly is designed to cut window sash and glass door parts, including rails, stiles, mullions, and muntins, on stock between 1-1/8" and 1-3/4" thick.

ØD	B	R	ød	L	Tool No.
1-3/8	1-13/16	1/8	1/2	3-3/4	MD372

Replacement bearing use #47708



Second assembly option shown



PRO-SERIES

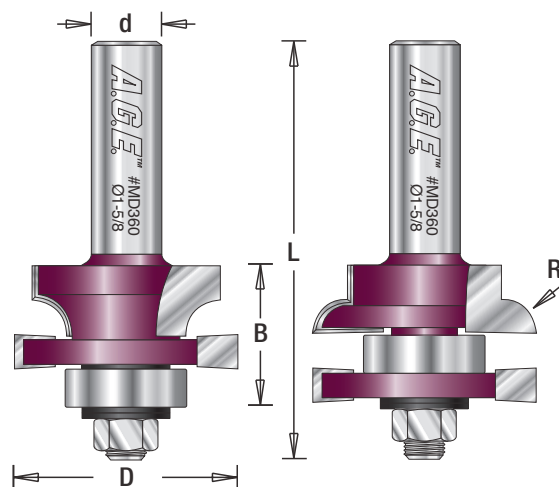
CONCAVE STILE & RAIL SET

2-FLUTE Carbide Tipped

Our rail and stile sets give you two complete bits, one for the rail cuts, one for the stiles. Make cabinet doors and all varieties of frame-and-panel assemblies for furniture and architectural applications.

ØD	B	R	ød	L	Tool No.
1-5/8	1	1/4	1/2	2-29/32	MD360

Replacement bearing use #47708

**PRO-SERIES**

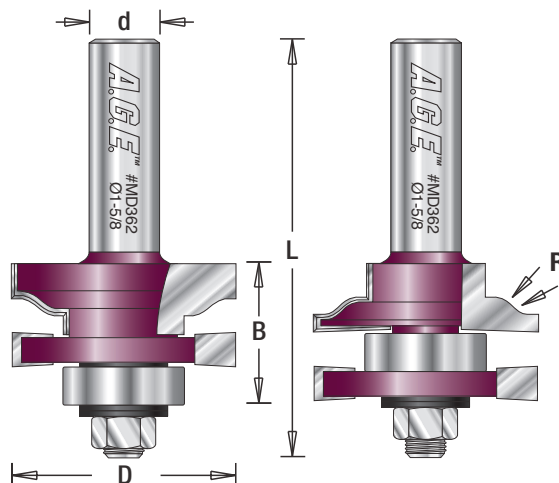
OGEE STILE & RAIL SET

2-FLUTE Carbide Tipped

Our rail and stile sets give you two complete bits, one for the rail cuts, one for the stiles. Make cabinet doors and all varieties of frame-and-panel assemblies for furniture and architectural applications.

ØD	B	R	ød	L	Tool No.
1-5/8	1	13/64	1/2	2-29/32	MD362

Replacement bearing use #47708





PRO-SERIES

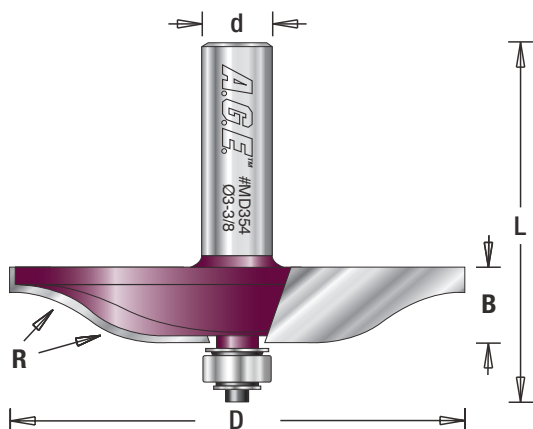
OGEE RAISED PANEL

2-FLUTE Carbide Tipped

Create raised panels for cabinet doors, frame-and-panel furniture, and architectural paneling with these ogee raised panel bits.

ØD	B	R	ød	L	Tool No.
3-1/2	1/2	7/8	1/2	2-7/16	MD354

Replacement bearing use #47706



PRO-SERIES

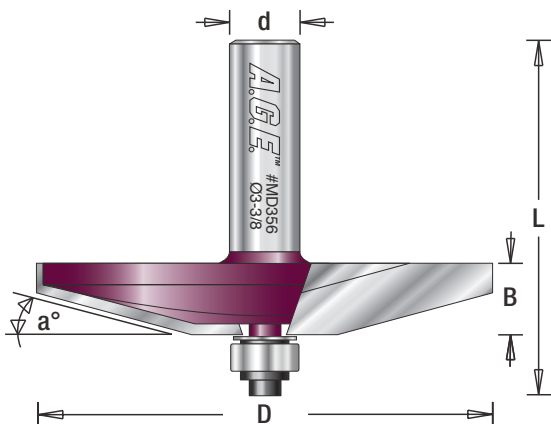
PROVISIONAL RAISED PANEL

2-FLUTE Carbide Tipped

Create raised panels for cabinet doors, frame-and-panel furniture, and architectural paneling with these provisional raised panel bits.

ØD	a°	B	ød	L	Tool No.
3-1/2	15°	1/2	1/2	2-7/16	MD356

Replacement bearing use #47706



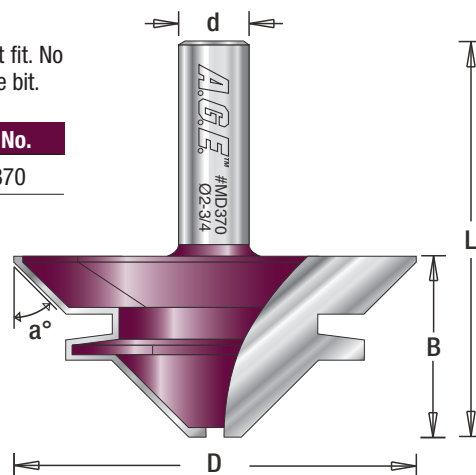
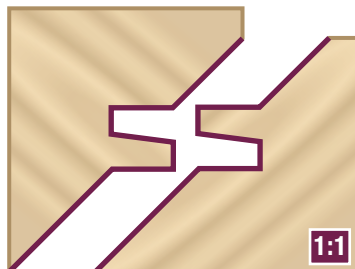
PRO-SERIES

LOCK MITER

2-FLUTE Carbide Tipped

First piece is cut flat (horizontal) and the second is cut perpendicular to the first for a perfect fit. No need to re-align the router depth, provided that the wood is centered to the cutting edge of the bit.

ØD	a°	B	ød	L	Tool No.
2-3/4	45°	1-1/4	1/2	2-3/4	MD370

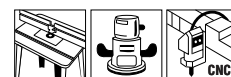
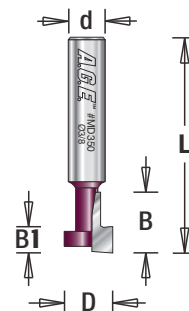
**PRO-SERIES**

KEYHOLE

2-FLUTE Carbide Tipped

Used for cutting keyhole slots in plaques, picture frames and other wall hanging items.

ØD	B	B1	ød	L	Tool No.
3/8	3/8	7/16	1/4	1-1/2	MD350

**PRO-SERIES**

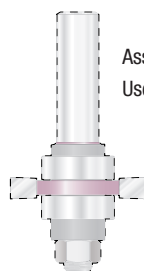
TONGUE & GROOVE ASSEMBLY

2-FLUTE Carbide Tipped

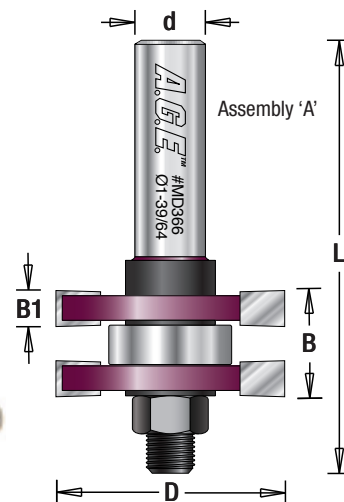
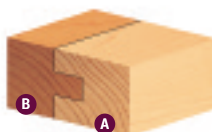
Cut perfectly fitted tongue-and-groove joints on stock between 5/8" and 3/4" thick with a table-mounted router and this assembly.

ØD	Material Size	B	B1	ød	L	Tool No.
1-39/64	5/8 to 3/4	3/4	1/4	1/2	3	MD366

Replacement bearing use #47708 (2)



Assembly 'B'
Use one cutter to cut the groove.

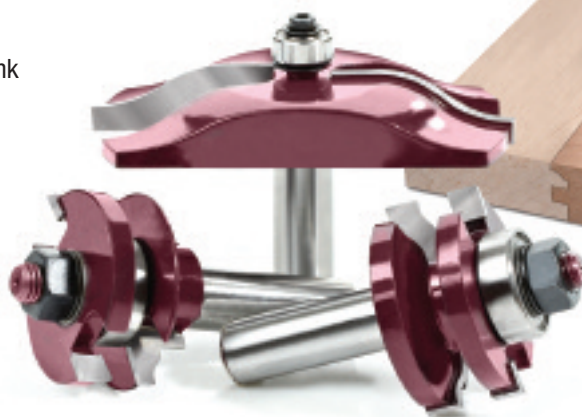




PRO-SERIES

OGEE RAISED PANEL DOOR MAKING 3-PIECE SET

2-FLUTE Carbide Tipped • 1/2" Shank

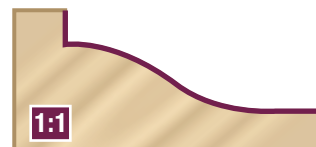


MD500 **NEW**

This 3-piece set combines the 2-piece Stile & Rail cutters with one Horizontal Raised Panel bit. The easy-to-use set, produced from micrograin carbide, ensures perfect cuts for creating raised panel doors.

For material 3/4" through 7/8".

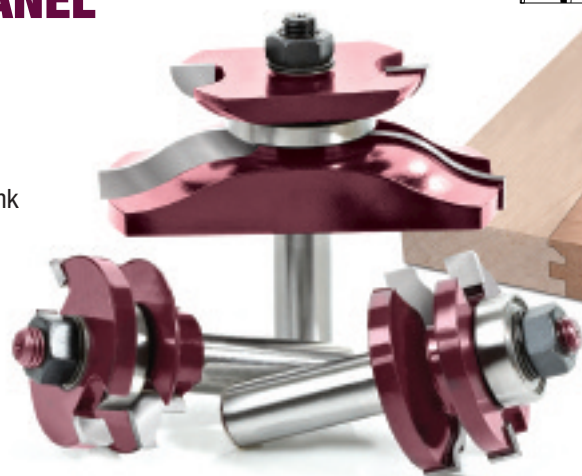
Includes a **custom-made** hardwood storage case!



PRO-SERIES

OGEE RAISED PANEL DOOR MAKING 3-PIECE SET w/BACK CUTTER

2-FLUTE Carbide Tipped • 1/2" Shank

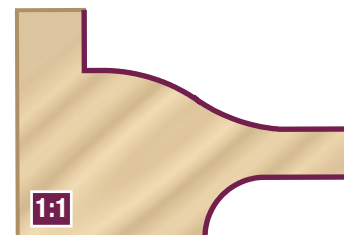


MD502 **NEW**

This 3-piece set combines the 2-piece Stile & Rail cutters with one Horizontal Raised Panel bit with back cutter. The easy-to-use set, produced from micrograin carbide, ensures perfect cuts for creating raised panel doors.

For material 3/4" through 7/8".

Includes a **custom-made** hardwood storage case!

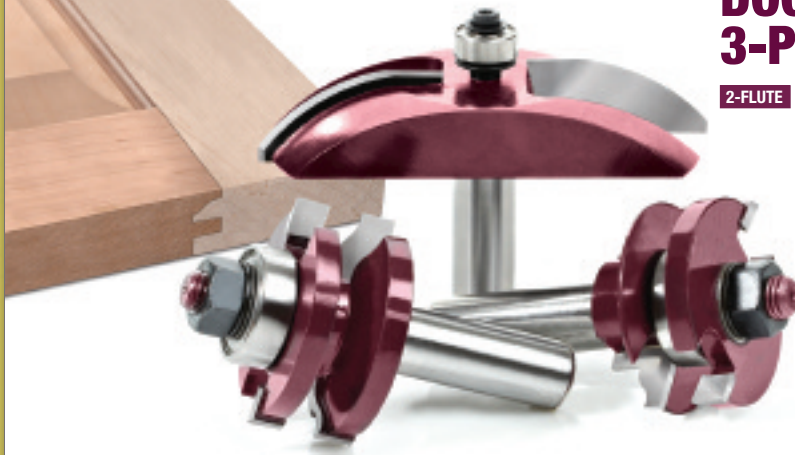




PRO-SERIES

COVE RAISED PANEL DOOR MAKING 3-PIECE SET

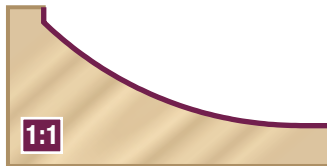
2-FLUTE Carbide Tipped • 1/2" Shank



MD506 NEW

This 3-piece set combines the 2-piece Stile & Rail cutters with one Horizontal Raised Panel bit. The easy-to-use set, produced from micrograin carbide, ensures perfect cuts for creating raised panel doors.

For material 3/4" through 7/8".



Includes a **custom-made**
hardwood storage case!

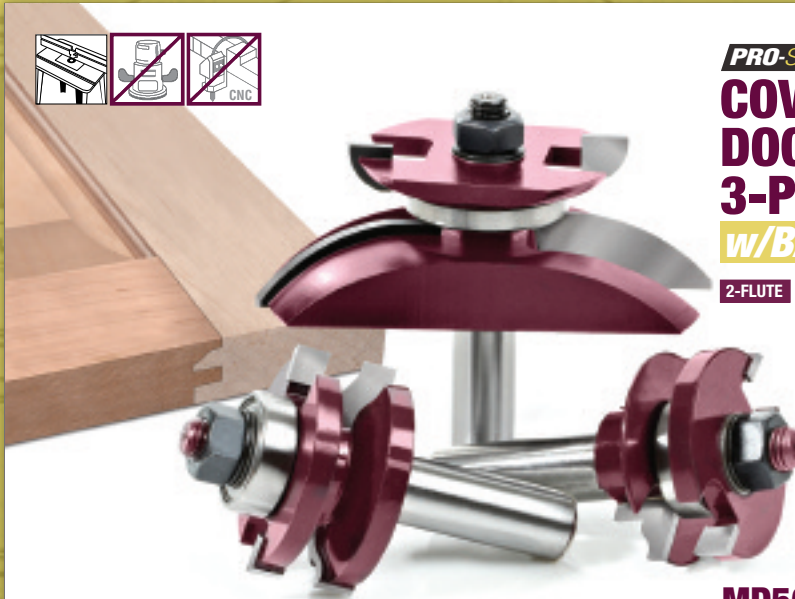


PRO-SERIES

COVE RAISED PANEL DOOR MAKING 3-PIECE SET

w/BACK CUTTER

2-FLUTE Carbide Tipped • 1/2" Shank



MD504 NEW

This 3-piece set combines the 2-piece Stile & Rail cutters with one Horizontal Raised Panel bit with back cutter. The easy-to-use set, produced from micrograin carbide, ensures perfect cuts for creating raised panel doors.

For material 3/4" through 7/8".



Includes a **custom-made**
hardwood storage case!



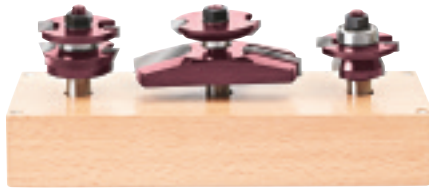


PRO-SERIES

SHAKER RAISED PANEL CABINET DOOR MAKING 3-PIECE SET

w/BACK CUTTER

2-FLUTE Carbide Tipped • 1/2" Shank



MD508 **NEW**

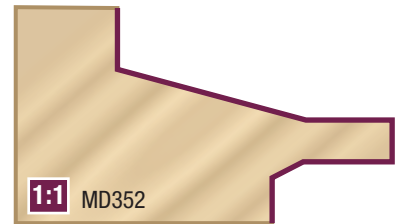
Designed for the simple shaker look for your mission-style cabinet doors, cabinets or furniture. Set includes 1-3/4" dia. 2-piece Shaker pattern/cope cutters and 3-1/2" dia. Shaker Raised Panel bit with back cutter.

For material 3/4" through 7/8".

Includes a **custom-made**
hardwood storage case!



1:1 MD363



1:1 MD352

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