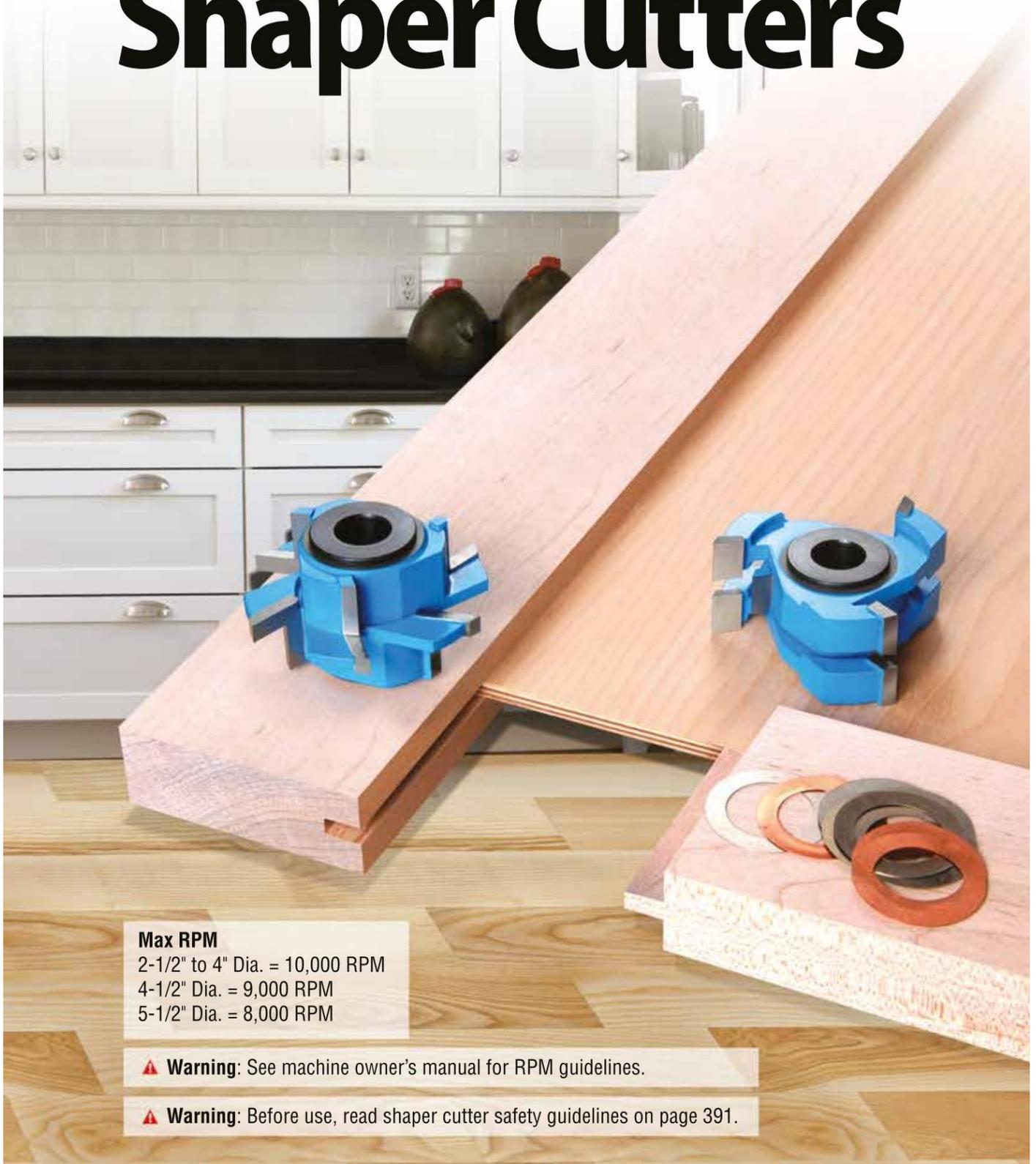


# **INDUSTRIAL** Carbide Tipped • 3-Wing **Shaper Cutters**



**Max RPM**

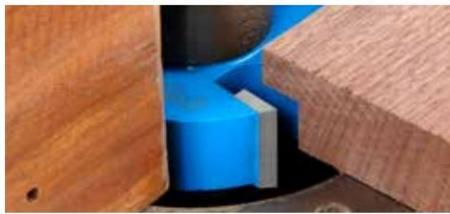
2-1/2" to 4" Dia. = 10,000 RPM

4-1/2" Dia. = 9,000 RPM

5-1/2" Dia. = 8,000 RPM

**▲ Warning:** See machine owner's manual for RPM guidelines.

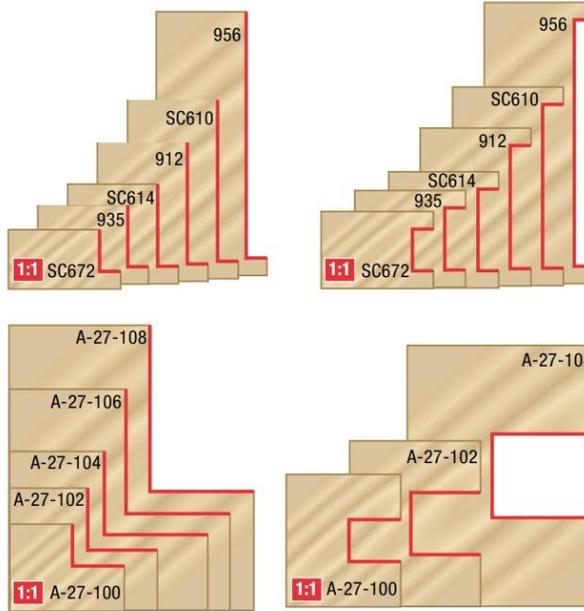
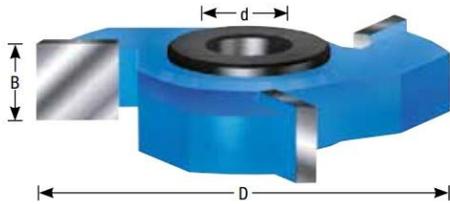
**▲ Warning:** Before use, read shaper cutter safety guidelines on page 391.



### CARBIDE-TIPPED SHAPER CUTTERS

Over 250 different cutters for all your shaping needs. Extra-thick carbide tips offer many resharpenings and longer tool life. RPM rating: 12,000 and under. Cutters are furnished with either 1/2", 3/4" or 1-1/4" bore.

#### STRAIGHT EDGE



ØD	B	Ød	Tool No.
1-7/8	1/4	1/2 & 3/4	SC672
2-1/2	1/4	1 & 1-1/4	SC674
2-5/8	1/4	1/2 & 3/4	918 †
2-3/4	1/4	1/2 & 3/4	SC671
2-7/8	1/4	1/2 & 3/4	SC611
2-7/8	1/4	1 & 1-1/4	SC613
3-1/8	1/4	1/2 & 3/4	917
3-3/8	1/4	1 & 1-1/4	SC673
3-9/16	1/4	1 & 1-1/4	SC615
4	1/4	1-1/4	A-27-100
2-5/8	3/8	1/2 & 3/4	953 †
4	3/8	1-1/4	A-27-102
2	1/2	1/2	SC614
2-1/2	1/2	1/2 & 3/4	948
2-5/8	1/2	1/2 & 3/4	954
4	1/2	1-1/4	A-27-104
2-5/8	3/4	1/2 & 3/4	912
4	3/4	1-1/4	A-27-106
2	1	1/2	SC610
2-5/8	1	1/2 & 3/4	955
4	1	1-1/4	A-27-108
4	1-1/4	1-1/4	A-27-110
2-5/8	1-1/2	1/2 & 3/4	956
4	1-3/4	1-1/4	A-27-114
2-5/8	2	1/2 & 3/4	SC632
4	2	1-1/4	A-27-116

† Due to size, furnished with only one 1/2" x 3/4" bushing.

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!



For rub collars & bushings, see pages 388-389.

## PRESTIGE™ MIGHTY ADJUSTABLE SUPER-FINE DADO/GROOVER SET

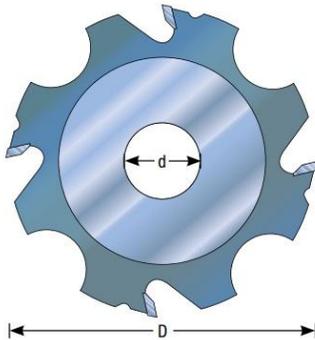
*For Shapers • Accommodates Undersized Plywood • 4-Wing, ATB & FT Grind • 1/4" to 1"*

Our Prestige™ Dado Set cuts perfectly smooth edges, flat-bottom cuts and grooves both along and across the grain that are free of splinters or rough edges. This set consists of seven cutters made of a hard wearing steel tool body complete with four tungsten carbide tips. Ideal for producing different dado cuts, slots and rabbeting in softwood, hardwood and man-made boards on a shaper machine. Width can be adjusted as required using included shim set.

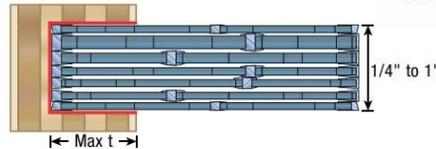


ØD	Hook Angle	Teeth	ATB Angle	Grind	Kerf Range	Ød	Groovers	RPM	Tool No.
4	-10°	4	15°	ATB	1/4 to 1	3/4	1/16, (2)1/8, 3/16, 1/4	6,100-10,500	<b>61370*</b>

\* Includes shim set #67254.



61370



### GROOVERS

*4-Wing • FT Grind*

ØD	Hook Angle	B	Teeth	Ød	Max t	RPM	Tool No.
4	15°	1/8	4	3/4	1-1/4	6,100-10,500	<b>61374</b>
4	15°	3/16	4	3/4	1-1/4	6,100-10,500	<b>61376</b>
4	15°	1/4	4	3/4	1-1/4	6,100-10,500	<b>61378</b>

### PRESTIGE™ MIGHTY DADO SHIM SET

The perfect accessory for the above dado/groover set. Each set includes 19 shims in various thicknesses for precise adjustments of your dado/groover set width. Especially useful when working with plywood and other materials that are slightly under or oversized.

Each Shim Set #67254 includes the following:

Quantity Shims	Color	Thickness		Ød	ØD
		Inch	mm		
5	Silver	0.002	0.05	3/4	2-1/4
6	Clear	0.010	0.25	3/4	2-1/4
8	White	0.020	0.50	3/4	2-1/4

Each Prestige™ Mighty Adjustable Dado/Groover Set Includes:  
*Instruction Manual*  
With Dado Configurations Including Set-Ups for Undersized Plywood



Perfect for Crosscutting and Ripping These Materials:

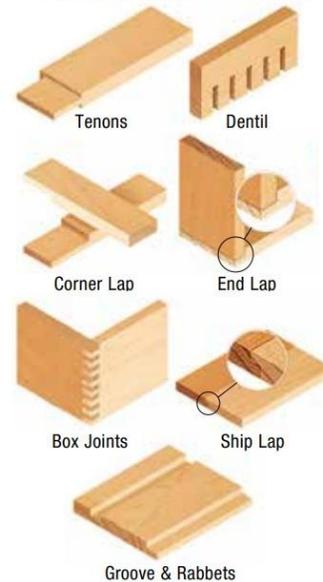


Melamine/Laminate

Veneered Plywood

Hardwood

A stacking dado set is an ideal tool for cutting dados, grooves and tenons for strong mortise-and-tenon joinery.



Box Joints

Ship Lap

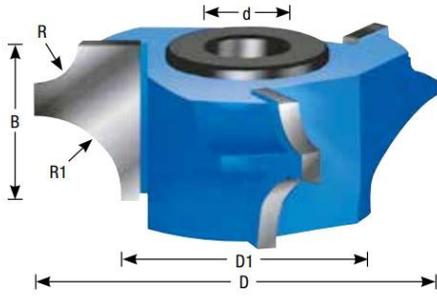
Groove & Rabbets

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

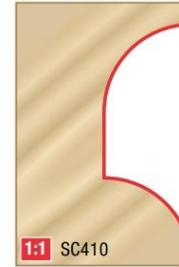
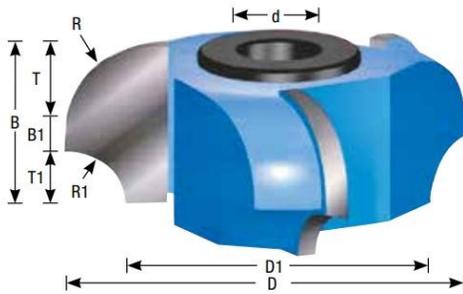
**INDUSTRIAL SHAPER CUTTERS**

### CORNER ROUND



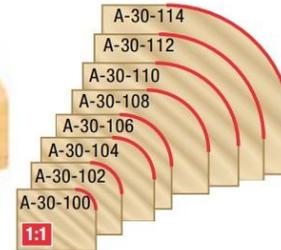
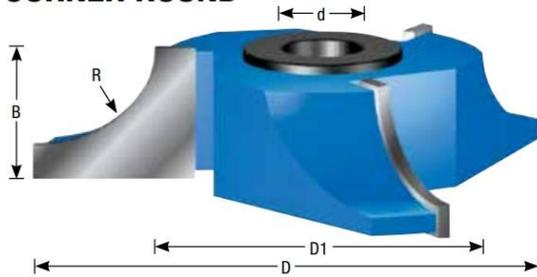
ØD	ØD1	B	R	R1	Ød	Rub Collar	Tool No.
2-5/8	1-5/8	15/16	1/4	1/2	1/2 & 3/4	C-005** C-011**	905

### COVE & CORNER ROUND



ØD	ØD1	B	B1	T	T1	R	R1	Ød	Rub Collar	Tool No.
2-3/4	1-3/4	1-3/8	3/8	1/2	1/2	1/2	1/2	1/2 & 3/4	C-006**	SC410

### CORNER ROUND



Counter-clockwise rotation: Wood face-down

Description	ØD	ØD1	R	B	Ød	Rub Collar	Tool No.
Corner Round	4	3-3/4	1/8	3/8	1-1/4	C-038	A-30-100
Corner Round	4	3-5/8	3/16	7/16	1-1/4	C-037	A-30-102
Corner Round	4	3-1/2	1/4	1/2	1-1/4	C-035	A-30-104
Corner Round	4	3-3/8	5/16	9/16	1-1/4	C-034	A-30-106
Corner Round	4	3-1/4	3/8	5/8	1-1/4	C-033	A-30-108
Corner Round	4	3	1/2	3/4	1-1/4	C-032	A-30-110
Drop Leaf-Bead	2-5/8	1-5/8	1/2	1	1/2 & 3/4	C-005**	SC636
Corner Round	4	2-3/4	5/8	7/8	1-1/4	C-031	A-30-112
Corner Round	3-5/8	2-1/8	3/4	1	1/2 & 3/4	C-011**	959
Corner Round	4	2-1/2	3/4	1	1-1/4	C-017	A-30-114
Corner Round	4-1/2	2-1/2	1	1-1/4	1-1/4	C-017	A-30-116
Corner Round	5	2-1/2	1-1/4	1-1/2	1-1/4	C-017	A-30-118

Replacement 'T' bushing(s) for #959 & #SC636: #BU-550.

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!



For rub collars & bushings, see pages 388-389.

### STAIR TREAD NOSE

ØD	ØD1	B	B1	R	Ød	Rub Collar	Tool No.
3-3/8	1-7/8	1-1/2	1-1/8	9/16	1/2 & 3/4	C-008**	932

### BULL NOSE

Description	ØD	ØD1	B	B1	R	Ød	Rub Collar	Tool No.
5/16 Bead	3	2-11/16	7/16	5/16	5/32	1/2 & 3/4	C-019 **	SC424
1/4 Bead	4	3-3/4	1/2	1/4	1/8	1-1/4	C-038	A-29-100
1/4 Bead	2-5/8	2-3/8	9/16	1/4	1/8	1/2 & 3/4	—	973 †
3/8 Bead	2-5/8	2-1/4	5/8	3/8	3/16	1/2 & 3/4	C-025 **	974
3/8 Bead	4	3-5/8	11/16	3/8	3/16	1-1/4	C-037	A-29-102
1/2 Bead	2-5/8	2-1/8	13/16	1/2	1/4	1/2 & 3/4	C-011 **	925
1/2 Bead	4	3-1/2	13/16	1/2	1/4	1-1/4	C-035	A-29-104
5/8 Bead	2-5/8	2	15/16	5/8	5/16	1/2 & 3/4	C-010 **	923
3/4 Bead	2-5/8	1-7/8	1-1/16	3/4	3/8	1/2 & 3/4	C-008 **	927
3/4 Bead	4	3-1/4	1-1/8	3/4	3/8	1-1/4	C-033	A-29-106
1 Bead	4	3	1-5/16	1	1/2	1-1/4	C-032	A-29-108
1 Bead	2-5/8	1-5/8	1-1/2	1	1/2	1/2 & 3/4	C-005 **	929
1-1/8 Bead	3-7/8	2-3/8	1-1/2	1-1/8	9/16	1-1/4	C-020	A-29-109
1-1/4 Bead	3-9/16	2-5/16	1-5/8	1-1/4	5/8	1 & 1-1/4	C-040 ***	SC570
1-1/2 Bead	3-13/16	2-5/16	2	1-1/2	3/4	1 & 1-1/4	C-040 ***	SC572
2 Bead	4-5/16	2-5/16	2-1/2	2	1	1 & 1-1/4	C-040 ***	SC574

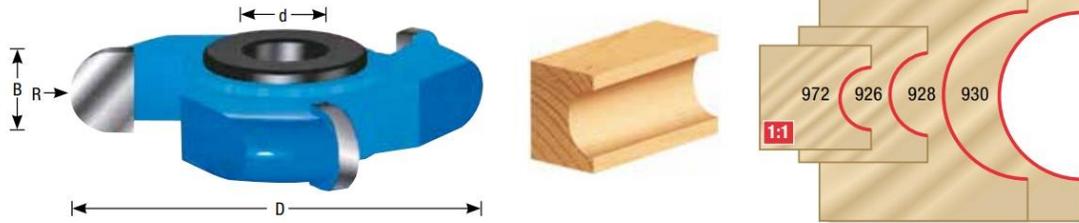
† Due to size, furnished with only one 1/2" x 3/4" bushing.

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

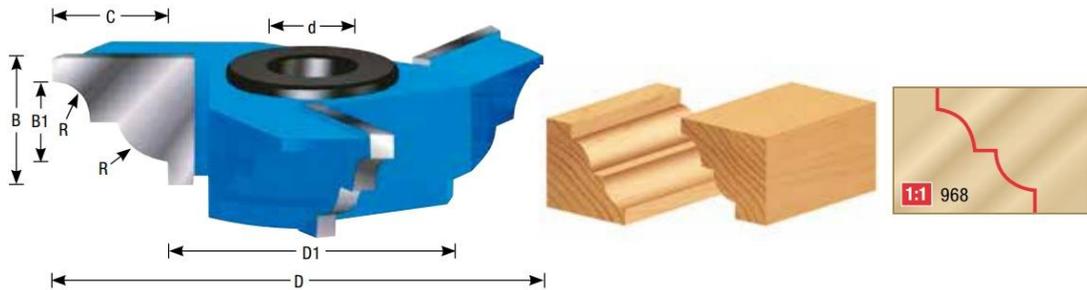
### FLUTE (CONVEX)



Description	ØD	B	R	Ød	Rub Collar	Tool No.
1/4 Flute	2-5/8	1/4	1/8	1/2 & 3/4	—	971 †
1/4 Flute	4	1/4	1/8	1-1/4	C-038	A-28-100
3/8 Flute	2-5/8	3/8	3/16	1/2 & 3/4	C-025**	972 †
1/2 Flute	2-5/8	1/2	1/4	1/2 & 3/4	C-011**	926
1/2 Flute	4	1/2	1/4	1-1/4	C-035	A-28-104
3/4 Flute	2-5/8	3/4	3/8	1/2 & 3/4	C-008**	928
3/4 Flute	4	3/4	3/8	1-1/4	C-033	A-28-106
1 Flute	2-5/8	1	1/2	1/2 & 3/4	C-005**	930
1 Flute	4	1	1/2	1-1/4	C-032	A-28-108
1-1/4 Flute	3-1/4	1-1/4	5/8	1 & 1-1/4	C-050***	SC532
1-1/2 Flute	3-1/2	1-1/2	3/4	1 & 1-1/4	C-050***	SC534
2 Flute	4	2	1	1 & 1-1/4	C-050***	SC536

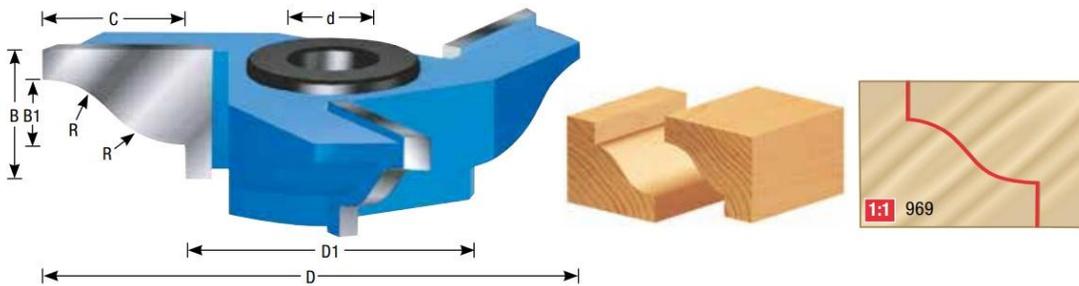
† Due to size, furnished with only one 1/2" x 3/4" bushing.

### MATCHED/REVERSIBLE DETAIL BEAD & COVE



ØD	ØD1	B	B1	C	R	Ød	Rub Collar	Tool No.
3	1-3/4	3/4	1/2	5/8	15/64	1/2 & 3/4	C-006**	968

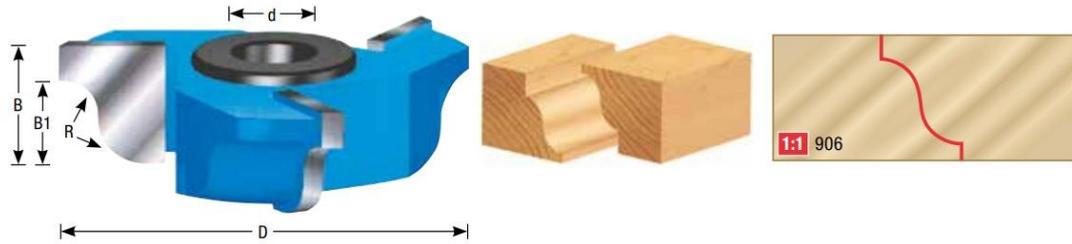
### MATCHED/REVERSIBLE OGEE



ØD	ØD1	B	B1	C	R	Ød	Rub Collar	Tool No.
3-1/4	1-3/4	7/8	3/8	3/4	1/2	1/2 & 3/4	C-006**	969

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

### MATCHED/REVERSIBLE OGEE



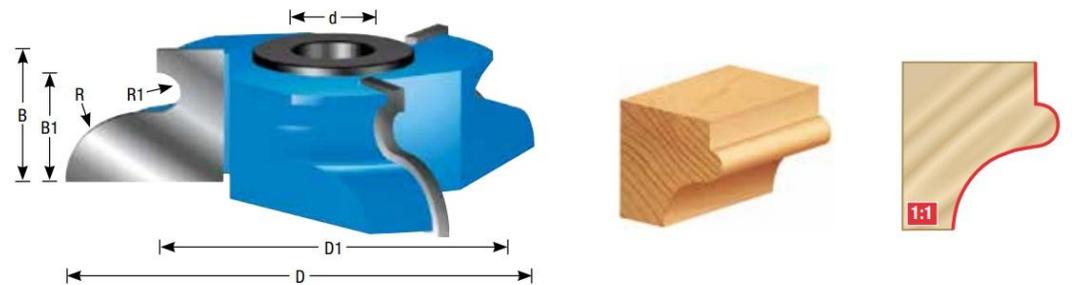
ØD	B	B1	R	Ød	Rub Collar	Tool No.
2-5/8	3/4	1/2	1/4	1/2 & 3/4	C-005**	906

### CROWN MOLDING



ØD	B	B1	a°	R	R1	Ød	Rub Collar	Tool No.
2-3/4	2-1/4	2	45°	1/2	3/16	1/2 & 3/4	C-027**	962
3-1/2	3-1/2	3-1/4	45°	9/16	1/2	1 & 1-1/4	—	SC660

### OGEE & BEAD TABLE EDGE



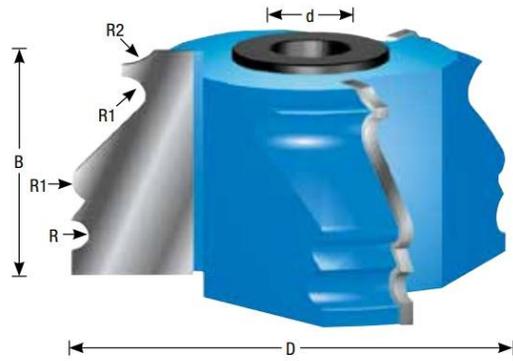
ØD	ØD1	B	B1	R	R1	Ød	Rub Collar	Tool No.
3-1/4	2-1/8	1	3/4	1/2	1/8	1/2 & 3/4	C-007**	958

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

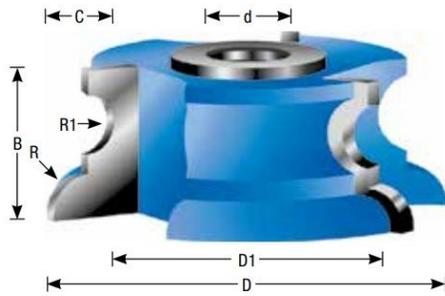
**INDUSTRIAL SHAPER CUTTERS**

### MOLDING



ØD	B	R	R1	R2	Ød	Rub Collar	Tool No.
3	1-3/4	1/8	5/32	1/4	1/2 & 3/4	C-010**	966

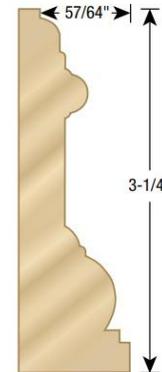
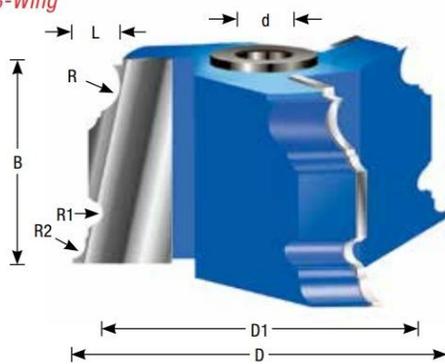
### MOLDING



ØD	ØD1	B	C	R	R1	Ød	Rub Collar	Tool No.
2-5/8	1-3/4	15/16	7/16	1/4	3/16	1/2 & 3/4	C-006**	SC630

### BASE MOLDING

3-Wing



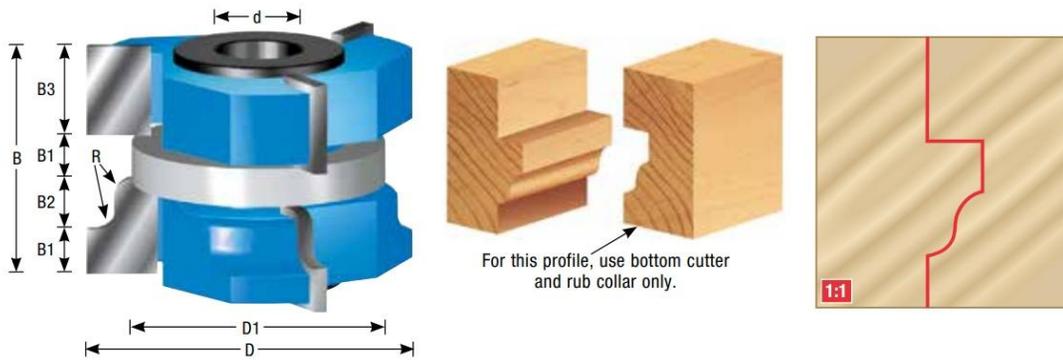
ØD	ØD1	B	R	R1	R2	L	Ød	Rub Collar	Tool No.
4-9/16	2-13/16	3-5/16	29/64	3/16	7/32	7/8	1 & 1-1/4	C-040***	SC668

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

# WINDOW SASH

*With Ball Bearing Rub Collar*



ØD	ØD1	B	B1	B2	B3	R	Ød	Rub Collar	Tool No.
2	1.457	1-5/8	5/16	3/8	5/8	1/4	1/2 & 3/4	C-043**	939

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

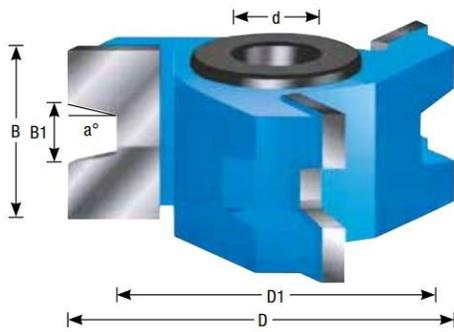
For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

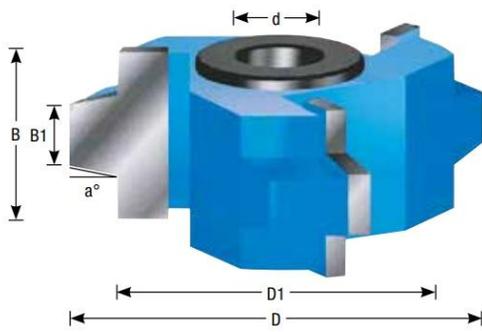
**355**

## JOINERY

### Wedge Tongue & Groove



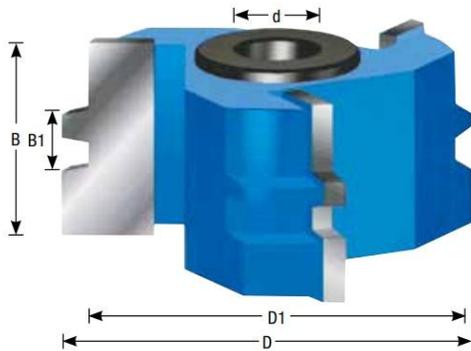
ØD	ØD1	B	B1	a°	Ød	Rub Collar	Tool No.
2-5/8	2	15/16	11/32	9°	1/2 & 3/4	C-010**	903



ØD	ØD1	B	B1	a°	Ød	Rub Collar	Tool No.
2-5/8	2	15/16	11/32	9°	1/2 & 3/4	C-010**	904

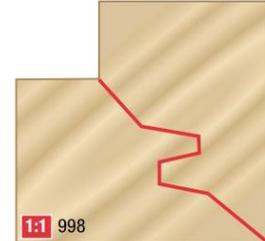
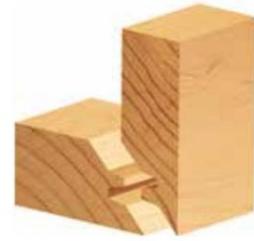
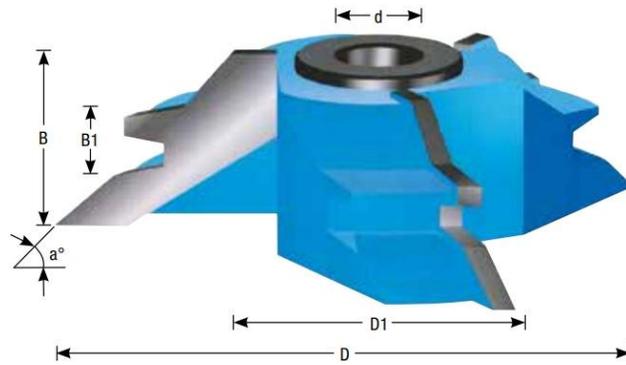
Replacement 'T' bushing(s) #BU-550.

## GLUE JOINT



ØD	ØD1	B	B1	Ød	Rub Collar	Tool No.
2-5/8	2-1/4	1-3/16	3/8	1/2 & 3/4	C-025**	911
2-13/16	2-1/2	1-3/16	3/8	1 & 1-1/4	C-017***	SC617

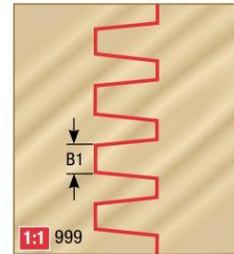
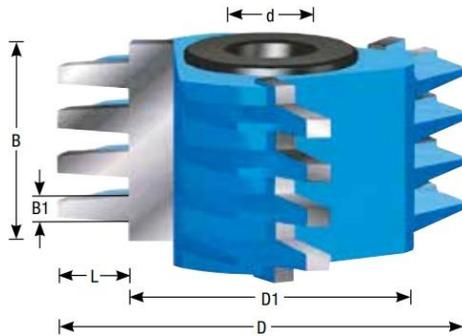
## LOCK MITER



ØD	ØD1	B	B1	a°	Ød	Rub Collar	Tool No.
3-3/4	2	1	3/8	45°	1/2 & 3/4	C-006**	998
4-17/32	2-31/64	1	3/8	45°	1 & 1-1/4	C-017***	SC619

Replacement 'T' bushing(s) #BU-550.

## FINGER JOINT



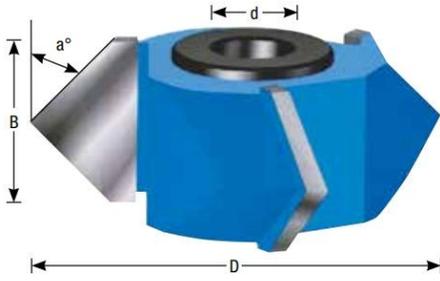
ØD	ØD1	B	B1	L	Ød	Rub Collar	Tool No.
2-7/8	2-1/8	1-1/2	11/32	3/8	1/2 & 3/4	C-011**	999
3	2-1/4	1-1/2	13/64	3/8	1 & 1-1/4	—	SC300

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

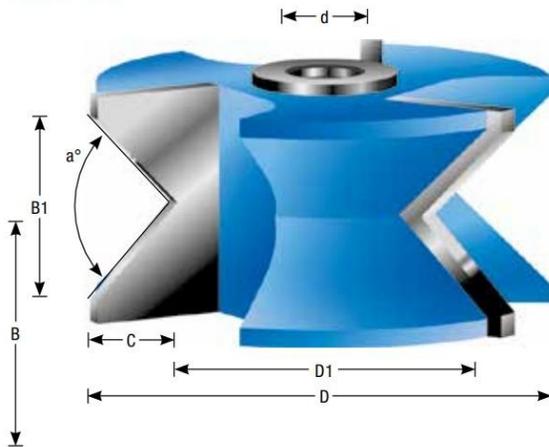
### 90° V-GROOVE



ØD	B	a°	Ød	Rub Collar	Tool No.
2-5/8	15/16	45°	1/2 & 3/4	—	957

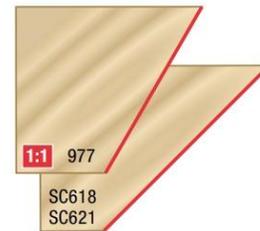
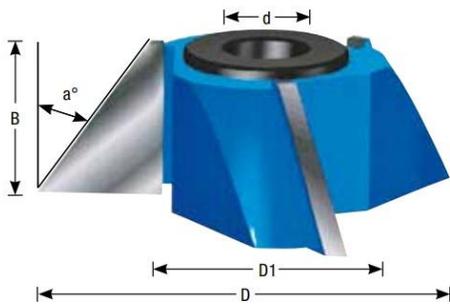
### 90° BEVEL

Double Bevel



ØD	ØD1	B	B1	a°	C	Ød	Rub Collar	Tool No.
2-5/8	1-11/16	1-3/16	15/16	90°	15/32	1/2 & 3/4	C-005**	SC638

### BEVEL



Description	ØD	ØD1	B	a°	Ød	Rub Collar	Tool No.
30° Bevel	2-5/8	1-3/8	1	30°	1/2 & 3/4	C-044**	977
45° Bevel	3-1/2	1-1/2	1	45°	1/2 & 3/4	C-011**	SC618
45° Bevel	4	2	1	45°	1 & 1-1/4	C-050***	SC621

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

## DOOR LIP

*Corne'd Round & Rabbet*

ØD	ØD1	B	B1	R	a°	Ød	Rub Collar	Tool No.
2-5/8	1-3/4	1-3/16	5/8	3/8	10°	1/2 & 3/4	C-006**	900

*Corner Round & Ogee*

ØD	ØD1	B	B1	Ød	Rub Collar	Tool No.
2-5/8	2-1/4	1	13/16	1/2 & 3/4	C-023**	992

## TRIPLE FLUTING

ØD	B	B1	R	Ød	Rub Collar	Tool No.
2-5/8	1	5/8	5/64	1/2 & 3/4	C-028**	961

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

**359**



## WAINSCOT/PANELING

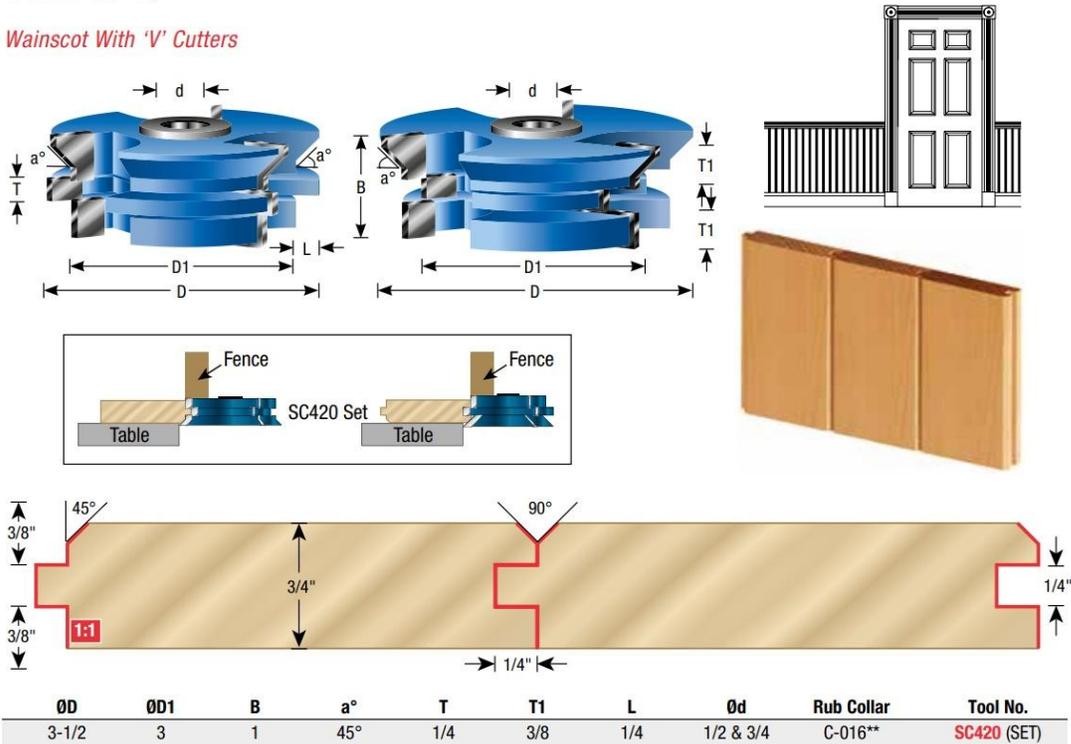


For 3/4" Material

Wainscot and paneling are a great way to add visual interest to walls. Paneling is used to cover an entire wall while wainscot stops at the chair rail. Amana Tool® offers multiple styles of profiles to choose from.

Wainscot with a 'V,' provides a simple forty-five degree 'V' profile along the edges of the stock. The second set creates a 5/16" diameter bead along the edges of the stock. Designed for 3/4" thick stock and create an interlocking 1/4" tongue-and-groove joint for ease of assembly.

Wainscot With 'V' Cutters



ØD	ØD1	B	a°	T	T1	L	Ød	Rub Collar	Tool No.
3-1/2	3	1	45°	1/4	3/8	1/4	1/2 & 3/4	C-016**	SC420 (SET)

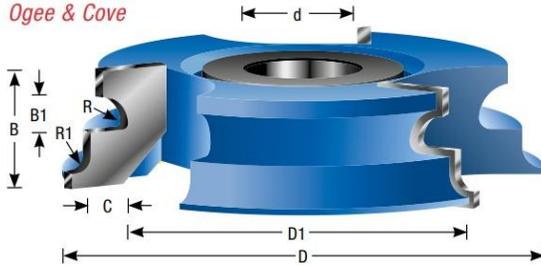
\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!



For rub collars & bushings, see pages 388-389.

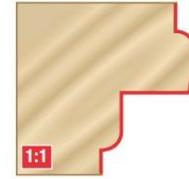
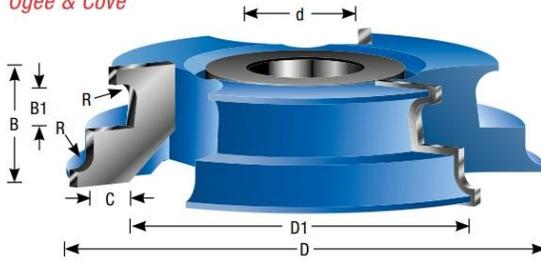
### DOOR LIP

Ogee & Cove



ØD	ØD1	B	B1	C	R	R1	Ød	Tool No.
4-5/16	3-1/8	1-1/32	9/32	3/8	1/4	1/8	1 & 1-1/4	SC462

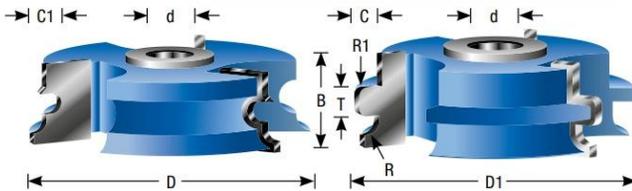
Ogee & Cove



ØD	ØD1	B	B1	C	R	Ød	Tool No.
4-5/16	3-1/8	1-1/32	3/8	13/32	1/8	1 & 1-1/4	SC464

### FLOORING SET WITH NAIL SLOT FOR 5/8" TO 3/4" MATERIAL

Build your own wood floors with this matched shaper cutter set, which ensures perfectly aligned tongue and groove flooring strips. The unique rounded edge created by these cutters makes flooring fast and easy to install, while the nail slot helps prevent splitting.



ØD	ØD1	B	C	C1	T	R	R1	Ød	Rub Collar	Tool No.
2-5/8	2-21/32	7/8	1/4	—	1/4	—	1/8	3/4	—	SC453 <i>New</i>
3-1/4	2-25/32	7/8	1/4	11/32	1/4	1/8	1/16	1/2 & 3/4	C-029, C-014**	SC450
3-1/4	2-13/16	7/8	1/4	11/32	1/4	1/8	1/16	1 & 1-1/4	C-018, C-040***	SC451

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

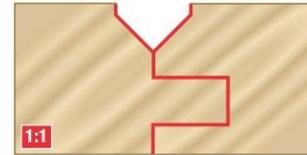
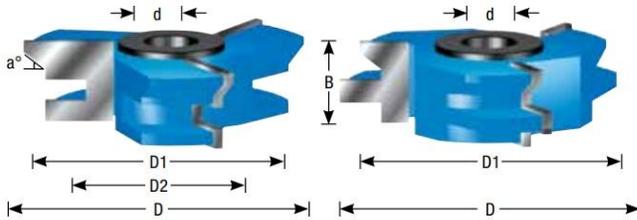
**INDUSTRIAL SHAPER CUTTERS**

### V-PANELING 2-PIECE SETS

'V' paneling is a quick and easy way to add architectural detail to any room. These two-piece sets are perfectly matched so that you can shape precisely milled paneling strips in any wood species.

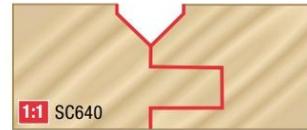
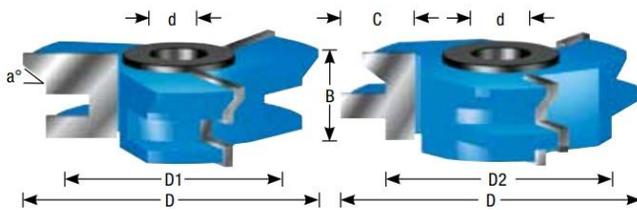


With 1/4"W x 3/8"D Tongue & Groove



ØD	ØD1	ØD2	B	a°	Ød	Rub Collar	Tool No.
2-5/8	2-1/4	1-1/2	29/32	45°	1/2 & 3/4	C-008**	938

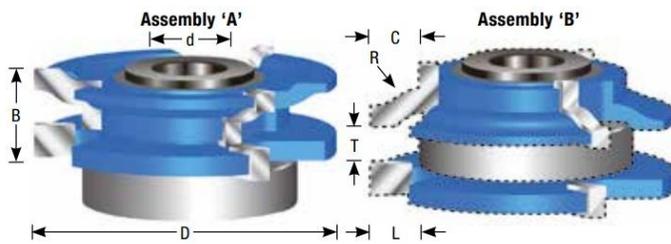
V-Paneling Cutter Set



ØD	ØD1	ØD2	B	C	a°	Ød	Rub Collar	For Material	Tool No.
2-5/8	2-1/8	1-3/4	3/4	7/16	45°	1/2 & 3/4	C-006, C-011**	1/2 - 3/4	SC640
2-3/4	2	—	1	5/8	45°	1/2 & 3/4	C-010, C-043**	3/4 - 1	SC642

### REVERSIBLE STILE & RAIL CABINET DOOR SETS WITH BALL BEARING FOR 3/4" TO 1-1/4" MATERIAL

Roman Ogee



ØD	B	R	T	C	L	Ød	Repl. Ball Bearing	Tool No.
2-13/32	1	5/16	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC586
2-29/32	1	5/16	1/4	3/8	5/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC579

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

## REVERSIBLE STILE & RAIL CABINET DOOR SETS WITH BALL BEARING FOR 3/4" TO 1-1/4" MATERIAL (CONT'D)

### Tongue & Groove

ØD	B	T	C	L	Ød	Repl. Ball Bearing	Tool No.
2-13/32	3/4	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC577

### Bevel

ØD	B	a°	T	C	L	Ød	Repl. Ball Bearing	Tool No.
2-13/32	1	18.6°	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC587
2-1/2	1-1/4	45°	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC597

### Classical

ØD	B	R	T	C	L	Ød	Repl. Ball Bearing	Tool No.
2-13/32	1	9/64	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC588

### Convex/Concave

ØD	B	R	T	C	L	Ød	Repl. Ball Bearing	Tool No.
2-13/32	1	3/16	1/4	3/8	3/8	1/2 & 3/4	47757 (42mm x 3/4 x 9mm)	SC589

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

## STILE & RAIL CABINET DOOR SET FOR 5/8" TO 3/4" MATERIAL

*Concave With Eased Edge*

ØD	ØD1	B	T	L	R	Ød	Rub Collar	Tool No.
3	2-9/32	3/4	1/4	11/32	1/4	1/2 & 3/4	C-014**	SC441

## STILE & RAIL CABINET DOOR SETS FOR 3/4" TO 1" MATERIAL

These Stile & Rail sets are great for making cabinet doors.

*Concave*

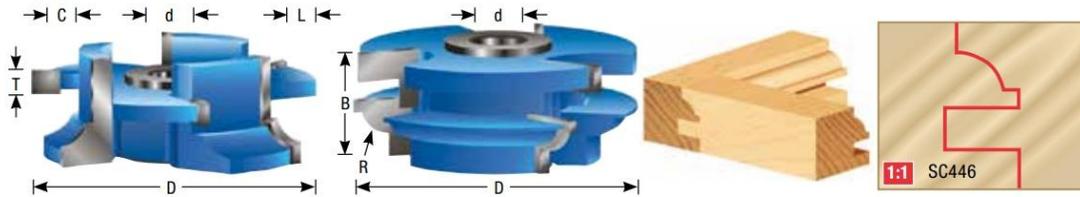
ØD	C	B	T	L	R	Ød	Rub Collar	Tool No.
2-7/16	1/4	1	1/4	7/16	15/64	1/2 & 3/4	C-009**	SC440
3-9/16	1/4	1	1/4	7/16	1/4	1 & 1-1/4	C-019, C-021, C-032***	SC540

*Ogee*

ØD	B	T	L	R	Ød	Rub Collar	Tool No.
2-11/16	1	1/4	7/16	1/8	1/2 & 3/4	—	SC444

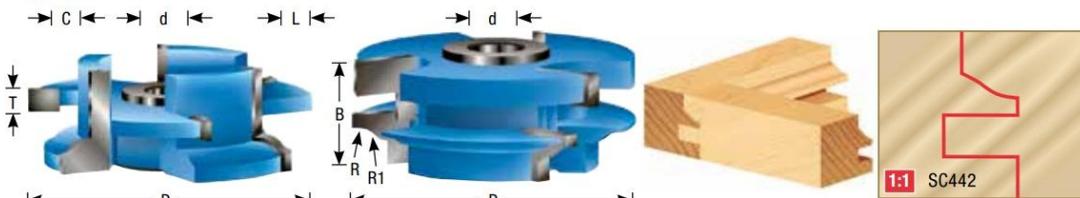
## STILE & RAIL CABINET DOOR SETS FOR 3/4" MATERIAL

### Bead



ØD	C	B	T	L	R	Ød	Rub Collar	Tool No.
2-11/16	3/8	1	1/4	7/16	9/32	1/2 & 3/4	C-010**	SC446
3-9/16	3/8	1	1/4	7/16	9/32	1 & 1-1/4	C-019, C-020***	SC546

### Ogee

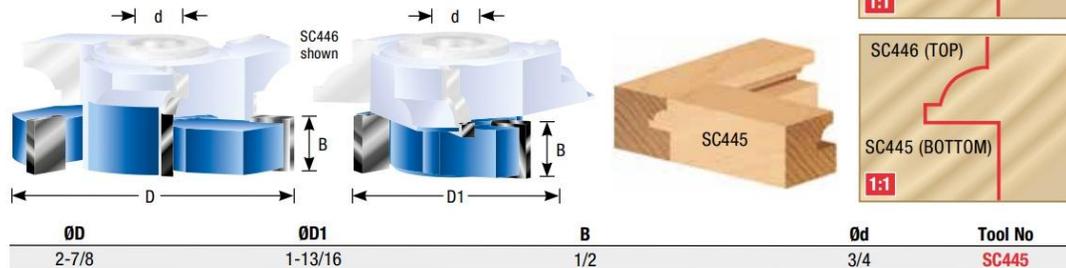


ØD	C	B	T	L	R	R1	Ød	Rub Collar	Tool No.
2-11/16	3/8	1	1/4	7/16	5/16	3/16	1/2 & 3/4	C-010**	SC442
3-9/16	3/8	15/16	1/4	7/16	1/4	3/16	1 & 1-1/4	C-019, C-020***	SC542

## GLASS DOOR & MULLION SET

For SC442 And SC446

Used in conjunction with cutter SC442 and SC446 to make rabbets for the back of doors for glass door panels or mullions. Glass must be secured in place with molding.



ØD	ØD1	B	Ød	Tool No
2-7/8	1-13/16	1/2	3/4	SC445

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

**INDUSTRIAL**

# Tongue & Groove

Cabinet Doors with Flat Panel

- Cut precise grooves to accommodate undersized plywood
- Rattle-free fit
- Mission/Shaker style



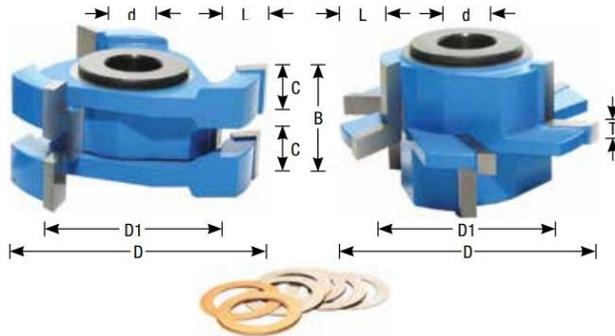
**instile™** & RAIL SYSTEM **MISSION STYLE**  
FLAT PANEL CABINET DOOR MAKING SET



## ADJUSTABLE TONGUE & GROOVE CABINET DOOR SETS 5/8" TO 1-1/4" MATERIAL

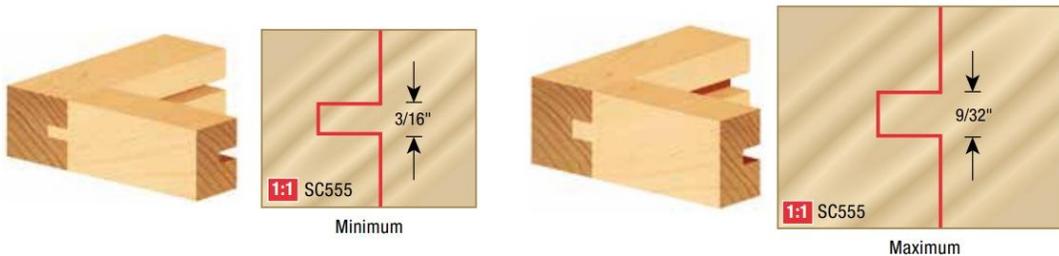
*Shaker and Arts & Crafts*

- Designed to cut precise grooves to provide undersized plywood veneered panels with a snug rattle-free fit.
- Adjust the panel groove width 3/16" to 9/32" for 1/4" plywood.
- 5.5mm for undersized 1/4" plywood and 5.9mm for oversized 1/4" veneered plywood.



See Pages 212-213 for Instile & Rail System™ Adjustable Tongue & Groove Router Bit Sets.

See Page 387 for Instile & Rail System™ Adjustable Tongue & Groove Insert Carbide Shaper Cutter Set.



ØD	ØD1	B	C	T	L	Ød	Rub Collar	Tool No.
2-3/8	1-5/8	1 to 1-5/16	7/16	3/16 to 9/32	3/8	1/2 & 3/4	C-005**	<b>SC555</b>
2-59/64	2-5/32	1-1/16 to 1-21/64	7/16	3/16 to 9/32	3/8	1 & 1-1/4	C-051***	<b>SC553</b>

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

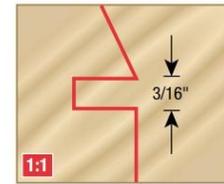
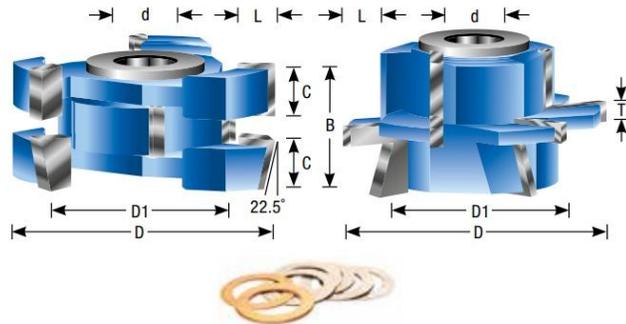
366 **Amana Tool®**

For rub collars & bushings, see pages 388-389.

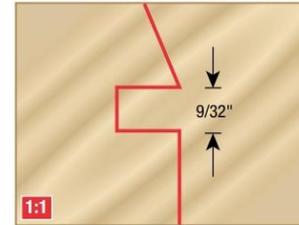


### ADJUSTABLE TONGUE & GROOVE CABINET DOOR SET 5/8" TO 1-1/4" MATERIAL

Accommodates Undersized Plywood • Straight With 22.5° Bevel (Shaker)



Minimum



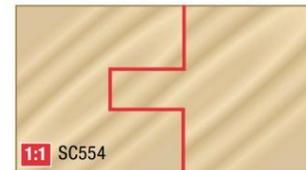
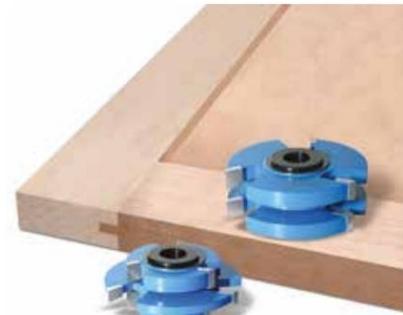
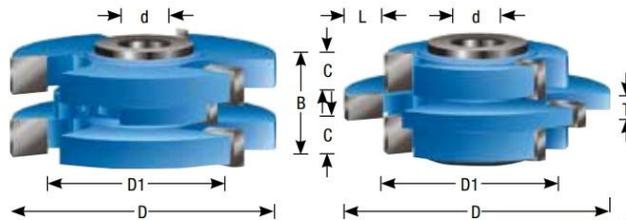
Maximum

ØD	ØD1	B	C	T	L	Ød	Rub Collar	Tool No.
2-3/8	1-5/8	1-1/16 to 1-21/64	7/16	3/16 to 9/32	3/8	1/2 & 3/4	C-005**	SC565
2-7/8	2-1/8	1-1/16 to 1-21/64	7/16	3/16 to 9/32	3/8	1 & 1-1/4	-	SC566 <b>New</b>

### MISSION STYLE FLAT PANEL CABINET DOOR MAKING SET

### TONGUE & GROOVE CABINET DOOR SETS FOR 5/8" TO 2-1/8" MATERIAL

Mission Style – Shaker Arts & Crafts



ØD	ØD1	B	C	T	L	Ød	Rub Collar	For Material	Tool No.
2-3/4	1-7/8	1	3/8	1/4	7/16	1/2 & 3/4	C-008**	5/8 to 1	SC554
2-3/4	1-7/8	1-3/4	11/16	3/8	7/16	1/2 & 3/4	C-008**	3/4 to 1-3/4	SC558
3-1/4	2-3/8	1-3/4	11/16	3/8	7/16	1 & 1-1/4	C-041***	3/4 to 1-3/4	SC557
3-3/8	2-1/2	1-1/8	7/16	1/4	7/16	1 & 1-1/4	C-017***	5/8 to 1-1/8	SC556
3-1/2	2-1/2	2-1/8	13/16	1/2	1/2	1 & 1-1/4	C-017***	1 to 2-1/8	SC559

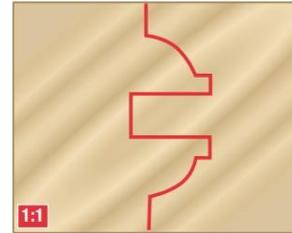
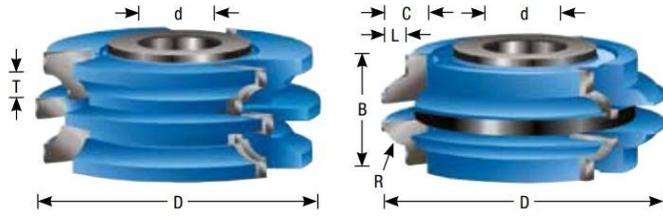
\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

### STILE & RAIL CABINET DOOR SET FOR 1" TO 1-3/8" MATERIAL

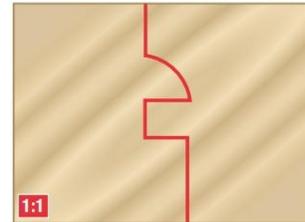
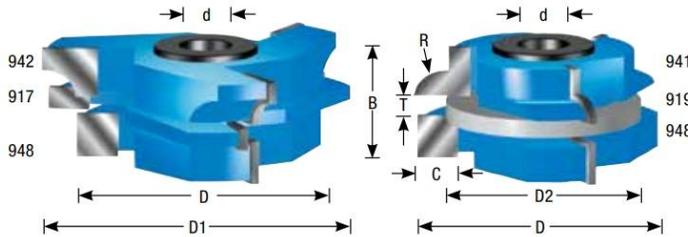
*Bead*



ØD	C	B	T	L	R	Ød	Rub Collar	Tool No.
3-9/16	3/8	1-3/8	1/4	7/16	9/32	1 & 1-1/4	C-019***	SC562

### STILE & RAIL CABINET DOOR SET FOR 1-5/16" MATERIAL

*Concave*



ØD	ØD1	ØD2	B	T	R	C	Ød	Rub Collars	Tool No.
2-1/2	1-7/8	3-1/8	1-17/64	1/4	5/16	5/16	1/2 & 3/4	C-008, C-016**	940

**Includes:**

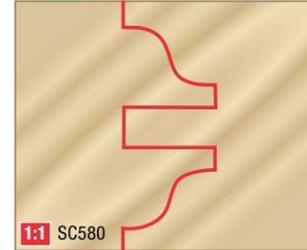
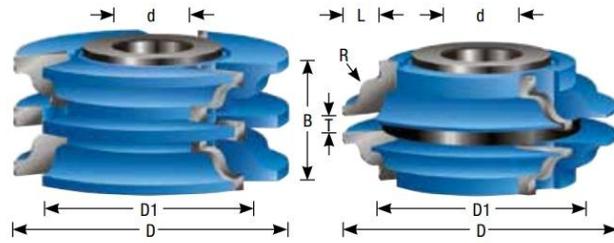
Concave stile	941
Rail for concave stile	942
1/2" straight (2 pcs.)	948
1/4" straight	917
Steel spacer	919
'T' bushing, 1/2" x 3/4" (4 pcs.)	BU-550
Sleeve bushing, 1/2" x 3/4" x 3/4" long (2 pcs.)	BU-910

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

### STILE & RAIL CABINET DOOR SETS FOR 1-3/8" MATERIAL

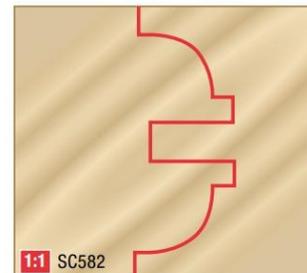
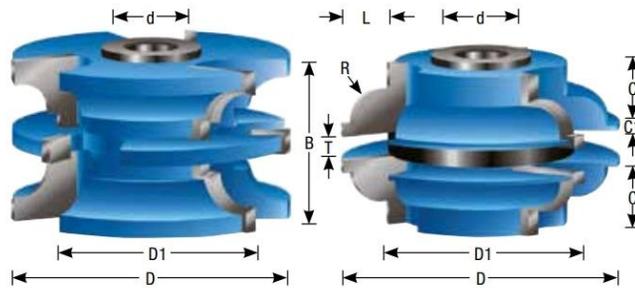
*Ogee*



ØD	D1	B	T	L	R	Ød	Rub Collar	Tool No.
3-9/16	—	1-1/2	1/4	9/16	3/16	1 & 1-1/4	C-017***	<b>SC580</b>
3-9/16	2-1/2	1-3/4	1/2	17/32	3/16	1 & 1-1/4	C-017***	<b>SC581</b>

### STILE & RAIL CABINET DOOR SETS FOR 1-9/16" MATERIAL

*Bead*



ØD	D1	B	L	C	C1	R	T	Ød	Rub Collar	Tool No.
2-27/32	1-27/32	1-9/16	1/2	17/32	1/8	5/16	7/32	1/2 & 3/4	—	<b>SC582</b>
3-9/16	2-9/16	1-9/16	1/2	17/32	1/8	5/16	7/32	1 & 1-1/4	C-018***	<b>SC583</b>

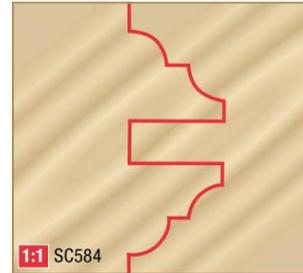
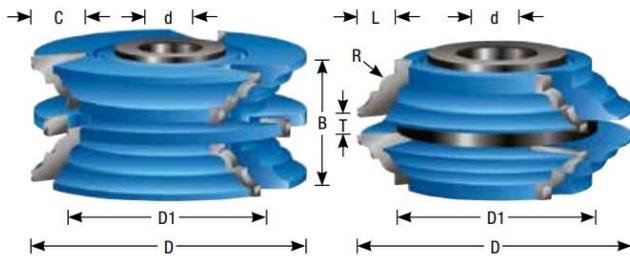
\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

## STILE & RAIL CABINET DOOR SETS FOR 1-3/8" TO 1-5/8" MATERIAL

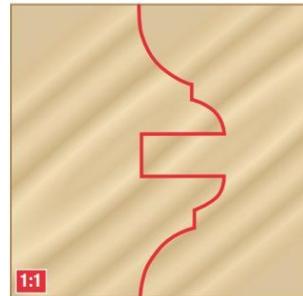
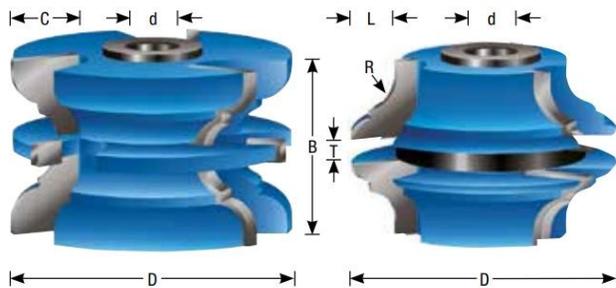
*Bead & Cove*



ØD	ØD1	C	B	T	L	R	Ød	Rub Collars	Tool No.
3-9/16	2-7/16	9/16	1-9/16	1/4	9/16	3/16	1/2 & 3/4	C-039**	SC585
3-9/16	—	7/8	1-5/8	1/4	9/16	13/64	1 & 1-1/4	C-018***	SC584

## STILE & RAIL EXTERIOR DOOR SET FOR 1-3/4" MATERIAL

*Bead & Cove*



ØD	C	B	T	L	R	Ød	Rub Collar	Tool No.
2-7/8	1/2	1-3/4	1/4	1/2	21/64	1/2 & 3/4	C-008**	SC590

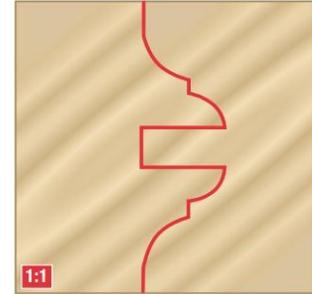
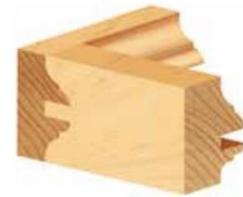
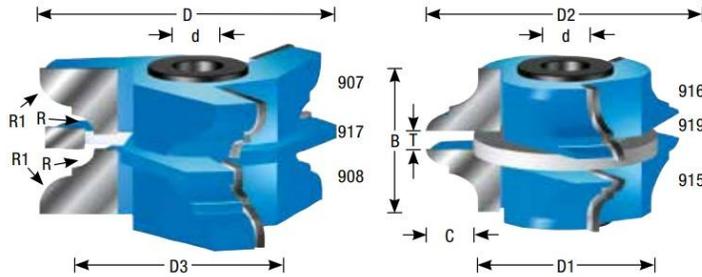
370  **Amana Tool**®

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

### STILE & RAIL EXTERIOR DOOR SET FOR 1-3/4" MATERIAL

Cove & Bead

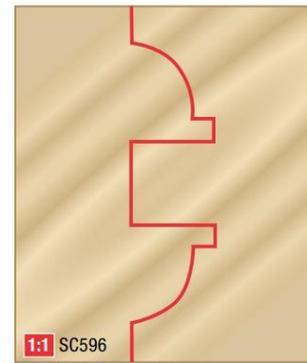
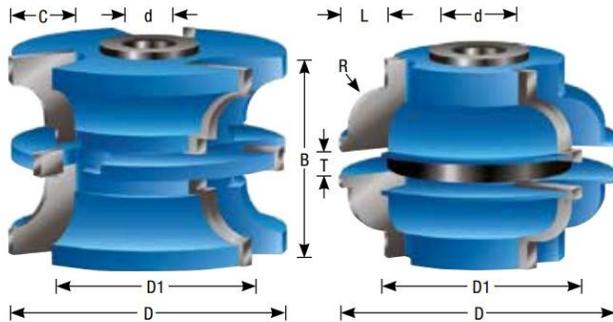


ØD	ØD1	ØD2	ØD3	T	C	B	R	R1	Ød	Rub Collars	Tool No.
3-1/8	1-7/8	2-15/16	2-1/16	1/4	17/32	1-3/4	15/64	11/32	1/2 & 3/4	C-008, C-022**	922 †

† For replacement cutters, see references in above drawing.

### STILE & RAIL EXTERIOR DOOR SETS FOR 1-3/4" TO 2-1/8" MATERIAL

Bead



ØD	ØD1	C	B	T	L	R	Ød	Rub Collar	Tool No.
3-11/32	2-5/16	33/64	1-31/32	1/4	9/16	25/64	1 & 1-1/4	C-040***	SC593
2-7/8	1-13/16	17/32	2	1/4	9/16	25/64	1/2 & 3/4	—	SC592
3-17/32	2-17/32	1/2	2-1/8	1/2	1/2	25/64	1 & 1-1/4	C-018***	SC596

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

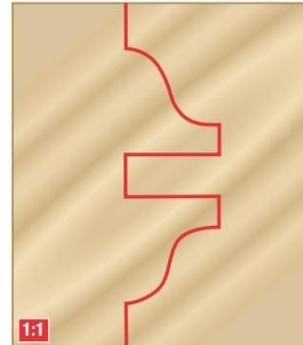
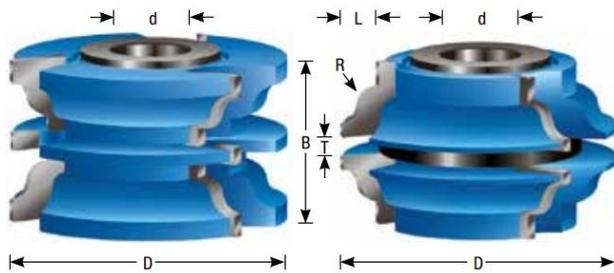
For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

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### STILE & RAIL EXTERIOR DOOR SET FOR 2" MATERIAL

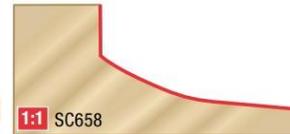
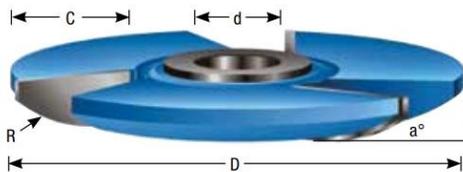
Ogee



ØD	B	T	L	R	Ød	Rub Collars	Tool No.
3-9/16	2-1/16	1/4	9/16	1/4	1 & 1-1/4	C-018***	SC594

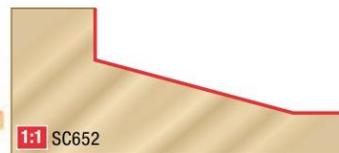
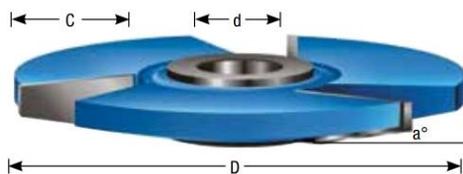
### RAISED PANEL FOR 5/8" MATERIAL

Cove



ØD	B	C	R	a°	Ød	Rub Collar	Tool No.
4-5/8	5/8	1-3/16	2-23/64	6°	1/2 & 3/4	C-005**	SC658
5-1/2	5/8	1-1/2	1-29/32	6°	1 & 1-1/4	C-017***	SC514

Traditional



ØD	B	C	a°	Ød	Rub Collar	Tool No.
4-5/8	5/8	1-3/16	15°	1/2 & 3/4	C-005**	SC652
5-1/2	5/8	1-1/2	12°	1 & 1-1/4	C-017***	SC516

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!



For rub collars & bushings, see pages 388-389.

## RAISED PANEL FOR 5/8" MATERIAL

### Traditional

ØD	B	C	R	a°	Ød	Rub Collar	Tool No.
5-1/2	5/8	1-1/2	1/8	12°	1 & 1-1/4	C-007***	SC518

### Ogee

ØD	B	C	R	Ød	Rub Collar	Tool No.
4-5/8	5/8	1-3/16	1-1/2	1/2 & 3/4	C-005**	SC654
5-1/2	5/8	1-1/2	1-9/16	1 & 1-1/4	C-017***	SC520

### Classical

ØD	B	C	R	a°	Ød	Rub Collar	Tool No.
5-1/2	5/8	1-1/2	5/32	7°	1 & 1-1/4	C-017***	SC522

### Classical

ØD	B	C	R	Ød	Rub Collar	Tool No.
5	5/8	1-1/2	1/8	1/2 & 3/4	C-010**	SC690

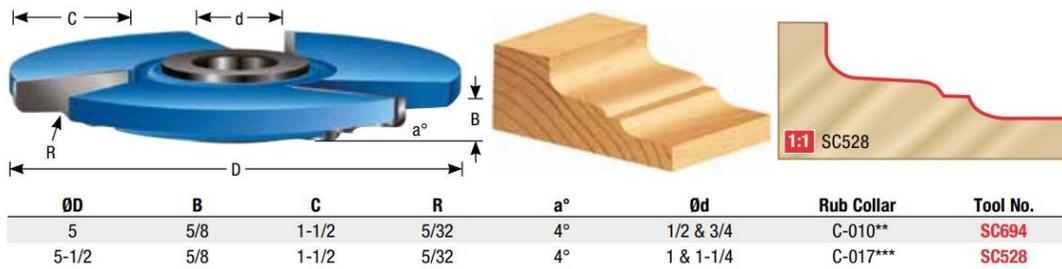
\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

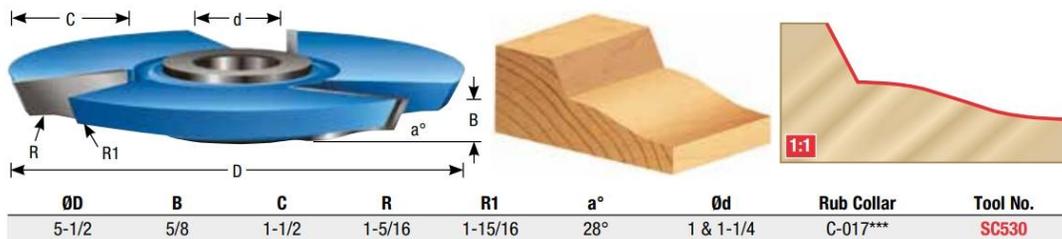
**INDUSTRIAL SHAPER CUTTERS**

## RAISED PANEL FOR 5/8" MATERIAL

*Classical*

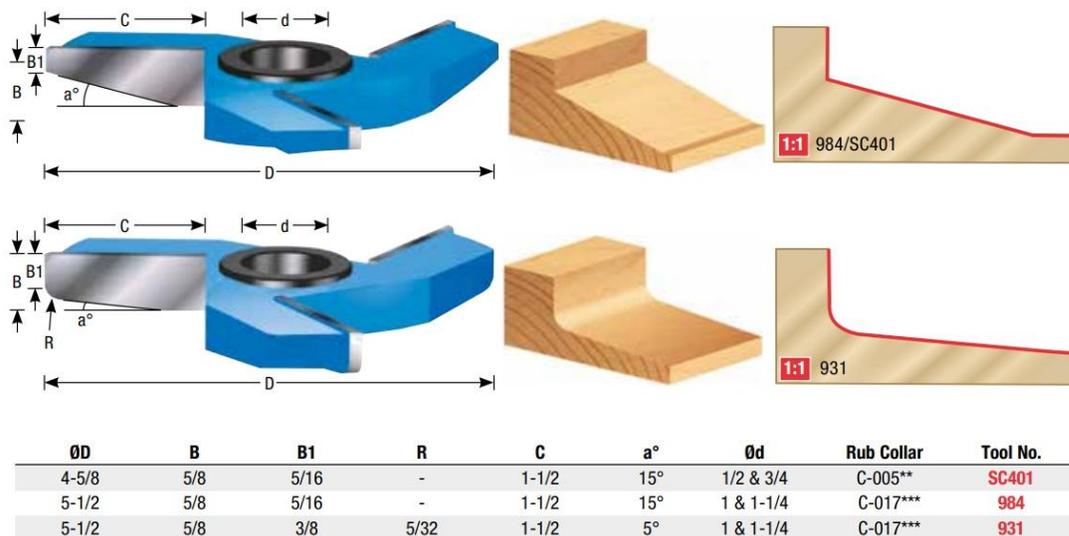


*Ogee*



## RAISED PANEL FOR 5/8" MATERIAL

*Horizontal Panel Raising / Shear Face • Traditional*

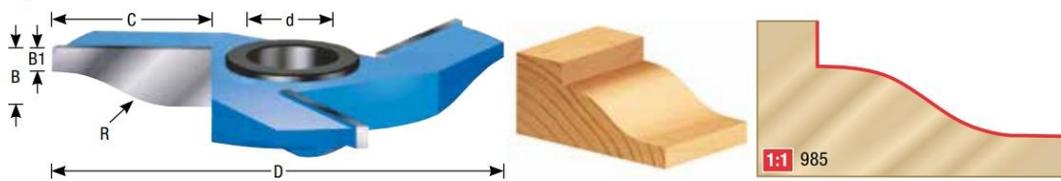


**Note:** Reveal (C) shown on all above tools reflects the total length of cut. Therefore, you must deduct 3/8" (usually) for allowing the panel to recess into the frame. Replacement 'T' bushings #BU-720 (2 required).

## RAISED PANEL FOR 11/16" MATERIAL

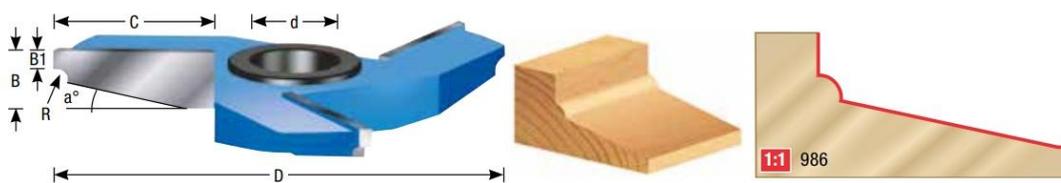
*Horizontal Panel Raising / Shear Face*

### Ogee



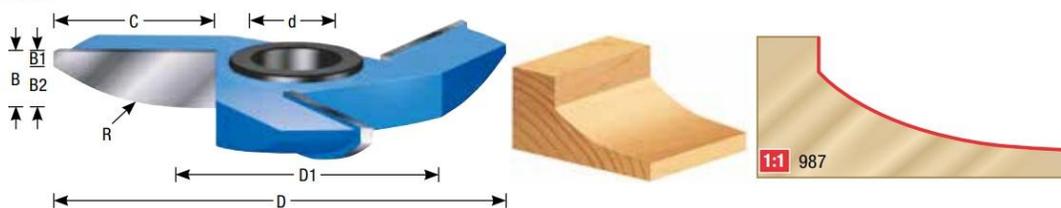
ØD	B	B1	R	C	Ød	Rub Collar	Tool No.
4-5/8	11/16	9/32	7/8	1-1/2	1/2 & 3/4	C-005**	SC403
5-1/2	11/16	9/32	3/4	1-1/2	1 & 1-1/4	C-017***	985

### Classical



ØD	B	B1	R	C	a°	Ød	Rub Collar	Tool No.
4-5/8	11/16	11/32	1/8	1-1/2	12°	1/2 & 3/4	C-005**	SC405
5-1/2	11/16	11/32	1/8	1-1/2	12°	1 & 1-1/4	C-017***	986

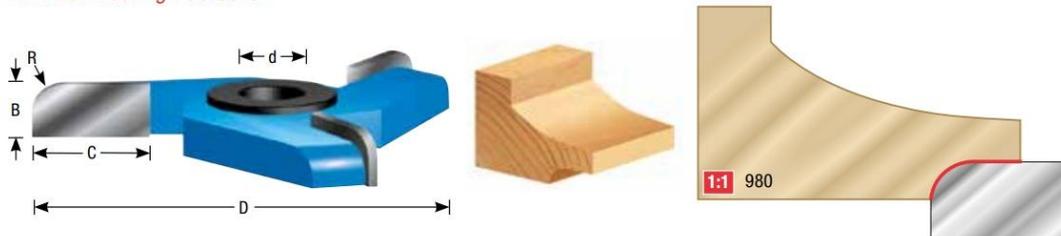
### Cove



ØD	ØD1	B	B1	B2	R	C	Ød	Rub Collar	Tool No.
4-5/8	-	11/16	7/32	-	2-1/2	1-1/2	1/2 & 3/4	C-005**	SC407
5-1/2	3-9/64	11/16	1/4	7/16	2-23/64	1-1/2	1 & 1-1/4	C-017***	987

## RAISED PANEL BACK

*With Ball Bearing Rub Collar*



ØD	B	R	C	Ød	Rub Collar	Tool No.
3-1/2	1/2	1/4	7/8	1/2 & 3/4	C-006**	980
3-39/64	1/2	1/4	7/8	1 & 1-1/4	C-045***	989

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

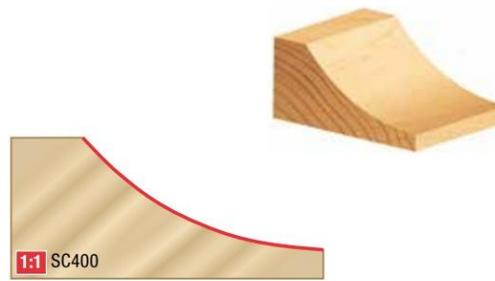
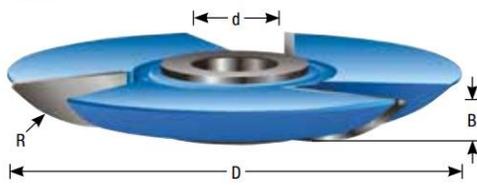
For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

**375**

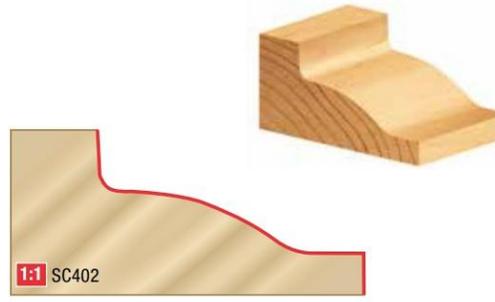
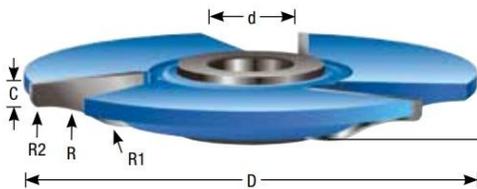
## RAISED PANEL FOR 3/4" MATERIAL

### Cove



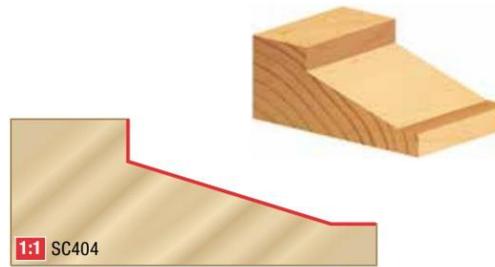
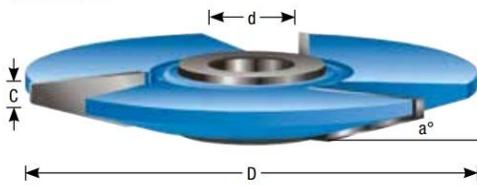
ØD	B	R	Ød	Rub Collar	Tool No.
4-15/16	11/16	1-57/64	1/2 & 3/4	C-004**	SC400
5-1/2	5/8	1-57/64	1 & 1-1/4	C-017***	SC500

### Ogee



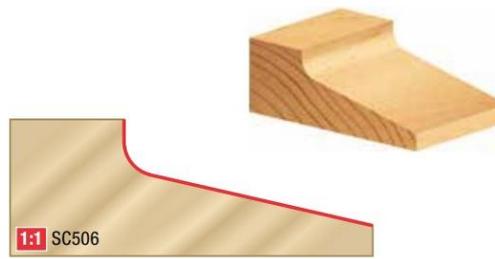
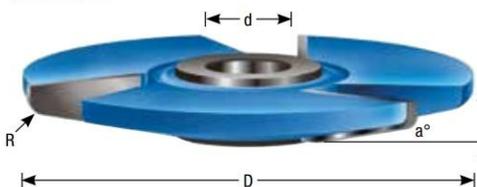
ØD	B	C	R	R1	R2	Ød	Rub Collar	Tool No.
4-15/16	23/32	3/8	1-15/32	7/8	7/8	1/2 & 3/4	C-004**	SC402
5-1/2	5/8	5/16	1-15/32	1/8	7/8	1 & 1-1/4	C-017***	SC502

### Traditional



ØD	B	C	a°	Ød	Rub Collar	Tool No.
4-15/16	5/8	1/4	17°	1/2 & 3/4	C-004**	SC404
5-1/2	5/8	1/4	17°	1 & 1-1/4	C-017***	SC504

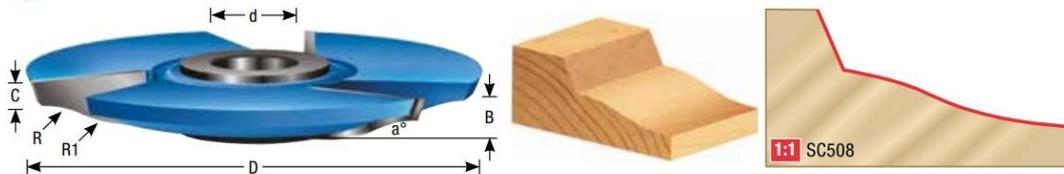
### Traditional



ØD	B	R	a°	Ød	Rub Collar	Tool No.
5-1/2	5/8	13/64	13°	1 & 1-1/4	C-017***	SC506

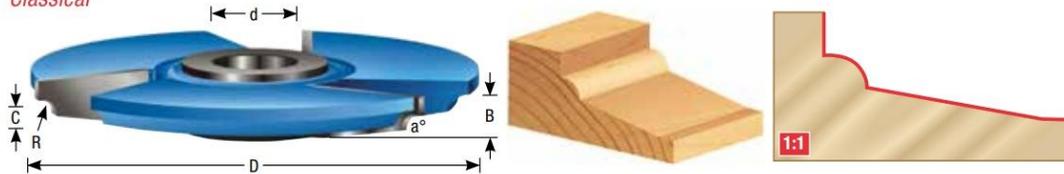
## RAISED PANEL FOR 3/4" MATERIAL

### Ogee



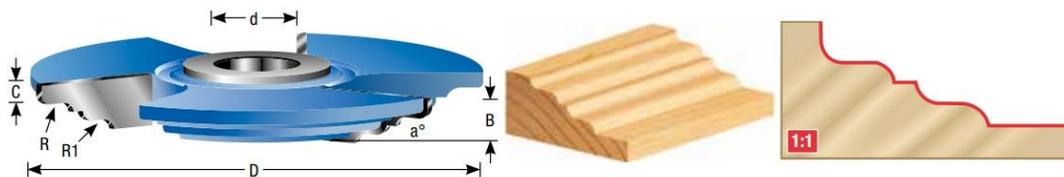
ØD	B	C	R	R1	a°	Ød	Rub Collar	Tool No.
4-15/16	11/16	3/8	1-31/32	1-3/8	23°	1/2 & 3/4	C-004**	SC408
5-1/2	5/8	5/16	1-31/32	1-31/32	23°	1 & 1-1/4	C-017***	SC508

### Classical



ØD	B	C	R	a°	Ød	Rub Collar	Tool No.
5-1/2	5/8	1/4	13/64	10°	1 & 1-1/4	C-017***	SC512

### Cove & Corner Round



ØD	B	C	R	R1	Ød	Rub Collar	Tool No.
5-1/2	5/8	1/4	1/8	5/32	1 & 1-1/4	C-017***	SC509

\*Rub collar for 1/2" arbor only! \*\*Rub collar for 3/4" arbor only! \*\*\*Rub collar for 1-1/4" arbor only!

For rub collars & bushings, see pages 388-389.

**INDUSTRIAL SHAPER CUTTERS**

# **INDUSTRIAL** Insert Carbide **Shaper Cutters**



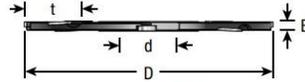
**▲ Warning:** Before use, read shaper cutter safety guidelines on page 391.



## GROOVING

*With Scorer 4mm to 6mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Can be used with spacer rings for comb jointing.

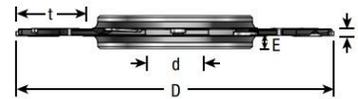


ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
125mm(5)	4mm(5/32)	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	RCK-18	RCK-71	61451
125mm(5)	5mm(3/16)	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	RCK-19	RCK-71	61453
125mm(5)	1/4	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	RCK-33	RCK-71	61466
150mm(5-7/8)	6mm(15/64)	4+4	1-1/4	45mm(1-3/4)	5,200-8,900	RCK-33	RCK-71	61457
180mm(7-1/16)	4mm(5/32)	8+8	1-1/4	55mm(2-5/32)	4,200-7,200	RCK-18	RCK-71	61458
180mm(7-1/16)	6mm(15/64)	8+8	1-1/4	55mm(2-5/32)	4,200-7,200	RCK-33	RCK-71	61461

## ADJUSTABLE GROOVING

*With Scorer 4mm to 7.5mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Cutting width can be adjusted in 0.1mm increments by using supplied spacer rings.



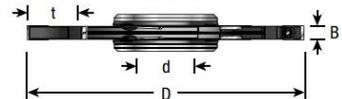
ØD	B	Teeth	E	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	4 to 7.5mm(5/32 to 19/64)	8+4	6.35(1/4)	1-1/4	30mm(1-3/16)	4,800-8,300	RCK-18	RCK-71	61350
180mm(7-1/16)	4 to 7.5mm(5/32 to 19/64)	8+4	6.35(1/4)	1-1/4	40mm(1-1/2)	4,300-7,500	RCK-18	RCK-71	61352

Replacement parts: Blade nut for RCK-18 #67172 / RCK-71 #67056; Torx key #5090.

## 3 PART ADJUSTABLE GROOVING

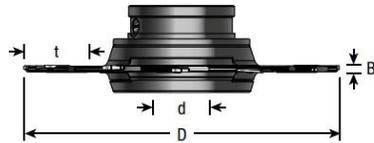
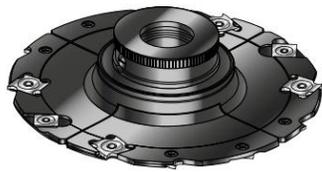
*With Scorer 4mm to 15.5mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Cutting width can be adjusted in 0.1mm increments by using supplied spacer rings.



ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife	Tool No.
150mm(5-7/8)	4 to 15.5mm(5/32 to 5/8)	2+4+4	1-1/4	45mm(1-3/4)	5,500-8,500	AMA-17 RCK-18 RCK-71	61354

Included shim set #67208.



## ADJUSTABLE GROOVING

*With Scorer And Ring Nut*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Cutting width can be adjusted in 0.1mm increments by special threaded bushing and scale without removing the cutter from the spindle.



*With Scorer And Ring Nut 4mm to 7.5mm*

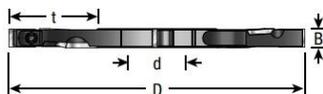
ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	4 to 7.5mm(5/32 to 19/64)	8+4	1-1/4	30mm(1-3/16)	4,800-8,300	RCK-18	RCK-71	<b>61345</b>
180mm(7-1/16)	4 to 7.5mm(5/32 to 19/64)	8+4	1-1/4	40mm(1-1/2)	4,300-7,500	RCK-18	RCK-71	<b>61346</b>

Replacement Parts: Allen Cap Screw for 61346 #67006.



*With Scorer And Ring Nut 8mm to 24mm*

ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	8 to 15mm(5/16 to 19/32)	4+4	1-1/4	30mm(1-3/16)	4,800-8,300	AMA-17	RCK-70	<b>61340</b>
160mm(6-5/16)	12.5 to 24mm(1/2 to 15/16)	4+4	1-1/4	30mm(1-3/16)	4,800-8,300	AMA-19	RCK-70	<b>61342</b>
180mm(7-1/16)	8 to 15mm(5/16 to 19/32)	4+4	1-1/4	40mm(1-1/2)	4,300-7,500	AMA-17	RCK-70	<b>61343</b>



## GROOVING

*With Scorer 8mm to 12mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder.

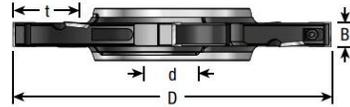
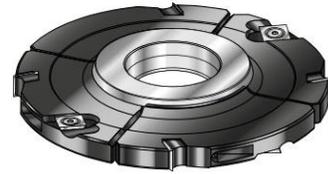


ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
125mm(5)	8mm(5/16)	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	AMA-17	HCK-70	<b>61411</b>
125mm(5)	10mm(13/32)	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	AMA-18	HCK-70	<b>61412</b>
125mm(5)	1/2	4+4	1-1/4	35mm(1-3/8)	6,100-10,500	AMA-12	HCK-70	<b>61422</b>

## ADJUSTABLE GROOVING

*With Scorer 8mm to 24mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Cutting width can be adjusted in 0.1mm increments by using supplied spacer rings.

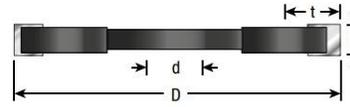
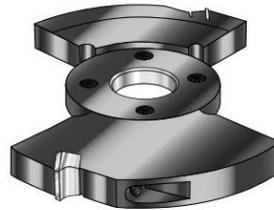


ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	8 to 15mm(5/16 to 19/32)	4+4	1-1/4	30mm(1-3/16)	4,800-8,300	AMA-17	RCK-70	61360
160mm(6-5/16)	12.5 to 24mm(1/2 to 15/16)	4+4	1-1/4	30mm(1-3/16)	4,800-8,300	AMA-19	RCK-70	61362
180mm(7-1/16)	8 to 15mm(5/16 to 19/32)	4+4	1-1/4	40mm(1-1/2)	4,300-7,500	AMA-17	RCK-70	61364
180mm(7-1/16)	12.5 to 24mm(1/2 to 15/16)	4+4	1-1/4	40mm(1-1/2)	4,300-7,500	AMA-19	RCK-70	61366

## INTERMEDIATE STACKABLE

*7mm, 15mm and 20mm Kerfs*

Expand the range of the shim-type adjustable groovers with these intermediate cutters. Works like a stackable dado set: sandwich one or more of the intermediate cutters between a pair of the groovers (model #'s 61350, 61352, 61360, 61362, 61364, 61366). Find the coarse groove width by stacking the appropriate selection of cutters on the shaper spindle, and fine-tune the width by shimming the outside groovers.

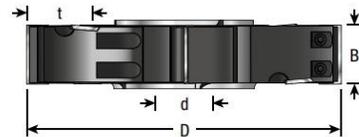
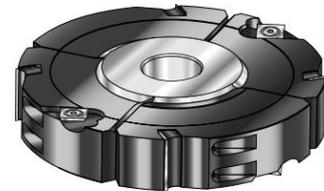


ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	15mm(19/32)	2	1-1/4	30mm(1-3/16)	4,800-8,300	ICK-15		61386
160mm(6-5/16)	20mm(25/32)	2	1-1/4	30mm(1-3/16)	4,300-7,500	ICK-20		61388

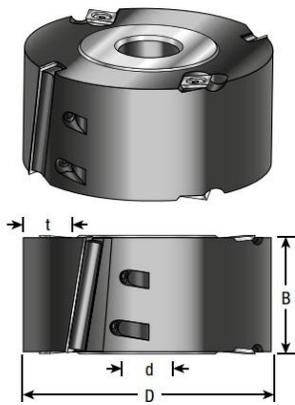
## ADJUSTABLE GROOVING AND RABBETING

*With Scorer 20.6mm to 100mm*

Hard wearing steel body complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness grooves and rabbets in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Cutting width can be adjusted in 0.1mm increments by using supplied spacer rings.



ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
160mm(6-5/16)	20.6 to 40mm(13/16 to 19/16)	4+4	1-1/4	40mm(1-1/2)	4,800-8,000	ICK-20	RCK-70	61355
160mm(6-5/16)	30.6 to 60mm(1-7/32 to 2-3/8)	4+4	1-1/4	40mm(1-1/2)	4,800-8,000	RCK-30	RCK-70	61356
200mm(7-7/8)	20.6 to 40mm(13/16 to 19/16)	4+4	1-1/4	50mm(2)	4,000-6,500	ICK-20	RCK-70	61358



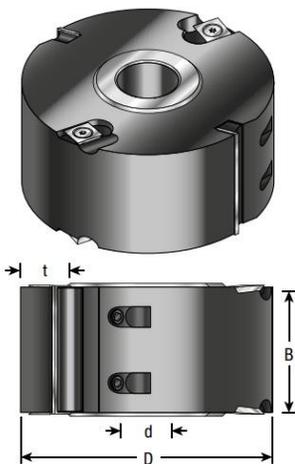
## SHEAR RABBETING

Cutterhead bodies available in hard wearing aluminum or steel, complete with shear angle tungsten carbide knives and scorer. Suitable for producing various thickness rabbets in softwood, hardwood and man-made boards (with or without coating) on a spindle molder. Shear angle reduces tear-out and improves quality of cut.



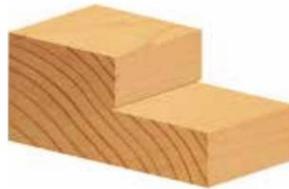
ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
125mm(5)	30mm(1-3/16)	2+4	1-1/4	27mm(1-1/16)	6,100-10,300	ICK-30	HCK-70	61480
125mm(5)	50mm(2)	4+4	1-1/4	27mm(1-1/16)	6,100-10,300	ICK-50	HCK-70	61482
125mm(5)	60mm(2-3/8)	2+4	1-1/4	27mm(1-1/16)	6,100-10,300	ICK-60	HCK-70	61484 *
150mm(5-7/8)	60mm(2-3/8)	2+4	1-1/4	40mm(1-1/2)	5,200-8,600	ICK-60	HCK-70	61485 *

Replacement screw for HCK-70 #67154.  
 Replacement screw for ICK-30 & ICK-50 #67301.  
 Replacement screw for ICK-60 #67142.  
 \*Aluminum



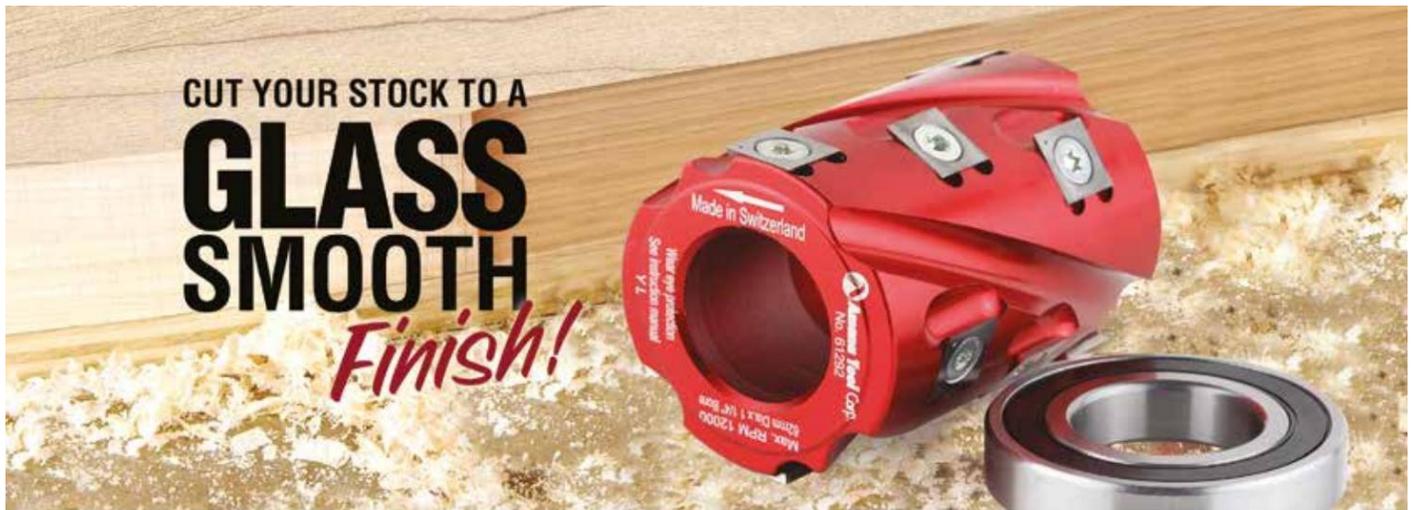
## RABBETING

Cutterhead bodies available in hard wearing aluminum or steel, complete with tungsten carbide knives and scorer for improved finish. Suitable for producing various thickness rabbets in softwood, hardwood and man-made boards (with or without coating) on a spindle molder.



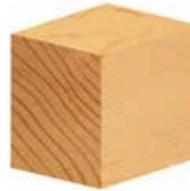
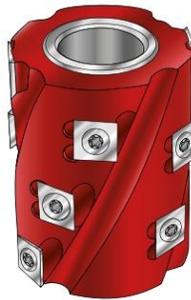
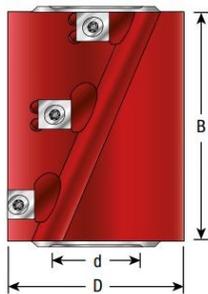
ØD	B	Teeth	Ød	Max. t	RPM	Repl. Knife		Tool No.
85mm(3-3/8)	50mm(2)	2+4	1-1/4	8mm(5/16)	9,000-15,000	ICK-50	HCK-70	61463
90mm(3-9/16)	40mm(1-1/2)	2+4	1-1/4	15mm(19/32)	8,500-12,000	RCK-40	HCK-70	61464 *
100mm(4)	30mm(1-3/16)	2+4	1-1/4	20mm(7/8)	7,600-12,900	ICK-30	HCK-70	61460 *
100mm(4)	50mm(2)	2+4	1-1/4	20mm(7/8)	7,600-12,900	ICK-50	HCK-70	61462 *
125mm(5)	30mm(1-3/16)	2+4	1-1/4	30mm(1-3/16)	6,100-10,000	ICK-30	HCK-70	61470
125mm(5)	50mm(2)	2+4	1-1/4	30mm(1-3/16)	6,100-10,000	ICK-50	HCK-70	61472
125mm(5)	50mm(2)	2+4	1-1/4	30mm(1-3/16)	6,100-10,000	ICK-50	HCK-70	61465 *
125mm(5)	60mm(2-3/8)	2+4	1-1/4	30mm(1-3/16)	6,100-10,000	ICK-60	HCK-70	61467

\*Aluminum



### SPIRAL PLANER/JOINTING

Hard wearing aluminum body complete with spiral positioned tungsten carbide knives. Suitable for planing and jointing in softwood, hardwood and man-made boards on a spindle molder. Can be used with a bearing guide and ring fence for planing and routing curved work pieces with a template.

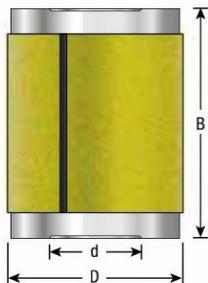


ØD	B	Teeth/Insert Knives	Ød	RPM	Repl. Knife	Rub Collar	Tool No.
62mm(2-1/2)	80mm(3-1/8)	12	1-1/4	8,000-12,000	RCK-70	61596	61292
80mm(3-3/16)	4-3/4	18	1-1/4	9,000	RCK-70	61659	61295 <i>New</i>

#61292: Replacement screw #67154.  
#61295: Replacement screw #67057.

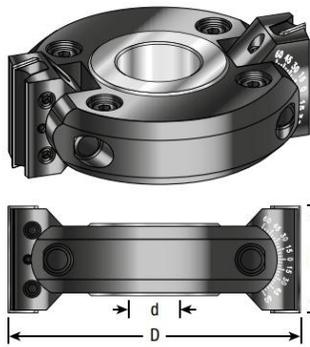
### SANDING DRUM

For sanding rough work-pieces using a bottom template and rub collar with ball bearing.



ØD	B	Ød	RPM	Abrasive Replacement	Rub Collar	Tool No.
60mm(2-3/8)	100mm(4)	1-1/4	4,500	AB61293	61596	61293

Replacement abrasive material = AB61293 (9"x3") 80 grit paper.



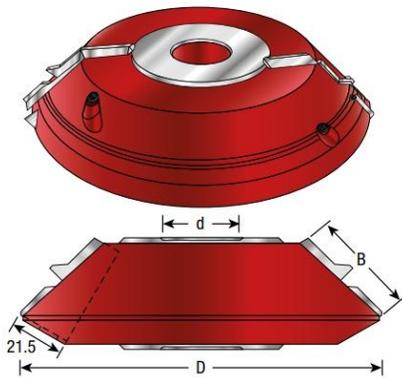
### ADJUSTABLE CHAMFER

Cutterhead bodies available in hard wearing aluminum or steel, complete with tungsten carbide knives. Suitable for producing chamfer cuts at various angles in softwood, hardwood and man-made boards on a spindle molder. Cutting angle can be adjusted in 7.5° increments by using notched scale.



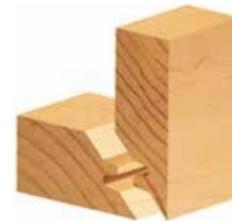
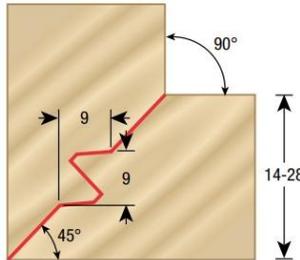
ØD	B	a°	Ød	RPM	Repl. Knife	Tool No.
110mm(4-11/32)	40mm(1-1/2)	-45.0° to +45.0°	1-1/4	7,000-9,000	RCK-40	61303
120mm(4-3/4)	40mm(1-1/2)	-45.0° to +45.0°	1-1/4	6,000-8,500	RCK-40	61304 *
130mm(5-1/8)	50mm(2)	-67.5° to +67.5°	1-1/4	5,000-8,500	ICK-50	61306
150mm(5-7/8)	50mm(2)	-90.0° to +90.0°	1-1/4	5,100-7,400	ICK-50	61307
160mm(6-5/16)	50mm(2)	-90.0° to +90.0°	1-1/4	4,800-6,000	ICK-50	61310 *
170mm(6-11/16)	60mm(2-3/8)	-90.0° to +90.0°	1-1/4	4,500-6,000	ICK-60	61311 *

\*Aluminum



### 45° LOCK MITER

This tool features a hard wearing aluminum cutterhead, complete with two tungsten carbide knives. Suitable for producing 45° lock miter joints in softwood, hardwood and man-made boards on a spindle molder. Can also be used for jointing horizontal pieces of timber.



ØD	B	d	RPM	Repl. Knife	Tool No.
170mm(6-11/16)	40mm(1-1/2)	1-1/4	4,500-7,900	RCK-90	61290

### 'V' TYPE GLUE JOINT

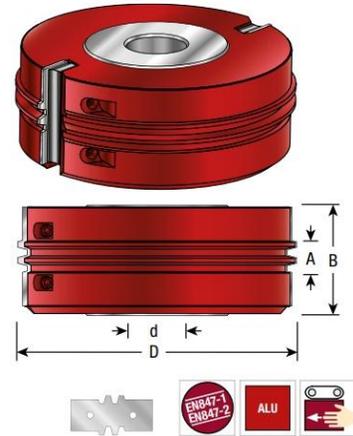
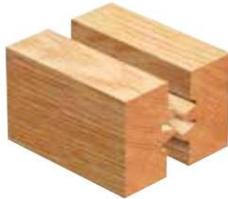
Cutterhead bodies in hard wearing aluminum, complete with tungsten carbide knives. Suitable for producing glue joints in softwood, hardwood and man-made boards on a spindle molder.



ØD	B	Ød	RPM	Repl. Knife	Tool No.
90mm(3-9/16)	50mm(2)	1-1/4	8,500-12,000	RCK-72	61296
120mm(4-3/4)	50mm(2)	1-1/4	6,100-10,000	RCK-72	61297

### GLUE JOINT

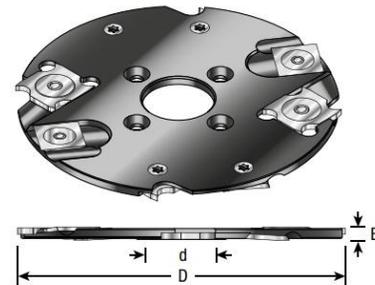
Cutterhead bodies in hard wearing aluminum or steel, complete with tungsten carbide knives. Suitable for producing 'finger style' reversible glue joints in softwood, hardwood and man-made boards on a spindle molder. Visit [www.amanatool.com](http://www.amanatool.com) for cut profiles.



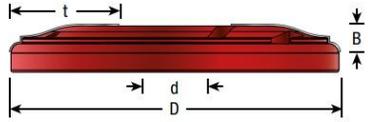
ØD	B	Profile	A	Ød	RPM	Repl. Knife	Tool No.
120mm(4-3/4)	60mm(2-3/8)	1	7.7mm(5/16)	1-1/4	6,500-9,500	RCK-83	61258

### LAMELLO® BISCUIT JOINT

Hard wearing steel body complete with tungsten carbide knives and scorers. Suitable for producing grooves and slots in softwood, hardwood and man-made boards for biscuit jointing. For use with most biscuit jointing machines.



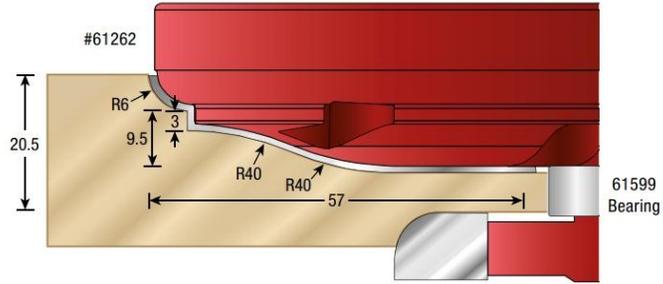
ØD	B	Teeth	Ød	RPM	Repl. Knife	Tool No.
100mm(4)	4mm(5/32)	4+4	22mm	7,700-15,000	RCK-18 RCK-71	61452



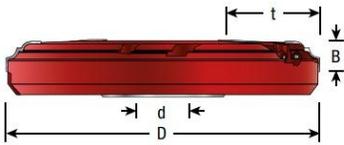
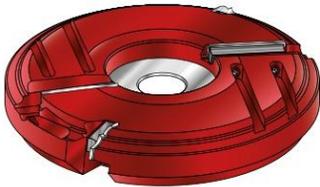
#61262 with back cutter #61265 and bearing #61599

### RAISED PANEL & BACKCUTTER

Cutterhead in hard wearing aluminum, complete with tungsten carbide knives. Suitable for producing raised panel profiles in softwood, hardwood and man-made boards on a spindle molder.



Type	ØD	R	B	Ød	Max. t	RPM	Repl. Knife	Rub Collar	Tool No.
Raised Panel	180mm(7-1/16)	—	25mm(1)	1-1/4	57(2-1/4)	4,500-7,500	RCK-78	61599	61262
Back Cutter	104mm(4-3/32)	5/16	18mm(23/32)	1-1/4	—	7,600-10,000	RCK-132	—	61265



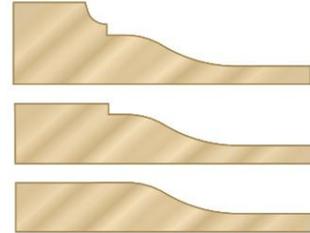
### RAISED PANEL

Cutterhead in hard wearing aluminum, complete with two tungsten carbide knives and two scribes. Suitable for producing various raised panel profiles in softwood, hardwood and man-made boards. Raising or lowering the cutterhead on the spindle molder produces different profiles.

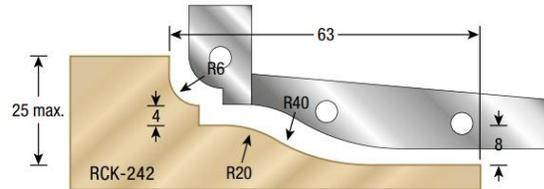
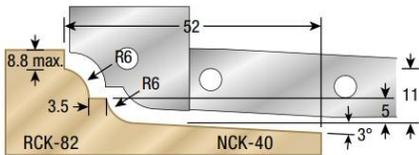


Back cutter #61265 fits #61242.

#61265



61242



Type	ØD	R	B	Ød	Max. t	RPM	Teeth	Repl. Knife	Tool No.
Raised Panel	200mm(7-7/8)	—	24mm(15/16)	1-1/4	63mm(2-1/2)	3,800-6,500	2+2	RCK-242	61242
Back Cutter	104mm(4-3/32)	5/16	18mm(23/32)	1-1/4	—	7,600-10,000	—	—	61265

**INDUSTRIAL**

# Adjustable Insert Shaper Cutters

- Create "rattle-free" cabinet doors
- Designed to accommodate undersized plywood flat panels



## ADJUSTABLE TONGUE & GROOVE SET

The perfect fix for undersized plywood flat panel "Mission Style, Arts & Crafts and Shaker" cabinet doors.

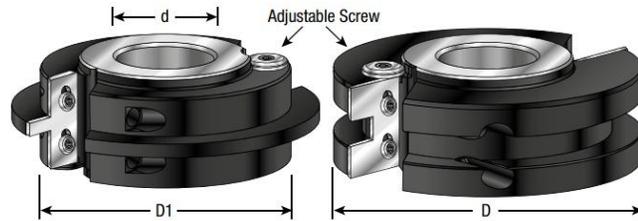
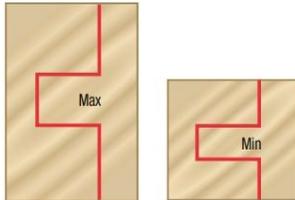
Set includes unique adjustment system and a gauge for precise settings.

- Designed to cut precise grooves to provide undersized plywood veneered panels with a snug, rattle-free fit.
- For 5.5mm undersized 1/4" plywood.
- For 5.9mm oversized 1/4" veneered plywood.
- Adjust the panel groove width 3/16" to 5/16".
- Cut frame stock from 5/8" through 1-3/16" in thickness.

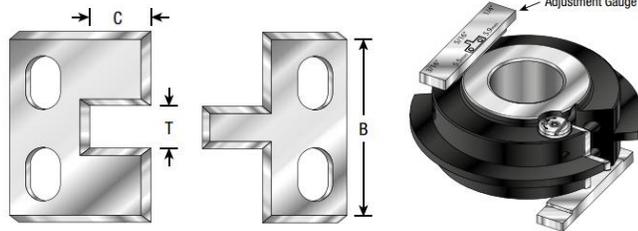


ØD	ØD1	T	C	B	Ød	RPM	Repl. Knife	Rub Collar	Tool No.
4	3-1/4	4.7 to 7.9mm (3/16 to 5/16)	3/8	1-3/16	1-1/4	12,900	RCK-236 RCK-238	C-033	61218

Replacement parts: Knives RCK-236 & RCK-238 consist of one pair each; Screw #67117; Adjusting screw #67058; Locking screw #67059.



Adjust the panel groove width 3/16" to 5/16"

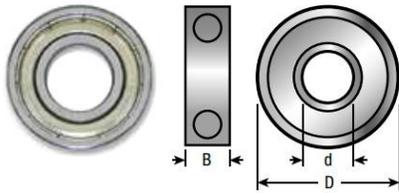


See Pages 214 for Instile & Rail System™ Adjustable Tongue & Groove Router Bit Sets.

See Page 366 for Instile & Rail System™ Adjustable Tongue & Groove Shaper Cutters Sets.

**INDUSTRIAL** INSERT SHAPER CUTTERS

387



## BALL BEARING RUB COLLARS

For Shaper Cutters

For 1/2," 3/4" & 1-1/4" Diameter Spindles

Designed for template shaping such as arched or cathedral doors, etc. Features a ball bearing center with a steel sleeve and is available with either 1/2," 3/4" and 1-1/4" inside diameter. Please see page 372 for additional rub collars.

Use for Amana Tool® No.	Ød	ØD	B	Tool No.
SC602, SC604, SC606	1/2	1.250 (1-1/4)	5/16	C-002
993	1/2	1.500 (1-1/2)	5/16	47806 *
939, SC624, SC642	3/4	1.457	9.5mm	C-043
977	3/4	1.500 (1-1/2)	9.5mm	C-044
905, 950, 906, 929, 930, SC626, SC636, SC638, SC650, SC652, SC654, SC656, SC658	3/4	1.625 (1-5/8)	7/16	C-005
SC586, SC587, SC588, SC589	3/4	42mm (1-21/32)	9mm	47757
900, 901, 968, 969, 980, 998, 991, SC410, SC412 SC414, SC630, SC640, SC646	3/4	1.750 (1-3/4)	7/16	C-006
921, 922, 927, 928, 932, 938, 940, SC554, SC558, SC590, SC634, SC648	3/4	1.874 (1-7/8)	7/16	C-008
964, SC400, SC402, SC404, SC406, SC408	3/4	1.937 (1-15/16)	7/16	C-004
SC440, SC460	3/4	1.964	7/16	C-009
902, 903, 904, 951, 966, SC442, SC644, SC446	3/4	2.000	7/16	C-010
922	3/4	2.063	7/16	C-022
SC585	3/4	2.031 (2-1/32)	7/16	C-039
905, 925, 926, 959, 999, SC618, SC640	3/4	2.125 (2-1/8)	7/16	C-011
972, 974, SC628	3/4	2.250 (2-1/4)	7/16	C-025
	3/4	2.272	7/16	C-013
933, SC616, SC441	3/4	2.295	7/16	C-014
911	3/4	2.311	7/16	C-026
962	3/4	2.425	7/16	C-027
960, 961	3/4	2.468	7/16	C-028
940, 986-VC, 985-VC	3/4	2.500 (2-1/2)	7/16	C-016
934, 935, 937	3/4	2.555	7/16	C-029
984-VC, 987-VC, SC432	3/4	2.625 (2-5/8)	7/16	47822 *
989	1-1/4	1.850	9mm	C-045
SC532, SC534, SC536	1-1/4	2.000	9mm	C-050
SC682	1-1/4	2.165	1/2	C-051
SC593	1-1/4	2.312 (2-5/16)	1/2	C-040
924	1-1/4	2.375 (2-3/8)	1/2	C-041
931, 984, 985, 985-LH, 986, 987, A-30-114, A-30-116, A-30-118, A-30-120, SC420, SC422, SC426, SC500, SC502, SC504, SC506, SC508, SC509, SC511, SC512, SC514, SC516, SC520, SC522, SC524, SC526, SC528, SC530, SC556, SC559, SC580, SC617	1-1/4	2.500 (2-1/2)	5/8	C-017
SC584, SC594	1-1/4	2.531	1/2	C-018
SC424, SC540, SC542, SC544, SC546, SC548, SC550, SC560, SC562, SC564	1-1/4	2.688	1/2	C-019
SC542, SC546, SC548	1-1/4	2.874 (2-7/8)	1/2	C-020
A-28-108, A-29-108, A-30-110	1-1/4	3.000	1/2	C-032
61295	1-1/4	3.1875 (3-3/16)	19/32	61659
A-28-106, A-29-106, A-30-108	1-1/4	3.250 (3-1/4)	1/2	C-033
A-28-104, A-29-104, A-30-104	1-1/4	3.500 (3-1/2)	1/2	C-035
A-28-102, A-29-102, A-30-102	1-1/4	3.625 (3-5/8)	1/2	C-037
A-28-100, A-29-100, A-30-100	1-1/4	3.750 (3-3/4)	1/2	C-038

\*Includes 2 steel shims .007" (#55358); Rub collar shim (#55358)

## BALL BEARING RUB COLLARS

For 3/4", 1", 1-1/4" & 30mm Spindle Shapers

Designed for template shaping such as arched or cathedral doors, etc. Features a steel ball bearing center and interchangeable, lightweight aluminum rub collar sleeves. To order, specify rub collar (example: #61600, 75mm), and then order the correct size bearing to fit your spindle. The bearing includes a special steel retaining collar that properly secures the assembly to your spindle (3/4", 1", 1-1/4" or 30mm).

ØD	B	Order No. (Rub collar only)	ØD	B	Order No. (Ball bearing w/ retainer)
75mm	16mm	61600	2.675"	1-1/4	61650
80mm	16mm	61602	2.675"	1	61652
85mm	16mm	61604	2.675"	30mm	61654
90mm	16mm	61606	2.675"	3/4	61656
95mm	16mm	61608			
100mm	16mm	61610			
4	16mm	61615			
105mm	16mm	61612			
110mm	16mm	61614			
115mm	16mm	61616			
120mm	16mm	61618			
125mm	16mm	61620			
130mm	16mm	61622			
140mm	16mm	61624			
150mm	16mm	61626			
160mm	16mm	61628			

ØD	B	Order No. (Retainer only)
2.675"	1-1/4	61670
2.675"	1	61672
2.675"	30mm	61674
2.675"	3/4	61676

**Note:** Bearing only (1-1/4 x 2-1/2) order #61660 (no retainer).



## DOUBLE 'T' REDUCTION BUSHINGS

Ød	ØD	B	C	Tool No.
1/2	3/4	1-5/16	1	BU-918
3/4	1	1-5/16	1-1/4	BU-916
3/4	1-1/4	1-5/16	1-1/2	BU-914
1	1-1/4	1-5/16	1-1/2	BU-912

## LONG 'T' REDUCTION BUSHINGS

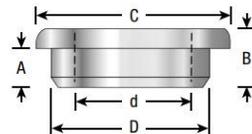
Ød	ØD	A	B	C	Tool No.
3/4	1	1-5/32	1-5/16	1-3/4	BU-926
3/4	1-1/4	1-5/32	1-5/16	1-1/2	BU-924
1	1-1/4	1-5/32	1-5/16	1-1/2	BU-922

## SHAPER CUTTER 'T' REDUCTION BUSHINGS

(With Flange), 2 Required Per Cutter

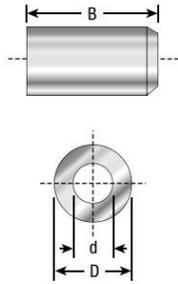
Each item number consists of one of each.

Ød	ØD	A	B	C	Tool No.
1/2	3/4	5mm	9mm	55mm	BU-561
1/2	3/4	1/4	11/32	1	BU-550
1/2	1	5mm	9mm	55mm	BU-565
3/4	1	5mm	9mm	55mm	BU-564
3/4	30mm	5mm	9mm	55mm	BU-562
3/4	1-1/4	5mm	9mm	55mm	BU-570
3/4	1-1/4	1/4	15/32	1-3/4	BU-600
20mm	1-1/4	11/64	1/4	1-3/4	BU-724
1	1-1/4	3/16	9/32	1-3/4	BU-700
1	1-1/4	5mm	9mm	55mm	BU-568
1	1-1/4	1/4	11/32	1-5/8	BU-725
1	1-1/4	1/4	11/32	1-3/4	BU-720
1	1-1/4	11/32	1/2	1-3/4	BU-750
1	30mm	5mm	9mm	55mm	BU-560
1-1/8	1-1/4	13/64	1/4	1-3/4	BU-722
30mm	1-1/4	5mm	9mm	55mm	BU-566



## HIGH PRECISION INDUSTRIAL STEEL SPACERS

(Sleeve Bushings) For Shaper Cutters



### For 1/2" Spindles

Ød	ØD	B	Tool No.
1/2	3/4	.437 (7/16)	<b>BU-902</b>
1/2	3/4	.500 (1/2)	<b>BU-900</b>
1/2	3/4	.750 (3/4)	<b>BU-910</b>
1/2	3/4	1.062 (1-1/16)	<b>BU-920</b>
1/2	1	.250 (1/4)	<b>67220</b>
1/2	1	.375 (3/8)	<b>67221</b>
1/2	1	.500 (1/2)	<b>67222</b>
1/2	1	.750 (3/4)	<b>67223</b>
1/2	1	1	<b>67224</b>

### For 3/4" Spindles

Ød	ØD	B	Tool No.
3/4	1	.250 (1/4)	<b>67230</b>
3/4	1	.375 (3/8)	<b>67243</b>
3/4	1	.437 (7/16)	<b>BU-904</b>
3/4	1-1/4	.250 (1/4)	<b>67225</b>
3/4	1-1/4	.375 (3/8)	<b>67226</b>
3/4	1-1/4	.437 (7/16)	<b>BU-906</b>
3/4	1-1/4	.500 (1/2)	<b>67227</b>
3/4	1-1/4	.750 (3/4)	<b>67228</b>
3/4	1-1/4	1	<b>67229</b>
3/4	1-1/2	.250 (1/4)	<b>67241</b>
3/4	1-5/8	.250 (1/4)	<b>67242</b>
3/4	1-7/8	.250 (1/4)	<b>919</b>

### For 1" Spindles



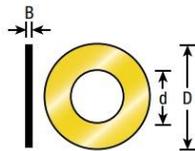
Ød	ØD	B	Tool No.
1	1-1/4	.437 (7/16)	<b>BU-908</b>
1	1-1/2	.250 (1/4)	<b>67231</b>
1	1-1/2	.375 (3/8)	<b>67232</b>
1	1-1/2	.500 (1/2)	<b>67233</b>
1	1-1/2	.750 (3/4)	<b>67234</b>
1	1-1/2	1	<b>67235</b>

### For 30mm Spindles

Ød	ØD	B	Tool No.
30mm	1-1/4	.250 (1/4)	<b>67244</b>
30mm	1-1/4	.375 (3/8)	<b>67245</b>
30mm	1-1/4	.500 (1/2)	<b>67246</b>
30mm	1-1/4	.750 (3/4)	<b>67247</b>
30mm	1-1/4	1	<b>67248</b>

### For 1-1/4" Spindles

Ød	ØD	B	Tool No.
1-1/4	1-3/4	.250 (1/4)	<b>67236</b>
1-1/4	1-3/4	.375 (3/8)	<b>67237</b>
1-1/4	1-3/4	.500 (1/2)	<b>67238</b>
1-1/4	1-3/4	.750 (3/4)	<b>67239</b>
1-1/4	1-3/4	1	<b>67240</b>



## 8 PC. SHIM SETS FOR SHAPER CUTTERS

Application: General purpose arbor steel shims used on assembly type tools that require cutter adjustment. Particularly useful after tool re-sharpening.



Diameters: 'd' Inside x 'D' Outside	8 Pc Set Includes: 'B' Shim Thickness	Qty.	Tool No.
3/4 x 1-1/4	0.1mm (.0040)	1pc.	<b>67250</b>
	0.2mm (.0078)	2pc.	
	0.5mm (.0197)	1pc.	
	1.0mm (.0393)	4pc.	
1-1/4 x 1-3/4	0.1mm (.0040)	1pc.	<b>67252</b>
	0.2mm (.0078)	2pc.	
	0.5mm (.0197)	1pc.	
	1.0mm (.0393)	4pc.	
1-1/4 x 1-31/32	0.1mm (.0040)	2pc.	<b>67208</b>
	0.2mm (.0078)	2pc.	
	0.5mm (.0197)	1pc.	
	1.0mm (.0393)	1pc.	
	2.0mm (.0788)	1pc.	
	3.0mm (.1182)	1pc.	

# Safety Guidelines for shaper cutters



1. Always make sure the machine is disconnected from the power source while going through these important steps.
2. Always refer to your machine owner's manual prior to using your shaper. Learn the machines' applications and limitations as well as the potential hazards.
3. Always wear eye and hearing protection. Keep clothing clear of cutting area.
4. Make certain that the stock is not warped or twisted and is free of any knots, nails, screws, staples, grit or any other foreign object.
5. Always examine the cutters for dull, worn or damaged knives. Never use a dull, worn or damaged tool.
6. When using insert tooling, be sure all knives are installed correctly and securely tightened. Never make adjustments to cutters or knives while shaper is plugged in.
7. Check the direction of the cutter rotation. The sharp leading edge of the knife should be the first to touch the material.
8. Always be sure the spindle nut is securely tightened.
9. Never feed the material in the same direction that the cutterhead rotates.
10. Make sure that both the in feed and out-feed fences are in alignment with each other.
11. Carefully rotate the spindle by hand to be sure that your cutters clear the fence and guards. Never make adjustments to shaper while cutters are turning or the power is on.
12. Always use the safety guards supplied with your machinery. Never remove any safety guards or safety devices. Never make any cuts freehand!
13. Allow at least a minimum safety distance of 4 inches between the cutters and your hands when cutting material. Always use push blocks or sticks when working with small or narrow pieces.
14. Never stand behind the material being shaped.
15. Avoid shaping stock less than 10 inches in length.
16. Hold down the material firmly and feed it into the cutters with a constant and steady feed rate. Do not over-reach.
17. Always feed the material against the cutters. Never remove any stock until the entire length has passed completely through the cutters.
18. Failure to follow safety instructions and warnings could result in serious bodily injury or death.

