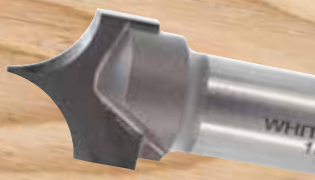
Established 1970

WHITESIDE MACHINE

CLAREMONT, NC



INDUSTRIAL GRADE



ROUTER



BITS



AND CUTTING TOOLS





FAMILY OWNED AND OPERATED

MASTER CATALOG #57

Whiteside Machine Company

About the Company

Whiteside Machine Company was founded in 1970 as a general purpose machine shop in the basement of Bill & Bobbie Whiteside's home. Located in western North Carolina near the furniture manufacturing town of Hickory, the company was often involved in making repairs or special parts for the furniture and woodworking industry. A strong commitment to customer problem-solving, a can-do attitude, and innovative ideas, along with a growing core of dedicated employees, helped the business evolve into a manufacturer of woodworking equipment and tooling.

Primarily through repeat business and referrals, the tooling business continued to grow to meet a demand for quality production router bits as well as custom application tooling. Today, Whiteside Machine occupies a 40,000 sq. ft. manufacturing facility and produces a complete line of solid carbide and carbide tipped router bits. Whiteside's quality, innovation, and customer commitment is still present in our superb product line, in the design of custom tooling to fill special customer requirements, and in the development of special machinery and tooling for our own manufacturing use.

As always, Whiteside Machine is continuously striving to improve our product through new technology, improved production techniques, and ongoing research and development efforts; along with rigid quality control, vital customer feedback and extensive field testing.

About Ordering

Whiteside Machine Company sells through a nationwide distributor network. Prospective customers should order from their local distributor. Call Whiteside Machine at 1-800-225-3982 for a distributor in your area.

Product Guarantee

All Whiteside tools are warranted to be free from defects in workmanship and materials. Warranty is limited to the cost of repair or replacement of the tool. Warranty is void if tools are altered in any way or show signs of abuse or misuse.

Safety Guidelines

BE CAREFUL. Always wear eye and ear protection. Wear dust masks. Avoid loose clothing. Keep hands, body, clothing and hair away from cutter. Do not remove safety guards. Always feed against the cutter rotation. Never use dull or damaged cutters. Disconnect power when changing bits or making adjustments. Always disconnect power when not in use. Follow all safety recommendations of the power tool manufacturer.

Whiteside Machine Company assumes no responsibility for defects, damage or injury (direct or indirect) caused by misuse, abuse, alteration or modification of any product (including sharpening).

Router, Drilling, & Boring Bits

- Family Owned and Operated
- Committed to Quality
- Industrial Grade
- Superb Product Line

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TOLL FREE: 1-800-225-3982 • FAX: 1-828-459-1252 • WEB: www.whitesiderouterbits.com

WHITESIDE MACHINE COMPANY

TABLE OF CONTENTS

SOLID CARBIDE SPIRALS
- Up Cut 2
- Down Cut 2
- Up/Down (Compression) 2
- Hercules Max Life 2
- Three Flute 3
- Slow Spiral 3
- Chipbreaker 3
- Left Hand 3
- Roughing (Hoggers) 3
- Cove Nose 3
- Ball Nose 3
- Conical Ball Nose 3
- Ultimate Flush Trim 4
- Flush Trim 4
- Metric Spiral 4
- O-Flute Spiral 5

SOLID CARBIDE
- 0-Flute Straight 5
- Conical Ball Nose 5
- Flat Bottom Veining 5
- Round Bottom Veining 5
- Liner 5
- Engraving 5
- Trim 6
- Fiberglass 6
- Straight Single Flute 6
- Straight Double Flute 6

CARBIDE TIP - STRAIGHTS
- Straights 7
- CNC 8
- Left Hand 8
- Dado Bits 8
- Template 8
- Staggertooth 9
- Euro Step Mortise Bits 9
- Chairmaking Rabbets 9
- Mortise 9
- Helix Mortise Cutters/Arbors 9

FORM TOOLS
- Bowl & Tray 10
- Round Nose 10
- Half Round 10
- V-Groove 11
- Point Cutting Roundover 11
- Panel 11
- Cove 11
- Rabbeting & Slotting 12
- Biscuit Joining 12
- Roundover 13
- Beading 13
- Plunge Roundover 13
- Double Roundover / Chamfer 14
- Roman Ogee 14
- Chamfer / Bevel 14

FLUSH TRIM BITS
- Solid Carbide Spiral 4
- Standard Two Flute 15
- V-Groove 15
- Overhang 15
- Three Flute 15
- Downshear 15
- Combination 15

LAMINATE TRIM BITS
- Solid Carbide 6
- Ball Bearing 16
- Laminate Roundover 16
- Square Bearing 16

SOLID SURFACE BITS
- Roundover 17
- Rounding Under 17
- Rounding Over Undermount 17
- Bevel Undermount Bowl 17
- Overhang Bowl Trim 17

PROFILE BITS
- Template 18
- Keyhole 18
- T-Slot 18
- Slot & Undercut 18
- Classical Cove 19
- Wavy Edge 19
- Radius Flute Cutter 19
- Full Bead 19
- Multi-Beading 19
- Double Round 19
- Cove & Bead 20
- Ogee Fillet 20
- Ogee 20
- Classical Pattern 20
- Edge Beading 20
- French Traditional 20
- Table Edge 21
- Handrail 21
- Specialty Molding 21

GLUE JOINTS
- Locking Drawer 22
- Standard 22
- 45° Lock Miter 22
- Wedge Tongue & Groove 22
- Straight Tongue & Groove 22
- Vee Panel Tongue & Groove 23
- Tongue & Groove Assembly 23
- Multi-Side Bits 23
- Canoe Making 24
- Edge Banding 24

GROOVE PROFILES
- Round Nose 10
- V-Groove 11
- Plunge Roundovers 13
- Plunge Ogee 24
- Classical Round Bottom 24
- Classical Flat Bottom 24

CABINET MAKING
- MDF Door Bits 25
- Traditional Cabinet Door 26
- Raised Panel Back Cutter 26
- Shaker Stile & Rail 26
- Stile & Rail 27
- Raised Panel 28
- Door Edge 29
- Drawer Edge 29

WINDOW BITS
- Window Sill Edge 29
- Window Sash 30

SLOTTING
- Slotting & Rabbeting 12
- T-Slot 18
- Slot & Undercut 18
- Slotting Cutters/Arbors 30
- Drawer Slot Cutters/Arbors 30

DOVETAILS 31,32

SURFACING AND FLATTENING 32

ACCESSORIES
- Router Collets 32
- Inlay Kit 33
- Base Plate Reducers 33
- Template Guide Bushings 33
- Square Corner Chisel 33
- Extension Adapter 33
- Set-Up Gauge Blocks 33
- Arbors 33
- Washers / Shim Washer Kit 33
- Bearings And Spare Parts 34

ROUTER BIT SETS 35,36,37,38

CNC SETS 38

SAW BLADES 39,40,41

DRILLING & BORING
- Dowel Drills & Brad Point Bits 42
- Hinge Boring Bits 42
- Countersinks 43
- Vix Bits 43
- 3-Wing Drills 44,45
- Quick Change Tooling And Parts 45
- Self Clean Hole Saw 46
- Deep-Cor Hole Saw 47
- Quick Change Shanks 47
- Transom Drills 48

DOOR BITS 49

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STANDARD SPIRAL BITS

Up Cut OR Down Cut

Two Flute

Up Cut



Down Cut



Up Cut Part #	Down Cut Part #	Cutting Dia.	Cutting Length	Overall Length
1/4" SHANK				
RU1600	RD1600	1/8"	1/2"	2"
RU1700	RD1700	5/32"	5/8"	2"
RU1800	RD1800	3/16"	3/4"	2-1/2"
RU1900	RD1900	7/32"	3/4"	2-1/2"
RU2075	RD2075	1/4"	3/4"	2-1/2"
RU2100	RD2100	1/4"	1"	2-1/2"
5/16" SHANK				
RU3100	RD3100	5/16"	1"	2-1/2"
3/8" SHANK				
RU4075	RD4075	3/8"	3/4"	2-1/2"
RU4100	RD4100	3/8"	1"	2-1/2"
RU4125	RD4125	3/8"	1-1/4"	3"
1/2" SHANK				
RU4675	RD4675	1/4"	3/4"	3"
RU4700	RD4700	1/4"	1"	3-1/4"
RU4800	RD4800	9/32"	1"	3"
RU4850	RD4850	5/16"	1"	3"
RU4875	RD4875	3/8"	3/4"	3"
RU4900	RD4900	3/8"	1-1/4"	3"
RU4950	RD4950	7/16"	1-1/4"	3"
RU5100	RD5100	1/2"	1"	3"
RU5125	RD5125	1/2"	1-1/4"	3"
RU5150	RD5150	1/2"	1-1/2"	3-1/2"
RU5200	RD5200	1/2"	2"	4"
5/8" SHANK				
RU6150	RD6150	5/8"	1-1/2"	3-1/2"
RU6200	RD6200	5/8"	2"	4"
3/4" SHANK				
RU7150	RD7150	3/4"	1-1/2"	4"
RU7200	RD7200	3/4"	2"	4"
RU7300	RD7300	3/4"	3"	5"
RU7306	RD7306	3/4"	3"	6"

UP / DOWN CUT SPIRAL BITS *Single Flute*

Up / Down Cut (1+1 Compression)



Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD2100	1/4"	1/4"	1"	2-1/2"
UD4125	3/8"	3/8"	1-1/4"	3"
UD5160	1/2"	1/2"	1-5/8"	3-1/2"

Up / Down Cut (2+2 Compression) *Two Flute*



Up / Down Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD1602	1/4"	1/8"	1/2"	2-1/2"
UD2102	1/4"	1/4"	1"	2-1/2"
* UD4102M	3/8"	3/8"	1"	2-1/2"
UD4122	3/8"	3/8"	1-1/4"	3"
* UD4122M	3/8"	3/8"	1-1/4"	3"
UD5122	1/2"	1/2"	1-1/4"	3"
* UD5122M	1/2"	1/2"	1-1/4"	3"
UD5152	1/2"	1/2"	1-1/2"	3-1/2"
UD5162	1/2"	1/2"	1-5/8"	3-1/2"
* UD5162M	1/2"	1/2"	1-5/8"	3-1/2"
UD5202	1/2"	1/2"	2"	4"
UD5222	1/2"	1/2"	2-1/4"	5-1/2"
UD6152	5/8"	5/8"	1-1/2"	4"
UD7152	3/4"	3/4"	1-1/2"	4"
UD7202	3/4"	3/4"	2"	5"

Up / Down Cut (3+3 Compression) *Three Flute*



Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UD4123	3/8"	3/8"	1-1/4"	3"
* UD4123M	3/8"	3/8"	1-1/4"	3"
UD5123	1/2"	1/2"	1-1/4"	3"
* UD5123M	1/2"	1/2"	1-1/4"	3"
UD5163	1/2"	1/2"	1-5/8"	3-1/2"
* UD5163M	1/2"	1/2"	1-5/8"	3-1/2"

** Mortise Style - These bits have a short up-cut end flute. This design allows down shear cutting action to the top surface during shallow cuts.*

MAX LIFE



PART # HU5125

HERCULES

Max Life Spirals

This series is named "Hercules" for its ability to hold up under severe loads.
Engineered for Maximum Bit Life in High Wear Applications.
Ideal for long production runs in MDF and Laminated Materials.

MAX LIFE



PART # HC5122M

Up Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HU4125	3/8"	3/8"	1-1/4"	3"
HU5125	1/2"	1/2"	1-1/4"	3"

Down Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HD4125	3/8"	3/8"	1-1/4"	3"
HD5125	1/2"	1/2"	1-1/4"	3"



Up / Down Cut (2+2 Compression)

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
HC4122	3/8"	3/8"	1-1/4"	3"
* HC4122M	3/8"	3/8"	1-1/4"	3"
HC5122	1/2"	1/2"	1-1/4"	3"
* HC5122M	1/2"	1/2"	1-1/4"	3"

** Mortise Style (Short up-cut flute for shallow dado cuts)*

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE

THREE FLUTE SPIRAL BITS

Up Cut
OR
Down Cut



PART # RU5125T

Up Cut Part #	Down Cut Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RU4125T	RD4125T	3/8”	3/8”	1-1/4”	3”
RU5125T	RD5125T	1/2”	1/2”	1-1/4”	3”
RU5200T	RD5200T	1/2”	1/2”	2”	4”
RU7200T	RD7200T	3/4”	3/4”	2”	4”

SLOW SPIRAL BITS

Three Flute

Up Cut
OR
Down Cut



PART # RU5150S

Up Cut Part #	Down Cut Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RU4100S	RD4100S	3/8”	3/8”	1”	2-1/2”
RU5100S	RD5100S	1/2”	1/2”	1”	3”
RU5150S	RD5150S	1/2”	1/2”	1-1/2”	3-1/2”
RU5150S-4	—	1/2"	1/2"	1-1/2"	4"

CHIPBREAKER SPIRAL BITS

Two Flute

Up Cut
OR
Down Cut



PART # RU5150CB

Up Cut Part #	Down Cut Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RU5125CB	RD5125CB	1/2”	1/2”	1-1/4”	3”
RU5150CB	RD5150CB	1/2”	1/2”	1-1/2”	3-1/2”
RU5200CB	RD5200CB	1/2”	1/2”	2”	4”

The above items are available from stock with chipbreakers.
Chipbreakers can be added to any spiral bits upon request.

LEFT HAND SPIRAL BITS

Two Flute

Up Cut
OR
Down Cut



PART # LD5125

Up Cut Part #	Down Cut Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
LU1600	LD1600	1/4”	1/8”	1/2”	2”
LU1800	LD1800	1/4”	3/16”	3/4”	2-1/2”
LU2100	LD2100	1/4”	1/4”	1”	2-1/2”
LU3100	LD3100	5/16”	5/16”	1”	3”
LU4100	LD4100	3/8”	3/8”	1”	3”
LU5125	LD5125	1/2”	1/2”	1-1/4”	3”
LU5200	LD5200	1/2”	1/2”	2”	4”
LU6200	LD6200	5/8”	5/8”	2”	4”
LU7200	LD7200	3/4”	3/4”	2”	4”

ROUGHING SPIRAL BITS (Hoggers)

Three Flute

Up Cut
OR
Down Cut



PART # RU5162H

Up Cut Part #	Down Cut Part #	Cutting Dia.	Cutting Length	Overall Length
3/8” SHANK				
* RU4000H	—	3/8”	1”	2-1/2”
RU4075H	—	3/8"	3/4"	3"
RU4100H	RD4100H	3/8”	1”	3”
RU4125H	RD4125H	3/8”	1-1/4”	3”
1/2” SHANK				
RU5125H	RD5125H	1/2”	1-1/4”	3”
RU5162H	RD5162H	1/2”	1-5/8”	3-1/2”
RU5218H	RD5218H	1/2”	2-3/16”	4”
5/8” SHANK				
RU6200H	RD6200H	5/8”	2”	4”
3/4” SHANK				
RU7200H	RD7200H	3/4”	2”	4”
RU7325H	RD7325H	3/4”	3-1/4”	6”

** For Castle & Porter Cable Pocket Machines*

COVE NOSE SPIRALS

Two Flute



RU2075CN



PART # RU2075CN

Up Cut

Part #	Shank Dia.	Cutting Dia.	Corner Radius	Cutting Length	Overall Length
RU2075CN	1/4”	1/4”	1/16”	3/4”	2-1/2”
RU5125CN	1/2”	1/2”	1/8”	1-1/4”	3”

BALL NOSE SPIRALS

Two Flute



RU1800RN RU2075RN



PART# RU1800RN

Up Cut

Part #	Shank Dia.	Cutting Dia.	Radius	Cutting Length	Overall Length
RU1800RN	1/4”	3/16”	3/32”	3/4”	2-1/2”
RU2075RN	1/4”	1/4”	1/8”	3/4”	2-1/2”
RU4100RN	3/8"	3/8"	3/16"	1"	3"
RU5125RN	1/2”	1/2”	1/4”	1-1/4”	3”
RU5200RN	1/2"	1/2"	1/4"	2"	4"

CONICAL BALL NOSE SPIRALS

Four Flute



SC64



PART # SC64



SC66



PART # SC66

Up Cut

Part #	Shank Dia.	Ball Dia.	Radius	Included Angle	Overall Length
SC64	1/4”	1/16”	1/32”	11°	2-1/2”
SC66	1/4”	1/8”	1/16”	7°	2-1/2”

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE

Classic ULTIMATE FLUSH TRIM

The compression design provides the ultimate cut quality on both corners of the workpiece, even in difficult wood grains. Available in versions for top or bottom templates, or with dual bearings for either.

(2+2 Compression)



(A) FLUSH TRIM | (B) PLUNGE / PATTERN | (C) COMBINATION

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
(A) UDFT9112	1/2”	7/8”	1-1/8”	3-3/4”
(B) UDP9112	1/2”	7/8”	1-1/8”	3-1/2”
(C) UDC9112	1/2”	7/8”	1-1/8”	3-3/4”

FLUSH TRIM SPIRAL BITS

These spiral bits offer state-of-the-art results in flush trimming. Our 1/4" diameter tools are great for small inside corners. Try our 1/8” diameter for extremely sharp corners. The 1/8” bit uses a solid pilot. All others feature a double ball bearing guide.

Up Cut



PART # RFT2100

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RFT1600	1/4”	1/8”	3/8”	2”
RFT2100	1/4”	1/4”	1”	3”
RFT5125	1/2”	1/2”	1-1/4”	3-3/4”
RFT5200	1/2”	1/2”	2”	4-3/4”

Down Cut

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
RFTD1600	1/4”	1/8”	3/8”	2”
RFTD2100	1/4”	1/4”	1”	3”
RFTD5125	1/2”	1/2”	1-1/4”	3-3/4”
RFTD5200	1/2”	1/2”	2”	4-3/4”



PART # RFTD5125



PART # UDFT5152

Up / Down Cut (2+2 Compression)

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
UDFT2100	1/4"	1/4"	1"	3"
UDFT5152	1/2”	1/2”	1-1/2”	4-1/4”
UDFT5200	1/2"	1/2"	2"	4-3/4"

Ultra-Long ULTIMATE FLUSH TRIM BITS

The Ultimate Flush Trim Bits for material up to 2-1/8" thick. These bits provide the performance and quality of the Classic Ultimate Bits on thicker stock. For best performance, use the shortest cut length needed for the application.

(2+2 Compression)



PART # UDC9138 | PART # UDC9213 | PART # UDC9163

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
FLUSH TRIM - TOP BEARING ONLY				
UDFT9138	1/2"	7/8"	1-3/8"	4"
UDFT9163	1/2"	7/8"	1-5/8"	4-1/4"
UDFT9213	1/2"	7/8"	2-1/8"	4-3/4"
COMBINATION - TOP AND BOTTOM BEARING				
UDC9138	1/2"	7/8"	1-3/8"	4”
UDC9163	1/2"	7/8"	1-5/8”	4-1/4”
UDC9213	1/2"	7/8"	2-1/8”	4-3/4”

METRIC SPIRALS

With Imperial or Metric Shank

Two Flute

Imperial Shank - Up Cut

	Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
Up Cut	RU1805	1/4”	5mm	3/4”	2-1/2”
	RU2006	1/4”	6mm	7/8”	2-1/2”
	RU4858	1/2"	8mm	1"	3"
	RU4910	1/2”	10mm	1-1/8”	3”
	RU4918	1/2"	10mm	1-3/4"	4"



PART# RU1805

Metric Shank - Up Cut OR Down Cut

Up Cut Part #	Down Cut Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
MU622	MD622	6mm	6mm	7/8"	2-1/2”
MU825	MD825	8mm	8mm	1"	3"
MU832	MD832	8mm	8mm	1-1/4”	3”
MU1032	MD1032	10mm	10mm	1-1/4"	3-1/2"
MU1038	MD1038	10mm	10mm	1-1/2"	4"

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE

O-FLUTE SPIRALS

Plastics and Aluminum

By combining the smooth chip flow of the oval shaped flute with the shearing action of a spiral cutting edge, these bits excel in most plastic and aluminum applications.


TOP VIEW

Up Cut Part #	Down Cut Part #	Cutting Dia.	# Of Flutes	Cutting Length	Overall Length
1/4" SHANK					
RU1581A	-	1/8"	1	1/4"	2"
RU1601A	RD1601A	1/8"	1	1/2"	2-1/2"
RU1602A	-	1/8"	1	5/8"	2-1/2"
RU1611A	RD1611A	1/8"	1	5/8"	4"
RU1701A	-	5/32"	1	5/8"	2-1/2"
RU1801A	-	3/16"	1	5/8"	2-1/2"
RU2074A	RD2074A	1/4"	1	3/4"	2-1/2"
RU2076A	RD2076A	1/4"	2	3/4"	2-1/2"
RU2111A	-	1/4"	1	1-1/8"	3"
RU2151A	-	1/4"	1	1-1/2"	3"
3/8" SHANK					
RU4102A	-	3/8"	2	1"	3"
RU4111A	RD4111A	3/8"	1	1-1/8"	3"
1/2" SHANK					
RU5121A	-	1/2"	1	1-1/4"	3"
RU5161A	-	1/2"	1	1-5/8"	3-1/2"
RU5201A	-	1/2"	1	2"	4"


PART # RU4111A

O - FLUTE STRAIGHT BITS


PART # SA2100

Single Flute

The original choice for routing plastics. The oval flute provides an enhanced flow of plastic chips.


TOP VIEW

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
SA1600	1/4"	1/8"	3/8"	2-1/2"
SA1700	1/4"	5/32"	1/2"	2-1/2"
SA1800	1/4"	3/16"	1/2"	2-1/2"
SA1900	1/4"	7/32"	5/8"	2-1/2"
SA2075	1/4"	1/4"	3/4"	2-1/2"
SA2100	1/4"	1/4"	1"	3-1/2"
SA4100	3/8"	3/8"	1"	3"

CONICAL BALL NOSE SPIRALS *Four Flute*


SC64


PART # SC64


SC66


PART # SC66

Up Cut

Part #	Shank Dia.	Ball Dia.	Radius	Included Angle	Overall Length
SC64	1/4"	1/16"	1/32"	11°	2-1/2"
SC66	1/4"	1/8"	1/16"	7°	2-1/2"

FLAT BOTTOM VEINING


PART# SC33


SC33

Part #	Shank Dia.	Cutting Dia.	Flute	Cutting Length	Overall Length
SC062	1/4"	1/16"	Single	3/16"	1-1/2"
SC33	1/4"	1/8"	Double	1/4"	2"
SC156	1/4"	5/32"	Double	3/8"	1-1/2"
SC34	1/4"	3/16"	Double	3/8"	2"
SC35	1/4"	1/4"	Double	1/2"	2"

ROUND BOTTOM VEINING *Two Flute*


PART# SC40


SC40

Part #	Shank Dia.	Cutting Dia.	Radius	Cutting Length	Overall Length
SC39	1/4"	1/8"	1/16"	1/4"	2"
SC40	1/4"	3/16"	3/32"	3/8"	2"
SC41	1/4"	1/4"	1/8"	1/2"	2"

LINER BITS


PART# SC50


SC50


PART# SC54


SC54


PART# SC55


SC55

Included Angle	Part #	Shank Dia.	Point Type	Overall Length
22°	SC50	1/4"	Pencil	2-1/2"
15°	SC54	1/4"	1/16" Flat	2-1/2"
	SC55	1/4"	3/32" X 45°	2-1/2"

ENGRAVING BITS


SC70


SC71


SC75


SC76


PART # SC70


PART # SC71


PART # SC75


PART # SC76

Included Angle	Part #	Shank Dia.	Point Type	Overall Length
30°	SC70	1/4"	Pencil	2"
	SC71	1/4"	1/32" Flat	2"
45°	SC75	1/4"	Pencil	2"
	SC76	1/4"	1/32" Flat	2"

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE

SOLID CARBIDE TRIM BITS



(A) PART # SC28B



(F) PART # SC29A



(B) PART # SC28



(G) PART # SC30



(C) PART # SC28A



(H) PART# SC31



(D) PART # SC28C



(I) PART# SC32



(E) PART # SC29

Trim Bits	Part #	Shank Dia.	Cutting Length	Overall Length
(A) Standard Flush Trim 1/4" Cut Length	SC28B	1/4"	1/4"	1-1/2"
	SC28B Bulk	100 Pcs. - Bulk Pack		
(B) Flush Trim 3/8" Cut Length	SC28	1/4"	3/8"	1-1/2"
	SC28 Bulk	100 Pcs. - Bulk Pack		
(C) Flush Trim - Double End	SC28A	1/4"	1/4"	2"
(D) Dado Trim Small Pilot for Dado	SC28C	1/4"	1/4"	1-1/2"
	SC28C Bulk	100 Pcs. - Bulk Pack		
(E) 7° Bevel Trim	SC29	1/4"	1/4"	1-1/2"
	SC29 Bulk	100 Pcs. - Bulk Pack		
(F) 7° Bevel Trim Double End	SC29A	1/4"	1/4"	2"
(G) Flush & 7° Bevel Trim Without Pilot	SC30	1/4"	3/8"	1-1/2"
(H) Hole & Flush Trim Panel Pilot	SC31	1/4"	3/8"	2"
(I) Rip & Slotting	SC32	1/4"	3/8"	1-1/2"

SOLID CARBIDE FIBERGLASS BITS

Used for quick roughing of fiberglass. For a finer finish and better chip evacuation, Whiteside recommends using a spiral bit or a straight.



PART #SC90

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
SC90	1/4"	1/4"	3/4"	2-1/2"
SC90V	1/4"	1/4"	3/4"	2-1/2"
SC91V	1/4"	1/4"	1"	3"

Note - Order SC90 for flat bottom plunge point.
SC90V & SC91V are supplied with a vee plunge point.

SOLID CARBIDE STRAIGHT BITS

Single Flute

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
SC062	1/4"	1/16"	3/16"	1-1/2"
SC01	1/4"	1/16"	5/16"	1-1/2"
SC01A	1/4"	3/32"	5/16"	1-1/2"
SC02	1/4"	1/8"	3/8"	1-1/2"
SC03	1/4"	5/32"	5/8"	1-1/2"
SC04	1/4"	3/16"	1/2"	1-1/2"
SC05	1/4"	7/32"	3/4"	2"
SC06	1/4"	1/4"	3/4"	2"
SC07	1/4"	1/4"	1"	2-1/2"
SC08	1/4"	1/4"	1"	3"
SC17	5/16"	5/16"	1"	2-1/2"



PART # SC08

SOLID CARBIDE STRAIGHT BITS

Two Flute

Part #	Cutting Dia.	Cutting Length	Overall Length
1/4" SHANK			
SC33	1/8"	1/4"	2"
SC09	1/8"	3/8"	1-1/2"
SC09A	1/8"	3/8"	2"
SC156	5/32"	3/8"	1-1/2"
SC10	5/32"	5/8"	1-1/2"
SC10A	5/32"	5/8"	2"
SC34	3/16"	3/8"	2"
SC11	3/16"	1/2"	1-1/2"
SC11A	3/16"	1/2"	2"
SC12	3/16"	5/8"	2"
SC13	7/32" / 5.5mm	3/4"	2"
SC35	1/4"	1/2"	2"
SC14	1/4"	3/4"	2"
SC15	1/4"	1"	2-1/2"
SC16	1/4"	1"	3"
5/16" SHANK			
SC18	5/16"	1"	2-1/2"
3/8" SHANK			
SC19	3/8"	1"	2-1/2"
SC19A	3/8"	1-1/4"	3"
1/2" SHANK			
SC218	7/32" / 5.5mm	3/4"	2-3/4"
SC235	15/64" / 6mm	3/4"	2-3/4"
SC20	1/4"	3/4"	2-3/4"
SC21	1/4"	1"	3"
SC22	5/16"	1"	3"
SC23	3/8"	1"	3"
SC24	3/8"	1-1/4"	3"
SC25	1/2"	1"	3"
SC26	1/2"	1-1/4"	3"
SC27	1/2"	1-1/2"	3-1/2"



PART # SC15



PART # SC24

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE

1/4" SHANK STRAIGHT BITS



PART # 1022



SINGLE FLUTE / TWO FLUTE

Part #	Cutting Dia.	Cutting Length	Overall Length	Special Use
1/4" SHANK - Single Flute				
1005	1/4"	1"	2-1/2"	
1007	1/4"	1"	3-1/4"	Air Router
1/4" SHANK - Two Flute				
1012	1/4"	1/2"	2"	
1013	1/4"	3/4"	2-1/4"	Incra®
1014	1/4"	1"	2-1/2"	
1016	1/4"	1"	3"	
1016-01	1/4"	1"	3-1/4"	Air Router
1018	9/32"	1"	3"	
1019	5/16"	1"	2-1/2"	OmniJig® #43300
1020	5/16"	1"	2-3/4"	Leigh #140
1020X8	5/16"	1"	2-3/4"	Leigh #140-8mm Shank
1021	3/8"	3/4"	2-1/4"	
1022	3/8"	1"	2-1/2"	Incra®
1023	3/8"	1-1/4"	2-3/4"	
1023A	13/32"	1"	2-1/2"	
1024	7/16"	1"	2-1/2"	
1024A	31/64"	3/4"	2-1/4"	Plywood Dado
1025	1/2"	3/4"	2-1/4"	
1026	1/2"	1"	2-1/2"	OmniJig® #43318
1027	9/16"	3/4"	2-1/4"	
1027A	19/32"	3/4"	2-1/4"	Plywood Dado
1028	5/8"	3/4"	2-1/8"	
1029	11/16"	3/4"	2-1/8"	
1029A	23/32"	3/4"	2-1/8"	Plywood Dado
1030	3/4"	3/4"	2-1/8"	
1031	3/4"	1"	2-5/8"	
1033	1"	3/4"	2-1/8"	
1303	1-1/4"	1/2"	2-1/8"	Mortising

3/8" SHANK STRAIGHT BITS



PART # 1040



Part #	Cutting Dia.	# Of Flutes	Cutting Length	Overall Length	Special Use
3/8" SHANK - Single Flute					
1035	3/8"	1	1"	2-5/8"	-
3/8" SHANK - Two Flute					
1039	3/8"	2	1"	2-5/8"	-
1040	3/8"	2	1-1/4"	2-7/8"	-
1041	3/8"	2	1-1/4"	3-5/8"	Air Router
1043	1/2"	2	1"	2-1/2"	-
1045	7/8"	2	1"	2-1/2"	-

1/2" SHANK STRAIGHT BITS



PART # 1066



SINGLE FLUTE / TWO FLUTE

Part #	Cutting Dia.	Cutting Length	Overall Length	Special Use
1/2" SHANK - Single Flute				
1049	3/8"	1"	2-5/8"	
1050	3/8"	1-1/4"	2-7/8"	
1051	1/2"	3/4"	2-3/8"	Midwest Machine
1052	1/2"	1-1/4"	2-7/8"	
1054	1/2"	1-1/2"	3-1/8"	
1055	1/2"	2"	4-1/8"	
1055A	1/2"	2-1/2"	4-3/8"	
1/2" SHANK - Two Flute				
1058	1/4"	3/4"	2-3/8"	Incra®
1059	9/32"	3/4"	2-3/8"	
1060	5/16"	1"	2-5/8"	
1061	3/8"	3/4"	2-3/8"	
1062	3/8"	1"	2-5/8"	Incra®
1063	3/8"	1-1/4"	2-7/8"	
1064A	13/32"	1"	2-1/2"	P.C. Dovetail Jig
1065	7/16"	1-1/4"	2-7/8"	
1065L	7/16"	1-1/4"	3-1/4"	Leigh #150
1065A	31/64"	1"	2-5/8"	Plywood Dado
1066	1/2"	1"	2-5/8"	
1067	1/2"	1-1/4"	2-7/8"	Leigh #160
1067F	1/2"	1-1/4"	2-7/8"	Carbide Boring Point
1069	1/2"	1-1/2"	3-1/8"	
1070	1/2"	1-1/2"	4-1/8"	
1071	1/2"	2"	3-1/2"	
1072	1/2"	2"	4-1/8"	
1073	1/2"	2-1/2"	4-3/8"	
1073-01	1/2"	2-1/2"	5-1/2"	
1074	17/32"	1-1/4"	2-7/8"	
1075	9/16"	1-1/4"	3"	
1075A	19/32"	3/4"	2-1/4"	Plywood Dado
1076	5/8"	1"	2-1/2"	
1076F	5/8"	1"	2-1/2"	Carbide Boring Point
1077	5/8"	1-1/4"	3"	
1078	5/8"	1-1/2"	3"	
1079	5/8"	2"	4"	
1080	21/32"	1-1/4"	3"	
1082	11/16"	1"	2-1/2"	
1083	11/16"	1-1/4"	3"	
1083A	23/32"	1"	2-1/2"	Plywood Dado
1302A	3/4"	5/8"	2-1/4"	Mortising
1084	3/4"	1"	2-3/4"	
1085	3/4"	1-1/4"	3"	
1085F	3/4"	1-1/4"	3"	Carbide Boring Point
1086	3/4"	1-1/2"	3-1/4"	
1087	3/4"	2"	3-5/8"	
1088	25/32"	1-1/4"	3"	
1090	13/16"	1-1/4"	3"	
1091	7/8"	1-1/4"	3"	
1092	15/16"	1-1/4"	3"	
1093	1"	1-1/4"	3"	
1093F	1"	1-1/4"	3"	Carbide Boring Point
1094	1"	1-1/2"	3"	
1095	1"	2"	3-3/4"	
1096	1-1/8"	1-1/2"	3"	
1304	1-1/4"	1/2"	2-1/8"	Mortising
1097	1-1/4"	1-1/2"	3"	
1098	1-3/8"	1-1/4"	3"	
1099	1-1/2"	1-1/4"	3"	
1100	1-3/4"	1-1/4"	3"	
1101	2"	1-1/4"	3"	

CNC ROUTER BITS
Straight Cut



PART # C7525F

CNC tools are designed to meet the severe applications of CNC routing. These tools offer superior performance over standard straight flute bits at the high feed rates commonly found on CNC routers. They also provide an economical alternative to the more expensive spiral bits. For the ultimate in CNC routing, choose from Whiteside's wide selection of Solid Carbide Spiral Bits listed on pages 2-4. **Use on CNC Routers only.**

Part #	Cutting Dia.	# Of Flutes	Cutting Length	Overall Length
1/2" SHANK				
C1067	1/2"	2	1-1/4"	2-7/8"
C1069	1/2"	2	1-1/2"	3-1/8"
C1072	1/2"	2	2"	4-1/8"
5/8" SHANK				
C6310	5/8"	2	1-1/4"	3"
C6320	5/8"	2	2"	4"
* 1260	3/4"	1+1	2"	5"
3/4" SHANK				
C7512	3/4"	2	1-1/4"	3"
C7515	3/4"	2	1-1/2"	3-1/4"
C7520	3/4"	2	2"	4"
C7520F	3/4"	2	2"	4"
C7520V	3/4"	2	2"	4"
* 1270	3/4"	1+1	2"	4"
C7525	3/4"	2	2-1/2"	4-1/2"
C7525F	3/4"	2	2-1/2"	4-1/2"
C8820V	7/8"	2	2"	4"

F - Supplied with Carbide Flat Bottom Boring Point
V - Supplied with Carbide Vee Bottom Boring Point
** 1260 and 1270 are 1+1 Compression Bits*

LEFT HAND - STRAIGHT CUT
Double Flute

Part #	Cutting Dia.	Cutting Length	Overall Length
1/2" SHANK			
1062LH	3/8"	1"	2-5/8"
1066LH	1/2"	1"	2-5/8"
1069LH	1/2"	1-1/2"	3-1/8"
1072LH	1/2"	2"	4-1/8"
1085LH	3/4"	1-1/4"	3"
3/4" SHANK			
1105LH	3/4"	2"	5"
* 1126LH	3/4"	2-1/2"	5"
* 1128LH	3/4"	2-1/2"	5-1/2"

** Recommended for "Topmaster" machines.*
NOTE: Left Hand Spiral Bits also available, see pg. 3.

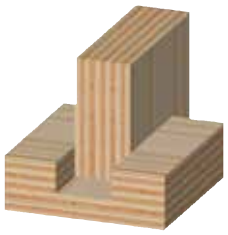


PART # 1069LH

STRAIGHT CUT CABINET DADO BITS
For Undersized Plywood
Double Flute



PART # 1027A



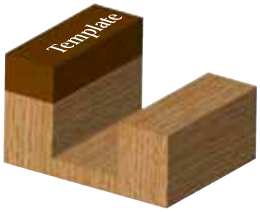
Part #	Cutting Dia.	Plywood Size	Cutting Length	Overall Length
1/4" SHANK - Two Flute				
SC SC13	7/32"	1/4" / 5.5mm	3/4"	2"
1024A	31/64"	1/2"	3/4"	2-1/4"
1027A	19/32"	5/8"	3/4"	2-1/4"
1029A	23/32"	3/4"	3/4"	2-1/8"
1/2" SHANK - Two Flute				
SC SC218	7/32"	1/4" / 5.5mm	3/4"	2-3/4"
SC SC235	15/64"	15/64" / 6mm	3/4"	2-3/4"
1065A	31/64"	1/2"	1"	2-5/8"
1075A	19/32"	5/8"	3/4"	2-1/4"
1083A	23/32"	3/4"	1"	2-1/2"

SC Solid Carbide

TEMPLATE BITS
Ball Bearing Guide



PART #3008



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
* 3000A	1/2"	1/8"	1-3/4"	B9
* 3000	1/2"	1/4"	1-7/8"	B9
3001	1/2"	1/2"	2"	B9
3002	1/2"	3/4"	2-1/4"	B9
3004	1/2"	1"	2-1/2"	B9
* 3006	5/8"	1/4"	1-3/4"	B6
K41	5/8"	1/2"	2-1/4"	B6
K43	5/8"	3/4"	2-1/2"	B6
3008	5/8"	1"	2-1/2"	B6
* 3010	3/4"	1/4"	1-3/4"	B4
3012	3/4"	3/4"	2-3/8"	B4
3014	3/4"	1"	2-5/8"	B4
3/8" SHANK				
3015	7/8"	1"	2-5/8"	B12
1/2" SHANK				
3016	1-1/8"	1"	3"	B11
3018	1-1/8"	1-1/2"	3-1/2"	B11
3019	1-1/8"	2"	4"	B11
*** 3020	3/4"	1"	2-3/4"	***B19
*** 3021	3/4"	1-1/4"	3"	***B19
*** 3022	3/4"	1-1/2"	3-1/4"	***B19
3022A	7/8"	1-1/2"	3-1/2"	B13
*** 3023	3/4"	2"	3-5/8"	***B19

** Dado Clean out bits. Use to Square the bottom of dado cuts made on a table saw.*
**** Whiteside recommends using bits over 3/4" diameter in 1/2" shank whenever possible due to the fragile nature of the B19 bearing.*

STAGGERTOOTH BITS

Straight Flute



PART # 1203

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
1203	1/2”	1/2”	2-1/8”	4”
1205	1/2”	1/2”	2-5/8”	5-1/2”

EURO STEP MORTISE BITS

These bits are designed to route the mortise with groove in a door edge to accept eurogroove lock hardware.



PART # 1255

Part #	Shank Dia.	Small Dia.	Large Dia.	Hardware Brand
1253	1/2"	0.500"	0.630"	Hoppe
1255	1/2"	0.486"	0.642"	GU

CHAIRMAKING RABBET BITS

With +5°, -5°, and Neutral Edges

These bits were made specifically for cutting the seat-to-leg tapered joints on "Maloof inspired" rocking chairs.



PART # 09-165 PART # 09-163 PART # 09-164

Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
09-163	1/2”	1" + 5°	5/8”	2-1/2”
09-164	1/2”	1" - 5°	5/8”	2-1/2”
09-165	1/2"	1" Straight	5/8"	2-1/2"

5° Replacement Bearings: #09-163B or #09-164B.
#09-165 uses a B3 Bearing.

MORTISE BITS



PART # 1301



Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
1300	1/4”	1/2”	3/4”	2-1/8”
1301	1/4”	5/8”	3/4”	2-1/8”
1302	1/4”	3/4”	3/4”	2-1/8”
1303	1/4”	1-1/4”	1/2”	2-1/8”
1302A	1/2”	3/4”	5/8”	2-1/4”
1304	1/2”	1-1/4”	1/2”	2-1/8”

If you need a square corner on your mortise, use Whiteside's Square Corner Chisel (see page 33).

SCREW TYPE HELIX MORTISE

With Downshear Cutter Only





PART # 13-750

Part #	Cutting Diameter		Cutting Length	Overall Length
	Fractional	Decimal		
13-500	1/2”	.500”	5/8”	7/8”
13-515	33/64”	.515”	5/8”	7/8”
13-531	17/32”	.531”	5/8”	7/8”
13-562	9/16”	.562”	5/8”	7/8”
13-625	5/8”	.625”	5/8”	7/8”
13-640	41/64”	.640”	5/8”	7/8”
13-656	21/32”	.656”	5/8”	7/8”
13-687	11/16”	.687”	5/8”	7/8”
13-719	23/32”	.719”	5/8”	7/8”
13-750	3/4”	.750”	5/8”	7/8”
13-765	49/64”	.765”	5/8”	7/8”
13-781	25/32”	.781”	5/8”	7/8”
13-875	7/8”	.875”	5/8”	7/8”
13-1000	1”	1”	1/2”	1/2”
13-1125	1-1/8”	1.125”	1/2”	1/2”
13-1250	1-1/4”	1.25”	1/2”	1/2”
* 13-1250A	1-1/4”	1.25”	1/2”	1/2”

** 13-1250A supplied with 5/16”-24 threads.*
All others supplied with 1/4”-28 threads.
Special cutting diameters available by special order.

HELIX MORTISE ARBORS



PART # HMA-1/4

Part #	Shank Dia.	Thread	Overall Length
HMA-1/4	1/4”	1/4”-28	1-3/4”
HMA-1/2	1/2”	1/4”-28	1-3/4”
* HMA-1/4A	1/4”	5/16”-24	1-3/4”
* HMA-1/2A	1/2”	5/16”-24	1-3/4”

** Fits #13-1250A only*

BOWL & TRAY

BOWL & TRAY BITS





Part #	Cutting Dia.	Radius	Cutting Length	Overall Length
1/4" SHANK				
1370	7/16"	1/8"	5/16"	2-1/8"
1372	3/4"	1/4"	5/8"	2-3/8"
* 1372B	3/4"	1/4"	5/8"	2-3/8"
1/2" SHANK				
1374	3/4"	1/4"	5/8"	2-3/8"
* 1374B	3/4"	1/4"	5/8"	2-3/8"
1376	1-1/4"	1/4"	1/2"	2-1/4"
* 1376B	1-1/4"	1/4"	1/2"	2-1/4"

** Supplied with bearing on shank for pattern template routing.*

ROUND NOSE

ROUND NOSE (CORE BOX)





Part #	Cutting Dia.	Radius	Cutting Length	Overall Length
1/4" SHANK				
[sc] SC39	1/8"	1/16"	1/4"	2"
[sc] SC40	3/16"	3/32"	3/8"	2"
[sc] SC41	1/4"	1/8"	1/2"	2"
1403	3/8"	3/16"	1/2"	2"
1404	1/2"	1/4"	5/8"	2-1/4"
1405	5/8"	5/16"	3/8"	2"
1406	3/4"	3/8"	7/16"	2"
1/2" SHANK				
1407	3/8"	3/16"	1"	2-5/8"
1408	1/2"	1/4"	1-1/4"	2-7/8"
1410	5/8"	5/16"	1-1/4"	2-7/8"
1411	3/4"	3/8"	1-1/4"	2-7/8"
1412	7/8"	7/16"	1-1/4"	2-7/8"
1413	1"	1/2"	1-1/4"	2-7/8"
1414	1-1/4"	5/8"	1-1/4"	3"
1415	1-1/2"	3/4"	1-1/4"	3"
1416	1-3/4"	7/8"	1-1/4"	3"
1417	2"	1"	1-1/4"	3"
3/4" SHANK				
1420	3/4"	3/8"	2"	4"

[sc] Solid Carbide

ROUND NOSE WITH BEARING GUIDE



Part #	Cutting Dia.	Radius	Cutting Length	Bearing Number
1/4" SHANK				
1404B	1/2"	1/4"	5/8"	B9
1405B	5/8"	5/16"	3/8"	B6
1406B	3/4"	3/8"	7/16"	B4

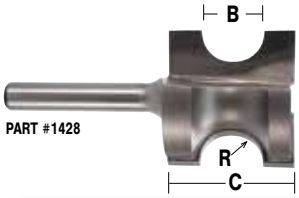
JUICE GROOVE FOR CUTTING BOARDS



Part #	Cutting Dia.	Radius	Nose Length	Overall Length
1/2" SHANK				
1408-01	3/4"	1/4"	3/16"	2-7/8"

HALF ROUND

HALF ROUND (BULL NOSE)

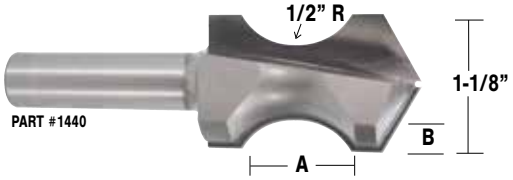




Part #	"R" Radius	"B" Opening of Cutter	"C" Cutting Length	Large Dia.
1/4" SHANK				
1426	1/8"	1/4"	9/16"	7/8"
1427	3/16"	3/8"	7/8"	1"
1428	1/4"	1/2"	1"	1-1/8"
1/2" SHANK				
1429	3/32"	3/16"	1/2"	3/4"
1430	1/8"	1/4"	9/16"	7/8"
1431	3/16"	3/8"	7/8"	1"
1432	1/4"	1/2"	1"	1-1/8"
1432A	5/16"	5/8"	1"	1-1/4"
1433	3/8"	3/4"	1-1/4"	1-5/8"
1433A	7/16"	7/8"	1-1/2"	1-7/8"
1434	1/2"	1"	1-1/2"	1-15/16"
1434A	9/16"	1-1/8"	1-1/2"	1-15/16"
1435	5/8"	1-1/4"	1-3/4"	2-3/16"
1436	3/4"	1-1/2"	1-7/8"	2-7/16"

Note - Large diameter minus "B" opening equals small diameter.

PLUNGE CUT HAND GRIP

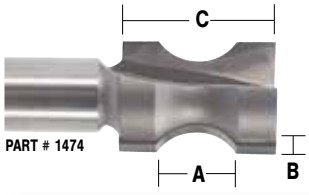


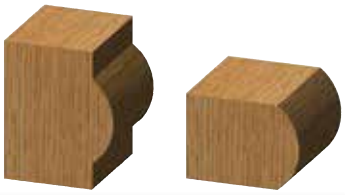


Part #	Shank Dia.	"A" Bead Opening	"B" Bead Depth	Cutting Length	Overall Length
1440	1/2"	7/8"	1/4"	1-3/8"	3-1/2"

Use with B11 bearing and LC-1/2 lock collar on shank for guide template routing.

OVAL EDGE (HALF BULL NOSE)





Part #	Shank Dia.	"A" Bead Opening	"B" Bead Depth	"C" Cutting Length	Large Dia.
1470	1/2"	7/8"	5/32"	1-1/4"	13/16"
1474	1/2"	1/2"	1/8"	1"	3/4"
1476	1/2"	3/4"	3/16"	1-1/4"	1"
1478	1/2"	1"	3/16"	1-1/4"	1"
1480	1/2"	1-1/2"	1/4"	1-3/4"	1-1/4"

V GROOVE

60° INCLUDED ANGLE - V Groove

Part #	Cutting Dia.	Point Length	Overall Length
1/4" SHANK			
SC 1540	1/4"	7/32"	1-1/2"
SC 1541 **	1/4"	7/32"	2"
1550	1/2"	7/16"	2"
1/2" SHANK			
1560	1/2"	7/16"	2-1/4"





SC Solid Carbide
*** #1541 features three flutes for improved veining*

90° INCLUDED ANGLE - V Groove

Part #	Cutting Dia.	Point Length	Overall Length
1/4" SHANK			
SC 1500	1/4"	1/8"	1-1/2"
1501	3/8"	3/16"	1-7/8"
1502	1/2"	1/4"	1-7/8"
1/2" SHANK			
1503	1/2"	1/4"	2"
1504	3/4"	3/8"	2-1/4"
1506	1"	1/2"	2-1/4"
1508	1-1/2"	3/4"	2-5/8"

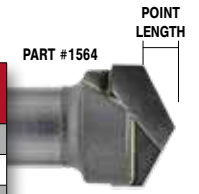




SC Solid Carbide *Not for miter folding.*

120° INCLUDED ANGLE - V Groove

Part #	Cutting Dia.	Point Length	Overall Length
1/4" SHANK			
1554	3/4"	7/32"	2"
1/2" SHANK			
1564	3/4"	7/32"	2-1/4"
1566	1-1/2"	7/16"	2-1/4"

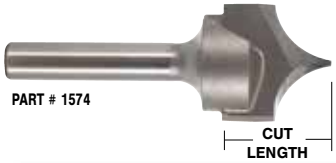




POINT CUTTING ROUNDOVER

POINT CUTTING ROUNDOVER

Decorative Trimming & Lettering





Part #	Cutting Dia.	Radius	Cutting Length	Overall Length
1/4" SHANK				
1568	1/4"	1/8"	1/4"	2"
1570	3/8"	3/16"	1/2"	2"
1572	1/2"	1/4"	1/2"	2"
1574	3/4"	3/8"	5/8"	2"
1/2" SHANK				
1580	3/4"	3/8"	5/8"	2-1/4"
1582	1"	1/2"	3/4"	2-3/8"

Point Cutting Roundovers are not guaranteed against breakage.

PANEL

PANEL BITS

Pilot Plunge Point

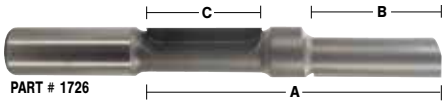




Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
SINGLE FLUTE				
1700	1/4"	1/4"	3/4"	2-5/8"
1700-01	1/4"	1/4"	7/8"	2-5/8"
1701	3/8"	3/8"	1-1/8"	3-3/8"
1701A	3/8"	3/8"	1"	3"
1702	1/2"	1/2"	1-1/4"	4"
1702A	1/2"	1/2"	1-1/4"	3-5/8"
TWO FLUTE				
1704	1/4"	3/8"	1"	3-1/4"
1705	3/8"	3/8"	1"	3"
1706	1/2"	1/2"	1-1/4"	4"

STAGGERTOOTH PANEL BIT

With Center Pilot





Part #	Shank Dia.	Cutting Dia.	"A" Cutting Length	"B" Flute Length	"C" Flute Length	Overall Length
1730	1/2"	1/2"	2-7/8"	1"	1-1/4"	4-1/4"

COVE

COVE BITS





Part #	Radius	Large Dia.	Cutting Length	Bearing Number
1/4" SHANK				
1800A	3/16"	7/8"	1/2"	B3
1800	1/4"	1"	1/2"	B3
1801	3/8"	1-1/4"	1/2"	B3
1802	1/2"	1-1/2"	5/8"	B3
1/2" SHANK				
1803	1/4"	1"	1/2"	B3
1804	3/8"	1-1/4"	1/2"	B3
1805	1/2"	1-1/2"	5/8"	B3
1806	5/8"	1-3/4"	3/4"	B3
1807	3/4"	2"	7/8"	B3
1810	1"	2-1/2"	1"	B3

RABBET BITS

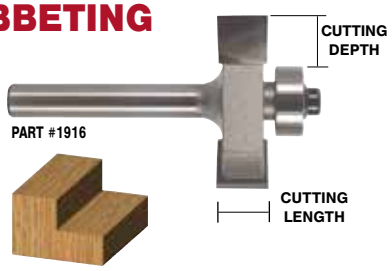




Part #	Large Dia.	Cutting Length	Cutting Depth	Bearing Number
1/4" SHANK				
1880	7/8"	1/2"	1/4"	B2
1900	1-1/4"	1/2"	3/8"	B3
1951	1-3/8"	1/2"	1/2"	B2
1/2" SHANK				
1885	7/8"	5/8"	1/4"	B2
1901	1-1/4"	1/2"	3/8"	B3
1954	1-3/8"	1/2"	1/2"	B2
1959	1-7/8"	1"	3/4"	B2

SLOTTING & RABBETING





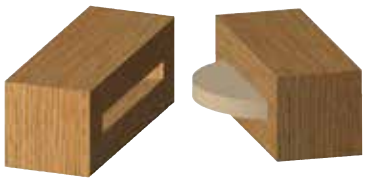
Wood blocks are not to scale.

Part #	Large Dia.	Cutting Length	Cutting Depth	Overall Length
1/4" SHANK				
1904	1-1/4"	1/8"	3/8"	2"
* 1908	1-1/2"	5/32"	1/2"	1-3/4"
1912	1-1/4"	1/4"	3/8"	2"
1916	1-1/4"	3/8"	3/8"	2"
1920	1-1/2"	1/2"	1/2"	2"
1/2" SHANK				
1906	1-1/4"	1/8"	3/8"	2"
* 1910	1-1/2"	5/32"	1/2"	2"
1914	1-1/4"	1/4"	3/8"	2"
1918	1-1/4"	3/8"	3/8"	2-1/8"
1922	1-1/2"	1/2"	1/2"	2-1/4"
1924	1-1/4"	3/4"	3/8"	2-1/2"

** Proper Size for Biscuit Joining*
B3 Bearing supplied

BB501 - Bearing kit with wrench (see pg. 34). Increase the versatility of your Rabbeting Bits by simply changing the bearing size to vary your cutting depth. This set allows 1/4", 5/16", 3/8", & 7/16" cutting depth on all 1-1/4" bits or 3/8", 7/16", 1/2", & 9/16" cutting depth on all 1-1/2" bits.

BISCUIT JOINING KIT

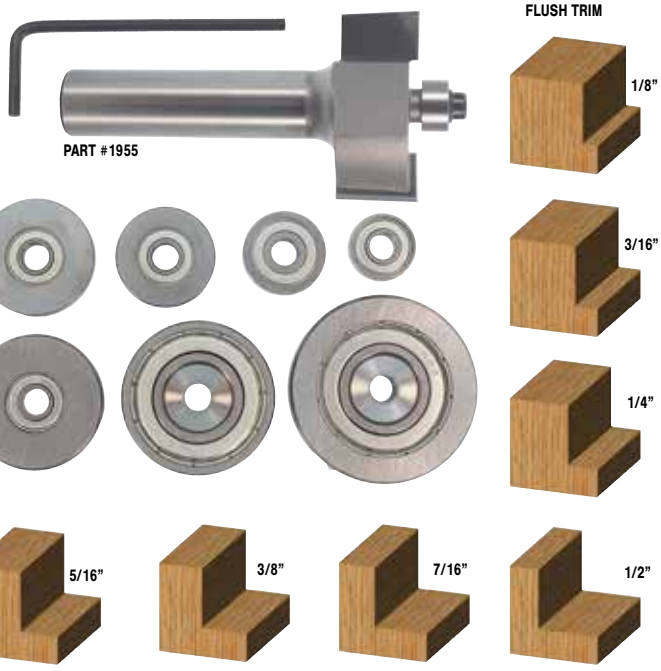


Part #	Description
1940	1/4" Shank Kit
1945	1/2" Shank Kit

This kit contains our 5/32" Rabbeting Bit with 1/2" B3 bearing for cutting slots to fit #20 Biscuits. Also includes alternate bearings B14 and B15 to cut slots for #10 and #0 Biscuits. Hex Wrench included.

MULTI RABBET SET

Change your Rabbet depth by changing the bearing! Set includes all eight bearings to make each of the cuts shown. Hex Wrench included.

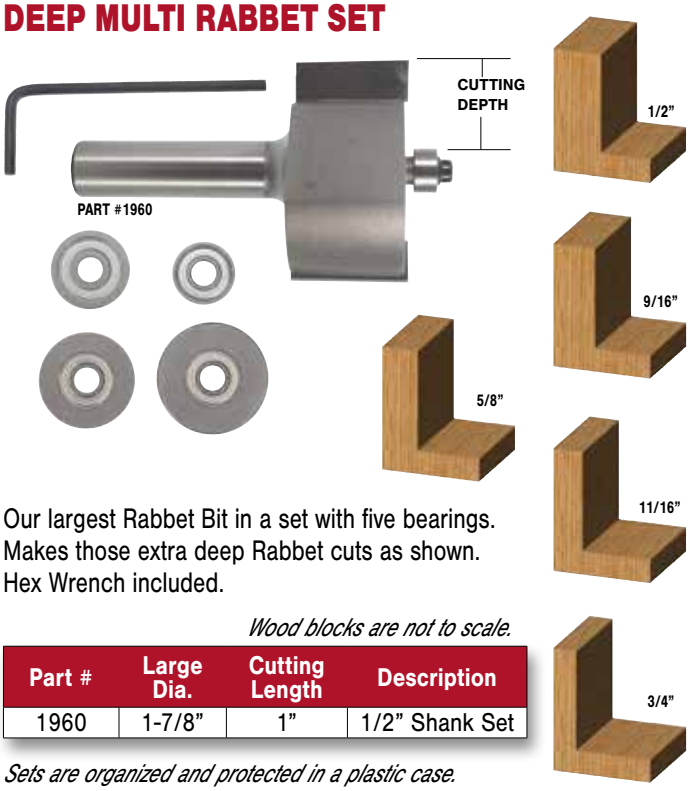


Wood blocks are not to scale.

Part #	Large Dia.	Cutting Length	Description
1952	1-3/8"	1/2"	1/4" Shank Set
1955	1-3/8"	1/2"	1/2" Shank Set

Sets are organized and protected in a plastic case.

DEEP MULTI RABBET SET



Our largest Rabbet Bit in a set with five bearings. Makes those extra deep Rabbet cuts as shown. Hex Wrench included.

Wood blocks are not to scale.

Part #	Large Dia.	Cutting Length	Description
1960	1-7/8"	1"	1/2" Shank Set

Sets are organized and protected in a plastic case.

ROUNDOVER & BEADING

Ball Bearing Guide





Roundover Part #	Beading Part #	Radius	Large Dia.	Cutting Length
1/4" SHANK				
2000A	2100A	1/16"	5/8"	1/2"
2000B		3/32"	11/16"	1/2"
2000C	2100C	1/8"	3/4"	1/2"
2000D	2100D	5/32"	13/16"	1/2"
2000	2100	3/16"	7/8"	1/2"
2001	2101	1/4"	1"	1/2"
2002	2102	5/16"	1-1/8"	1/2"
2003	2103	3/8"	1-1/4"	5/8"
2004	2104	1/2"	1-1/2"	3/4"
1/2" SHANK				
2005C	2105C	1/8"	3/4"	1/2"
2005	2105	3/16"	7/8"	1/2"
2006	2106	1/4"	1"	1/2"
2007	2107	5/16"	1-1/8"	1/2"
2008	2108	3/8"	1-1/4"	5/8"
2008A		7/16"	1-3/8"	5/8"
2009	2109	1/2"	1-1/2"	3/4"
2009A		5/8"	1-3/4"	1"
2009B		9/16"	1-5/8"	3/4"
2010	2110	3/4"	2"	1"
2011		7/8"	2-1/4"	1-1/8"
2012		1"	2-1/2"	1-5/16"
2014		1-1/4"	3-1/4"	1-3/4"
2015		1-3/8"	3-1/2"	1-3/4"
2016		1-1/2"	3-3/4"	1-7/8"

Bearing: *Use B2 for Beading* *Use B3 for Roundover*
Use B4 for 2014 thru 2016

ROUNDOVER BITS

Small Pilot



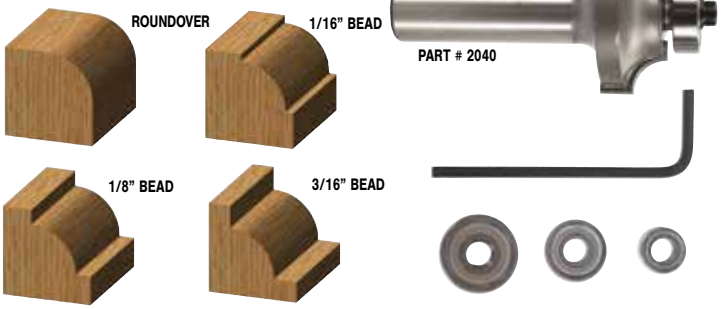


Extra small brass pilot (5/32" dia.) allows these bits to roundover edges on finely detailed workpieces with intricate contours, tight confines, and narrow openings. These bits give professional results without all the tedious hand sanding. Carbide cutting edges far outlast comparable high speed steel bits.

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
1978	1/16"	3/8"	7/16"	2"
1980	1/8"	3/8"	7/16"	2"
1982	1/4"	5/8"	1/2"	2-1/8"
1984	3/8"	7/8"	5/8"	2-1/4"

MULTI-BEADING SETS

For Extra Deep Beading



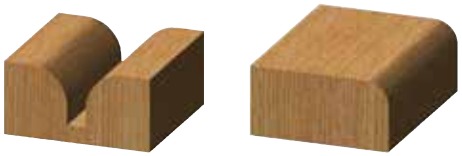
Roundover and More! Conventional Beading only cuts a shallow 1/16" bead. Expand your capabilities with these versatile sets. Deeper beads create a more pronounced edge on larger pieces. Includes all four bearings and Hex Key Wrench.

Wood blocks are not to scale.

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
2040B	1/4"	1-1/4"	1/2"	2-3/8"
2042B	3/8"	1-1/2"	5/8"	2-1/2"
2044B	1/2"	1-3/4"	3/4"	2-5/8"

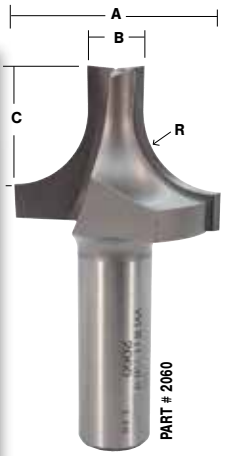
PLUNGE ROUNDOVER

With Plunge Point



ROUNDOVER & EDGE TRIM (Traditional)

Part #	"R" Radius	"A" Large Dia.	"B" Small Dia.	"C" Pattern Length
1/4" SHANK				
2050	1/8"	3/8"	1/8"	1/4"
2051	3/16"	5/8"	1/4"	1/8"
2052	1/4"	3/4"	1/4"	3/8"
1/2" SHANK				
2055	1/4"	3/4"	1/4"	1/4"
2056	1/4"	3/4"	1/4"	3/8"
2057	3/8"	1"	1/4"	5/16"
2058	3/8"	1"	1/4"	9/16"
2060	1/2"	1-3/8"	3/8"	3/4"
2062	9/16"	1-5/8"	1/2"	1"
2064	5/8"	1-3/4"	1/2"	1-1/16"
2066	3/4"	2"	1/2"	1-1/8"



ROUNDOVER & EDGE TRIM (Long Nose)

Part #	"R" Radius	"A" Large Dia.	"B" Small Dia.	"C" Pattern Length
1/2" SHANK				
* 2068	3/16"	1"	1/2"	13/16"
** 2070	3/16"	1"	1/2"	1-5/16"
* 2072	1/4"	1-1/8"	1/2"	13/16"
** 2074	1/4"	1-1/8"	1/2"	1-5/16"
* 2076	3/8"	1-3/8"	1/2"	13/16"

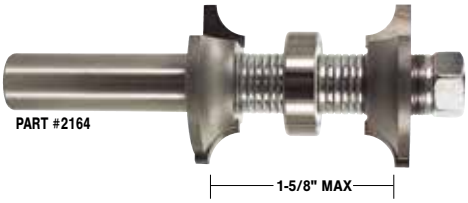


** Edge Trim for 3/4" stock* *** Edge Trim for 1-1/4" stock*

DOUBLE EDGE

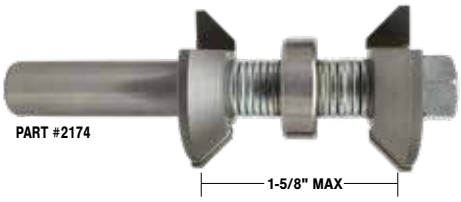
DOUBLE ROUNDOVER AND DOUBLE CHAMFER

With Adjustable Cutting Length





Roundover





45° Chamfer



1/16" Bead

Part #	Radius	Large Dia.	Overall Length
1/2" SHANK			
2160	1/8"	1-1/8"	3-3/4"
2162	3/16"	1-1/4"	3-3/4"
2164	1/4"	1-3/8"	3-3/4"
2174	45°	1-3/8"	3-3/4"

Assemblies sold with B5 Bearing for flush roundover.
Use B20 Bearing for 1/16" Bead.
Use B27 Bearing for 1/8" Bead.
Replacement Cutter Heads: Add RH to part number for cutter next to shank. Add LH to Part Number for end cutter. Example: 2160LH

ROMAN OGEE

ROMAN OGEE





2203

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
2200	5/32"	1-1/8"	9/16"	2"
2201	1/4"	1-1/2"	11/16"	2-1/4"
1/2" SHANK				
2202	5/32"	1-1/8"	9/16"	2-1/4"
2203	1/4"	1-1/2"	11/16"	2-3/8"
2210	3/8"	2"	1"	2-3/4"

Bearing Number: B3

ACTUAL SIZE



2200/2202



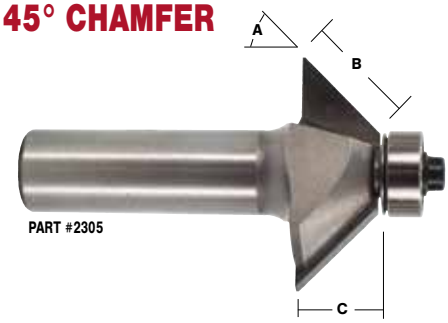
2201/2203



2210

CHAMFER / BEVEL

45° CHAMFER

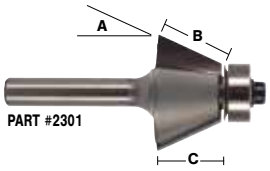




Part #	"A" Degree of Angle	"B" Cutting Length	"C" Cutting Height	Large Dia.
1/4" SHANK				
* 2292	45°	7/16"	5/16"	1"
2302	45°	5/8"	7/16"	1-3/8"
1/2" SHANK				
2305	45°	5/8"	7/16"	1-3/8"
2306	45°	1-1/16"	3/4"	2"
2310	45°	1-1/2"	1-1/16"	2-5/8"

Bearing Number: B3 (Use B2 on #2292)
** 2292 has 1" large diameter for use in trim routers.*

EDGE BEVEL





7° Bevel



25° Bevel

Part #	"A" Degree of Angle	"B" Cutting Length	"C" Cutting Height	Large Dia.
1/4" SHANK				
* 2298	7°	7/16"	3/8"	9/16"
2300	15°	1/2"	1/2"	7/8"
* 2300A	15°	1/4"	1/4"	3/4"
2301	25°	9/16"	1/2"	1"
[1] 2308	30°	7/8"	3/4"	1-3/8"
1/2" SHANK				
[3] 2325	15°	1"	15/16"	1-1/8"
[2] 2307	22.5°	15/16"	7/8"	1-1/4"
[1] 2309	30°	7/8"	3/4"	1-3/8"
2318	60°	1-1/8"	9/16"	2-1/2"

Bearing Number: B3
** Used on Laminate Trim*
[1] Used for six sided boxes
[2] Used for eight sided boxes
[3] Used for twelve sided boxes

ACTUAL SIZE



15° Bevel



30° Bevel



60° Bevel

FLUSH TRIM

FLUSH TRIM
Two Flute


PART #2400



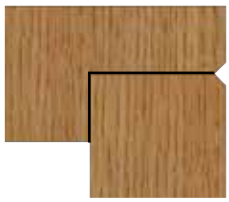

PART #2405

Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
2400	3/8"	1"	2-5/8"	B1
2401	3/8"	1/2"	2-1/8"	B1
2402	1/2"	1"	2-5/8"	B3
2403	1/2"	1/2"	2-1/8"	B3
1/2" SHANK				
2404A	3/8"	1"	3-1/8"	B1
2405	1/2"	1"	3-1/4"	B3
2406	1/2"	1/2"	2-3/4"	B3
2407	1/2"	1-1/2"	3-5/8"	B3
2408	1/2"	2"	4"	B3
2410	3/4"	1-1/4"	3-3/8"	B4
2415	7/8"	1-1/2"	3-1/2"	B21
1/2" SHANK - Double Bearing				
2457	1/2"	1-1/2"	3-7/8"	Two B3
2458	1/2"	2"	4-1/4"	Two B3

FLUSH TRIM V-GROOVE



PART #2426



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
2425	1/2"	1"	2-5/8"	B3
1/2" SHANK				
2426	1/2"	1"	3-1/4"	B3

OVERHANG TRIM BIT


PART #2470



Part #	Overhang	Cutting Dia.	Cutting Length	Bearing Number
1/4" SHANK				
2468	1/16"	3/8"	1/2"	B3
2470	1/8"	3/8"	1/2"	B7

FLUSH TRIM
Three Flute


PART #2502



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
2500	1/2"	1"	2-5/8"	B3
2501	1/2"	1/2"	2-1/8"	B3
1/2" SHANK				
2502	1/2"	1"	3-1/4"	B3
2504	1/2"	1-1/2"	3-5/8"	B3
2505	1/2"	2"	4"	B3
1/2" SHANK - Double Bearing				
2554	1/2"	1-1/2"	3-7/8"	Two B3
2555	1/2"	2"	4-1/4"	Two B3

DOWNSHEAR FLUSH TRIM
Two Flute

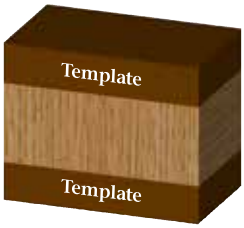

PART #2605



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
2602	1/2"	1"	2-5/8"	B3
2560	3/4"	5/8"	2-1/8"	B4
1/2" SHANK				
2605	1/2"	1"	3-1/4"	B3
2570	3/4"	1"	3"	B4
2575	3/4"	1-1/2"	3-1/2"	B4
2580	3/4"	2"	4"	B4

COMBINATION FLUSH TRIM
With Top and Bottom Bearings


PART #2702



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
2702	1/2"	1"	2-5/8"	B3 & B9
1/2" SHANK				
2710	3/4"	1-1/4"	3-3/8"	B4 & B19
2715	7/8"	1-1/2"	3-1/2"	B13 & B21

TRY OUR SOLID CARBIDE FLUSH TRIM SPIRAL BITS ON PAGE 5

LAMINATE TRIM BITS

Two Flute

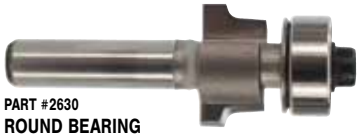
Ball Bearing


PART #2301



Part #	Degree Bevel	Large Dia.	Cutting Length	Bearing Number
1/4" SHANK				
2401	Flush	3/8"	1/2"	B1
2298	7°	9/16"	7/16"	B3
2300A	15°	5/8"	1/4"	B3
2301	25°	1"	9/16"	B3

LAMINATE ROUNDOVER


PART #2630
ROUND BEARING




PART #2631
SQUARE BEARING

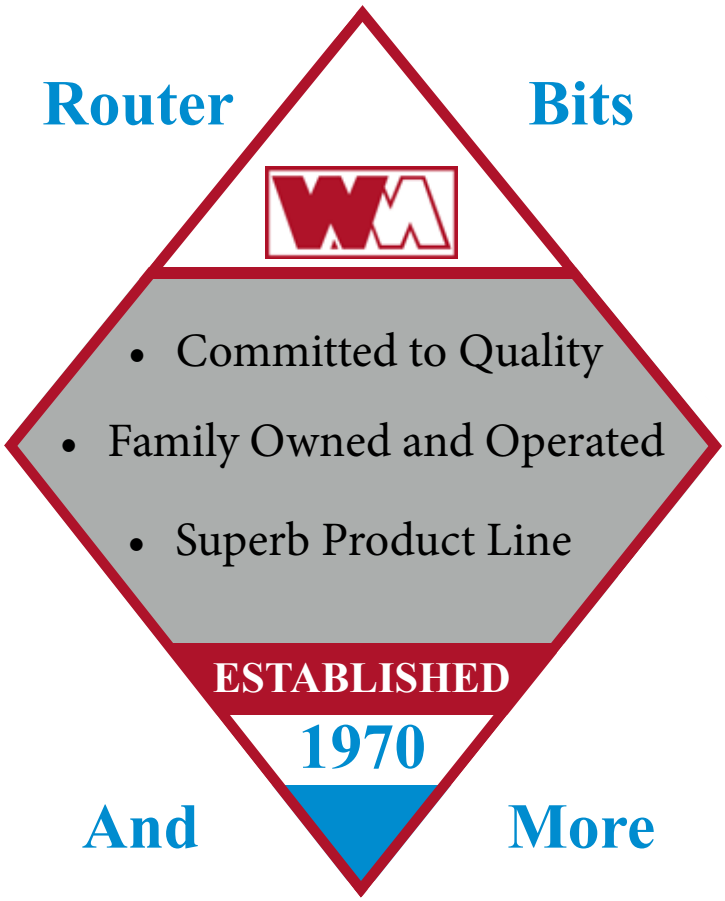
Eliminates Filing

Part #	Shank Dia.	Cutting Dia.	Radius	Cutting Length	Overall Length	Bearing
2630	1/4"	1/2"	1/16"	3/16"	1-5/8"	B3
2631	1/4"	1/2"	1/16"	3/16"	1-5/8"	B3SQ

LAMINATE CUTTING SAW BLADES



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90302721	10"	80	5/8"	0.126"	-5°	Hi-ATB
90302805	12"	96	1"	0.134"	-6°	Hi-ATB
90302905	14"	108	1"	0.134"	-6°	Hi-ATB



LAMINATE FLUSH TRIMMERS - WITH

Euro Square Bearing

Here's a Square Deal! A quality Whiteside Trim Bit with the exclusive Euro Square Bearing. How does it work? The square bearing stops spinning as soon as it touches the workpiece. Then, the side of the square simply slides along the workpiece edge. Compare this to a regular bearing that rolls along the edge - building up more glue and residue with every revolution. Plus, the square is made from a non-stick material, so it wipes clean easily, and it won't mark your workpiece. If you cut laminates, you need to try this bit.


PART # 2640


PART # B3SQ


PART # 2660


PART # B8SQ

Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Type	Bearing Number
1/4" SHANK					
2640	1/2"	1/4"	1-5/8"	Square	B3SQ
2650	3/4"	5/8"	2-1/4"	Square	B8SQ
1/2" SHANK					
2660	3/4"	5/8"	2-1/4"	Square	B8SQ

These bits are designed with a slight taper on the cutting diameter. This allows up or down adjustment to achieve an exact blend - even after resharpening.


PART # B3SQ
PART # B8SQ

Replace the standard 1/2" B3 bearing found on most of our Edge Form bits with the **B3SQ** square bearing if residue build-up on the bearing or marring of the workpiece is a problem.

Recommended for solid surface applications. **B3SQ** is a 1/2" square. **B8SQ** is a 3/4" square. Both are standard 3/16" inside diameter.

ROUNDOVER
With Non-Marring Bearing





Part #	Material Thickness	Radius	Cutting Dia.	Bearing Number
1/2" SHANK				
2006N	1/2"	1/4"	1"	B3S
2009N	1"	1/2"	1-1/2"	B3S
2010N	1-1/2"	3/4"	2"	B3S

Supplied with Non-Marring Nylon Sleeved Bearing (Part #B3S).

ROUNDING UNDER





Part #	Material Thickness	Radius	Cutting Dia.	Bearing Number
1/2" SHANK				
2030	1/2"	1/4"	1-3/8"	B5
2034	1"	1/2"	1-7/8"	B5
2036	1-1/2"	3/4"	2-3/8"	B5

BOWL & SINK PROFILES













Part #	Material Thickness	Degree	Overall Length	Bearing Number
(A) ROUNDING OVER UNDERMOUNT				
1/2" SHANK				
2910	1/2"	10°	3"	BB300 (10° Bearing)
2915	1/2"	15°	3"	BB315 (15° Bearing)
2918	1/2"	18°	3"	BB318 (18° Bearing)
2929	1/2"	18°	3"	BB300 (10° Bearing)
2930	3/4"	18°	3-1/4"	BB300 (10° Bearing)
(B) BEVEL UNDERMOUNT BOWL				
1/2" SHANK				
2944	1/2"-3/4"	12°	3"	BB300 (10° Bearing)
(C) OVERHANG BOWL TRIM				
1/2" SHANK				
2945	1/2"-3/4"	0°	2-7/8"	BB300 (10° Bearing)


PART # BB300

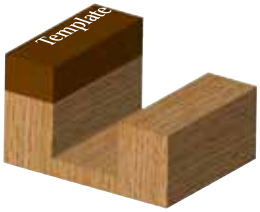

PART # BB315


PART # BB318

TEMPLATE

TEMPLATE BITS
Ball Bearing Guide


PART #3012



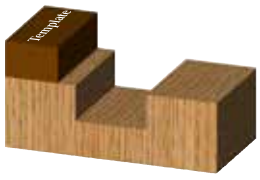
Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Number
1/4" SHANK				
* 3000A	1/2"	1/8"	1-3/4"	B9
* 3000	1/2"	1/4"	1-7/8"	B9
3001	1/2"	1/2"	2"	B9
3002	1/2"	3/4"	2-1/4"	B9
3004	1/2"	1"	2-1/2"	B9
* 3006	5/8"	1/4"	1-3/4"	B6
K41	5/8"	1/2"	2-1/4"	B6
K43	5/8"	3/4"	2-1/2"	B6
3008	5/8"	1"	2-1/2"	B6
* 3010	3/4"	1/4"	1-3/4"	B4
3012	3/4"	3/4"	2-3/8"	B4
3014	3/4"	1"	2-5/8"	B4
3/8" SHANK				
3015	7/8"	1"	2-5/8"	B12
1/2" SHANK				
3016	1-1/8"	1"	3"	B11
3018	1-1/8"	1-1/2"	3-1/2"	B11
3019	1-1/8"	2"	4"	B11
*** 3020	3/4"	1"	2-3/4"	B19 ***
*** 3021	3/4"	1-1/4"	3"	B19 ***
*** 3022	3/4"	1-1/2"	3-1/4"	B19 ***
3022A	7/8"	1-1/2"	3-1/2"	B13
*** 3023	3/4"	2"	3-3/4"	B19 ***

** Dado clean out bits. Use to square the bottom of dado cuts made on a table saw.*

**** Whiteside recommends using bits over 3/4" diameter in 1/2" shank whenever possible due to the fragile nature of the B19 bearing.*

TEMPLATE BITS
With Oversize Bearings


PART #3027



Part #	Cutting Dia.	Cutting Length	Overall Length	Bearing Diameter	Bearing Number
1/4" SHANK					
[1] 3025	5/16"	3/4"	2-3/4"	1/2"	B9
[2] 3027	1/2"	1/4"	1-7/8"	5/8"	B6
[3] 3028	1/2"	1/4"	1-7/8"	3/4"	B4
[1,4] 3032	9/16"	3/4"	2-1/4"	5/8"	B6

[1] For Porter-Cable Morten™, Mortise & Tenon Jig, and Omnijig® templates
[2] Porter-Cable Hinge Butt Mortise Bit
[3] For Hinge-Mate™ II Template
[4] Keller Box Joint Bit

KEYHOLE

KEYHOLE BITS



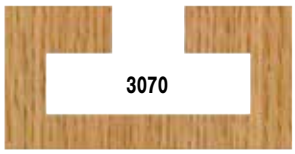
PART #3050



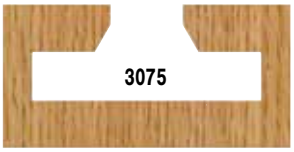
Part #	Large Dia.	Small Dia.	Cutting Length	Overall Length
1/4" SHANK				
3050	3/8"	3/16"	7/16"	1-1/2"
3052	1/2"	5/16"	7/16"	1-1/2"
1/2" SHANK				
3051	3/8"	3/16"	7/16"	2-1/8"
3053	1/2"	5/16"	7/16"	2-1/8"

T-SLOT

T-SLOT CUTTER



ACTUAL SIZE



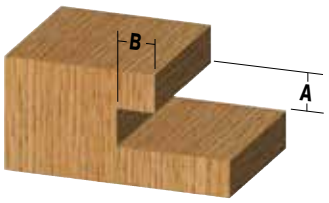


PART #3075

Part #	Large Dia.	Small Dia.	"A" Length	"B" Depth	Overall Length
1/2" SHANK					
3070	1-1/16"	3/8"	5/16"	1/2"	2-3/8"
3075	1-3/16"	3/8"	1/4"	3/8"	2-3/8"

SLOT & UNDERCUT BITS


PART #3110B



Used to cut all types of slots and grooves. Also used to undercut decorative patterns or large letters to give them a bold appearance.

Part #	Large Dia.	"A" Length	"B" Depth	Overall Length
1/4" SHANK				
3094	3/4"	1/8"	1/4"	1-7/8"
* 3094B	3/4"	1/8"	1/8"	1-7/8"
3098	1"	1/4"	3/8"	2"
* 3098B	1"	1/4"	1/4"	2"
3110	1-1/2"	1/4"	5/8"	2"
* 3110B	1-1/2"	1/4"	1/2"	2"
1/2" SHANK				
*[1] 3120B	1-7/8"	5/32"	1/2"	2-1/4"

** B denotes Bearing Guide. #B9 on 1/4" shank. #B13 on 1/2" shank.*
1 Commonly Used on Hardwood Flooring.

EDGE PROFILES

CLASSICAL COVE



ACTUAL SIZE





Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
3164	5/32"	1-1/4"	1/2"	2-1/4"
3166	1/4"	1-3/8"	3/4"	2-1/2"

Bearing Number: B3

WAVY EDGE



ACTUAL SIZE



Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
3172	1/8"	1-1/4"	3/4"	2-1/2"

Bearing Number: B3

RADIUS FLUTE CUTTER

TONGUE AND GROOVE FLOORING BIT









Part #	Radius	Large Dia.	Cutting Length	Depth of Cut	Overall Length
1/4" SHANK					
3184	1/8"	7/8"	1/4"	1/8"	1-3/4"
* 3185	1/8"	1-1/4"	1/4"	5/16"	1-3/4"
1/2" SHANK					
3520	1/8"	1-1/8"	1/4"	1/8"	2-1/4"

** Commonly Used with Tongue and Groove Flooring.*

FULL BEAD







ACTUAL SIZE



Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3190	1/8"	7/8"	5/16"	2-1/8"
3192	3/16"	1"	1/2"	2-3/8"
3194	1/4"	1-1/8"	5/8"	2-1/2"

Bearing Number: One B6 & One B7

MULTI-BEADING





Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3200	1/8"	7/8"	1"	2-1/2"
1/2" SHANK				
3202	1/8"	7/8"	1"	2-3/4"

Bearing Number: B3

DOUBLE ROUND

ACTUAL SIZE









Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3205	5/32"	1-1/8"	1/2"	2"
1/2" SHANK				
3207	5/32"	1-1/8"	1/2"	2-1/4"
3208	7/32"	1-3/8"	5/8"	2-1/2"

Bearing Number: B3

COVE & BEAD

ACTUAL SIZE



3209 & 3211



3210 & 3212



PART #3212

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3209	5/32"	1-1/8"	1/2"	2"
3210	1/4"	1-5/16"	5/8"	2-1/8"
1/2" SHANK				
3211	5/32"	1-1/8"	1/2"	2-1/4"
3212	1/4"	1-5/16"	5/8"	2-3/8"

Bearing Number: B3

CLASSICAL PATTERN

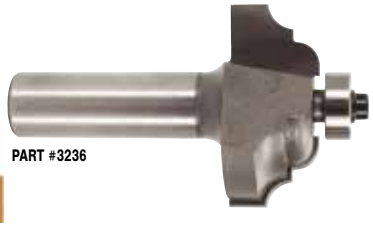
ACTUAL SIZE



3230 & 3232



3234 & 3236



PART #3236

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3230	5/32"	1-1/4"	1/2"	2-1/8"
3234	3/16"	1-1/2"	5/8"	2-1/4"
1/2" SHANK				
3232	5/32"	1-1/4"	1/2"	2-3/8"
3236	3/16"	1-1/2"	5/8"	2-1/2"

Bearing Number: B3

OGEE FILLET



PART #3214

ACTUAL SIZE

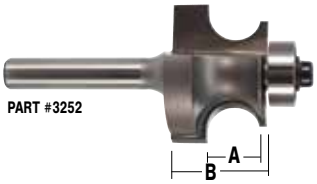


3214 & 3216

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3214	3/16"	1-3/8"	5/8"	2-1/8"
1/2" SHANK				
3216	3/16"	1-3/8"	5/8"	2-1/2"
3218	1/4"	1-5/8"	3/4"	2-5/8"

Bearing Number: B3

EDGE BEADING



PART #3252

ACTUAL SIZE



3252 & 3254



3252 & 3254
TWO PASSES

Part #	Large Dia.	"A" Bead Dia.	"B" Cutting Length	Overall Length
1/4" SHANK				
3240	7/8"	1/8"	9/16"	2"
3244	7/8"	1/4"	9/16"	2"
3248	1"	5/16"	5/8"	2-1/4"
3252	1-1/16"	3/8"	3/4"	2-1/4"
3256	1-1/16"	1/2"	3/4"	2-1/4"
1/2" SHANK				
3242	7/8"	1/8"	9/16"	2-1/4"
3246	7/8"	1/4"	9/16"	2-1/4"
3250	1"	5/16"	5/8"	2-1/4"
3254	1-1/16"	3/8"	3/4"	2-1/2"
3258	1-1/16"	1/2"	3/4"	2-1/2"
3260	1-3/8"	5/8"	1"	2-5/8"
3262	1-1/2"	3/4"	1-1/8"	3"

Bearing Number: B3

OGEE



PART #3220



PART #3226



3220 & 3222

ACTUAL SIZE



3224 & 3226

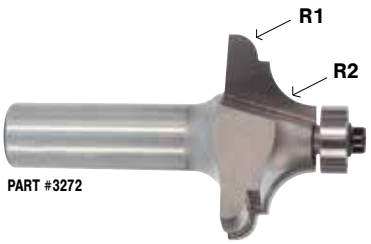


3228

Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3220	5/32"	1-1/8"	1/2"	2"
3224	1/4"	1-1/2"	5/8"	2-1/8"
1/2" SHANK				
3222	5/32"	1-1/8"	1/2"	2-1/4"
3226	1/4"	1-1/2"	5/8"	2-3/8"
3228	9/64" & 5/16"	1-5/8"	5/8"	2-1/2"

Bearing Number: B3

FRENCH TRADITIONAL



PART #3272



3272

Part #	"R1" Radius	"R2" Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK					
3272	3/16"	5/16"	1-1/2"	5/8"	2-1/2"

Bearing Number: B3

TABLE EDGE PROFILES



(A) 3228

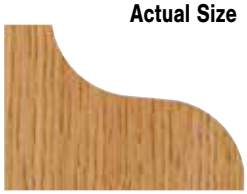


(B) 3292



(C) 3294

Actual Size



(D) 3296



(F) 3300

Table Edge	Part #	Profile Width	Large Dia.	Cutting Length	Overall Length
1/2" SHANK					
(A) Ogee	3228	9/16"	1-5/8"	5/8"	2-1/2"
(B) Small Thumbnail	3292	7/16"	1-3/8"	3/8"	2"
(C) Thumbnail	3294	1"	2-1/2"	3/4"	2-1/2"
(D) Traditional	3296	1"	2-1/2"	3/4"	2-1/2"
(E) Classical Ogee	3298	1"	2-1/2"	3/4"	2-1/2"
(F) French Baroque	3300	7/8"	2-1/4"	3/4"	2-1/2"
(G) Thumbnail & Bead	3302	1"	2-1/2"	3/4"	2-1/2"

Bearing Number: B3

Actual Size



(E) 3298



(G) 3302

HANDRAIL BITS

HANDRAIL BITS

Used to cut the lower portion of the handrail profile.

ACTUAL SIZE



3305



PROFILES ARE SHOWN SMALLER THAN ACTUAL SIZE



APPLICATION:

Here are some examples of the handrail profiles which are possible using the handrail bit above in combination with your choice of the table edge bits listed above.



Part #	Large Dia.	Cutting Length	Bead Dia.	Overall Length
1/2" SHANK				
3305	1-1/4"	2"	1/4"	3-7/8"

Bearing Number: B3

SPECIALTY MOLDING

SPECIALTY MOLDING

For molding, trim, and remodeling projects.

Part #	Large Dia.	Cutting Length	Bead Dia.	Overall Length
1/2" SHANK				
3324	7/8"	1-5/8"	5/16"	3-1/2"
3326	1-1/16"	1-5/8"	1/4"	3-1/2"
3330	1"	1-5/8"	1/4"	3-1/2"

Bearing Number: B3



3324

ACTUAL SIZE



3326



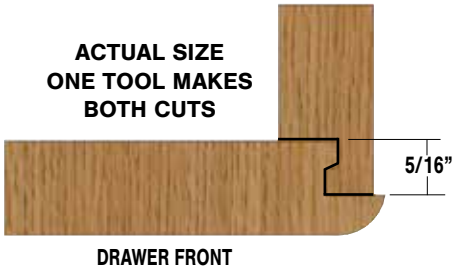
3330



PART #3330

LOCKING DRAWER GLUE JOINTS

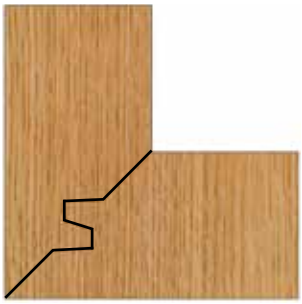




Part #	Large Dia.	Cutting Length	Overall Length
1/4” SHANK			
3346	3/4”	1/2”	1-7/8”
1/2” SHANK			
3347	1”	1/2”	2-1/8”

45° LOCK MITER



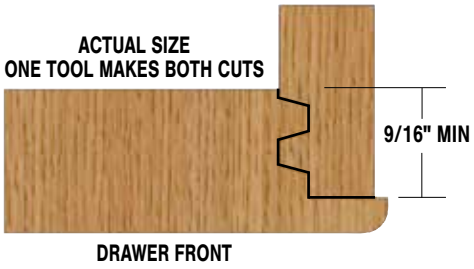


Part #	Material Thickness	Large Dia.	Overall Length
1/2” SHANK			
3360	1/2” - 1-1/4”	3-1/8”	2-7/8”
3362	1/2” - 3/4”	2”	2-3/8”

Note: 3362 is recommended for stock thickness 1/2” - 3/4”

LOCKING DRAWER GLUE JOINTS

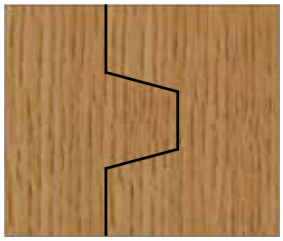




Part #	Large Dia.	Cutting Length	Overall Length
1/2” SHANK			
3352	1”	1”	2-3/8”

WEDGE TONGUE & GROOVE



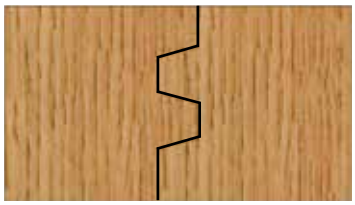


Part #	Shank Dia.	Material Thickness	Large Dia.	Cutting Length	Overall Length
* 3370	1/2”	5/8” - 1-1/4”	1-1/4”	1-1/4”	2-7/8”

** Order 3370 for two piece set.*
** Order 3370A or 3370B for individual cutters.*

STANDARD GLUE JOINT



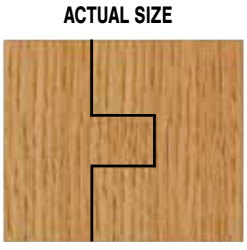


Part #	Shank Dia.	Material Thickness	Large Dia.	Overall Length
3354	1/2”	1/2” - 1-1/4”	1-1/2”	2-3/4”

STRAIGHT TONGUE & GROOVE

Ball Bearing Guide



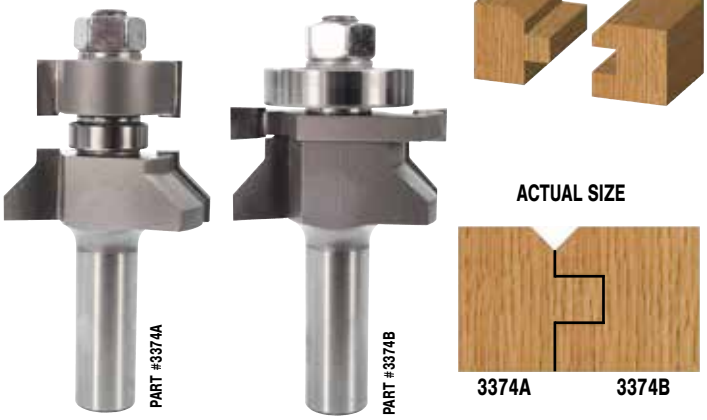


Part #	Shank Dia.	Material Thickness	Large Dia.	Cutting Length	Overall Length
* 3373	1/2”	1/2” - 1-1/4”	1-1/4”	1-1/4”	3-1/8”

** Order 3373 for two piece set*
** Order 3373A or 3373B for individual cutters.*
Bearing Number: B7

VEE PANEL TONGUE & GROOVE

Ball Bearing Guide



Part #	Shank Dia.	Material Thickness	Large Dia.	Cutting Length	Overall Length
3374	1/2"	5/8" - 1" *	1-5/8"	1"	2-3/4"

Order 3374 for two piece set.
Order 3374A or 3374B for individual cutters.
** Material over 1" thick requires a second cut on the tongue profile to waste away excess stock.*

TONGUE & GROOVE ASSEMBLY

ONE TOOL MAKES BOTH CUTS



Part #	Shank Dia.	Material Thickness	Large Dia.	Tongue Width	Bearing Number
3375	1/2"	1/2" - 13/16"	1-5/8"	9/32"	B5

Replacement Parts: *Groover - 6628*
Arbor - A260

APPLICATION:

Cutting the Tongue



Cutting the Groove



MULTI-SIDE BITS

A great way to join up many multi-side projects (planters, columns, barrels, etc.). Very straightforward, this joint requires routing a notch in only one edge of each stave (side). Notching also improves ease of assembly and total glue area. All bits are 1/2" shank and designed for use in a router table with a fence guide.









Part #	Number of Sides	Stock (Maximum)	Large Dia.
1/2" SHANK			
3506	6 or 12	7/8"	1-7/8"
3508	8	7/8"	1-3/4"

APPLICATION:

On six and eight sided objects, the exterior side is cut face up on a router table. Twelve sided objects are cut face down. The same bit (#3506) is used for six sided and twelve sided objects.

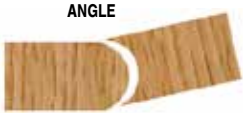
Either Flush or Ribbed (outside corners protruding) construction is possible. Ribbed construction is recommended with 12 sides because the interior leg of the notch will be very small when made flush. Outside corners on ribbed construction can be cut or sanded down for flush appearance if desired.

Location of the inside corner of the notch (i.e.- vertical bit adjustment) is important for final finish appearance. The outside leg of the notch (closest to the exterior) should be the same length as the stock thickness for flush construction. This will put the inside corner of the notch in the center of each stave (side) on six sided flush projects. The inside corner will be below center (farthest from exterior side) on all others. Allow extra stock to experiment and set corner height as desired. Move notch towards exterior side (raise the bit) to increase rib size (amount of outside corner protruding). Move notch away from exterior side (lower the bit) to decrease amount of rib. Note: Bit adjustment is reversed on twelve sides since those parts are cut face down.

CANOE MAKING BITS

Sold individually as a 1/8" Radius Fluting Bit or Beading Bit. When used together to edge 1/4" thick stock, the resulting joint allows each strip to be angled. This allows assembly in a curved configuration for numerous projects such as canoe hulls.



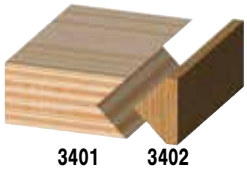




Part #	Style	Shank Dia.	Cutting Dia.	Radius	Overall Length
3520	Flute	1/2"	1-1/8"	1/8"	2-1/4"
3530	Bead	1/2"	1-1/8"	1/8"	2-3/8"

EDGE BANDING SET









Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
3400	1/2"	1-1/2"	+ 3/4"	2-3/4"

Solid wood Edge Banding for plywood. Order 3400 for the two-piece set. Order 3401 or 3402 for individual bits.

CLASSICAL ROUND BOTTOM

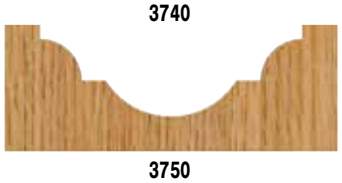
ACTUAL SIZE











Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
3735	3/16"	7/8"	1/2"	2-1/8"
3740	3/16"	1-1/8"	1/2"	2-1/8"
3750	7/32"	1-3/8"	9/16"	2-1/2"

PLUNGE OGEE

ACTUAL SIZE











Part #	Radius	"A" Small Dia.	"B" Large Dia.	"C" Cutting Length	Overall Length
1/4" SHANK					
2051	3/16"	1/4"	5/8"	3/8"	1-3/4"
3602	3/32"	1/8"	1/2"	1/4"	1-3/4"
1/2" SHANK					
3606	3/16"	3/16"	7/8"	1/2"	2"
3608	3/16"	3/8"	1-1/8"	1/2"	2-1/4"

Small Grooving Bits are commonly used for decorative designs in cabinet doors or for detail veining in furniture. Round Nose Bits (pg. 10) and V-Groove Bits (pg. 11) are often used in the same manner. The larger Grooving Bits are great for a raised panel effect in doors and for adding a bold accent to furniture or large work pieces. These bits also make nice edge profiles with the aid of a router table and fence.

CLASSICAL FLAT BOTTOM



ACTUAL SIZE





Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/4" SHANK				
3770	7/64"	3/4"	3/8"	2"
1/2" SHANK				
3780	13/64"	1-3/8"	9/16"	2-1/2"

These bits are ideal for adding bearings to the shank for following templates. Select a bearing from page 34 with the same inside diameter as your shank size. Outside diameter should be the same size or larger than the large diameter of your router bit. Secure bearings with a lock collar. Use Lock Collar #LC-1/4 for 1/4" shanks or #LC-1/2 for 1/2" shanks.



The tooling on this page is designed to give the illusion of raised panel door construction in MDF and solid panel doors. When used individually these bits produce a nice, simple raised panel effect in one pass. Or use one of the "Panel" bits in conjunction with one of the "Stile" bits to create a more authentic raised panel reveal. Many different combinations are possible. See bottom of page.

Although designed for production routing on solid door machines and CNC routers, the addition of a bearing to the shank will allow the hobbyist to cut his pattern by following an edge guide. The guide can be four strips clamped around the perimeter of the door. The top strip may be curved for an arched pattern. Follow the guide and rout both profiles. There's no need to move the guide for the second cut. A larger bearing on the panel bit takes care of the offset. Use Bearing #B16 for the Stile bits and Bearing #B24 for the Panel bits. Secure the bearings to the shank with a #LC-1/2 Lock Collar (see pg. 34). When making the second cut, match the depth setting of the first cut to obtain a pattern with a flat bottom – Or vary the depth to add an extra distinctive "step" in the bottom of your reveal. Complete the door by adding a door edge pattern (see pg. 29) around the outside edge.

"STILE" PROFILE BITS



ACTUAL SIZE



5620



5630



5610



5645

Part #	Style	Large Dia.	Overall Length
1/2" SHANK			
5610	Bead	7/8"	2-1/2"
5620	Traditional	1-1/4"	2-1/2"
5630	Ogee	1-1/4"	2-1/2"
5645	Straight	1-1/4"	2-1/2"

"PANEL" PROFILE BITS



ACTUAL SIZE



5710



5720



5725

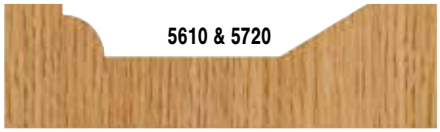
Part #	Style	Large Dia.	Overall Length
1/2" SHANK			
5710	Cove	1-1/2"	2-1/2"
5720	Straight	1-1/2"	2-1/2"
5725	Ogee	1-1/2"	2-1/2"

"STILE" & "PANEL" COMBINATION PROFILES



5610 & 5710

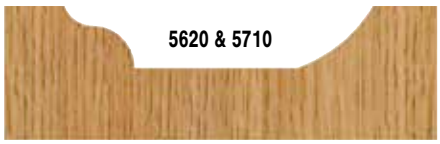
OPTIONAL - 2057 & 97-320 FOR UNIQUE MACHINE



5610 & 5720



5610 & 5725



5620 & 5710



5620 & 5720



5620 & 5725



5630 & 5710



5630 & 5720



5630 & 5725



5645 & 5710



5645 & 5720



5645 & 5725

SMALL RAISED PANEL OR RAISED PANEL BACK CUTTER



This bit offers a safe and economical way to make that optional backside cut on raised panels. It is suitable for use with any of our Stile & Rail bits on page 27. This bit can also be used as a shallow raised panel bit for smaller projects.

Part #	Shank Dia.	Large Dia.	Cutting Length	Overall Length
5850	1/2"	1-3/4"	1/2"	2-1/4"

SHAKER STYLE RAISED PANEL

15° Pattern

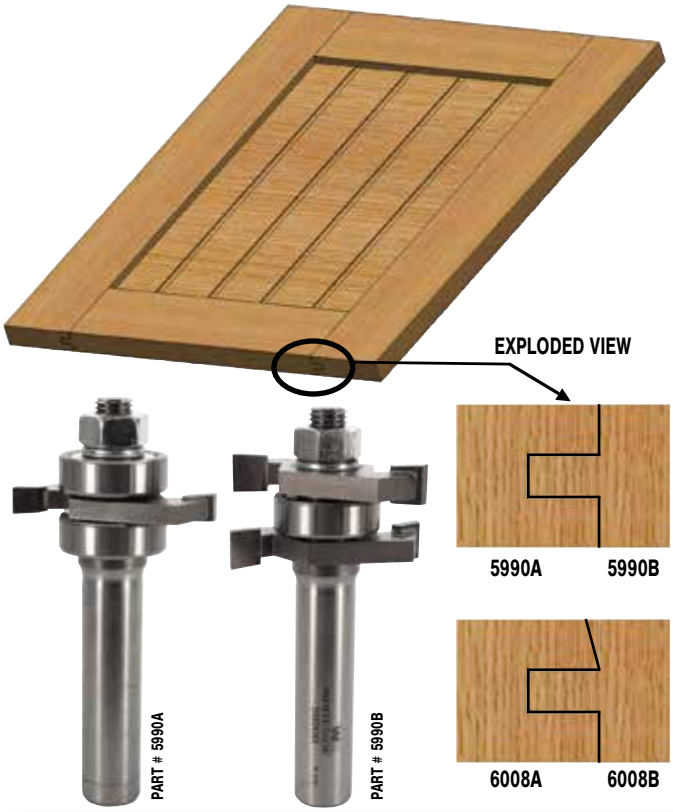
This set comes with three bearings (B3, B7, B8) to change the length of the tongue. Hex key included.



Part #	Shank Dia.	Cutting Dia.	Cutting Length	Overall Length
5980	1/2"	2"	9/16"	2-3/8"

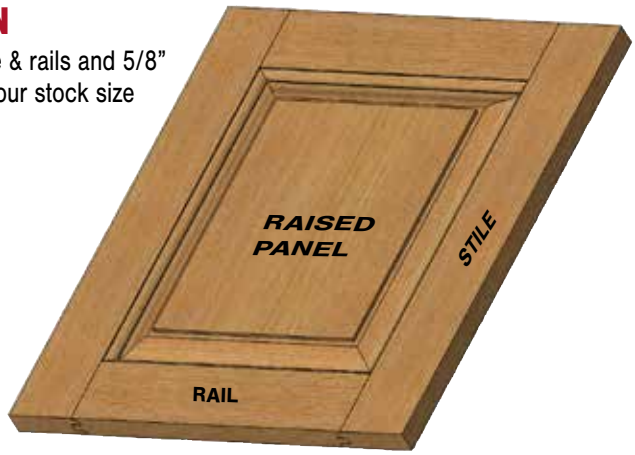
SHAKER STILE & RAIL

These sets are for cabinet door construction with either Undersized Plywood or actual 1/4" thick Panels. Tongue and Groove is 3/8" deep.



Part #	Pattern	Cutting Length	Large Dia.	Panel Size (Tongue Thickness)
1/2" SHANK				
5990	Shaker	13/16"	1-5/8"	Undersized (7/32" or 5.5mm)
5992	Shaker	13/16"	1-5/8"	Actual 1/4"
6008	15° Shaker	1"	1-5/8"	Undersized (7/32" or 5.5mm)
6009	15° Shaker	1"	1-5/8"	Actual 1/4"

APPLICATION: RAISED PANEL DOOR CONSTRUCTION

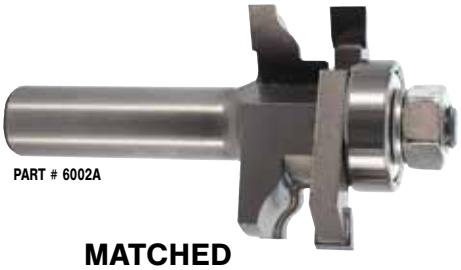


Choose stock size as appropriate for your project. For example, 3/4" x 2" stile & rails and 5/8" thick panels (without optional back cut) are common for cabinet doors. Use your stock size and door size to calculate the following:

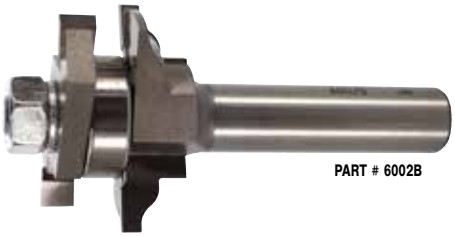
Stile length = Door height
Rail length = Door width - width of both stiles + Interlock
Panel height = Door height - width of both rails + Interlock - Expansion
Panel width = Rail length - Expansion
Interlock = 3/4" (3/8" per side) on Whiteside full size Stile & Rail bits

Expansion: Generally 1/8" on cabinet doors. Can vary with door size, green condition of wood, anticipated exposure to high humidity, and species of wood. The Stile bit cuts the entire length of the inside edge on both the stiles and the rails. The Rail bit is used to make the matching cross grain end cuts on the rails only. The Raised Panel bit cuts all four sides of each raised panel face down on the router table. Set Raised Panel bit height for proper tongue thickness. Tongue should be 1/4" for the full size Stile & Rail bits. Allow extra stock if you plan to use the optional back cutter. Use the Standard Glue Joint (page 22) or biscuits for added strength when gluing up larger panels. Cut all components and test fit. Then glue up and reassemble. Glue only the stile and rail joints. The panel should be allowed to "float" to allow for expansion and contraction. You may choose to use anti-rattle snakes to prevent the panel from rattling. Make your own by running a 1/8" bead of 100% silicone caulk on wax paper. Allow to dry. Cut into pieces about 3/4" long. Insert in each groove at every corner while assembling. Check the door for squareness immediately after gluing up. It may also be helpful to pre-stain the raised panel because part of the concealed portion of the tongue may become visible later due to contraction. Complete the door by adding a door edge pattern (page 29) around the outside edge.

FULL SIZE STILE & RAIL


PART # 6002A

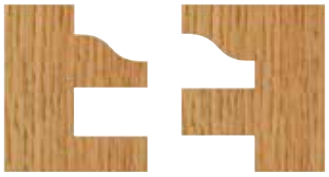


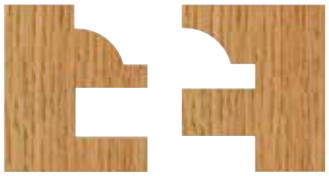

PART # 6002B

MATCHED SETS

Stile Rail


6001 - Round


6002 - Ogee


6003 - Bead

Make full size Stile and Rail joints on your router table. The interlocking design plus the raised panel groove are both cut in one pass. Ball bearing guides control the cutting depth and also allow use on rounded, arched, or special shaped doors. With these two piece sets, simply switch router bits to change from cutting stiles to cutting rails. Features a 1/4" tall x 3/8" long tongue. Ideal for stock from 5/8" to 7/8" thick.

Part #	Pattern	Reveal Width	Cutting Length	Large Dia.
1/2" SHANK				
6001	Round	1/4"	1"	1-5/8"
6002	Ogee	3/8"	7/8"	1-5/8"
6003	Bead	3/8"	7/8"	1-5/8"
6004	Straight	3/8"	7/8"	1-5/8"
6005	Traditional	3/8"	7/8"	1-5/8"
6006	Classical	3/8"	7/8"	1-5/8"

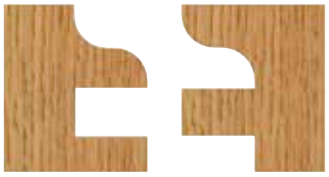
For Individual Bits: *Add A to Part Number for Stile Cutter.*
Add B to Part Number for Rail Cutter.
Example: 6001A - Round Stile Cutter

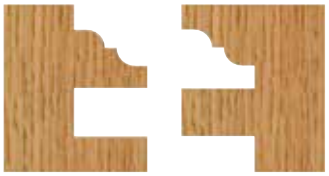
Replacement Parts: *Groover - 6625*
Bearing - B5

MATCHED SETS

Stile Rail


6004 - Straight


6005 - Traditional


6006 - Classical

PLYWOOD PANEL STILE & RAIL CONVERSION KIT

This conversion kit is for cabinet door construction with undersized 1/4" plywood panels (Actual panel thickness of 7/32" or 5.5 mm). Whiteside's conversion kit #**6000X** converts the regular full size Stile and Rail bits to the narrower groove required for these plywood panels. This kit gives you the flexibility to do either plywood panels or raised panels. Plus, it can be used on any Whiteside full size Stile and Rail bits that you may already own.

Our most popular Stile and Rail sets are also available ready to use just for plywood panel construction. Order Part Number **6001X** for round pattern or Part Number **6002X** for ogee pattern. 1/2" shank only.

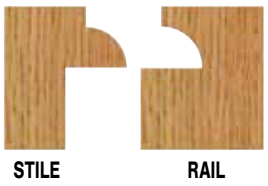

6001X Shown

APPLICATION: STILE & RAIL GLASS DOOR CONSTRUCTION

Make the Stile & Rail cuts for glass doors using Whiteside's full size Stile & Rail (above). No extra components are required. All that's needed is to stagger the cutting edges and "stack" both groovers on the Stile bit. Use both bearings (no groover) on the Rail bit. See photo. Now make your cuts just like in normal door construction.

Cut the inside edges of all four pieces with the Stile bit. Trim the ends of the Rails with the Rail bit. Assemble door and insert glass pane. Use clips or corner trim mold on the back side to hold the pane in place.



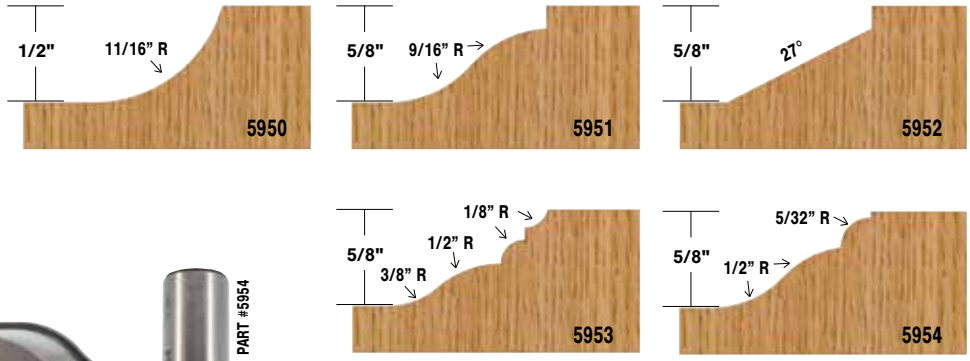




MEDIUM RAISED PANEL BITS

Ball Bearing Guide

These bits cut a 1" wide pattern and are often used for general edge profiles in addition to raised panels. They can be used with any of the full size Stile and Rail bits shown on page 27.



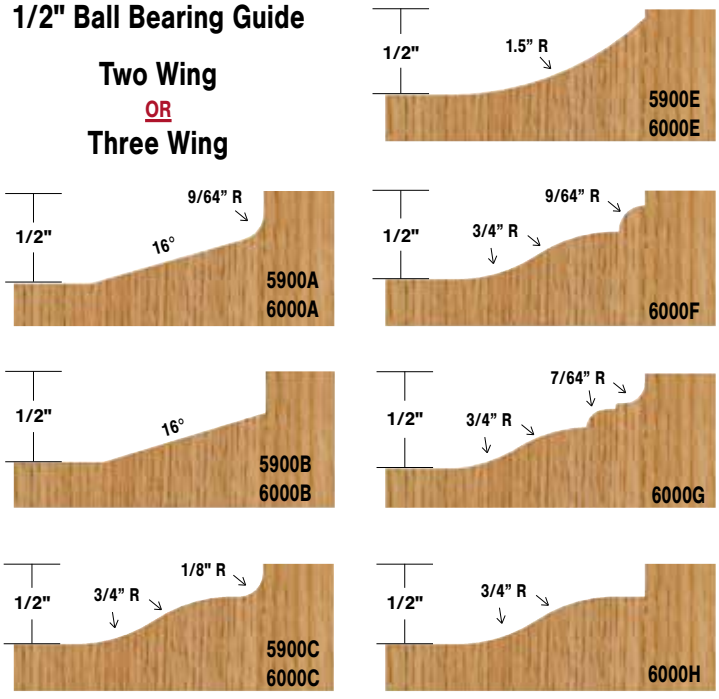


Part #	Pattern	Cutting Length	Large Dia.
1/2" SHANK			
5950	Cove	1/2"	2-1/2"
5951	Ogee	5/8"	2-1/2"
5952	Angle	5/8"	2-1/2"
5953	Classical	5/8"	2-1/2"
5954	Ogee Bead	5/8"	2-1/2"

LARGE RAISED PANEL BITS

1/2" Ball Bearing Guide

Two Wing
OR
Three Wing



PART #5900B
2 WING



PART #6000E
3 WING



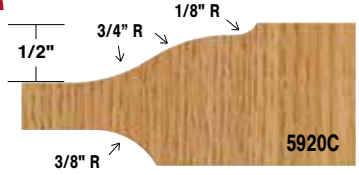
Part #	Large Dia.	# of Wings
1/2" SHANK - 2 Wing		
5900A	3-1/4"	2
5900B	3-1/4"	2
5900C	3-1/4"	2
5900E	3-1/4"	2

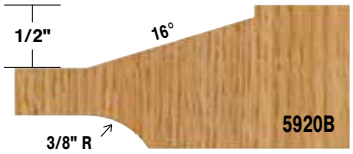
Part #	Large Dia.	# of Wings
1/2" SHANK - 3 Wing		
6000A	3-3/8"	3
6000B	3-3/8"	3
6000C	3-3/8"	3
6000E	3-3/8"	3
6000F	3-3/8"	3
6000G	3-3/8"	3
6000H	3-3/8"	3

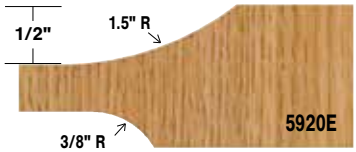
LARGE RAISED PANEL BITS with BACK CUTTER

2 Wing (2+2) - Ball Bearing Guide

This Panel Bit with Back Cutter allows you to cut the Front Reveal and the optional Back Cut at the same time, guaranteeing a 1/4" tongue in the process.







Part #	Large Dia.
1/2" SHANK	
5920B	3-1/4"
5920C	3-1/4"
5920E	3-1/4"



DOOR EDGE

DOOR EDGE BITS
Complete Edge

ACTUAL SIZE


6015


6016


PART #6015


PART #6016

Part #	Large Dia.	Cutting Length	Overall Length	Style
1/2" SHANK				
6015	1-1/2"	7/8"	2-1/2"	Finger Pull
6016	1-5/8"	15/16"	2-5/8"	Reversible

DOOR EDGE BITS
Front Face Edge

These bits cut a decorative profile along the front face of the door edge while leaving most of the edge straight. Their shallow design works well with concealed European style cup hinges. Many of our other edge profile bits (pg 19-20) also make great door edges. (Deeper profiles may not be compatible with European style cup hinges).

ACTUAL SIZE


3290 & 3292


6020


6021


6022


6023


PART #3290


PART #6020

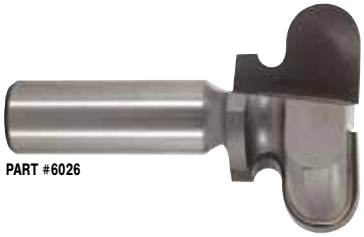
Part #	Large Dia.	Cutting Length	Overall Length
1/4" SHANK			
3290	1-3/8"	3/8"	1-7/8"
1/2" SHANK			
3292	1-3/8"	3/8"	2"
6020	1-9/16"	3/8"	2-1/4"
6021	1-3/4"	3/8"	2-1/4"
6022	1-3/4"	3/8"	2-1/4"
6023	1-3/4"	3/8"	2-1/4"

DRAWER EDGE

DRAWER PULL - EUROPEAN STYLE


PART #6024


6024


PART #6026

ACTUAL SIZE


6026

Part #	Large Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
6024	3/16"	3/4"	7/8"	2-3/8"
6026	1/4"	1-1/2"	13/16"	2-3/8"

DRAWER EDGE FINGER PULL

Produces a nice smooth finger grip primarily used on the bottom edge of drawer fronts. Also used as a finger pull on cabinet doors where no edge pattern is needed on the front face.


PART #6032

ACTUAL SIZE


6032



Part #	Shank Dia.	Large Dia.	Cutting Length	Overall Length
6032	1/2"	1-1/4"	3/4"	2-1/2"

Bearing Number: B3

WINDOW SILL EDGE/FINGER PULL

Originally designed to cut the front edge of window sills, this bit has also become popular for making a rounded finger edge on both drawers and door edges. Use with a router fence or add a shank mounted bearing for following a straight edge or template.


PART #6045


PART #6046

ACTUAL SIZE


6045


6046

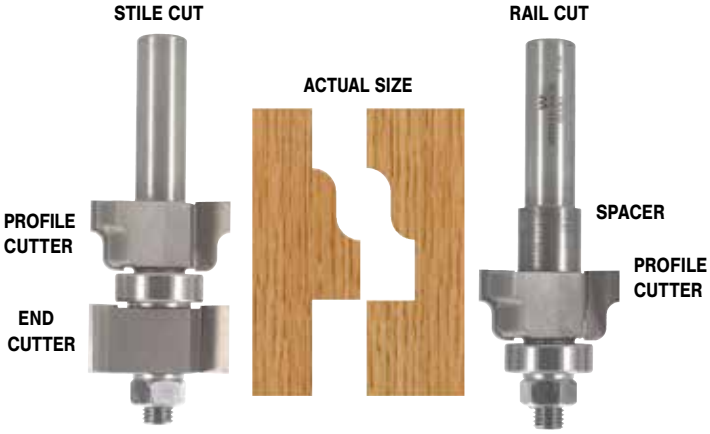
Part #	Radius	Large Dia.	Cutting Length	Overall Length
1/2" SHANK				
6045	7/32"	1-1/4"	13/16"	2-7/8"
6046	3/8"	1-7/16"	1-1/8"	3-3/8"

Use bearing (B16 for #6045, B18 for #6046) and Lock Collar (LC-1/2) on shank for template work.

WINDOW SASH

WINDOW SASH

This is the only bit you need to make a complete window sash. The bearing guide controls the pattern depth and also allows you to make arched or curved windows and glass doors.

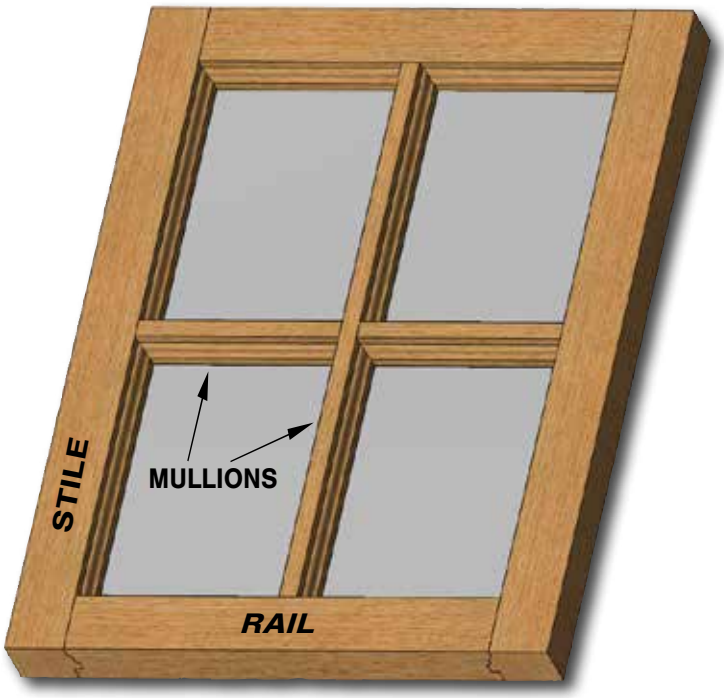


Part #	Cutting Dia.	Cutting Length	Overall Length
1/2" SHANK			
6050	1-3/8"	7/8" - 1-5/8"	3-5/8"

Replacement Parts:
Arbor: A380
Bearing Number: B5
Profile Cutter: 6050H
Straight Cutter: 6050G
Spacer: 6050SP

APPLICATION:

This assembly with the straight end cutter cuts the inside edges on both the stiles and rails. Convert the assembly to make the mating end cut by exchanging the straight cutter for the spacer (see drawing above). The spacer can be installed between the profile cutter and the shank if additional reach across the work piece is needed. Now make the mating end cuts on the rails. This bit can also be used to cut both the decorative edges and the mating end cuts required to make your own window mullions (crosspieces).



SLOTTING CUTTERS

SLOTTING CUTTERS

1-7/8" Cutting Diameter - 5/16" Bore

Part # 3-Wing	Part # 4-Wing	Decimal Kerf	Fractional Kerf
6700A	6700B	.062	1/16"
6701A		.070	
6701C		.078	5/64"
6702A		.080	
6703A	6703B	.094	3/32"
6704A		.100	
6704C		.110	7/64"
6705A	6705B	.125	1/8"
6708A		.156	5/32"
6709A		.187	3/16"
6709C		.218	7/32"
6710A	6710B	.250	1/4"
6712A		.281	9/32"
6715A		.312	5/16"



PART #6705A



PART #6705B

Special sizes available upon request.

SLOTTING CUTTER ARBORS

Includes B5 Bearing for 1/2" Depth of Cut

Part #	Shank Dia.	Overall Length
A200B	1/4"	2-3/8"
A205B	3/8"	2-3/8"
A210B	1/2"	2-5/8"
A220B	1/2"	4"

Note - A220B has an extra long shank for extended reach.
All include B5 Bearing for 1/2" depth of cut.
- *Use B20 Bearing for 9/16" depth of cut.*
- *Use B25 Bearing for 3/8" depth of cut.*
- *Use B26 Bearing for 1/4" depth of cut.*
- *Use B27 Bearing for 5/8" depth of cut.*


PART #A200B

DRAWER SLOT CUTTERS

DRAWER SLOT CUTTERS

(Jemco Machines)

Part #	Cutting Dia.	Bore	Kerf	# of Flutes
6800	1-1/4"	3/8"-24thd	3/16"	4
6801	1-1/4"	3/8"-24thd	3/16"	6
6805	1-1/4"	3/8"-24thd	1/4"	6


PART #6800

DRAWER SLOT CUTTER ARBORS

Part #	Shank Dia.	Overall Length	Thread
6890	1/4"	2"	3/8"-24
6891	3/8"	2"	3/8"-24
6892	1/2"	2"	3/8"-24
6896	3/8"	3-1/4"	3/8"-24


PART #6892

DOVETAIL BITS

DOVETAIL BITS Premium Dovetail Joints

Incra and Leigh sets available on page 32.


PART # D7-531


PART # D8-437


PART # D9-376

Part #	Shank Dia.	Large Dia.	Cut Depth	Overall Length	Cross Reference
7° ANGLE					
D7-530	1/4"	17/32"	3/4"	2-1/4"	
D7-531	1/2"	17/32"	3/4"	2-1/2"	P•C #43776PC
D7-625	1/2"	5/8"	7/8"	2-5/8"	Incra®
D7-750	1/2"	3/4"	7/8"	2-5/8"	Incra®
* D7-875	1/2"	7/8"	7/8"	2-1/2"	Stair Tread
7-1/2° ANGLE					
SC D75-25	1/4"	1/4"	5/16"	2-1/2"	Incra®/OmniJig® 43639
8° ANGLE					
SC D8-250	1/4"	1/4"	1/4"	2-1/2"	Leigh® #50
SC D8-250X8	8mm	1/4"	1/4"	2-1/2"	Leigh® #50-8mm shank
D8-375	1/4"	3/8"	1/2"	2-3/8"	Leigh® #70
D8-375X8	8mm	3/8"	1/2"	2-3/8"	Leigh® #70-8mm shank
D8-437	1/4"	7/16"	5/8"	2-3/8"	Leigh® #75
D8-437X8	8mm	7/16"	5/8"	2-3/8"	Leigh® #75-8mm shank
D8-500	1/4"	1/2"	13/16"	2-3/4"	Leigh® #80
D8-500X8	8mm	1/2"	13/16"	2-3/4"	Leigh® #80-8mm shank
D8-687	1/2"	11/16"	1"	3"	Leigh® #90
D8-812	1/2"	13/16"	1-1/4"	3-1/4"	Leigh® #100


PART # D10-50


PART # D14-51


PART # D18-50

Part #	Shank Dia.	Large Dia.	Cut Depth	Overall Length	Cross Reference
9° ANGLE					
D9-372	1/4"	3/8"	3/8"	2"	Incra®
* D9-375	1/2"	3/8"	3/8"	2"	
* D9-376	1/2"	3/8"	3/8"	2-1/2"	Incra®
10° ANGLE					
D10-315	1/2"	5/16"	5/16"	2-1/2"	Incra®
D10-50	1/4"	1/2"	5/8"	2-1/2"	Incra®/Leigh® #101
D10-50X8	8mm	1/2"	5/8"	2-1/2"	Leigh® #101-8mm shank
D10-55	1/2"	1/2"	5/8"	2-5/8"	Incra®
14° ANGLE					
D14-375	1/4"	3/8"	3/8"	2"	
D14-50	1/4"	1/2"	1/2"	2"	Incra®/OmniJig® 43705
D14-51	1/4"	1/2"	1/2"	2-3/8"	Leigh® #120
D14-51X8	8mm	1/2"	1/2"	2-1/2"	Leigh® #120-8mm shank
D14-55	1/2"	1/2"	1/2"	2-1/2"	Incra®/OmniJig® 43750
D14-531	1/4"	17/32"	1/2"	2"	Incra®
D14-75	1/2"	3/4"	3/4"	3"	OmniJig® 43774
D14-100	1/2"	1"	7/8"	2-1/2"	
18° ANGLE					
D18-50	1/4"	1/2"	3/8"	2-1/4"	Leigh® #128
D18-50X8	8mm	1/2"	3/8"	2-1/2"	Leigh® #128-8mm shank

** Also stocked in Left Hand. Add LH to part number.*
SC Solid Carbide
All bits designated Incra® are also compatible with the JoinTech™ system.

STRAIGHT BITS

Used With Dovetail Jigs


PART #1020


PART #1067

Part #	Shank Dia.	Large Dia.	Cut Depth	Overall Length	Cross Reference
STRAIGHT BITS					
1020	1/4"	5/16"	1"	2-3/4"	Leigh® #140
1020X8	8mm	5/16"	1"	2-3/4"	Leigh® #140-8mm shank
1064A	1/2"	13/32"	1"	2-1/2"	P•C #43743PC
1065L	1/2"	7/16"	1-1/4"	3-1/4"	Leigh® #150
1067	1/2"	1/2"	1-1/4"	2-7/8"	Leigh® #160

KELLER DOVETAIL BITS

Whiteside Machine Company offers precision router bits to match Keller's unique dovetailing system. All tools listed below are supplied with the required ball bearings.


PART #K35

Part #	Keller Number	Shank Dia.	Large Dia.	Cutting Length	Overall Length
7° ANGLE DOVETAIL					
K31	1631	1/4"	11/32"	3/8"	2-1/4"
K33	1633	1/4"	7/16"	3/4"	2-5/8"
K35	2435	3/8"	5/8"	1"	2-5/8"
STRAIGHT BITS					
K41	1641	1/4"	5/8"	1/2"	2-1/4"
K43	1643/2443	1/4"	5/8"	3/4"	2-1/2"
3015	2445	3/8"	7/8"	1"	2-5/8"
* 3032	1642	1/4"	9/16"	3/4"	2-1/4"

** Box Joint Bit*

DOVETAIL SETS

INCRA® DOVETAIL SETS



PART # D101



PART #605

Top quality Dovetailing sets for use with the popular Incra System. Choose the #D101 set (1/4" shank) for the smaller Dovetails (1/4", 3/8", 1/2", 17/32"). Take the #605 set (1/2" shank) for the heavier 3/8", 1/2", 5/8", & 3/4" Dovetail bits. Both sets also include the 1/4" and 3/8" Box Joint bits.

Part #	Description
D101	6 Piece Incra Set - 1/4" shank
605	6 Piece Incra Set - 1/2" shank

All bits available individually. See previous page.

LEIGH® DOVETAIL SETS



PART # D108



PART # D116

Upgrade to Whiteside Quality bits for your Leigh Jig. The smaller bits are supplied in the recommended 8mm shanks (1/2" Adapter Collet is included). The largest sizes come in 1/2" shanks. Improved performance guaranteed.

Part #	Description
D108	7 Piece Leigh set. Includes D8-437x8, D8-687, D14-51x8, D18-50x8, 1020x8,1067, and 6400x8 Adapter Collet.
D116	6 Piece Leigh set for #D1600 16" Jig. All bits 8mm-shank. 6400x8 Adapter Collet to 1/2" is included. Complete with the following bits: 1020x8, D8-375x8, D8-500x8, D14-51x8, D18-50x8.

All bits available individually. See previous page.

SPOILBOARD SURFACING

SURFACING AND FLATTENING

An economical, carbide tipped version to resurface your spoilboard or flatten slabs. Compatible with smaller CNC machines.



PART #6220



PART #6210

Part #	Shank Dia.	Cut Dia.	Cutting Length	# of Wings
6210	1/4"	1"	1/4"	3
6220	1/2"	2"	1/2"	4

LARGE CNC SPOILBOARD SURFACING

With Replaceable Carbide Inserts

Part #	Shank Dia.	Large Dia.	# of Wings
Straight Cut			
SB25-2	1/2"	2-1/2"	2
SB40-3	3/4"	4"	3
Up Shear Cut			
SBU25-2	1/2"	2-1/2"	2
SBU40-3	3/4"	4"	3



PART #SB25-2

CARBIDE INSERTS

INDEXABLE - 4 CUTTING EDGES

Part #	Description	Size
SB-Insert	10 Pc. Insert Pack	14mm X 14mm X 2 mm
SB Screw	Replacement Insert Screw	M5x7
SB Wrench	Insert Wrench	T-15 Torx

COLLETS

STEEL ROUTER COLLETS

Reducer Bushings

Part #	I.D.	O.D.	Overall Length
STRAIGHT CUT			
6390	1/8"	1/2"	1-1/4"
6395	3/16"	1/2"	1-1/4"
6400	1/4"	1/2"	1-1/4"
6400X6	6mm	1/2"	1-1/4"
6400X8	8mm	1/2"	1-1/4"
6400X10	10mm	1/2"	1-1/4"
6401	5/16"	1/2"	1-1/4"
6402	3/8"	1/2"	1-1/4"
6403	1/4"	3/4"	1-1/4"
6404	5/16"	3/4"	1-1/4"
6405	3/8"	3/4"	1-1/4"
6406	1/2"	3/4"	1-1/4"



PART #6400

SOLID BRASS INLAY KITS



Whiteside's Brass Inlay Kits allow you to make perfect fitting inlays for decoration or repairs. Simply cut your template from 1/4" thick material and trace it with your router to cut both the cavity in your workpiece and the matching inlay to be inserted. Instructions are included. Our kit includes a special centering pin to insure exact alignment with router spindle. Each kit includes a Solid Carbide Down-Cut Spiral router bit. For use in a base plate with a 1-3/8" diameter hole x 1-3/16" counterbore.

Part #	Cutting Dia.	Bit Part #	Inside Corner Radius	Description
9500	1/8"	RD1600	1/16"	Standard Inlay Kit
9501	1/4"	RD2075	1/8"	Large Inlay Kit

9510 - BASE PLATE REDUCERS - SOLID BRASS



These solid brass inserts fit into your router base plate to reduce the gap around the router bit. Not only is this safer, but it also reduces tear-out and helps support smaller work pieces. Supplied in a set with openings of 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", and 1", plus a retaining nut. Openings are slightly oversize for tool clearance. Fits any router with a standard 1-3/16" diameter recessed hole for template guides.

BRASS TEMPLATE GUIDE BUSHINGS

Machined guide bushings allow precise centering of the bit inside of jigs and templates. Supplied with bushing and line up pin.

Part #	ID	OD
9540-38N	9/32"	3/8"
9540-44N	11/32"	7/16"
9540-62N	17/32"	5/8"



9600 - SQUARE CORNER CHISEL



Use this tool to square up the round corners left behind when routing hinge mortises. Hold unit in mortise corner and strike with hammer. Our chisel features a sharp 3/8" square hardened steel cutting blade. Manufactured by Whiteside Machine Company.

9750 - EXTENSION ADAPTER

For CNC Carving Machines



Used for light routing and veining on CNC carving machines. Allows deeper reach. Adapter is 1/2" shank. Accepts 1/4" shank bits only. Order Part #**9750**.

BRASS SET-UP GAUGE BLOCKS



Our Square Gauge Blocks are a quick way to make many easy, accurate set-ups. A great way to make exact depth movements on plunge routers. On table routers, they're perfect for setting distances from the fence to the cutter, or for checking the bit height above the table. Supplied in 1/8", 3/16", 1/4", 3/8", and 1/2" squares. Blocks can be "stacked" to cover a wider range of sizes. A very helpful tool!

Part #	Description
9800	5 pc. Set - 2-1/2" Long
9810	5 pc. Set - 4" Long

ARBORS



Part #	Shank Dia.	Arbor Dia.	Arbor Length	Overall Length
A200	1/4"	5/16"	7/8"	2-3/8"
A205	3/8"	5/16"	7/8"	2-1/2"
A210	1/2"	5/16"	7/8"	2-5/8"
A220	1/2"	5/16"	7/8"	4"
A250	1/4"	5/16"	1-3/16"	2-3/4"
A260	1/2"	5/16"	1-3/16"	3-5/16"
A300	1/4"	5/16"	1-7/16"	3"
A310	1/2"	5/16"	1-7/16"	3-3/16"
A375	1/2"	5/16"	1-3/4"	3-3/8"



Arbors include nut and washer.

FLAT WASHERS - 10 pc. Pack

Part #	Outside Dia.	Inside Dia.	Thickness
31250W	1/2"	5/16"	1/16"



W300 - SHIM WASHER KIT

Use these shim washers to fine adjust the spacing on any arbor or assembly with a 5/16" diameter arbor (Slot Cutters, Stile & Rail, Window Sash, Tongue & Groove). Washers are 5/16" I.D. x 1/2" O.D. Includes three each of the following thicknesses: 0.004, 0.006, 0.008, 0.010, 0.012.



BALL BEARINGS - Import



Part #	Outside Dia.	Inside Dia.	Application
B1A	1/4”	1/8”	
B1	3/8”	1/8”	
B2	3/8”	3/16”	
B3	1/2”	3/16”	Standard
B3 BLK	1/2”	3/16”	100 pcs. Bulk
B3S	1/2”	3/16”	Non-Mar Nylon Sleeve
B3SQ	1/2”	3/16”	Euro-Square (pg. 16)
B3U	.490”	3/16”	for Resharpening (Undersize)
B4	3/4”	1/4”	
B5	7/8”	5/16”	
B6	5/8”	1/4”	
B7	5/8”	3/16”	
B8	3/4”	3/16”	
B8SQ	3/4”	3/16”	Euro-Square (pg. 16)
B9	1/2”	1/4”	
B9U	.490”	1/4”	for Resharpening (Undersize)
B11	1-1/8”	1/2”	
B12	7/8”	3/8”	
B13	7/8”	1/2”	
B14	11/16”	3/16”	
B15	13/16”	3/16”	
B16	1-1/4”	1/2”	
B17	1-3/8”	1/2”	
B18	1-1/2”	1/2”	
B19	3/4”	1/2”	
B20	3/4”	5/16”	
B21	7/8”	1/4”	
B24	1-7/8”	1/2”	
B25	1-1/8”	5/16”	
B26	1-3/8”	5/16”	
B27	5/8”	5/16”	
B28	7/8”	3/16”	
B29	1”	3/16”	
B33	9/16”	3/16”	
BB300	7/8” X 10°	3/16”	Non-Mar Nylon Sleeve
BB315	7/8” X 15°	3/16”	Non-Mar Nylon Sleeve
BB318	7/8” X 18°	3/16”	Non-Mar Nylon Sleeve



ACCESSORY KITS



BB501 - 5 Piece Bearing Conversion Kit

Use this kit to vary the horizontal cutting depth of router bits with bearing pilots. Great for stepping in to finish depth by controlled increments.

Contains B2 (3/8” x 3/16”), B3 (1/2” x 3/16”), B7 (5/8” x 3/16”), B8 (3/4” x 3/16”) Bearings and 3/32” Hex Key Wrench.

BB600 - General Bearing Repair Kit

This handy kit includes spare bearings, screws, and wrench to replace bearings on most bits.

Includes five B3 (1/2” x 3/16”) and two B2 (3/8” x 3/16”) bearings, ten 54025S Screws, and a 3/32” Hex Key Wrench.

BB701 - Accessory Kit

Great for replacement bearings and screws - Plus this generous bearing assortment allows you to vary your cutting depths and change your profiles. Also contains lock collars and bearings for adding bearing guides to the shanks of your standard bits for following templates.

Contains: 12 bearings – four B3 (1/2” x 3/16”), one each of B2 (3/8” x 3/16”), B7 (5/8” x 3/16”), B8 (3/4” x 3/16”), B9 (1/2” x 1/4”), B6 (5/8” x 1/4”), B4 (3/4” x 1/4”), B5 (7/8” x 5/16”) and B11 (1-1/8” x 1/2”); two each 1/4” lock collars (LC-1/4) and 1/2” lock collars (LC-1/2); one each 1/16”, 5/64”, 3/32” and 5/32” Hex Key wrenches; plus ten 54025S bearing screws.

BEARING LOCK COLLARS

Retaining Collars used when bearings are added to the shanks of router bits for following templates.

Part #	Shank Dia.	Outside Dia.
LC-1/4	1/4”	7/16”
LC-1/2	1/2”	11/16”



Uses part #HK-1/16 Hex Key Wrench
#LCS-Replacement Set Screw for Standard Lock Collars

SPARE PARTS

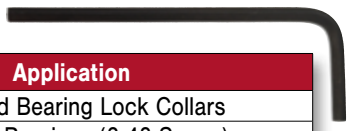
SOCKET HEAD CAP SCREWS - 10 pc. Pack

Part #	Thread Size	Thread Length	Hex Key
34825S	3-48	1/4”	5/64”
54025S	5-40	1/4”	3/32”
103238S	10-32	3/8”	5/32”



Add BLK to part number for 100 pcs.

HEX KEY WRENCHES



Part #	Size	Application
HK-1/16	1/16”	Standard Bearing Lock Collars
HK-5/64	5/64”	1/8” I.D. Bearings (3-48 Screw)
HK-3/32	3/32”	3/16” I.D. Bearings (5-40 Screw - Most Common)
HK-5/32	5/32”	1/4” I.D. Bearings (10-32 Screw)
HK-1/8	1/8”	Hole Saws / Quick Change Shanks

HEX NUTS - 10 pc. Pack

Part #	Thread Size	Width	Hex Size
1032N	10-32	1/4”	3/8”
31224N	5/16”-24	1/4”	1/2”



REPLACEMENT PARTS BY TOOL NUMBER

Replacement Bearing sizes are listed in the catalog with each tool. Most tools with bearing pilots require only the 54025S Screw. Exceptions:

Part #	Type	Fits Part Number
34825S	Screw	2400, 2401, 2404A
103238S	Screw	2014-2016, 2410, 2415, 2560, 2570, 2575, 2580, 2715, UDC9112, UDFT9112, UDC9138,UDC9163,UDC9213, UDFT9138, UDFT9163, UDFT9213
1032N	Nut	RFT5125, RFTD5125, RFT5200. RFTD5200, UDFT5152, UDFT5200

SIMPLI-SWITCH

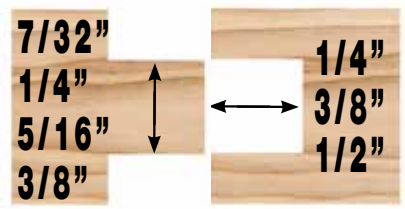
TONGUE AND GROOVE SYSTEM

SET #360



FOUR CUTTERS

CUTTERS CONTROL THE TONGUE THICKNESSES OF 7/32", 1/4", 5/16", AND 3/8".





THREE BEARINGS

BEARINGS CONTROL THE TONGUE DEPTHS OF 1/4", 3/8", AND 1/2".

TWELVE COMBINATIONS

TOOL SPECS: Carbide-tipped tongue and groove system with four interchangeable cutters and three ball bearings. Manufactured with a 1/2" shank and supplied in a protective storage case.

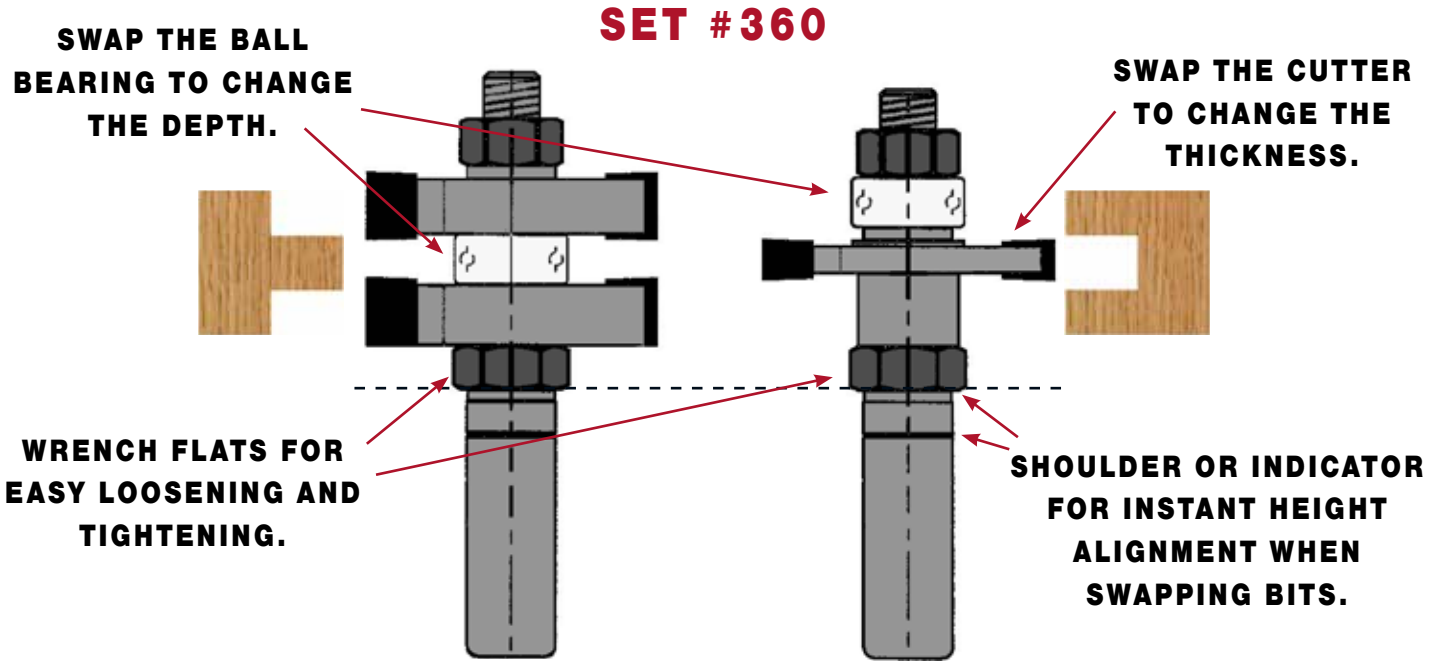
SIZE COMBINATIONS: Create twelve tongue-and-groove sizes with one set. Cutters produce tongue thicknesses of 7/32", 1/4", 5/16", and 3/8", while bearings allow tongue depths of 1/4", 3/8", and 1/2".

THE ORIGINAL SIMPLI-SWITCH: Adjust tongue-and-groove sizes by simply changing one cutter and one spacer. No shims, no stacking- just a quick, reliable setup for all twelve combinations.

EASY ALIGNMENT: Precision machining ensures instant height alignment. Seat the collet face against the hex for repeatability or use the alignment mark when extra reach is needed.

WRENCH FLATS: Wrench flats at the top of the shank allow quick, secure loosening and tightening when used with the top nut.

SET #360



ROUTER BIT SETS

Durable Plastic Cases!



Keep Your Tools Safe and Organized.

ROUNDOVER & BEADING SETS

SET 501 - 1/2" SHANK



Roundovers are by far the most used edge forming bits in woodworking. This set offers the most common radii (R1/4", R3/8", R1/2") in 1/2" shanks, plus a hefty 3/4" radius workhorse. Extra bearings and wrench are included to convert each bit from Rounding over to Beading - i.e., Roundover with a decorative step.

SET 502 - 1/4" SHANK



Easily round off all your square edges with lightweight 1/4" capacity Hand Routers. Keep the whole range of sizes (R1/8", R3/16", R1/4", R3/8", R1/2") neatly organized and right at your fingertips. As with the 1/2" shank set, this kit comes fully equipped to extend its usage by converting to Beading - i.e., Roundover with a decorative step.

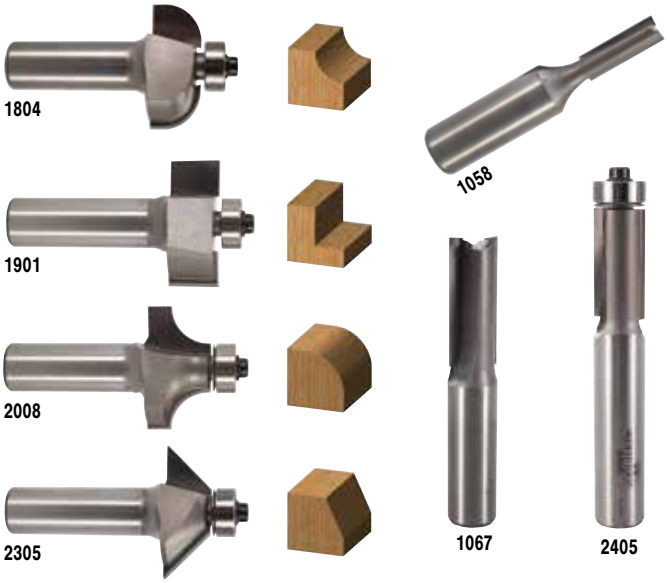
BASIC 7 PC. BIT SET

These sets are made up of the most popular woodworking bits.

Includes:

- R3/8" Cove
- 3/8" x 1/2" Rabbet
- R3/8" Roundover
- 45° Chamfer
- 1/4" Straight
- 1/2" Straight
- 1/2" Flush Trim

SET 401 1/2" SHANK	SET 402 1/4" SHANK
1804	1801
1901	1900
2008	2003
2305	2302
1058	1013
1067	1026
2405	2402



STRAIGHT & HALF ROUND COMBO

SET 600 - 1/2" SHANK



A nice collection of Straight Bits and Half Rounds grouped together in one protective case. This set includes:

- 3/8 Straight
- 1/2 Straight
- 5/8 Straight
- 3/4 Straight
- 3/8 Half Round
- 1/2 Half Round
- 5/8 Half Round
- 3/4 Half Round

This handy group covers the full assortment of bits needed for the INCRA® HingeCrafter. Whiteside Industrial Quality.

COMPACT ROUTER BIT SET — SET 404

A convenient starter set made up of four popular router bits all in a 1/4" shank. Works well in compact routers or laminate trimmers. The set includes a Template Bit, 45° Chamfer Bit, 1/8" Roundover Bit, and Flush Trim Bit. This selection is designed to be compatible with the smaller base plate holes found in compact routers.



1/4” SHANK
Two Flute

Includes:

- 2402 - Flush Trim Bit
- 2000C - 1/8" Roundover Bit
- 3004 - Template Bit
- 2292 - 45° Chamfer Bit





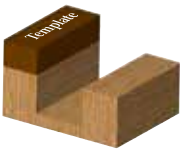












PLYWOOD DADO SET — SET 470

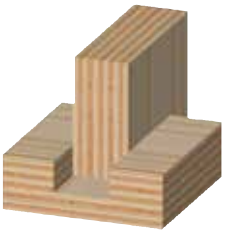
1/2” SHANK - Two Flute

These router bits are sized to exactly match today's nominal plywood thicknesses. Consists of a 7/32” bit for 1/4” Plywood, a 31/64” bit for 1/2” Plywood, and a 23/32” bit for 3/4” Plywood.


PART #SC218


PART #1065A


PART #1083A



Includes:

- SC218 - Solid Carbide Straight Bit
- 1065A - Carbide Tipped Straight Bit
- 1083A - Carbide Tipped Straight Bit



TEN ESSENTIAL ROUTER BIT SET

The woodworking hobbyist needs a variety of quality bits. Whiteside’s Set 410 is essential to kickstart your router projects. All bits are 1/2” shank except the 1/4” straight bit. This set contains:

1014 - 1/4” Straight
1069 - 1/2” Straight
1954 - 1/2” Rabbeting
2305 - 45 Degree Chamfer
2006 - 1/4” Radius Roundover
1804 - 3/8” Radius Cove
2407 - 1/2” x 1-1/2” Flush Trim
RU4900 - 3/8” Solid Carbide Spiral Upcut
6710A - 1/4” 3-Wing Slot Cutter
A210B - Slot Cutter Arbor
D10-55 - 1/2” 10 Degree Dovetail
B3, B7, & B8 Bearings, and a 3/32” Hex Key

SET 410



CNC SETS

BALL NOSE SET #703



1/4" Shank Sets
Perfect for 2D and 3D Carving

#703 The Ball Nose Set contains three 1/4" shank bits consisting of two Ball Nose Spirals and one Conical Ball Nose Spiral. Great for most CNC profiling.

#705 The Starter Set is a great asset for small CNC owners who are just learning how to use their machine. Even experienced CNC machinists will appreciate the selection of bits in this set. This group contains five 1/4" bits including two Conical Ball Nose Spirals, an Up Cut Spiral, and two V-Groove bits.

#706 The Lettering Set contains six bits including a Pointed Roundover, Plunge Roundover, 60° V-Groove, a Cove Nose Spiral, and two sizes of Round Nose Bits. Create a wide variety of letters, signs, and decorative artwork with these bits.

STARTER SET #705



LETTERING SET #706



Part #	Pcs	Description
703	3	Ball Nose Set - SC66, RU1800RN, RU2075RN
705	5	Starter Set - SC64, SC66, RU2075, 1502, 1550
706	6	Lettering Set - 1403, 1404, 1550, 1572, 2051, RU2075CN
708	8	Engraving Set - SC54, SC55, SC70, SC71, SC75, SC76, 1541, 1500
709	9	General Purpose Set - RU1600, RU2100, RD1600, RD2100, RU1800RN, RU2075RN, SC64, 1502, 1550
714	14	The Works by Whiteside - 1502, 1550, 1568, 6210, RU2100, UD2102, RU1800RN, RU2075RN, RU1601A, RU2074A, SC50, SC54, SC64, SC70

ENGRAVING SET #708



#708 The Engraving Set contains eight 1/4" Engraving bits with an included angle ranging from 15° to 90°. All types of projects will appear visually stunning with the many engraving options that exist from this one kit.

GENERAL PURPOSE SET #709



#709 The General Purpose CNC Set is a nine piece kit designed to give woodworkers a full selection of bits for cutting natural and composite woods along with hard plastics and thin aluminum. This set features our two most popular V-Grooves, two Ball Nose Spirals, two Up-Cut Spirals, two Down Cut Spirals, and our four-flute Tapered Ball Nose Spiral. The selection of tools allows for a wide variety of projects including cut out work, mortising, sign making, engraving, 3D carving, and more.

THE WORKS #714



#714 The Works by Whiteside is a deluxe selection of CNC focused tools offering a complete solution for cutting natural woods, composite woods, plastics, and aluminum. This set contains 14 router bits ranging from Standard Spirals, Ball Nose Spirals, and Compression Spirals to O-Flutes for plastics and aluminum, Engraving Bits for lettering and fine detail work, plus our popular #6210 Surfacing Bit.

WHITESIDE MACHINE. FAMILY OWNED AND OPERATED. SINCE 1970. TOP QUALITY. EXCELLENT VALUE. UNMATCHED RELIABILITY.

Whiteside is proud to offer Industrial Quality Blades for the U.S. market. These blades meet our standards for quality and dependability. No frills. No hassles. No sales gimmicks. We are simply offering solid product that delivers an exceptional price-to-performance ratio as part of the quality, value, and reliability that you would expect from Whiteside.

SAW BLADES

STANDARD RIPPING AND GLUE LINE RIPPING BLADES

These blades are designed for aggressive cutting with the grain in solid woods. They are ideal for power or hand feeding and are also compatible with single and gang rip saws. The Standard Rip Saw has a traditional Flat Top Grind and is the best choice when high feed rates are the primary concern. The TCG grind and the higher tooth count on the Glue Line Blades produce extremely smooth, true edges for gluing and finish work without planing.

STANDARD RIPPING



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90120021	10"	24	5/8"	0.126"	20°	FLAT
90100505	12"	24	1"	0.134"	20°	FLAT

GLUE LINE RIPPING



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90121411	10”	30	5/8”	0.126”	22°	TCG
90121505	12”	40	1”	0.157”	22°	TCG
90122305	14”	36	1”	0.170”	20°	TCG

COMBINATION BLADES

The standard multi-purpose blade for a wide range of materials, including softwood, hardwood, plywood, and particle board. The large gullet at the raker tooth, along with the 15° hook angle, provides easy feeding for ripping style cuts, while the close grouping of the other four ATB teeth produces a lighter chip load for crosscutting and finish work. These blades offer a great combination of versatility and efficiency.



COMBINATION BLADES

Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90800101	8"	40	5/8"	0.126"	15°	COMB
90800401	10"	50	5/8"	0.134"	15°	COMB
90800505	12"	60	1"	0.134"	15°	COMB
90800605	14"	70	1"	0.150"	15°	COMB

GENERAL PURPOSE BLADES

General Purpose Saw Blades can be used for ripping, crosscutting, trimming, and sizing. The moderate hook angle provides a good balance between feed and surface quality along with extended blade life. The ATB grind is an excellent choice for cabinet shops, as it performs well in materials such as hardwood, softwood, plywood, and chipboard. The TCG grind excels in composition board, MDF, HDF, and plastic laminates.

ATB



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90104001	8"	48	5/8”	0.118"	10°	ATB
90102601	10"	40	5/8"	0.126"	15°	ATB
*90120061	10"	40	5/8"	0.126"	18°	Hi-ATB
90104101	10"	60	5/8"	0.126"	10°	ATB
90104205	12"	60	1"	0.126"	10°	ATB

** For natural woods and veneers with relatively high feeds.*

TCG



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90104701	8"	48	5/8”	0.118"	10°	TCG
90104801	10"	60	5/8"	0.126"	10°	TCG
90104855	12"	60	1”	0.126"	10°	TCG
90104955	14"	72	1"	0.137"	10°	TCG

TRIM CUT BLADES

Trim Cut Blades are designed with a finer tooth configuration for finish work. The positive hook angle provides effortless feeding, and the high tooth count produces clean, chip-free cutting. The ATB grind produces a superb finish even when crosscutting hardwoods, softwoods, plywood, and wood veneers. The TCG grind is ideal for finish cuts in MDF, HDF, OSB, laminated covered products, and works well with single or double-sided melamine.

ATB



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90105701	10"	80	5/8"	0.126"	5°	ATB
90105805	12"	100	1"	0.126"	15°	ATB
90105905	14"	100	1"	0.150"	10°	ATB

TCG



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90106101	10"	80	5/8"	0.126"	10°	TCG
90106205	12"	96	1"	0.126"	10°	TCG
90106305	14"	108	1"	0.137"	10°	TCG

SLIDING COMPOUND AND RADIAL ARM SAW BLADES

SLIDING COMPOUND & RADIAL ARM

Manufactured with -5° hook to prevent grabbing, these blades offer outstanding performance on compound, radial and slide compound miter saws. The combination tooth design with 80 teeth provides flawless, ultra-smooth cuts in hardwoods, softwoods, moldings, and picture frames. Excellent for cut off work.



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
95006611	10"	80	5/8"	0.118"	-5°	COMB
95006635	12"	80	1"	0.122"	-5°	COMB

LAMINATE AND PLASTIC BLADES

LAMINATE CUTTING

The High ATB grind and negative hook on these blades produce extremely clean, chip-free cuts on both single and double-sided melamine and laminated materials. The negative hook geometry allows an excellent quality cut without grabbing.



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90302721	10"	80	5/8"	0.126"	-5°	Hi-ATB
90302805	12"	96	1"	0.134"	-6°	Hi-ATB
90302905	14"	108	1"	0.134"	-6°	Hi-ATB

PLASTIC & SOLID SURFACE

The special tooth grind on these blades is compatible for cutting Plexiglass®, solid surface, acrylics, polycarbonates, ABS, and PVC. This tooth grind, along with the fine-tooth configuration, produces a superior finish in many plastics.



Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
90107031	10"	80	5/8"	0.098"	-2°	U-PLASTIC
90141755	12"	84	1"	0.126"	0°	U-PLASTIC

ULTRA FINE CUT DADO SET

Whiteside's Ultra Fine Cut Dado Set features nearly twice the number of teeth than standard dado sets. The outside blades each contain 44 teeth with negative hook along with unique laser cut slots to reduce vibration. Effortless chip free, flat bottom dados will be achieved in hardwood, softwood, and veneer plywoods. The set comes equipped with five chippers (four 1/8" and one 1/16" thick) and a color-coded shim set for micro width adjustments.



DADO SETS

Part #	Dia.	Teeth	Bore	Kerf	Hook	Grind
8443DADO	8"	44	5/8"	1/4"-13/16"	-6°	ATB/F

ADJUSTABLE SCORING SET



This scoring set eliminates the need for spacers, measuring, reassembling, testing, or adjusting that comes with traditional scoring blades. Simply loosen the locking screw and turn the dial to easily change the blade width from 2.8mm to 3.6mm. Bushings are included so that this set is compatible with 20mm, 22mm, or 3/4" shafts.

ADJUSTABLE SCORING SET

Part #	Dia.	Teeth	Kerf	Hook	Bore	Grind
95620314	120mm	2x12	2.8-3.6mm	12°	*22mm, 20mm, 3/4"	ATB

** 22mm Bore includes bushings to obtain 20mm and 3/4" Bore.*

WHITESIDE BRAD POINT DRILL BITS


PART #BPD250

Solid Carbide


PART #BPD250

Part #	Hole Dia.	Flute Length	Max Depth	Overall Length
ROUND 1/4" SHANK				
BPD156	5/32”	3/4"	1"	2-1/2”
BPD188	3/16”	3/4"	1"	2-1/2”
BPD197	5mm	3/4"	1"	2-1/2”
BPD250	1/4"	3/4”	1"	2-1/2”

*** Only for drilling - not routing.*

FACE FRAME COUNTERBORES

Carbide Tipped


PART #FF301

Part #	Counterbore Dia.	Pilot Dia.	Length	Type
FF301	3/8”	0.136”	4”	Standard
FF301SP	3/8”	0.136”	4”	Spiral Flute
FF303	Replacement 0.136” Pilot Fishtail Drill Bit (HSS)			
FF304	Replacement Set Screw - Uses 5/64” Hex Key			

Standard Type fits Unique, Norfield, Evans, Ritter, and Marcon face frame boring machines.
Long Version is for use on drill press.

WHITESIDE HINGE BORING BIT Carbide Tipped

This Hinge Boring bit features a centering point and two carbide spurs to eliminate tear-out. This 35mm cutting diameter bit is designed specifically for European style cabinet door hinges. Manufactured by Whiteside Machine Company.




PART #6140

Part #	Shank Dia.	Cutting Dia.	Overall Length
6140	3/8”	35mm	2-3/8”

*** Use only in drill press or boring machine. NOT for use in routers.*

HINGE BORING BITS Carbide Tipped

10 mm Shank with Flat- Import

Part # 57mm OAL	Part # 70mm OAL	Shank Dia.	Cutting Dia.
DH15-57 (LH)	DH15-70 (LH)	10mm	15mm
DH20-57 (LH)	DH20-70 (LH)	10mm	20mm
DH25-57 (LH)	DH25-70 (LH)	10mm	25mm
DH30-57 (LH)	DH30-70 (LH)	10mm	30mm
DH35-57 (LH)	DH35-70 (LH)	10mm	35mm

RH and LH rotation. Include LH suffix for left hand rotation. Supplied with flat on shank.

DOWEL DRILLS Carbide Tipped & Solid Carbide

10 mm Shank - Import


PART #DB7-70

BRAD POINT (RH + LH)

Cutting Dia.	Shank Dia.	Part # 57mm OAL	Part # 70mm OAL
INCH SIZES			
3/16”	10mm	DB187-57 (LH)	DB187-70 (LH)
7/32”	10mm	DB218-57 (LH)	DB218-70 (LH)
1/4”	10mm	DB250-57 (LH)	DB250-70 (LH)
3/8”	10mm		DB375-70 (LH)
7/16”	10mm		DB437-70 (LH)
1/2”	10mm		DB500-70 (LH)
METRIC SIZES			
SC 3mm	10mm	DB3-57 (LH) (SC)	DB3-70 (LH) (SC)
4mm	10mm	DB4-57 (LH) (SC)	DB4-70 (LH) (SC)
5mm	10mm	DB5-57 (LH) (SC)	DB5-70 (LH) (SC)
6mm	10mm	DB6-57 (LH) (SC)	DB6-70 (LH) (SC)
7mm	10mm	DB7-57 (LH)	DB7-70 (LH)
8mm	10mm	DB8-57 (LH) (SC)	DB8-70 (LH) (SC)
9mm	10mm	DB9-57 (LH)	DB9-70 (LH)
10mm	10mm	DB10-57 (LH)	DB10-70 (LH)
11mm	10mm	DB11-57 (LH)	DB11-70 (LH)
12mm	10mm	DB12-57 (LH)	DB12-70 (LH)
13mm	10mm	DB13-57 (LH)	DB13-70 (LH)
14mm	10mm	DB14-57 (LH)	DB14-70 (LH)
15mm	10mm	DB15-57 (LH)	DB15-70 (LH)
16mm	10mm	DB16-57 (LH)	DB16-70 (LH)

RH and LH rotation. Include LH suffix for left hand rotation. Supplied with flat on shank. Include SC suffix for optional Solid Carbide as available.
SC 3 mm available in Solid Carbide only.

THRU HOLE V-POINT (RH + LH)

10 mm Shank- Import


PART #DB6-57LH

Cutting Dia.	Shank Dia.	Part # 57mm OAL	Part # 70mm OAL
INCH SIZES			
3/16”	10mm		DT187-70 (LH)
7/32”	10mm		DT218-70 (LH)
1/4”	10mm	DT250-57 (LH)	DT250-70 (LH)
3/8”	10mm		DT375-70 (LH)
7/16”	10mm		DT437-70 (LH)
1/2”	10mm		DT500-70 (LH)
METRIC SIZES			
SC 3mm	10mm	DT3-57 (LH) (SC)	DT3-70 (LH) (SC)
4mm	10mm	DT4-57 (LH) (SC)	DT4-70 (LH) (SC)
5mm	10mm	DT5-57 (LH) (SC)	DT5-70 (LH) (SC)
6mm	10mm	DT6-57 (LH) (SC)	DT6-70 (LH) (SC)
7mm	10mm	DT7-57 (LH)	DT7-70 (LH)
8mm	10mm	DT8-57 (LH) (SC)	DT8-70 (LH) (SC)
9mm	10mm	DT9-57 (LH)	DT9-70 (LH)
10mm	10mm	DT10-57 (LH)	DT10-70 (LH)
11mm	10mm	DT11-57 (LH)	DT11-70 (LH)
12mm	10mm	DT12-57 (LH)	DT12-70 (LH)
13mm	10mm	DT13-57 (LH)	DT13-70 (LH)
14mm	10mm	DT14-57 (LH)	
15mm	10mm		DT15-70 (LH)

RH and LH rotation. Include LH suffix for left hand rotation. Supplied with flat on shank. Include SC suffix for optional Solid Carbide as available.
SC 3 mm available in Solid Carbide only.

Four Flute Adjustable COUNTERSINKS

Whiteside's 82° Countersink Heads are designed to slip over the drill bit and affix with dual set screws into the flutes. Adjust the drilling length by sliding the head up or down the bit. Use to countersink holes in wood, plastic, or aluminum for flat head screws. Upgrade to the High Speed Steel series for longer life, especially in fiberglass or other abrasive materials. Matching drill bits are offered below for your convenience.



PART #8060014



PART #8070014

Standard Carbon Steel

OR

Premium High Speed Steel

CS Part #	HSS Part #	Screw Size	Drill Size	C'Sink Dia.	Large Dia.
8060004	8070004	#4	7/64"	3/8"	1/2"
8060005	8070005	#5	1/8"	3/8"	1/2"
8060006	8070006	#6	9/64"	3/8"	1/2"
8060007	8070007	#7	5/32"	3/8"	1/2"
8060008	8070008	#8	11/64"	3/8"	1/2"
8060009	8070009	#9	3/16"	3/8"	1/2"
8060010	8070010	#10	13/64"	1/2"	5/8"
8060012	8070012	#12	7/32"	1/2"	5/8"
8060014	8070014	#14	1/4"	1/2"	5/8"

Countersink Set



SET 8067774

WITH MATCHING TAPER DRILL BITS

Includes:

- 8060006 (#6 Screw)
- 8060008 (#8 Screw)
- 8060010 (#10 Screw)
- 8060014 (#14 Screw)

DRILLS For Countersinks

These drill bits are the appropriate size for the Whiteside Adjustable Countersinks. Choose standard Jobber Drills for best economy. The optional Taper Point Drills are ideal for better control on entry and exit. The Taper Point resists the rapid pull-in tendency of gelcoat and other hard, thin materials. They also break through less abruptly, which helps reduce blowout on exit.

Jobber Drills

Part #	Dia.	Decimal	Screw Size
8061094	7/64"	0.1094"	#4
8061255	1/8"	0.1250"	#5
8061416	9/64"	0.1406"	#6
8061567	5/32"	0.1562"	#7
8061728	11/64"	0.1719"	#8
8061879	3/16"	0.1875"	#9
8062010	13/64"	0.2031"	#10
8062212	7/32"	0.2188"	#12
8062514	1/4"	0.2500"	#14



PART #8061567 PART #8062514

Taper Point Drills

Part #	Dia.	Decimal	Screw Size
8071416	9/64"	0.1406"	#6
8071728	11/64"	0.1719"	#8
8072010	13/64"	0.2031"	#10
8072514	1/4"	0.2500"	#14



PART #8071416 PART #8072514



PART #8110012

Self-Centering VIX BITS

Accurately center and drill holes for hinges, striker plates, door butts, window pulls, and other hardware requiring screws. Drills equally well in metals, plastics, wood, and other materials.

VIX Bits

Part #	Size	Description
3/8" SHANK		
8110012	11/64"	#12 Wood Screw
8110014	13/64"	#14 Wood Screw
8110051	5 mm	5 mm Shelf Pin - 3/8" Pilot
8110025	1/4"	1/4" Shelf Pin - 3/8" Pilot



PART #8111712

Replacement Drill Bits

Part #	Size	Description
8111712	11/64"	Replacement Bit
8112014	13/64"	Replacement Bit
8115051	5 mm	Replacement Bit
8112525	1/4"	Replacement Bit

WOOD DRILLS

6” OAL / Carbide Tipped / 1/2” Shank

Bores clean accurate holes in wood, plastic laminates, Formica®, and Masonite®. Carbide tipped for long life even in abrasive materials. The outside spurs outline the hole and help prevent fraying, chipping, and blowout. The replaceable 1/8” diameter high speed steel center point starts the hole and prevents the bit from walking. Replace the center point with a 1/8” drill bit if desired. Can be re-sharpened or re-tipped.


PART #8121125

Part #	Size	Shank Dia.	Overall Length
8120687	11/16”	1/2”	6”
8120750	3/4”	1/2”	6”
8120812	13/16”	1/2”	6”
8120875	7/8”	1/2”	6”
8121000	1”	1/2”	6”
8121125	1-1/8”	1/2”	6”
8121250	1-1/4”	1/2”	6”
8121375	1-3/8”	1/2”	6”

Part #	Size	Shank Dia.	Overall Length
8121500	1-1/2”	1/2”	6”
8121625	1-5/8”	1/2”	6”
8121750	1-3/4”	1/2”	6”
8121875	1-7/8”	1/2”	6”
8122000	2”	* 1/2”	6”
8122125	2-1/8”	* 1/2”	6”
8122250	2-1/4”	* 1/2”	6”
8122500	2-1/2”	* 1/2”	6”

*** Sizes 2” and larger have 1/2” shank with a 3/4” diameter reinforced step. (See Photo at Right)**


PART #8122000

Notes:

- **Replaceable Center Point is Part # 8070125**
- **Optional 1/8” Machine Drill Center Point is Part # 8061240**

STANDARD COMPOSITE DRILLS

3-7/8” OAL / Carbide Tipped / Quick Change Shank

These 3-Wing Carbide Tipped Drills are designed for extended life in fiberglass and other composites. The 7/16” hex shank provides a no-slip grip when used with a standard three jaw chuck. This shank design also makes switching to a different size so simple when used with our Quick Change Chucks. Accurate centering is ensured by the replaceable 1/8” high speed steel center point. Bits perform equally well in handheld electric or pneumatic drills as well as boring machines and drill presses. Can be re-sharpened or re-tipped.

Part #	Size	Recommended Rev/Min	Overall Length
8030500	1/2”	2500-3000	3-7/8”
8030562	9/16”	2500-3000	3-7/8”
8030625	5/8”	2500-3000	3-7/8”
8030687	11/16”	2500-3000	3-7/8”
8030750	3/4”	2500-3000	3-7/8”
8030812	13/16”	2200-2800	3-7/8”
8030875	7/8”	2200-2800	3-7/8”
8030937	15/16”	2200-2800	3-7/8”
8031000	1”	2200-2800	3-7/8”
8031062	1-1/16”	2000-2500	3-7/8”
8031125	1-1/8”	2000-2500	3-7/8”
8031250	1-1/4”	2000-2500	3-7/8”

Part #	Size	Recommended Rev/Min	Overall Length
8031312	1-5/16”	2000-2500	3-7/8”
8031375	1-3/8”	2000-2500	3-7/8”
8031437	1-7/16”	2000-2500	3-7/8”
8031500	1-1/2”	2000-2500	3-7/8”
8031625	1-5/8”	2000-2500	3-7/8”
8031750	1-3/4”	2000-2500	3-7/8”
8031875	1-7/8”	2000-2500	3-7/8”
8032000	2”	1800-2300	3-7/8”
8032125	2-1/8”	1500-2000	3-7/8”
8032250	2-1/4”	1500-2000	3-7/8”
8032500	2-1/2”	1500-2000	3-7/8”



Notes:

- **Replaceable Center Point is Part# 8070125**
- **Optional 1/8” Machine Drill Center Point is Part # 8061240**


PART #8031250

COMPOSITE DRILLS - With Pilot Drill

3-7/8" OAL / Carbide Tipped / Quick Change Shank

These drills have all the attributes of the 803 series but with a larger 1/4" diameter center hole as requested by several industrial users. This bit is supplied with a 1/4" Taper Point Drill bit that allows better control when trying to make a gentle entry. These bits can also be used with the 1/4" Pilot Rod (supplied) in applications that follow a 1/4" pre-drilled guide hole. This series has proven to be very effective in soft, gummy materials such as King Starboard®. Can be re-sharpened or re-tipped.



PART #8091000

Part #	Size	Recommended Rev/Min	Overall Length
8090750	3/4"	2500-3000	3-7/8"
8090937	15/16"	2200-2800	3-7/8"
8091000	1"	2200-2800	3-7/8"
8091062	1-1/16"	2200-2800	3-7/8"
8091125	1-1/8"	2000-2500	3-7/8"
8091187	1-3/16"	2000-2500	3-7/8"
8091250	1-1/4"	2000-2500	3-7/8"
8091312	1-5/16"	2000-2500	3-7/8"
8091375	1-3/8"	2000-2500	3-7/8"
8091500	1-1/2"	2000-2500	3-7/8"
8091750	1-3/4"	2000-2500	3-7/8"
8092125	2-1/8"	2000-2500	3-7/8"
8092250	2-1/4"	2000-2500	3-7/8"



Note:

- **Each 809 Series Drill is supplied with a 1/4" Tapered Point Drill bit, a 1/4" Pilot Rod, and a 3/32" Hex Key Wrench**

QUICK CHANGE TOOLING

Whiteside's Quick Change Tooling was designed for the production environment to allow a quick and easy switch from one tool size to the next. The 7/16" hex design is larger and stronger than most. This design allows the use of larger drill bits and hole saws with our Quick Change Chucks. (Our hex shank tooling will also work great in standard three jaw chucks). The Chucks are provided with a 1/2" hex shank for most applications or with a 3/8" hex shank for use in drills with only a 3/8" capacity. This system really makes changing tools a snap.



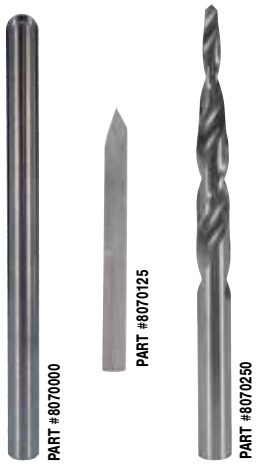
PART #8020500 PART #8020375

Quick Change Chucks

Part #	Shank Dia.	Adapter Size	Overall Length
8020375	3/8" Hex	7/16" Hex	2-3/4"
8020500	1/2" Hex	7/16" Hex	2-3/4"

SPARE PARTS

Part #	Description	Application
8070125	Replacement 1/8" Center Pin	Series 803 & 812 3-Wing Drills
8061240	Optional 1/8" Machine Drill	Series 803 & 812 3-Wing Drills
8070250	1/4" Taper Point Drill	Series 809 3-Wing Drills & 800 Hole Saws
8070000	1/4" x 3-3/8" Pilot Rod	Series 809 3-Wing Drills & 800 Hole Saws
8060256	1/4" x 6" Drill Bit	Series 808 Deep-Cor Hole Saws
HK-3/32	3/32" Hex Key Wrench	Series 803, 809, & 812 3-Wing Drills
HK-1/8	1/8" Hex Key Wrench	All Hole Saws / Quick Change Shanks
10322SS	#10-32 Set Screw (10 pcs)	Series 803, 809, & 812 3-Wing Drills
25284SS	1/4"-28 Set Screw (10 pcs)	All Hole Saws / Quick Change Shanks



PART #8070000 PART #8070125 PART #8070250

SELF CLEAN™ HOLE SAW - Carbide Tipped

U.S. Patent # 7,189,036

The Self Clean™ Hole Saw brings about a new generation of hole saws. Marine manufacturers were consulted in their development. The tool saws faster than conventional hole saws plus saves additional time because the plug falls out of the tool when the cut is finished. Made from high grade steel, carbide tipped, and produced specifically for cutting fiberglass. The quick change system further increases productivity when moving from one hole size to another. Can be re-sharpened or re-tipped.

Cut Depth 1"

Part #	Size	Recommended Rev/Min
8001000K	1"	1800-2300
8001062K	1-1/16"	1800-2300
8001125K	1-1/8"	1800-2300
8001187K	1-3/16"	1800-2300
8001250K	1-1/4"	1800-2300
8001312K	1-5/16"	1800-2300
8001375K	1-3/8"	1800-2300
8001437K	1-7/16"	1800-2300
8001500K	1-1/2"	1800-2300
8001625K	1-5/8"	1800-2300
8001687K	1-11/16"	1800-2300
8001750K	1-3/4"	1800-2300
8001875K	1-7/8"	1800-2300
8001937K	1-15/16"	1800-2300
8002000K	2"	1800-2300
8002062K	2-1/16"	1800-2300
8002125K	2-1/8"	1800-2300
8002187K	2-3/16"	1800-2300
8002250K	2-1/4"	1800-2300
8002312K	2-5/16"	1800-2300
8002375K	2-3/8"	1800-2300
8002500K	2-1/2"	1800-2300
8002625K	2-5/8"	1800-2300
8002750K	2-3/4"	1800-2300
8002875K	2-7/8"	1800-2300
8003000K	3"	1500-2000
8003125K	3-1/8"	1500-2000
8003250K	3-1/4"	1500-2000

Part #	Size	Recommended Rev/Min
8003375K	3-3/8"	1500-2000
8003500K	3-1/2"	1200-1800
8003625K	3-5/8"	1200-1800
8003687K	3-11/16"	800-1200
8003750K	3-3/4"	800-1200
8003875K	3-7/8"	800-1200
8004000K	4"	500-1200
8004125K	4-1/8"	500-1200
8004250K	4-1/4"	500-1200
8004312K	4-5/16"	500-1200
8004375K	4-3/8"	500-1200
8004500K	4-1/2"	500-1200
8004625K	4-5/8"	500-1200
8004750K	4-3/4"	500-1200
8005000K	5"	500-1200
8005250K	5-1/4"	500-1200
8005312K	5-5/16"	500-1200
8005500K	5-1/2"	500-1200
8005625K	5-5/8"	500-1200
8005750K	5-3/4"	500-1200
8006000K	6"	500-1200
8006250K	6-1/4"	500-1200
8006500K	6-1/2"	500-1200
8006625K	6-5/8"	500-1200
8006875K	6-7/8"	500-1200
8007250K	7-1/4"	500-1200
8008500K	8-1/2"	500-1200
8008625K	8-5/8"	500-1200



#800K Kit Includes

- 2" Quick Change Shank - #800/QCS
- 1/4" Pilot Rod - #8070000
- 1/4" Tapered Point Drill - #8070250
- 1/8" Allen Wrench - #HK-1/8



Notes:

- Hole Saws are typically sold as a kit.
- To order a Hole Saw without the kit, remove the "K" suffix from the Part #.
- Additional Sizes are available by custom order.



DEEP-COR™ HOLE SAW - Carbide Tipped

Deep-Cor™ Hole Saws feature a 3" depth of cut (over twice the depth of standard hole saws). The Deep-Cor™ is the ideal tool to use when drilling through thick materials such as transoms for "thru-hull" exhaust holes or bulkheads. These saws also boast a "trim tooth" that trims the plug generated by the saws and allows for easy extraction. They feature long lasting carbide tips and premium steel bodies. Unlike traditional hole saws, Deep-Cor™ is constructed with a fluted body and a slotted wall which allows the saw to expel chips more efficiently than standard saws. The long plug generated by boring completely through the transom will typically fall out without assistance, saving boat builders time and money. Can be re-sharpened or re-tipped.

Notes:

- **Hole Saws are typically sold as a kit.**
- **To order a Hole Saw without the kit, remove the "K" suffix from the Part #.**
- **Additional Sizes are available by custom order.**

Part #	Size	Recommended Rev/Min	Cut Depth
8081187K	1-3/16"	1800-2300	3"
8081500K	1-1/2"	1800-2300	3"
8081625K	1-5/8"	1800-2300	3"
8081750K	1-3/4"	1800-2300	3"
8081875K	1-7/8"	1800-2300	3"
8082125K	2-1/8"	1800-2300	3"
8082312K	2-5/16"	1800-2300	3"
8082375K	2-3/8"	1800-2300	3"
8083000K	3"	1500-2000	3"
8083250K	3-1/4"	1500-2000	3"
8083500K	3-1/2"	1500-2000	3"
8084000K	4"	500-1200	3"
8084625K	4-5/8"	500-1200	3"
8084750K	4-3/4"	500-1200	3"


PART #8083625


PART #8060256

#808K Kit Includes

- **2" Quick Change Shank - #800/QCS**
- **1/4" X 6" OAL Drill Bit - #8060256**
- **1/8" Allen Wrench - #HK-1/8**


PART #800/QCS

PART #HK-1/8

QUICK CHANGE SHANK

Quick Change Shanks can be used with the Self Clean™ (800 Series) or the Deep-Cor™ Hole Saws (808 Series). The standard 2" length is supplied with each kit. Longer lengths are available for extra reach. These shanks are compatible with the Quick Change Chucks on page 45.

Part #	Shank	Shank Length
800/QCS	7/16" Hex	2"
800-3/QCS	7/16" Hex	3"
800-4/QCS	7/16" Hex	4"
800-6/QCS	7/16" Hex	6"


PART #800-3/QCS


PART #800/QCS

TRANSOM DRILL - 8” OAL / Quick Change Shank

In conjunction with the marine industry, the Transom Drill was developed to eliminate the problems associated with drilling through fiberglass and wood. Due to the special parabolic flute design, chip packing problems are eliminated and make short work of drilling through thick transoms. Micro-grain carbide tips and premium steel bodies ensure maximum performance and durability. This bit is ideal to drill mounting holes for outdrive gimbal brackets, outboard engine brackets, and drain holes. Can be re-sharpened or re-tipped.

Part #	Dia.	Twist Length	Overall Length	Recommended Rev/Min
8040437	7/16”	6”	8”	2000-3000
8040500	1/2”	6”	8”	2000-3000
8040531	17/32”	6”	8”	2000-3000
8040562	9/16”	6”	8”	2000-3000
8040687	11/16"	6"	8"	2000-3000
8040750	3/4”	6”	8”	2000-3000
8040937	15/16”	6”	8”	2000-3000
8041000	1”	6”	8”	2000-3000



PART #8040437



PART #8040562

TRANSOM DRILL - 5” OAL / Quick Change Shank

A shorter, more compact version of the 8” Transom Drill. The carbide tipped vee point offers the toughest and most durable drill point. The flute design facilitates easy chip evacuation. This drill will go through thick composites in half the time and last up to 20 times longer than high speed jobber drills. Can be re-sharpened or re-tipped.

Part #	Dia.	Twist Length	Overall Length	Recommended Rev/Min
8050375	3/8”	3-3/4”	5”	2000-3000
8050500	1/2”	3-3/4”	5”	2000-3000
8050562	9/16”	3-3/4”	5”	2000-3000
8050750	3/4”	3-3/4”	5”	2000-3000
8051000	1”	3-3/4”	5”	2000-3000



PART #8050562



PART #8051000

BRAD POINT TRANSOM DRILL - 5” OAL / Quick Change Shank

These self-centering Transom Drills have several design attributes that save time and money. Designed to make clean, accurate cuts in gelcoat with minimal chipping & "blowout". Features a "climbing flute" for easy chip evacuation (self-cleaning, no pecking). The center point produces no "walking" during entry. Can be re-sharpened or re-tipped.

Part #	Dia.	Twist Length	Overall Length	Recommended Rev/Min
8100312	5/16”	3-3/4”	5”	2000-3000
8100375	3/8”	3-3/4”	5”	2000-3000
8100500	1/2”	3-3/4”	5”	2000-3000



PART #8100375



PART #8100500

For METAL CLAD DOORS

US Patent No. US D669,923 S

Traditional downcut spiral door bits on the market "BLOW OUT" material on the bottom side of the door after the bit dulls. Whiteside's Compression Door-Lite bit continues to perform after dulling because the material is "pulled" up instead of being pushed down. They are made of high grade Tool Steel and precision ground on state of the art CNC grinders.



TEST RESULTS

Tests were conducted of the Whiteside Machine Up/Down Door-Lite Bit against traditional spiral door bits. Test cuts were performed on a CNC door cutting machine routing steel clad exterior doors. The traditional bit cut an average of 12,000 inches per bit, whereas the Whiteside Door-Lite bit cut an amazing 22,000 inches!

Single Flute

Part #	Dia.	Cutting Length	Overall Length	Description
HC5250	1/2"	2-1/2"	5-1/2"	Round Shank
HCF5250	1/2"	2-1/2"	5-1/2"	Flat on Shank



PART #HC5250



PART #HCF5250

For FIBERGLASS & WOOD DOORS

Carbide Tipped Straight

Part #	Dia.	Cutting Length	Overall Length	Description
1073-01	1/2"	2-1/2"	5-1/2"	Round Shank
1073-03	1/2"	2-1/2"	5-1/2"	Flat on Shank



PART #1073-01

Carbide Tipped Staggertooth



PART #1205

Part #	Dia.	Cutting Length	Overall Length	Description
1205	1/2"	2-5/8"	5-1/2"	Round Shank

Solid Carbide Spiral

Up / Down Cut (2+2 Compression)

Part #	Dia.	Cutting Length	Overall Length	Description
UD5222	1/2"	2-1/4"	5-1/2"	Round Shank



PART #UD5222



PART # HMA-1/4

SCREW TYPE HELIX MORTISE & ARBORS

With Downshear Cutters

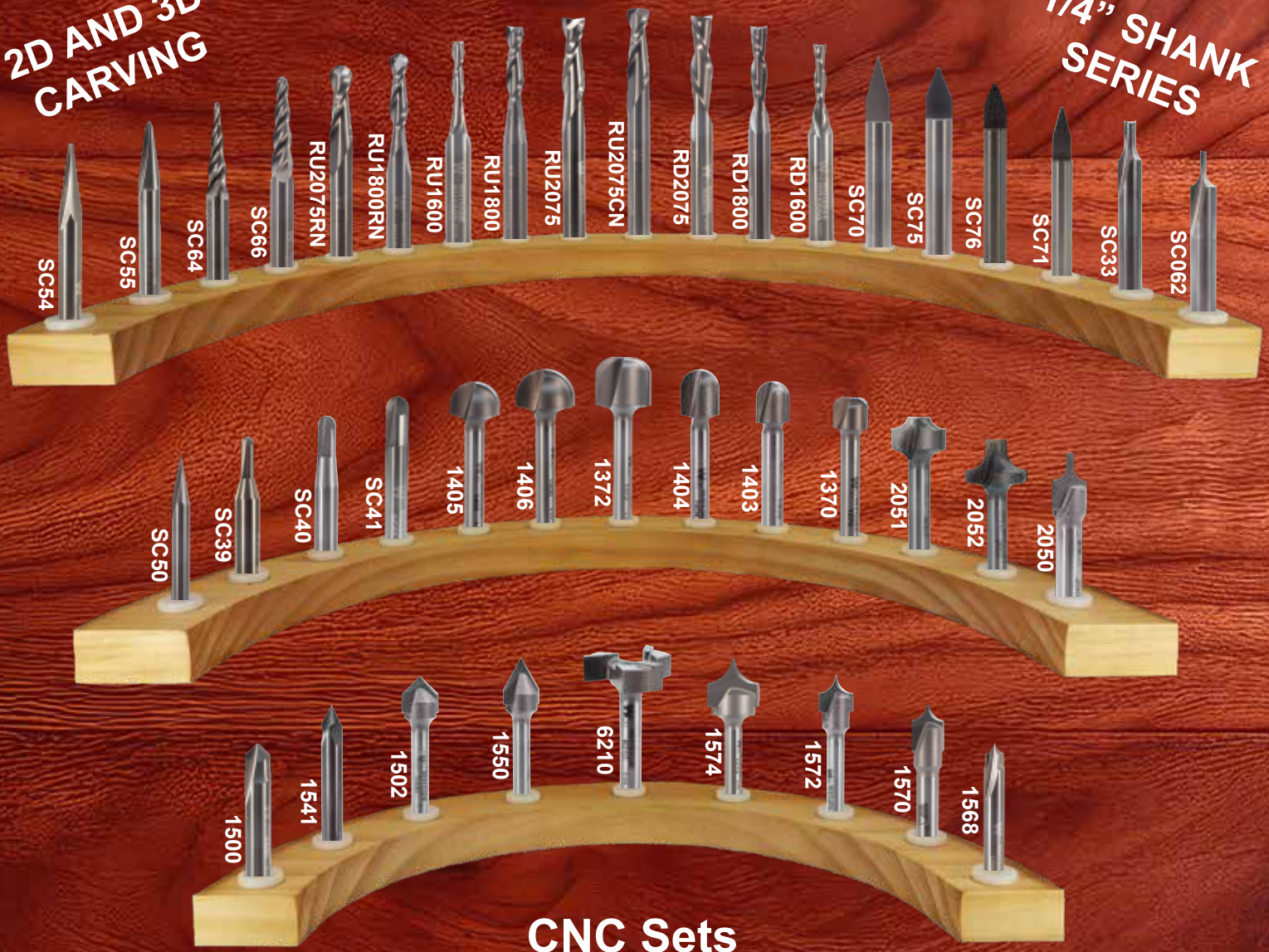
See our complete selection of Hinge Mortise Bits on Page 9.



CNC ROUTER BITS
BY WHITESIDE

2D AND 3D CARVING

1/4" SHANK SERIES



CNC Sets

#703- Ball Nose Set
#705- Starter Set
#706- Lettering Set
#708- Engraving Set
#709- Gen. Purpose
#714- The Works









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FOR USE IN NATURAL WOODS, MDF, HARD PLASTICS, & THIN ALUMINUM