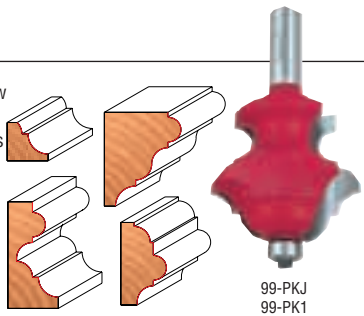


# Multi-Profile Bits

- Thick carbide tips and a sturdy 1/2" shank allow you to produce countless moulding profiles.
- Produce an endless number of profile designs by varying the height and fence settings and making multiple passes.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

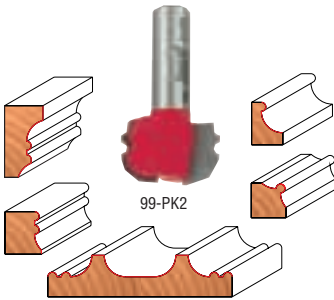


99-PKJ  
99-PK1

Item Number	Overall Dia.	Small Dia.	Minor Height	Carbide Height	Large Radius	Small Radius 1	Small Radius 2	Shank Dia.	Overall Length
99-PKJ	1 1/2"	-	-	1 1/64"	7/32"	3/16"	1/8"	1/2"	3"
99-PK1	2 5/32"	-	-	1 59/64"	25/64"	5/16"	15/64"	1/2"	4"
99-PK2	1 1/4"	1 3/32"	5/64"	51/64"	3/8"	5/64"	-	1/2"	2 1/4"
99-PK3	1 1/4"	1 3/32"	5/64"	29/32"	3/8"	5/64"	-	1/2"	2 7/16"
99-PK7	2 53/64"	1 1/32"	3/32"	1 51/64"	1/4"	3/16"	-	1/2"	3 1/2"

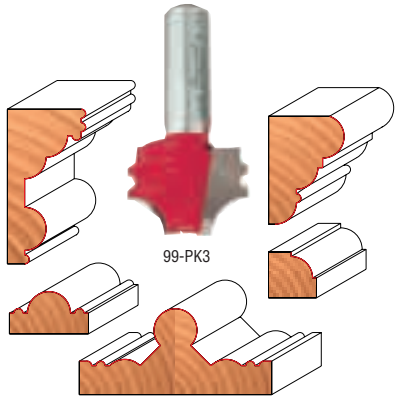
NEW

See pages 76-77 for replacement bearing item numbers.

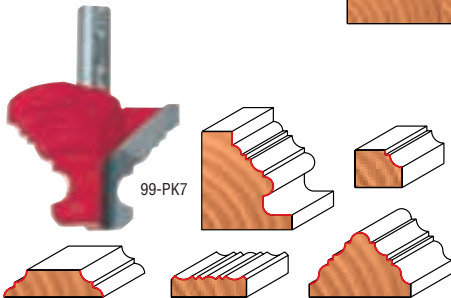


99-PK2

39



99-PK3



99-PK7

## Joinery Bits

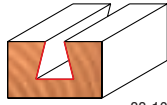
Freud's Joinery Bits make it possible for you to produce precision box joints, finger joints, dovetails, miter joints and more. Our router bits combine Freud's technical expertise and innovation, so you can create the same heirloom quality joints expected by fine furniture makers, cabinetmakers and hobbyists.

# Dovetail Bits

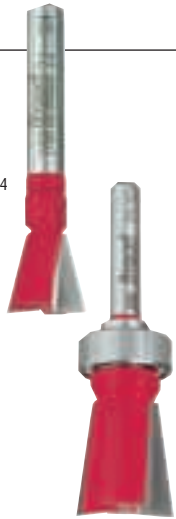
- Provides smooth, intricate dovetail joints.
- Compatible with many popular dovetailing jigs.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



22-104



22-506

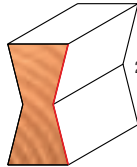
Item Number	Overall Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
22-100	1/4"	5/16"	7 1/2°	1/4"	2"
22-101	5/16"	3/8"	9°	1/4"	1 7/8"
22-102	3/8"	3/8"	9°	1/4"	1 7/8"
22-103	3/8"	3/8"	14°	1/4"	2 1/2"
22-104	1/2"	1/2"	14°	1/4"	1 7/8"
22-105	5/8"	7/8"	7°	1/4"	2 1/8"
22-106	3/4"	7/8"	7°	1/4"	2 1/8"
22-120	3/8"	1/2"	8°	1/4"	2 1/2"
22-122	1/2"	13/16"	8°	1/4"	2 3/4"
22-124	1/2"	1/2"	14°	1/4"	2 5/8"
22-107	1/4"	5/16"	7 1/2°	1/2"	2 5/8"
22-108	3/16"	3/8"	9°	1/2"	2 1/8"
22-110	3/8"	3/8"	9°	1/2"	2 1/4"
22-112	1/2"	1/2"	14°	1/2"	2 1/4"
22-113	5/8"	7/8"	7°	1/2"	2 5/8"
22-114	3/4"	7/8"	7°	1/2"	2 5/8"
22-130	1 1/16"	1"	8°	1/2"	3 3/8"
22-132	1 3/16"	1 1/4"	8°	1/2"	3 3/8"
22-134	3/4"	3/4"	14°	1/2"	3 3/8"
Top Bearing Dovetail					
22-505	5/8"	7/8"	7°	1/4"	2 5/8"
22-506	3/4"	7/8"	7°	1/4"	2 5/8"
22-507	3/4"	7/8"	14°	1/4"	2 5/8"

# Butterfly Spline Bit

- Offers a sturdy, decorative method of joining wood.
- Use a 14° dovetail bit to produce the mating grooves.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



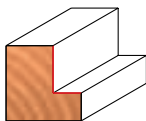
24-106



Item Number	Overall Dia.	Small Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
24-106	1 1/8"	1 1/16"	1 3/4"	14°	1/2"	3 1/4"

# Rabbeting Bits

32-098



- Produces super smooth cuts on both surfaces of the rabbet.
- Can be used for joining boards and for letting in back panels.
- Steel pilots can be removed from bits and used with edge guides for wider rabbets.

### Application:

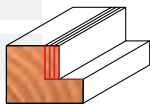
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Bearing Dia.	Cut Depth	Carbide Height	Shank Dia.	Overall Length
32-096	1¼"	½"	⅜"	⅜"	¼"	2"
32-098	1¼"	½"	⅜"	⅝"	¼"	2¼"
32-100	1¼"	½"	⅜"	½"	¼"	2"
<b>NEW</b> 32-101	1⅜"	⅜"	½"	½"	¼"	2¼"
<b>NEW</b> 32-102	1¼"	½"	⅜"	½"	½"	2¼"
<b>NEW</b> 32-106	1⅜"	⅜"	½"	½"	½"	2¼"
<b>NEW</b> 32-110	1⅜"	⅜"	½"	¾"	½"	2"
<b>Steel Pilots</b>						
32-302	1¼"	½"	⅜"	⅜"	¼"	1⅞"
32-306	1¼"	½"	⅜"	⅝"	¼"	2"

See pages 76-77 for replacement bearing item numbers.

42

32-504



# Rabbeting Bits with Bearing Set

- Comes with interchangeable bearings to cut rabbets of different depths.

- Produces super smooth cuts on both surfaces of the rabbet.
- Can be used for joining boards or for letting in back panels.
- Depth of rabbet can be altered by changing bearing.
- 32-504, 32-524 and 32-526 can also be used as flush cutting trim bits.
- Wrench included.

### Application:

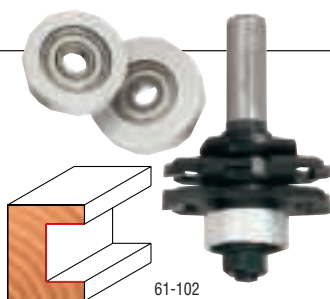
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Rabbeting Depths	Carbide Height	Shank Dia.	Overall Length
32-502	1⅜"	⅝", ⅜", ⅞", ½"	½"	¼"	2¼"
32-504	1⅜"	flush, ⅛", ¼", ⅝", ⅜", ⅞", ½"	½"	¼"	2¼"
32-522	1⅜"	⅝", ⅜", ⅞", ½"	½"	½"	2¼"
32-524	1⅜"	flush, ⅛", ¼", ⅝", ⅜", ⅞", ½"	½"	½"	2¼"
<b>NEW</b> 32-526	1⅜"	flush, ⅛", ¼", ⅝", ⅜", ⅞", ½"	¾"	½"	2½"

See pages 76-77 for replacement bearing item numbers.

# Stacked Slotting Set

- Produces grooves  $\frac{1}{8}$ " to  $\frac{23}{32}$ " deep.
- Select three different cut depths ( $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ") by changing the bearings.
- Bodies are heat treated for strength and computer balanced for vibration-free operation.
- Features Freud's kickback-reducing design for added safety.
- Includes Freud's slotting cutter arbor 60-202, 3 bearings and 4 specially designed slotting cutters.



## Application:

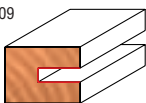
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Bearing Height	Carbide Height	Minor Height	Shank Dia.	Overall Length
61-102	2"	$\frac{3}{8}$ "	$\frac{1}{8}$ "- $\frac{3}{4}$ "	$\frac{1}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "
Replacement Bearings						
Item Number	Overall Dia.	Cut Depth				
62-120	1"	$\frac{1}{2}$ "				
62-121	$1\frac{1}{4}$ "	$\frac{3}{8}$ "				
62-122	$1\frac{1}{2}$ "	$\frac{1}{4}$ "				

# Three Wing Slotting Cutters



56-109



- Produces a precision slot for T-mouldings, spline joints and many other applications.
- Bodies are heat treated for strength and computer balanced for vibration-free operation.
- Features Freud's kickback-reducing design for added safety.
- Should be used with Freud's slotting cutter arbors 60-100 for 1/4" shanks and 60-102 for 1/2" shank.
- Compatible with 62-108 bearing.
- Cutter 56-109 can be used for biscuit joining.

### Application:

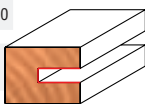
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Bore Dia.	Carbide Height
56-100	2"	5/16"	1/16"
56-106	2"	5/16"	3/32"
56-108	2"	5/16"	1/8"
56-109	2"	5/16"	5/32"
56-110	2"	5/16"	3/16"
56-112	2"	5/16"	1/4"

# Four Wing Slotting Cutters



58-110



- Produces a precision slot for T-mouldings, spline joints and many other applications.
- Bodies are heat treated for strength and computer balanced for vibration-free operation.
- Feature Freud's kickback-reducing design for added safety.
- Should be used with Freud's slotting cutter arbors 60-100 for 1/4" shanks and 60-102 for 1/2" shank.
- Compatible with 62-108 bearing.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Shank Dia.	Carbide Height
58-100	2"	5/16"	1/16"
58-104	2"	5/16"	2mm
58-106	2"	5/16"	3/32"
58-108	2"	5/16"	1/8"
58-110	2"	5/16"	3/16"
58-112	2"	5/16"	1/4"

# Slotting Cutter Arbors

- Produces smooth, precise, accurate slots.
- For premium performance, use with Freud slotting cutters.
- Compatible with any slotting cutter with a  $\frac{5}{16}$ " arbor.
- 60-120 and 60-122 include bearing #62-108

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Arbor Dia.	Stud Height	Arbor Height	Shank Dia.	Overall Length
60-100	$\frac{5}{16}$ "	1"	$\frac{25}{64}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
60-102	$\frac{5}{16}$ "	1"	$\frac{25}{64}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
60-120	$\frac{5}{16}$ "	1"	$\frac{25}{64}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
60-122	$\frac{5}{16}$ "	1"	$\frac{25}{64}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
60-152	$\frac{5}{16}$ "	$2\frac{1}{4}$ "	$\frac{5}{8}$ "	$\frac{1}{2}$ "	$4\frac{1}{4}$ "



60-120

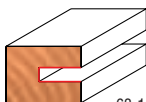


60-100

NEW  
NEW

# Slotting Cutter Sets

- Produces grooves  $\frac{1}{16}$ " deep.
- Bodies are heat treated for strength and computer balanced for vibration-free operation.
- Features Freud's kickback-reducing design for added safety.
- Includes three wing slotting cutter, arbor and ball bearing.



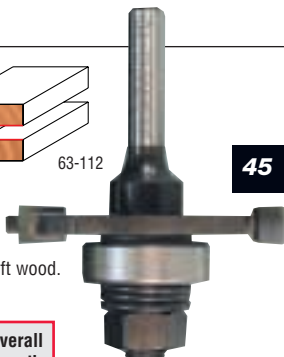
63-112

45

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Arbor Dia.	Carbide Height	Cut Depth	Shank Dia.	Overall Length
63-100	2"	$\frac{1}{16}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-104	2"	$\frac{5}{64}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-106	2"	$\frac{3}{32}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-108	2"	$\frac{1}{8}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-109	2"	$\frac{5}{32}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-110	2"	$\frac{3}{16}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-111	2"	$\frac{15}{64}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-112	2"	$\frac{1}{4}$ "	$\frac{9}{16}$ "	$\frac{1}{4}$ "	$2\frac{3}{8}$ "
63-150	2"	$\frac{1}{16}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-154	2"	$\frac{5}{64}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-156	2"	$\frac{3}{32}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-158	2"	$\frac{1}{8}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-159	2"	$\frac{5}{32}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-160	2"	$\frac{3}{16}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-161	2"	$\frac{15}{64}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "
63-162	2"	$\frac{1}{4}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "



See pages 76-77 for replacement bearing item numbers.

## Biscuit Joining Set



99-041



- Creates perfect slots for joining with biscuits.
- Easy and economical way to join wood.

### Application:

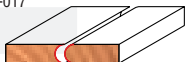
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
99-041	1 <sup>27</sup> / <sub>32</sub> "	5/ <sub>32</sub> "	1/2"	3 <sup>1</sup> / <sub>4</sub> "
<b>Replacement Cutter</b>				
52-154	1 <sup>27</sup> / <sub>32</sub> "	5/ <sub>32</sub> "	5/ <sub>16</sub> "	—
<b>Biscuit</b>				
Size	Bearing Dia.	Cut Depth	Bearing Number	
00	22mm	8.5mm	62-128	
10	26mm	10.5mm	62-124	
20	30mm	12.5mm	62-108	

## Canoe Joint Bits

46

99-017



- Combine these two bits to create joints for projects such as circular planters and canoes.
- Bit 99-017 cuts the flute.

- Bit 99-018 cuts the mating bead.

### Application:

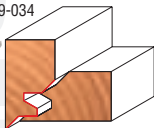
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

99-018

Item Number	Overall Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
99-017	1 <sup>1</sup> / <sub>2</sub> "	1/4"	1/8"	1/2"	1 <sup>11</sup> / <sub>16</sub> "
99-018	1 <sup>1</sup> / <sub>2</sub> "	3/8"	1/8"	1/2"	1 <sup>7</sup> / <sub>8</sub> "

## Lock Miter Bits

99-034



- Produces locking miter joints in a snap.
- Run one board vertically and run the piece to be joined horizontally.
- 99-035 cuts thinner panels for projects such as humidors and jewelry boxes.

### Application:

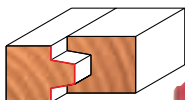
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as table-mounted portable routers.

Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
99-034	2 <sup>3</sup> / <sub>4</sub> "	1 <sup>3</sup> / <sub>32</sub> "	1/2"	2 <sup>5</sup> / <sub>8</sub> "
99-035	2 <sup>11</sup> / <sub>64</sub> "	7/ <sub>8</sub> "	1/2"	2 <sup>3</sup> / <sub>8</sub> "

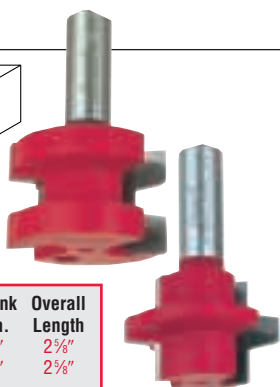


# Wedge & Tongue Bits

- Perfect for gluing together boards for wide projects such as table tops.
- Provide a strong joint, due to the increased glue area.



99-032



99-033

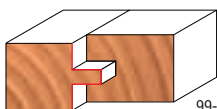
## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

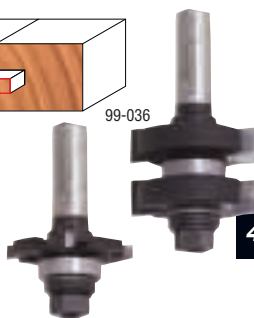
Item Number	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Angle	Shank Dia.	Overall Length
99-032	1 <sup>21</sup> / <sub>32</sub> "	5/ <sub>16</sub> "	1 <sup>3</sup> / <sub>32</sub> "	3/ <sub>8</sub> "	10°	1/ <sub>2</sub> "	2 <sup>5</sup> / <sub>8</sub> "
99-033	1 <sup>27</sup> / <sub>32</sub> "	3/ <sub>16</sub> "	1 <sup>3</sup> / <sub>32</sub> "	3/ <sub>8</sub> "	10°	1/ <sub>2</sub> "	2 <sup>5</sup> / <sub>8</sub> "

# Adjustable Tongue & Groove Bit Set

- Exclusive design produces perfectly fitted tongue and groove joints.
- Ideal for Shaker style cabinet doors.
- Adjustable for stock thickness of 1/2" to 1 1/4" and groove widths of 7/32" to 3/8".
- Opposing shear angles of the tongue cutter ensure flawless finish.



99-036



47

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on table-mounted portable routers.

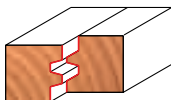
Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Minor Height	Shank Dia.	Overall Length
99-036	1 <sup>1</sup> / <sub>4</sub> "	7/ <sub>8</sub> "	3/ <sub>16</sub> "-1 <sup>1</sup> / <sub>16</sub> "	7/ <sub>32</sub> "- <sup>25</sup> / <sub>64</sub> "	1/ <sub>2</sub> "	3 <sup>1</sup> / <sub>4</sub> "

NEW

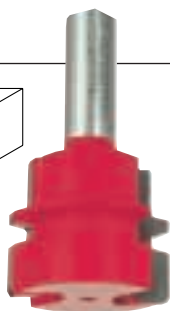
Patent Pending.

# Reversible Glue Joint Bit

- Provides a stronger joint by increasing the surface area for glue.
- Plane boards to a uniform thickness; align bit to the center of the board; then reverse each board for a perfect glue joint.



99-031



## Application:

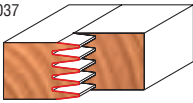
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Angle	Shank Dia.	Overall Length
99-031	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>4</sub> "	<sup>23</sup> / <sub>64</sub> "	30°	1/ <sub>2</sub> "	2 <sup>3</sup> / <sub>4</sub> "

# Finger Joint Bit



99-037



- Ideal for joining wood edge to edge or end to end.
- Produces a joint that is stronger than the wood itself.
- Tips on each side of the bit are offset, cutting twice as many fingers as you see tips on each side of the bit.

### Application:

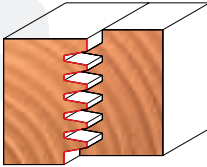
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Shank Dia.	Overall Length
99-037	1 $\frac{3}{8}$ "	$\frac{5}{16}$ "	1 $\frac{1}{16}$ "	$\frac{21}{64}$ "	$\frac{1}{2}$ "	3"

# Variable Height Finger Joint Bit



99-039



- Fully adjustable to produce finger joints up to 1 $\frac{25}{32}$ " thick.
- Ideal for joining wood edge to edge or end to end.
- Produces a joint that is stronger than the wood itself.
- Replacement cutters available and uses arbor #60-152.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as table-mounted portable routers.

Item Number	Overall Dia.	Cut Depth	Bearing Dia.	Carbide Height	Shank Dia.	Overall Length
99-039	2"	$\frac{5}{16}$ "	1 $\frac{3}{8}$ "	1 $\frac{25}{32}$ "	$\frac{1}{2}$ "	4 $\frac{1}{4}$ "

### Replacement Cutters

Item Number	Overall Dia.	Bore Dia.	Carbide Height
52-104	2"	$\frac{5}{16}$ "	$\frac{7}{32}$ "
52-108	2"	$\frac{5}{16}$ "	$\frac{21}{64}$ "

See pages 76-77 for replacement bearing item numbers.



52-108

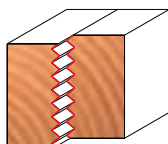


52-104



# Raised Panel "V" Joint Bit

- Produces a strong joint for edge gluing boards for raised panels.
- Joining surfaces are at an angle, not vertical, so you won't see dark lines like those created by standard finger joint bits.
- Bit does not have to be centered in the wood.
- Simply raise or lower the bit  $\frac{3}{32}$ " to route the mating edge.



99-038



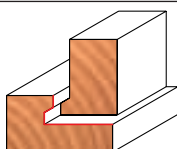
## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

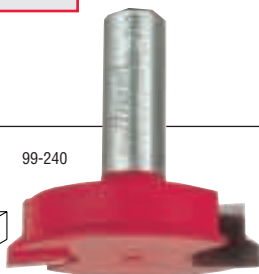
Item Number	Overall Dia.	Carbide Height	Minor Height	Angle	Shank Dia.	Overall Length
99-038	1 $\frac{1}{8}$ "	1 $\frac{37}{64}$ "	$\frac{25}{64}$ "	80°	$\frac{1}{2}$ "	3 $\frac{1}{16}$ "

# Drawer Lock Bit

- Forms a strong joint between the sides and front of a drawer.
- Drawer fronts are formed horizontally, flat on table surface.
- Drawer sides are formed vertically against the fence of the table.



99-240



## Application:

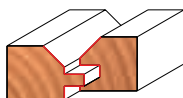
- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Angle	Shank Dia.	Overall Length
99-240	2"	1 $\frac{1}{4}$ "	$\frac{33}{64}$ "	$\frac{5}{32}$ "	30°	$\frac{1}{2}$ "	2"

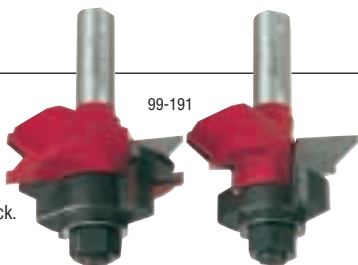
49

# "V" Panel Bit Set

- Ideal for creating attractive "V" groove paneling.
- Set includes spacers that allow you to produce "V" paneling from  $\frac{1}{2}$ ",  $\frac{3}{4}$ " or 1" thick stock.



99-191



## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on table-mounted portable routers.

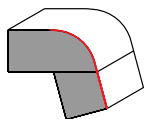
Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height1	Minor Height2	Angle	Shank Dia.	Overall Length
99-191	1 $\frac{11}{64}$ "	1 $\frac{37}{64}$ "	1 $\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{25}{64}$ "	45°	$\frac{1}{2}$ "	3 $\frac{3}{8}$ "

## Solid Surface Bits

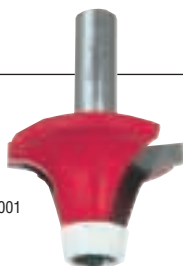
Fabricate and install solid surface countertops with a full range of dedicated router bits from Freud. This high performance cutter selection includes bits that suit most applications, and the Freud name ensures the finest quality finish.

# Round Over Bowl Bits

- Trims excess material when fabricating solid surface countertops with solid surface sink bowls.
- Features Snap-Lock™ bearing system.



85-001



**Application:**

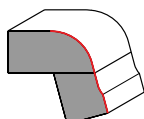
- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.

Item Number	Overall Dia.	Carbide Height	Minor Height	Large Radius	Angle	Shank Dia.	Overall Length
85-001	2"	1"	1/4"	1/2"	15°	1/2"	2 7/8"
85-003	2"	1 1/4"	1/4"	1/2"	15°	1/2"	3 1/8"

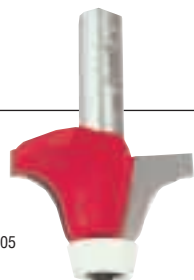
See pages 76-77 for replacement bearing item numbers.

# Ogee Bowl Bits

- Ideal for trimming solid surface countertops and solid surface sink bowls.
- Features Snap-Lock™ bearing system.



85-005



**Application:**

- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.

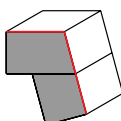
Item Number	Overall Dia.	Carbide Height	Large Radius	Small Radius	Angle	Shank Dia.	Overall Length
85-005	2"	1"	1/2"	1/4"	15°	1/2"	2 7/8"
85-007	2"	1 1/4"	1/2"	1/4"	15°	1/2"	3 1/8"

See pages 76-77 for replacement bearing item numbers.

51

# Bevel Bowl Bit

- Trims excess material when fabricating solid surface countertops with solid surface sink bowls.
- Features Snap-Lock™ bearing system.



85-009



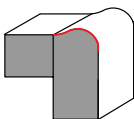
**Application:**

- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.

Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
85-009	1 1/32"	3/4"	1"	15°	1/2"	2 7/8"

See pages 76-77 for replacement bearing item numbers.

# No Drip Edge Bits



85-011

- Creates a slightly raised edge on a solid surface countertop.
- Specially formulated carbide is ideal for fabricating solid surface materials.

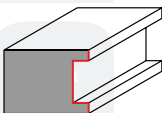
### Application:

- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.

Item Number	Overall Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Shank Dia.	Overall Length
85-011	1"	3/4"	9/64"	3/8"	1/4"	1/2"	2 <sup>13</sup> / <sub>16</sub> "
85-013	1"	1"	9/64"	3/8"	1/4"	1/2"	3 <sup>1</sup> / <sub>16</sub> "

See pages 76-77 for replacement bearing item numbers.

# Inlay Bits



85-023

- Ideal for decorative inlay work in solid surface countertops.

### Application:

- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.

Item Number	Overall Dia.	Cut Depth	Bearing Dia.	Carbide Height	Shank Length	Shank Dia.	Overall Length
85-015	7/8"	1/16"	3/4"	1/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	2 <sup>13</sup> / <sub>16</sub> "
85-017	7/8"	1/8"	5/8"	1/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	2 <sup>13</sup> / <sub>16</sub> "
85-019	7/8"	3/16"	1/2"	1/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	2 <sup>13</sup> / <sub>16</sub> "
85-021	7/8"	1/16"	3/4"	1/2"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>1</sup> / <sub>16</sub> "
85-023	7/8"	1/8"	5/8"	1/2"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>1</sup> / <sub>16</sub> "
85-025	7/8"	3/16"	1/2"	1/2"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>1</sup> / <sub>16</sub> "
85-027	7/8"	1/16"	3/4"	3/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>5</sup> / <sub>16</sub> "
85-029	7/8"	1/8"	5/8"	3/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>5</sup> / <sub>16</sub> "
85-031	7/8"	3/16"	1/2"	3/4"	1 <sup>5</sup> / <sub>8</sub> "	1/2"	3 <sup>5</sup> / <sub>16</sub> "

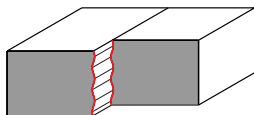
See pages 76-77 for replacement bearing item numbers.

# Wavy Joint Bit

- Produces a sturdy joint in solid surface material.
- Waves formed in material accommodate more surface glue, creating a solid joint.

## Application:

- Cuts all solid surface materials, hardwood and other composite materials.
- Use on hand-held portable routers.



85-033



Item Number	Overall Dia.	Small Dia.	Carbide Height	Shank Dia.	Overall Length
85-033	$\frac{5}{8}$ "	$\frac{37}{64}$ "	$1\frac{13}{16}$ "	$\frac{1}{2}$ "	$3\frac{1}{8}$ "

## Door & Window Bits

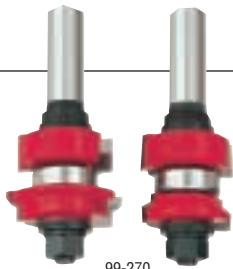
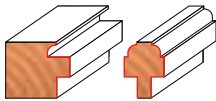
Produce beautiful cabinet doors with raised panels, recessed panels or glass panels—and even make your own window sashes—with Freud's Door and Window Bits. Our matched rail and stile bit sets make it easy to create strong, attractive frames. Freud's exclusive 2+2 raised panel bits quickly power through the hardest woods, leaving smooth profiles that require minimal sanding.



# Divided Lite Cabinet Door

## Bit Set

- Produces cabinet doors with stylish glass panes.



99-270

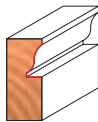
### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

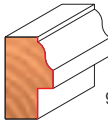
Item Number	Overall Dia.	Small Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
99-270	1 <sup>17</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>2</sub> "	3 <sup>3</sup> / <sub>16</sub> "

# Window Sash & Rail Bits

- Two bits work together to produce a complete divided lite sash.
- 99-050 copes the rails, sash bars and muntins.
- 99-051 cuts the profile on all components.
- Instruction manual included.



99-050



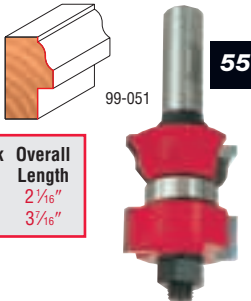
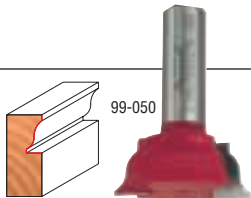
99-051

### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Shank Dia.	Overall Length
99-050	1 <sup>1</sup> / <sub>2</sub> "	—	<sup>39</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>2</sub> "	2 <sup>1</sup> / <sub>16</sub> "
99-051	1 <sup>11</sup> / <sub>32</sub> "	7 <sup>1</sup> / <sub>8</sub> "	1 <sup>29</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>16</sub> "

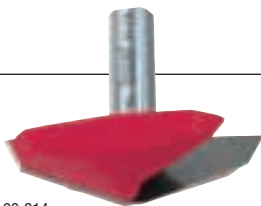
See pages 76-77 for replacement bearing item numbers.



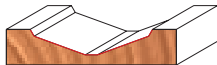
55

# French Provincial Raised Panel Bit

- Produces raised panels used in doors and paneling from 3/4" stock.
- Adjust the length of the tongue by using a fence.
- Ideal for making decorative grooves in panels, tops and plaques.



99-214



### Application:

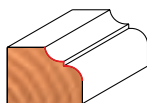
- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Angle A	Angle B	Shank Dia.	Overall Length
99-214	2 <sup>3</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>16</sub> "	1 <sup>9</sup> / <sub>64</sub> "	20°	30°	1 <sup>1</sup> / <sub>2</sub> "	2 <sup>3</sup> / <sub>16</sub> "

# Rail & Stile Profile Bits



99-060



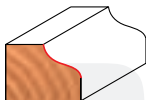
- Creates rail and stile doors that rival a professional's work.
- 99-060 and 99-061 cope and stick the rail and stiles.
- 99-060 and 99-061 can also be used alone to form a matching edge profile.
- 99-062 cuts the panel slot and the back of the tongue on the coped piece.

### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on hand-held and table-mounted portable routers.

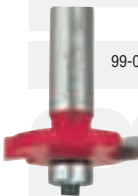


99-061

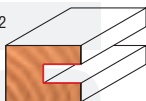


Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Shank Dia.	Overall Length
99-060	1½"	1"	⅜"	⅜"	⅜"	½"	2¼"
99-061	1½"	—	⅜"	⅜"	⅜"	½"	2¼"
99-062	1½"	—	¼"	—	—	½"	2⅝"

See pages 76-77 for replacement bearing item numbers.



99-062



56

# Matched Rail & Stile Bit Sets



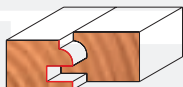
99-260



- Produce perfect fitting rail and stile doors from ¾" stock.
- Create professional-looking raised panel doors when you combine these bits with one of Freud's Raised Panel Bits.
- Shims provided to ensure a perfect fit.

### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.



Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Shank Dia.	Overall Length
99-260	1⅞"	1⅝"	1⅞"	1⅞"	1⅞"	½"	3"
99-261	1⅞"	1⅞"	2⅞"	1⅞"	1⅞"	½"	3"
99-263	1⅞"	1⅞"	¾"	1⅞"	1⅞"	½"	3"

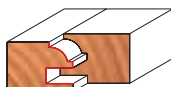
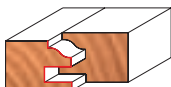
See pages 76-77 for replacement bearing item numbers.



99-261

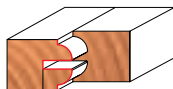


99-263

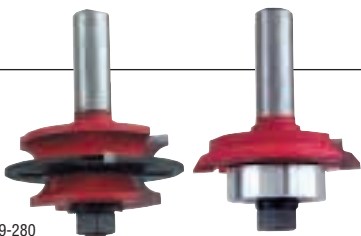


# Recoverable Bead Glass Door Bit Sets

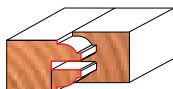
- Each bit produces a unique profile on the front of the doors and a matching profile on the back that can be removed with a 1/8" kerf saw blade and miter cut to make a bead to secure the glass panel. When finished, the doors look equally good from the front or back.



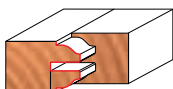
99-280



- 99-281 produces an ogee profile, 99-280 produces a quarter round profile, and 99-283 produces a beaded profile.



99-283



99-281

### Application:

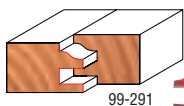
- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Minor Height	Large Radius	Small Dia.	Shank Dia.	Overall Length	
99-280	2 3/8"	1 1/4"	7/8"	1/8"	7/32"	1 1/4"	1/2"	3"	NEW
99-281	2 3/8"	1 1/4"	7/8"	1/8"	7/32"	1 1/4"	1/2"	3"	NEW
99-283	2 3/8"	1 1/4"	7/8"	1/8"	1 5/64"	1 1/4"	1/2"	3"	NEW

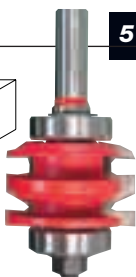
# One-Piece Rail & Stile Bits

57

- Cut the frame members face down on a 1/2" router and router table so variations in stock thickness are not a problem.
- 99-290 produces a quarter round profile, 99-291 produces an ogee profile and 99-293 produces a classical bead profile.
- A simple, efficient method for creating beautiful cabinet doors, since it's not necessary to reconfigure or change cutters or fence settings.



99-291

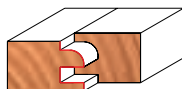


### Application:

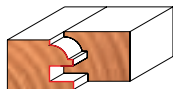
- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Minor Height	Large Radius	Small Dia.	Shank Dia.	Overall Length	
99-290	2"	1 1/4"	1 3/32"	1 5/64"	7/32"	1 1/4"	1/2"	4 3/32"	NEW
99-291*	2"	1 1/4"	1 3/32"	1 5/64"	7/32"	1 1/4"	1/2"	4 3/32"	NEW
99-293	2"	1 1/4"	1 3/32"	1 5/64"	9/32"	1 1/4"	1/2"	4 3/32"	NEW

\*Small Radius = 1/64"



99-290



99-293

# 2 1/2" Raised Panel Bits

99-510



- Revolutionary design combines two small wings that cut downward to shear the top edge for a splinter-free surface, and two large wings that shear upward for a smooth finish.
- Produces raised panels for doors and paneling.
- Use 1/2" height for 5/8" stock. Use 3/8" height for 3/4" stock.
- Ideal for creating decorative tops, plaques and moulding.

### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Shank Dia.	Overall Length
99-510	2 3/4"	—	5/8"	7/32"	35/64"	1/8"	1/2"	2 1/2"
99-511	2 3/4"	1 1/8"	5/8"	1 5/64"	—	—	1/2"	2 1/2"
99-512	2 3/4"	1 1/4"	5/8"	1 7/64"	1 3/64"	—	1/2"	2 1/2"
99-513*	2 3/4"	—	5/8"	1 5/64"	7/16"	—	1/2"	2 1/2"
99-515	3 1/2"	1 1/4"	5/8"	5/32"	—	—	1/2"	2 1/2"
99-516	3 1/2"	1 1/4"	1/2"	5/32"	—	—	1/2"	2 1/2"
99-518	3 1/2"	—	5/8"	5/64"	1 1/2"	—	1/2"	2 1/2"
99-519	3 1/2"	—	1/2"	5/64"	1 1/2"	—	1/2"	2 1/2"
99-520	3 1/2"	—	5/8"	7/32"	25/32"	5/32"	1/2"	2 1/2"
99-521	3 1/2"	—	1/2"	—	1 3/16"	5/32"	1/2"	2 3/8"
99-522	3 1/2"	—	5/8"	—	1 5/64"	—	1/2"	2 1/2"
99-523	3 1/2"	—	1/2"	—	5/32"	—	1/2"	2 3/8"

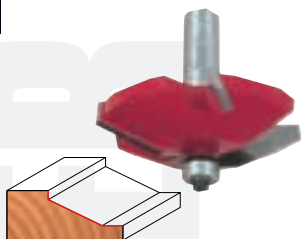
NEW  
NEW  
NEW

See pages 76-77 for replacement bearing item numbers.

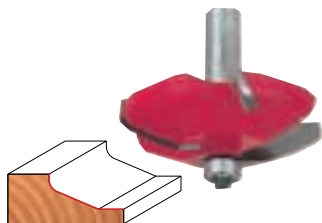
\*Angle = 80°

U.S. Patent No. 5,899,252

58



99-511



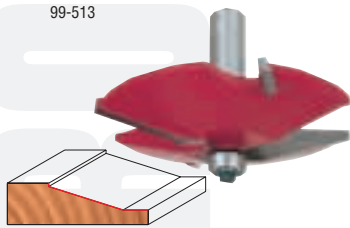
99-512



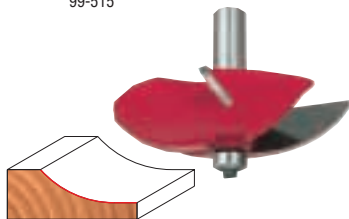
99-513



99-515

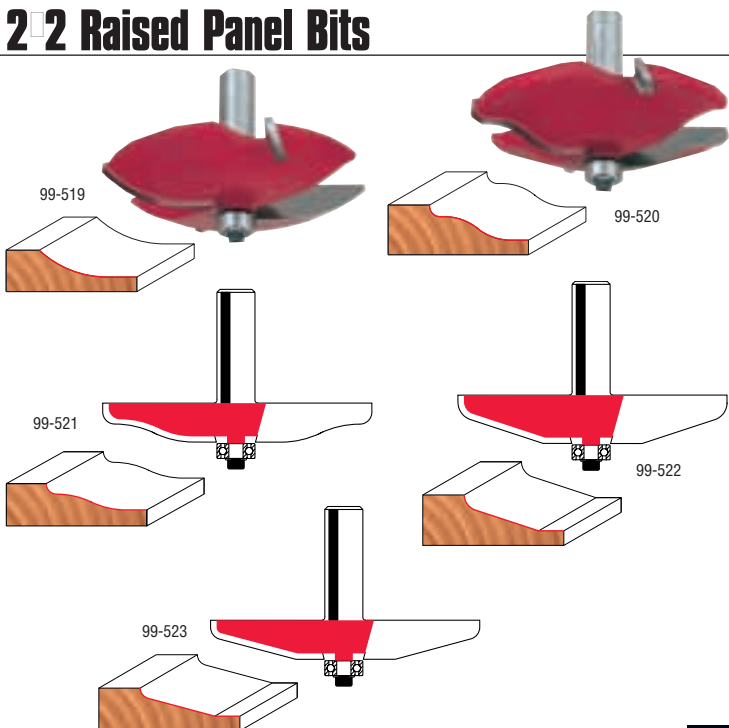


99-516



99-518

## 2+2 Raised Panel Bits



59

## 2+2 Raised Panel Bits with Backcutters

Full 1 1/2" Profile!

- Exclusive design combines the smooth cuts of our 2+2 Raised Panel bits with a backcutter to produce panels from 3/4" stock that are flush with the door frame for a professional look.
- Completed doors can be sanded with a wide belt sander or drum sander for easiest finishing.
- Shims are included to allow adjustment of tongue thickness from 7/32" to 1/4" for maximum versatility and compatibility.
- Patent pending design allows these bits to produce a full 1 1/2" wide reveal for traditional raised panel doors.
- Included 99-562 radius backcutter gives a double sided appearance and can be replaced with the optional 99-560 square backcutter for a more contemporary look.



### Application:

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.

Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Shank Dia.	Overall Length
99-566	3 1/2"	1 1/4"	1"	5/32"	—	1/2"	3"
99-569	3 1/2"	—	1"	5/64"	1 1/2"	1/2"	3"
Replacement Backcutters							
54-560	1 7/16"	—	15/64"	—	—	—	—
54-562	1 13/16"	—	15/64"	—	3/16"	—	—

NEW  
NEW

NEW  
NEW

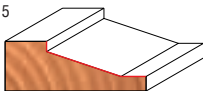
U.S. Patent No. 5,899,252. Other patents pending.

Door & Window Bits

freud®

# Vertical Raised Panel Bits

99-315



- Creates full sized raised panels by feeding the 3/4" stock vertically.
- Small overall diameter makes these bits ideal for lower horsepower routers and single speed routers.

**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on hand-held and table-mounted portable routers.



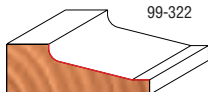
99-318



Item Number	Overall Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Shank Dia.	Overall Length
99-315	1 1/2"	1 5/8"	23/64"	—	—	1/2"	3 3/16"
99-318	1 1/2"	1 5/8"	—	1 1/2"	—	1/2"	3 3/16"
99-320	1 1/2"	1 5/8"	—	25/32"	5/32"	1/2"	3 3/16"
99-322	1 1/2"	1 5/8"	23/64"	3/8"	—	1/2"	3 3/16"



99-320



99-322

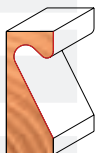


60

# Door Pull Bit



99-007



- Produces the finger pull groove found on popular contemporary cabinet doors.

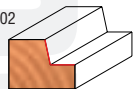
**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Carbide Height	Small Dia.	Large Radius	Small Radius	Angle	Shank Dia.	Overall Length
99-007	1 27/32"	1 1/8"	1 29/64"	1/4"	3/64"	26 1/2°	1/2"	2 5/8"

# Door Lip Bit

99-002



- Cuts out the underside portion of a cabinet door to match most top edge profiles.
- Provides maximum design versatility.

**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on hand-held and table-mounted portable routers.

Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
99-002	1 1/2"	1/2"	1 1/32"	12°	1/2"	2 1/16"

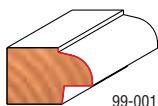
See pages 76-77 for replacement bearing item numbers.

# Door Lip Bit

- Produces classical door lips on stock from  $\frac{1}{2}$ " to  $\frac{1}{4}$ " in thickness.

**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.



99-001



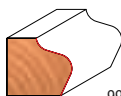
Item Number	Overall Dia.	Cut Depth	Bearing Height	Carbide Height	Minor Height	Large Radius	Angle	Shank Dia.	Overall Length
99-001	2"	$\frac{29}{64}$ "	$\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{16}$ "	$\frac{3}{8}$ "	7°	$\frac{1}{2}$ "	$2\frac{3}{4}$ "

# Finger Pull Door Lip Bit

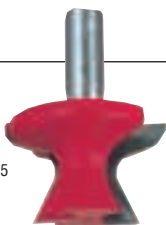
- Produces the finger pull groove found on popular contemporary cabinet doors.

**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on table-mounted portable routers.



99-065



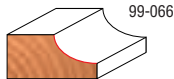
Item Number	Overall Dia.	Small Dia.	Carbide Height	Large Radius	Angle	Shank Dia.	Overall Length
99-065	2"	$\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	25°	$\frac{1}{2}$ "	$2\frac{3}{4}$ "

# Drawer Front Bit

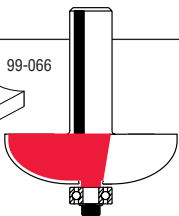
- Adds a decorative "raised panel" look to drawer fronts.
- Precise shear angles provide a splinter-free finish.

**Application:**

- Cuts all composition materials, plywood, hardwood and soft wood.
- Use on hand-held and table-mounted portable routers.



99-066



Item Number	Overall Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
99-066	2"	$\frac{9}{16}$ "	$\frac{29}{32}$ "	$\frac{1}{2}$ "	$2\frac{3}{8}$ "

NEW

## Router Bit Sets

Whether you're a novice or a professional woodworker, Freud offers a router bit set that meets your needs. Choose from more than 35 sets, each offering the ability to create numerous profiles and projects. For your convenience, each Freud router bit set includes an attractive wooden storage box.



# Four Piece Introductory Bit Set

- This four piece set transforms to five pieces by using a bearing to convert the beading bit into a round over bit.
- Includes a flush trim, straight, roman ogee and beading bit.
- All bits have 1/4" shanks.
- Includes attractive wooden storage box.



88-104

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 88-104

Bit Type	Item Number	Shank Dia.	Page Number
Bearing Flush Trim Bit	42-104	1/4"	11
Double Flute Straight Bit	04-108	1/4"	5
Roman Ogee Bit	38-100	1/4"	28
Beading Bit	36-114	1/4"	25
Rounding Over Bit*	36-114		

\*Use included bearing #62-104 to convert 36-114 Beading Bit into Rounding Over Bit.

# Nine Piece Basic Bit Set

- Ideal starter set for the beginning woodworker.
- Includes a variety of bits that allow you to experience several router functions.
- All bits have 1/4" shanks.
- Includes attractive wooden storage box.



63

88-100

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 88-100

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit*	04-104	1/4"	5
Double Flute Straight Bit	04-124	1/4"	5
Mortising Bit	16-100	1/4"	10
Dovetail Bit	22-104	1/4"	41
Rabbeting Bit	32-100	1/4"	42
Rounding Over Bit	34-110	1/4"	24
Roman Ogee Bit	38-100	1/4"	28
Bearing Flush Trim Bit	42-102	1/4"	11
Panel Pilot Bit*	70-100	1/4"	10

\*Solid Carbide

# Four Piece Undersized Plywood Bit Set



90-106

- Routs perfectly fitted grooves and dadoes.
- Designed to cut today's undersized plywood; ideal for 1/4" to 3/4" plywood.
- All bits have 1/4" shanks.
- Includes attractive wooden storage box.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 90-106

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit*	04-111	1/4"	6
Mortising Bit	16-103	1/4"	10
Mortising Bit	16-096	1/4"	10
Mortising Bit	16-098	1/4"	10

\*Solid carbide

# 15 Piece Advanced Bit Set



90-100

- Offers a variety of useful bits, from "V" grooving to flush trimming to chamfering and dovetailing.
- All bits have 1/4" shanks.
- Includes attractive wooden storage box.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 90-100

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit*	04-106	1/4"	5
Double Flute Straight Bit	04-140	1/4"	5
Mortising Bit	16-100	1/4"	10
Round Nose Bit*	18-104	1/4"	17
"V" Grooving Bit	20-104	1/4"	18
Dovetail Bit	22-104	1/4"	41
One Flute Panel Pilot Bit	26-100	1/4"	10
Cove Bit	30-106	1/4"	22
Rabbeting Bit	32-100	1/4"	42
Rounding Over Bit	34-114	1/4"	24
Roman Ogee Bit	38-100	1/4"	28
Chamfer Bit	40-106	1/4"	34
Bearing Flush Trim Bit	42-106	1/4"	11
Flush Trim Bit*	64-100	1/4"	12
Bevel Trim Bit*	66-100	1/4"	12

\*Solid carbide

# 26 Piece Artisan Bit Set

- Truly the best set for professional and serious woodworkers.
- Offers the craftsman a wide range of bits, including: "V" grooving, round over, roman ogee, flush trim, chamfer and many other popular profiles.
- Includes attractive wooden storage box.



92-100

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

## Item Number 92-100

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit*	04-100	¼"	5
Double Flute Straight Bit*	04-106	¼"	5
Double Flute Straight Bit*	04-108	¼"	5
Double Flute Straight Bit	04-140	¼"	5
Mortising Bit	16-100	¼"	10
Round Nose Bit*	18-104	¼"	17
Round Nose Bit	18-106	¼"	17
"V" Grooving Bit	20-100	¼"	18
"V" Grooving Bit	20-104	¼"	18
Dovetail Bit	22-104	¼"	41
Panel Pilot Bit	26-100	¼"	10
Cove Bit	30-102	¼"	22
Cove Bit	30-106	¼"	22
Rabbeting Bit	32-100	¼"	42
Rounding Over Bit	34-110	¼"	24
Rounding Over Bit	34-114	¼"	24
Beading Bit	36-110	¼"	25
Beading Bit	36-114	¼"	25
Roman Ogee Bit	38-100	¼"	28
Roman Ogee Bit	38-102	¼"	28
Chamfer Bit	40-106	¼"	34
Bearing Flush Trim Bit	42-100	¼"	11
Bearing Flush Trim Bit	42-104	¼"	11
Bearing Flush Trim Bit	42-106	¼"	11
Flush Trim Bit*	64-100	¼"	12
Bevel Trim Bit*	66-100	¼"	12

\*Solid Carbide

65

# Six Piece Starter Bit Set

- Ideal for the beginning woodworker.
- Variety of profiles allows the novice to be very creative with a minimum investment.
- All bits have ½" shanks.
- Includes attractive wooden storage box.



91-104

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

## Item Number 91-104

Bit Type	Item Number	Shank Dia.	Page Number
Round Nose Bit	18-116	½"	17
Cove Bit	30-114	½"	22
Rabbeting Bit	32-102	½"	42
Rounding Over Bit	34-124	½"	24
Roman Ogee Bit	38-106	½"	28
Chamfer Bit	40-114	½"	34

# 13 Piece Super Bit Set



91-100

- Consists of a variety of woodworkers' favorite bits, including "V" grooving, flush trimming, chamfering and dovetailing.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.

#### **Application:**

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

#### **Item Number 91-100**

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit	12-100	1/2"	5
Double Flute Straight Bit	12-116	1/2"	5
Double Flute Straight Bit	12-152	1/2"	5
Mortising Bit	16-110	1/2"	10
Round Nose Bit	18-114	1/2"	17
"V" Grooving Bit	20-108	1/2"	18
Dovetail Bit	22-112	1/2"	41
Cove Bit	30-114	1/2"	22
Rabbeting Bit	32-102	1/2"	42
Rounding Over Bit	34-124	1/2"	24
Roman Ogee Bit	38-106	1/2"	28
Chamfer Bit	40-114	1/2"	34
Bearing Flush Trim Bit	42-110	1/2"	11

66

# Six Piece Straight Bit Set



91-102

- Allows you to make grooves, dados or rabbets.
- Sizes range from 1/4" diameter to 1" diameter in 1/8" increments.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.

#### **Application:**

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

#### **Item Number 91-102**

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit	12-100	1/2"	5
Double Flute Straight Bit	12-106	1/2"	5
Double Flute Straight Bit	12-116	1/2"	5
Double Flute Straight Bit	12-136	1/2"	5
Double Flute Straight Bit	12-152	1/2"	5
Double Flute Straight Bit	12-172	1/2"	6

# Three Piece Cabinet Bit Sets

- Combines our most popular rail and stile bits with a 3/2" diameter traditional raised panel bit.
- Designed for use with a 1/2" shank table-mounted router with 3/4" stock.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.



97-204

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on 1/2" shank table-mounted portable routers.

Item Number 97-100			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-260	1/2"	56
2 + 2 Raised Panel Bit	99-515	1/2"	58
Item Number 97-102			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-260	1/2"	56
2 + 2 Raised Panel Bit	99-518	1/2"	58
Item Number 97-104			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-260	1/2"	56
2 + 2 Raised Panel Bit	99-520	1/2"	58
Item Number 97-200			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-261	1/2"	56
2 + 2 Raised Panel Bit	99-515	1/2"	58
Item Number 97-202			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-261	1/2"	56
2 + 2 Raised Panel Bit	99-518	1/2"	58
Item Number 97-204			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-261	1/2"	56
2 + 2 Raised Panel Bit	99-520	1/2"	58

NEW

NEW

NEW

NEW

67

# Three Piece Vertical Raised Panel Bit Sets

- Combines our most popular rail and stile bits with a vertical ogee raised panel bit.
- Designed for use with a 1/2" shank table-mounted router with 3/4" stock.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.



97-504

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on 1/2" shank table-mounted portable routers.

Item Number 97-504			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-260	1/2"	56
Vertical Raised Panel Bit	99-320	1/2"	60
Item Number 97-604			
Bit Type	Item Number	Shank Dia.	Page Number
Rail & Stile Bit Set	99-261	1/2"	56
Vertical Raised Panel Bit	99-320	1/2"	60

NEW

NEW

# Advanced Cabinet Door Set



95-200

- Create cabinet doors and drawers at a fraction of the cost of shaper heads.
- Similar to Freud's 94-100 plus a Drawer Lock Bit to produce a strong joint for cabinet drawers.
- Designed for use with a 1/2" shank table-mounted router with 3/4" stock.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on 1/2" shank table-mounted portable routers.

### Item Number 95-200

Bit Type	Item Number	Shank Dia.	Page Number
Reversible Glue Joint Bit	99-031	1/2"	47
2 + 2 Raised Panel Bit	99-510	1/2"	58
Drawer Lock Bit	99-240	1/2"	49
Rail & Stile Bit Set	99-260	1/2"	56

# Five Piece Cabinet Bit Set



68

94-100

- Produce your own cabinet doors at a fraction of the cost of shaper heads.
- Designed for use with a 1/2" shank table-mounted router with 3/4" stock.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on 1/2" shank table-mounted portable routers.

### Item Number 94-100

Bit Type	Item Number	Shank Dia.	Page Number
Door Lip Bit	99-001	1/2"	61
2 + 2 Raised Panel Bit	99-510	1/2"	58
Reversible Glue Joint Bit	99-031	1/2"	47
Rail & Stile Bit Set	99-260	1/2"	56

# Five Piece Cabinet & Moulding Bit Set



95-100

- Produce your own cabinet doors and more than 39 moulding patterns.
- Designed for use with a 1/2" shank table-mounted router with 3/4" stock.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on 1/2" shank table-mounted portable routers.

### Item Number 95-100

Bit Type	Item Number	Shank Dia.	Page Number
Reversible Glue Joint Bit	99-031	1/2"	47
2 + 2 Raised Panel Bit	99-510	1/2"	58
Multi-Profile Bit	99-PK1	1/2"	39
Rail & Stile Bit Set	99-260	1/2"	56

# Nine Piece Table Making Set

- Includes a variety of bits ideal for creating tables.
- All bits have 1/2" shanks.
- Includes attractive wooden storage box.



93-100

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 93-100

Bit Type	Item Number	Shank Dia.	Page Number
Bearing Flush Trim Bit	42-110	1/2"	11
Round Nose Bit	18-116	1/2"	17
Drawer Lock Bit	99-240	1/2"	49
Reversible Glue Joint Bit	99-031	1/2"	47
Rounding Over Bit	34-126	1/2"	24
Face Moulding Bit	99-013	1/2"	38
Table Edge Bit	99-027	1/2"	36
Double Flute Straight Bit	12-122	1/2"	5
Cove Bit	30-114	1/2"	22

# Eight Piece Bit Sets for Incra Jig®



96-100

69

- Create dovetail and box joints by combining these bit sets with your table-mounted router equipped with an Incra Jig®
- Follow the directions in the Incra Jig manual and use the correct bit number for the joint you want to create.
- Both sets produce identical profiles.
- Bits in 96-100 have 1/4" shanks, and bits in 96-102 have 1/2" shanks.
- Includes attractive wooden storage box.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on table-mounted portable routers equipped with Incra Jig.
- Can also be used with other joint making jigs or fence systems.

### Item Number 96-100

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit*	04-106	1/4"	5
Double Flute Straight Bit	04-124	1/4"	5
Dovetail Bit*	22-100	1/4"	41
Dovetail Bit	22-101	1/4"	41
Dovetail Bit	22-102	1/4"	41
Dovetail Bit	22-104	1/4"	41
Dovetail Bit	22-105	1/4"	41
Dovetail Bit	22-106	1/4"	41

### Item Number 96-102

Bit Type	Item Number	Shank Dia.	Page Number
Double Flute Straight Bit	12-100	1/2"	5
Double Flute Straight Bit	12-108	1/2"	5
Dovetail Bit*	22-107	1/2"	41
Dovetail Bit	22-108	1/2"	41
Dovetail Bit	22-110	1/2"	41
Dovetail Bit	22-112	1/2"	41
Dovetail Bit	22-113	1/2"	41
Dovetail Bit	22-114	1/2"	41

\*Solid Carbide

Incra Jig® is a Registered Trademark of Taylor Design Group



89-500

## Three Piece Cove Bit Sets

- Includes  $\frac{1}{4}$ ",  $\frac{3}{8}$ " and  $\frac{1}{2}$ " radius cove bits and attractive wooden storage box.
- Produces classical decorative edge on furniture and mouldings.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

NEW

### Item Number 89-500

Bit Type	Item Number	Shank Dia.	Page Number
Cove Bit	30-102	$\frac{1}{4}$ "	22
Cove Bit	30-104	$\frac{1}{4}$ "	22
Cove Bit	30-106	$\frac{1}{4}$ "	22

NEW

### Item Number 89-550

Bit Type	Item Number	Shank Dia.	Page Number
Cove Bit	30-110	$\frac{1}{2}$ "	22
Cove Bit	30-112	$\frac{1}{2}$ "	22
Cove Bit	30-114	$\frac{1}{2}$ "	22

## Three Piece Round Over/ Beading Bit Sets

70



89-100

- Includes three rounding over bits,  $\frac{3}{8}$ " bearing and attractive wooden storage box.
- $\frac{3}{8}$ " bearing will convert all three bits to beading bits for the ultimate in value.
- Rounding over bits soften the edges of fine furniture.
- Beading bits produce a simple, decorative edge on furniture and mouldings.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

NEW

### Item Number 89-100

Bit Type	Item Number	Shank Dia.	Page Number
Rounding Over Bit	34-108	$\frac{1}{4}$ "	24
Rounding Over Bit	34-114	$\frac{1}{4}$ "	24
Rounding Over Bit	34-116	$\frac{1}{4}$ "	24

NEW

### Item Number 89-150

Bit Type	Item Number	Shank Dia.	Page Number
Rounding Over Bit	34-120	$\frac{1}{2}$ "	24
Rounding Over Bit	34-124	$\frac{1}{2}$ "	24
Rounding Over Bit	34-126	$\frac{1}{2}$ "	24



# Five Piece Round Over/ Beading Bit Sets

- Includes five rounding over bits,  $\frac{3}{8}$ " bearing and attractive wooden storage box.
- $\frac{3}{8}$ " bearing will convert all five bits to beading bits for the ultimate in value.
- Rounding over bits soften the edges of fine furniture.
- Beading bits produce a simple, decorative edge on furniture and mouldings.



89-102

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

### Item Number 89-102

NEW

Bit Type	Item Number	Shank Dia.	Page Number
Rounding Over Bit	34-104	$\frac{1}{4}$ "	24
Rounding Over Bit	34-108	$\frac{1}{4}$ "	24
Rounding Over Bit	34-110	$\frac{1}{4}$ "	24
Rounding Over Bit	34-114	$\frac{1}{4}$ "	24
Rounding Over Bit	34-116	$\frac{1}{4}$ "	24

### Item Number 89-152

NEW

Bit Type	Item Number	Shank Dia.	Page Number
Rounding Over Bit	34-118	$\frac{1}{2}$ "	24
Rounding Over Bit	34-120	$\frac{1}{2}$ "	24
Rounding Over Bit	34-124	$\frac{1}{2}$ "	24
Rounding Over Bit	34-126	$\frac{1}{2}$ "	24
Rounding Over Bit	34-128	$\frac{1}{2}$ "	24

71

# Six Piece Slot Cutter Sets

- Includes four three-wing slot cutters ( $\frac{1}{16}$ ",  $\frac{1}{8}$ ",  $\frac{5}{32}$ " and  $\frac{1}{4}$ " kerf), a ball bearing (62-108) to provide a  $\frac{9}{16}$ " depth of cut, an arbor and an attractive wooden storage box.
- Slotting cutters produce precision slots for T mouldings, spline joints and many other applications.



89-300

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.
- 56-109 can be used for biscuit joining.

### Item Number 89-300

Bit Type	Item Number	Shank Dia.	Page Number
Three Wing Slot Cutter	56-100	$\frac{1}{4}$ "	44
Three Wing Slot Cutter	56-108	$\frac{1}{4}$ "	44
Three Wing Slot Cutter	56-109	$\frac{1}{4}$ "	44
Three Wing Slot Cutter	56-112	$\frac{1}{4}$ "	44
$\frac{1}{4}$ " Arbor	60-100		45
Ball Bearing	62-108		75

### Item Number 89-350

Bit Type	Item Number	Shank Dia.	Page Number
Three Wing Slot Cutter	56-100	$\frac{1}{2}$ "	44
Three Wing Slot Cutter	56-108	$\frac{1}{2}$ "	44
Three Wing Slot Cutter	56-109	$\frac{1}{2}$ "	44
Three Wing Slot Cutter	56-112	$\frac{1}{2}$ "	44
$\frac{1}{2}$ " Arbor	60-102		45
Ball Bearing	62-108		75

# Three Piece Chamfer Bit Set



89-250

NEW

## Item Number 89-250

Bit Type	Item Number	Shank Dia.	Page Number
Chamfer Bit	40-101	1/2"	34
Chamfer Bit	40-114	1/2"	34
Chamfer Bit	40-206	1/2"	34

- Includes 22½°, 30° and 45° chamfer bits and an attractive wooden storage box.
- Maintains crisp, geometric lines while forming a uniform bevel on the edge of the work piece.
- Adjust chamfer size by changing the height of the bit.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

# Four Piece Chamfer Bit Set



72

89-200

NEW

## Item Number 89-200

Bit Type	Item Number	Shank Dia.	Page Number
Chamfer Bit	40-100	1/4"	34
Chamfer Bit	40-102	1/4"	34
Chamfer Bit	40-106	1/4"	34
Chamfer Bit	40-202	1/4"	34

- Includes 15°, 25°, 30° and 45° chamfer bits and an attractive wooden storage box.
- All bits have 1/4" shanks.
- Create a uniform bevel on the edge of the work piece to add character while keeping crisp, geometric lines.
- Adjust chamfer size by changing the height of the bit.

### Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on hand-held and table-mounted portable routers.

# Three Piece Round Nose Bit Set

- Includes 1/4", 1/2" and 3/4" diameter round nose bits and an attractive wooden storage box.
- Ideal for producing a variety of fluted millwork styles, cutting decorative designs in cabinet doors.
- Ideal for making signs.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



89-400

## Item Number 89-400

NEW

Bit Type	Item Number	Shank Dia.	Page Number
Round Nose Bit*	18-104	1/4"	17
Round Nose Bit	18-108	1/4"	17
Round Nose Bit	18-112	1/4"	17

\*Solid carbide

# Four Piece Round Nose Bit Set

- Includes 1/4", 1/2", 3/4" and 1" diameter round nose bits and an attractive wooden storage box.
- Produces a variety of fluted millwork styles and cuts decorative designs in cabinet doors.
- Ideal for making signs.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



73

89-451

## Item Number 89-451

NEW

Bit Type	Item Number	Shank Dia.	Page Number
Round Nose Bit	18-114	1/2"	17
Round Nose Bit	18-116	1/2"	17
Round Nose Bit	18-122	1/2"	17
Round Nose Bit	18-126	1/2"	17

# Five Piece Round Nose Bit Set

- Includes 1/4", 3/8", 1/2", 5/8" and 3/4" diameter round nose bits and an attractive wooden storage box.
- Creates numerous styles of fluted millwork styles and carves decorative designs in cabinet doors.
- Ideal for making signs.

## Application:

- Cuts all composition materials, plywood, hardwood, and soft wood.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



89-402

## Item Number 89-402

NEW

Bit Type	Item Number	Shank Dia.	Page Number
Round Nose Bit*	18-104	1/4"	17
Round Nose Bit	18-106	1/4"	17
Round Nose Bit	18-108	1/4"	17
Round Nose Bit	18-110	1/4"	17
Round Nose Bit	18-112	1/4"	17

\*Solid carbide

## **Bearings & Repair Parts**

Designed to last a lifetime, you'll always be satisfied with Freud router bits. To ensure your bits endure through the years, choose from a wide selection of Freud ball bearings, repair parts and replacement parts. We're so confident in our product quality that we guarantee Freud router bits with a Limited Tooling Warranty, outlined in the back of this booklet.

# Ball Bearings

- Freud router bits feature superior quality ball bearings.
- Lubricated with a high temperature lubricant to withstand the stresses of turning at 22,000 RPMs.
- Shielded to keep out the unwanted wood dust and chips that greatly reduce bearing life.

## Application:

- Repairing Freud router bits.
- Altering the profile on a Freud bit.
- Will fit other brands of router bits.

Item Number	Inside Dia.	Bearing Dia.	Bearing Height
<b>Individual Bearings</b>			
62-100	1/8"	3/8"	5/32"
62-102	3/16"	3/8"	1/8"
62-103	1/4"	1/2"	3/16"
62-104	3/16"	1/2"	3/16"
62-105	10mm	19mm	7mm
62-106	1/4"	3/4"	9/32"
62-107	5/16"	7/8"	9/32"
62-108	8mm	22mm	7mm
62-112	1/4"	5/8"	3/16"
62-113	3/16"	5/8"	3/16"
62-114	1/2"	1 1/8"	5/16"
62-116	1/2"	1 3/8"	7/16"
62-150	3/16"	3/4"	5/16"
<b>Sleeved Specialty Bearings</b>			
62-110	3/16"	3/4"	1/4"
62-124	5/16"	26mm	7mm
62-128	5/16"	30mm	7mm
62-136	17mm	2	10mm
62-139	1/2"	1 1/2"	5/16"
<b>Packages of Bearings</b>			
62-XXX	Assorted Ball Bearing Set Contains 1 each of: 62-100, 62-102, 62-104, & 62-108		
62-500	Upgrade Set 32-502 – 32-504/524 Contains 1 each of: 62-107, 62-114, 62-116		

NEW

75

# Repair Parts

- Freud offers superior quality replacement parts for all Freud bits.
- These parts can be used to replace lost fasteners or to return a bit to its original condition.

## Application:

- Repairing or rebuilding Freud router bits.

Item Number	Description	Outside Dia.	Height	Wrench Size	Inside Dia.
62-303	Cap Screw	3mm	6mm	2.5mm	—
62-304	Long Cap Screw	3mm	12mm	2.5mm	—
62-305	Hex Nut	5/16"-24UNF	17/64	1/2	—
62-306	Medium Cap Screw	3mm	8mm	2.5mm	—
62-307	Washer	—	—	—	3mm
62-309	Washer	—	—	—	5/16
62-311	Washer	—	—	—	3/8
62-313	Washer	—	—	—	1/2
62-321	Flange Bushing	1/4	3/16	—	3/16
62-323	Flange Bushing	5/16	1/8	—	3/16
62-325	Flange Bushing	1/2	1/8	—	3/16
62-331	Lock Collar	15/32	5/32	—	1/4
62-402	Wrench	—	—	2.5mm	—

NEW

NEW

# Ball Bearings Reference Guide

Item Number	Bearing Number	Item Number	Bearing Number	Item Number	Bearing Number
16-500	62-103	34-114	62-104	38-262	62-102
16-502	62-112	34-116	62-104	38-270	62-104
16-504	62-105	34-117	62-104	38-280	62-104
16-510	62-105	34-118	62-104	38-282	62-104
16-522	62-142	34-119	62-104	38-302	62-102
16-523	62-142	34-120	62-104	38-304	62-102
16-524	62-142	34-122	62-104	38-312	62-102
18-508	62-103	34-124	62-104	38-314	62-102
18-510	62-112	34-126	62-104	38-352	62-104
18-512	62-106	34-127	62-104	38-362	62-104
19-506	62-106	34-128	62-104	38-402	62-104
19-578	62-114	34-130	62-104	38-452	62-102
20-574	62-114	34-132	62-104	38-502	62-104
20-502	62-103	34-134	62-104	38-504	62-104
22-505	62-112	34-136	62-104	38-522	62-102
22-506	62-105	34-138	62-104	38-524	62-104
22-507	62-105	34-140	62-104	38-602	62-102
30-094	62-102	36-100	62-102	38-612	62-104
30-098	62-102	36-104	62-102	38-614	62-104
30-100	62-102	36-106	62-102	38-622	62-102
30-102	62-102	36-108	62-102	38-632	62-102
30-103	62-104	36-110	62-102	39-502	62-105
30-104	62-104	36-112	62-102	39-504	62-130
30-106	64-102	36-114	62-102	39-506	62-132
30-107	62-104	36-116	62-102	39-512	62-105
30-108	62-104	36-117	62-102	39-514	62-130
30-109	62-104	36-118	62-102	39-516	62-132
30-110	62-104	36-119	62-102	39-522	62-105
30-111	62-104	36-120	62-102	39-524	62-130
30-112	62-104	36-122	62-102	39-526	62-132
30-114	62-102	36-124	62-102	39-532	62-105
30-202	62-104	36-126	62-102	39-534	62-130
32-096	62-104	36-127	62-102	39-536	62-132
32-098	62-104	36-128	62-102	39-578	62-140
32-100	62-104	36-130	62-102	39-580	62-139
32-101	62-102	36-132	62-102	40-094	62-104
32-102	62-104	36-134	62-102	40-098	62-104
32-106	62-102	36-136	62-102	40-100	62-104
32-110	62-102	36-138	62-102	40-101	62-104
32-502	62-502	36-140	62-102	40-102	62-104
32-504	62-504	38-100	62-102	40-104	62-104
32-522	62-502	38-102	62-102	40-106	62-104
32-524	62-504	38-104	62-102	40-114	62-104
33-106	62-104	38-106	62-102	40-118	62-104
33-116	62-104	38-152	62-104	40-202	62-104
34-100	62-104	38-154	62-104	40-206	62-104
34-104	62-104	38-202	62-102	41-102	62-104
34-106	62-104	38-204	62-102	41-104	62-104
34-108	62-104	38-250	62-102	41-106	62-104
34-110	62-104	38-252	62-102	41-108	62-102
34-112	62-104	38-260	62-102	41-110	62-104

# Ball Bearings Reference Guide

Item Number	Bearing Number	Item Number	Bearing Number	Item Number	Bearing Number
41-402	62-112	63-160	62-108	99-015	62-104
42-080	62-108	63-161	62-108	99-016	62-104
42-090	62-106	63-162	62-108	99-020	62-104
42-100	62-102	80-102	62-104	99-021	62-104
42-102	62-102	80-104	62-104	99-022	64-104
42-104	62-104	80-106	62-104	99-023	62-108
42-106	62-104	80-108	62-104	99-024	62-108
42-108	62-104	80-122	62-104	99-025	62-108
42-109	62-104	80-124	62-104	99-027	62-104
42-110	62-104	80-126	62-104	99-028	62-114
42-114	62-104	80-128	62-104	99-029	62-108
42-116	62-104	80-130	62-104	99-030	62-108
42-118	62-106	80-552	62-112	99-035	62-108
43-106	62-106	80-558	62-106	99-039	62-116
43-108	62-106	80-564	62-106	99-041	62-108
43-128	62-106	80-572	62-112	99-041	62-124
43-204	62-106	80-578	62-106	99-041	62-128
43-208	62-106	80-584	62-106	99-044	62-104
43-212	62-106	82-510	62-112	99-051	62-108
43-216	62-106	82-512	62-112	99-060	62-104
44-100	62-104	82-514	62-106	99-061	62-104
44-102	62-104	82-515	62-106	99-062	62-104
44-104	62-104	84-106	62-112	99-066	62-104
44-108	62-104	84-126	62-112	99-250	62-108
45-502	62-132	85-001	62-110	99-251	62-108
45-522	62-132	85-003	62-110	99-253	62-108
48-102	62-104	85-005	62-110	99-260	62-108
48-112	62-104	85-007	62-110	99-261	62-108
50-101	62-103	85-009	62-110	99-263	62-108
50-102	62-103	85-011	62-106	99-442	62-112
50-103	62-112	85-013	62-106	99-444	62-112
50-104	62-112	85-015	62-106	99-446	62-104
50-106	62-106	85-017	62-112	99-450	62-104
50-122	62-114	85-019	62-104	99-452	62-104
50-126	62-110	85-021	62-106	99-510	62-104
50-130	62-139	85-023	62-112	99-511	62-104
50-138	62-136	85-025	62-104	99-512	62-104
60-120	62-108	85-027	62-106	99-513	62-104
60-122	62-108	85-029	62-112	99-515	62-104
63-100	62-108	85-031	62-104	99-516	62-104
63-104	62-108	99-002	62-104	99-518	62-104
63-108	62-108	99-003	62-102	99-519	62-104
63-109	62-108	99-005	62-104	99-520	62-104
63-110	62-108	99-006	62-104	99-521	62-104
63-111	62-108	99-008	62-104	99-522	62-104
63-112	62-108	99-009	62-102	99-523	62-104
63-150	62-108	99-010	62-104	99-PKJ	62-104
63-154	62-108	99-011	62-104	99-PK1	62-104
63-156	62-108	99-012	62-104		
63-158	62-108	99-013	62-104		
63-159	62-108	99-014	62-104		

## Freud Routers

Freud power tools are known for offering superior features at an attractive price.

*American Woodworker* magazine awarded the prestigious “Best Buy” seal to four Freud tools, including the FT2000E Variable Speed Plunge Router. If you’re also looking for a laminate trimmer, choose the FT1000EK since it performs both as a trimmer and a plunge router.



# FT2000E 3¼ hp Variable Speed

## Plunge Router



- Electronic variable speed control maintains constant speed and power under load for the best cuts in every application.
- Electronic soft-start offers better control from start to finish.
- Large Micro-adjustment knob simplifies precision bit settings—even when mounted under a router table.



- Powerful 15 Amp Motor
- ½" Collet with ¼" Reducer
- Dust Collection Port
- 13 lbs.

79

# FT1000EK 1¾ hp Laminate

## Trimmer/Plunge Router

- Electronic variable speed with soft-start provides excellent control and power.
- Includes plunge base for router use and laminate trimmer base and angle base for laminate fabrication.
- Plunge base comes with an edge guide and chip guard and accepts template guides for true plunge router performance.



- Powerful 7.5 Amp Motor
- Includes Carrying Case
- Dust Collection Port
- ¼" Collet
- 4.4 lbs.

Item	Page	Item	Page
03 Series.....	7	34-124 .....	24
04 Series .....	5-6	34-126 .....	24
05 Series.....	7	34-127 .....	24
08 Series.....	5	34-128 .....	24
11 Series.....	7	34-130 .....	24
12 Series .....	5-6	34-132 .....	24
14 Series.....	9	34-134 .....	24
16 Series.....	10	34-136 .....	24
18 Series.....	17	34-138 .....	24
19 Series.....	17	34-140 .....	24
20-100 .....	18	34-208 .....	26
20-102 .....	18	34-210 .....	26
20-104 .....	18	34-214 .....	26
20-106 .....	18	36 Series.....	25, 26
20-107 .....	18	38-100 .....	28
20-108 .....	18	38-102 .....	28
20-109 .....	18	38-104 .....	28
20-110 .....	18	38-106 .....	28
20-112 .....	18	38-152 .....	28
20-116 .....	18	38-154 .....	28
20-120 .....	18	38-202 .....	28
20-152 .....	18	38-204 .....	28
20-154 .....	18	38-250 .....	23
20-172 .....	23	38-252 .....	23
20-174 .....	23	38-260 .....	23
20-502 .....	18	38-262 .....	23
20-574 .....	23	38-270 .....	22
22 Series.....	41	38-280 .....	22
24-106 .....	41	38-282 .....	22
26-100 .....	10	38-302 .....	29
26-104 .....	10	38-304 .....	29
28-100 .....	10	38-312 .....	29
28-104 .....	10	38-314 .....	29
30 Series.....	22, 23	38-352 .....	30
32 Series.....	42	38-362 .....	30
33-106 .....	24	38-402 .....	29
33-116 .....	24	38-452 .....	29
34-100 .....	24	38-502 .....	30
34-104 .....	24	38-504 .....	30
34-106 .....	24	38-522 .....	30
34-108 .....	24	38-524 .....	30
34-110 .....	24	38-602 .....	31
34-112 .....	24	38-612 .....	31
34-114 .....	24	38-614 .....	31
34-116 .....	24	38-622 .....	31
34-117 .....	24	38-632 .....	31
34-118 .....	24	39-100 .....	18
34-119 .....	24	39-102 .....	18
34-120 .....	24	39-152 .....	19
34-122 .....	24	39-154 .....	19

# Index

Item	Page
39-202	19
39-204	19
39-205	19
39-206	19
39-208	19
39-210	19
39-226	19
39-228	19
39-230	19
39-232	19
39-234	19
39-236	19
39-252	19
39-302	19
39-304	19
39-306	19
39-502	20
39-504	20
39-506	20
39-512	20
39-514	20
39-516	20
39-522	21
39-524	21
39-526	21
39-532	21
39-534	21
39-536	21
39-578	19
39-580	19
40 Series	34
41-102	12
41-104	12
41-106	12
41-108	12
41-110	12
41-402	13
42 Series	11
43 Series	14
44 Series	11
45-502	13
45-522	13
48-102	15
48-112	15
50 Series	11
52-104	48
52-108	48
52-154	46
52-522	22
52-524	22

Item	Page
54-560	59
54-562	59
56 Series	44
58 Series	44
60 Series	45
61-102	43
62 Series	75
63 Series	45
64-100	12
66-100	12
68-100	13
70-100	10
70-102	18
70-104	21
75 Series	7
76 Series	8
77-106	8
77-108	8
77-109	8
77-206	9
77-208	9
77-209	9
78-116	9
78-136	9
80-102	34
80-104	34
80-106	34
80-108	34
80-122	34
80-124	34
80-126	34
80-128	34
80-130	34
80-552	33
80-572	33
80-558	32
80-564	32
80-578	32
80-584	32
82 Series	27
84-106	33
84-126	33
85 Series	51-53
88-100	63
88-104	63
89-100	70
89-102	71
89-150	70
89-152	71
89-200	72

Item	Page	Item	Page
89-250	71	99-023	33
89-300	72	99-024	33
89-350	72	99-025	33
89-400	73	99-026	17
89-402	73	99-027	36
89-451	73	99-028	27
89-500	70	99-029	32
89-550	70	99-030	32
90-100	65	99-031	47
90-106	64	99-032	47
91-100	66	99-033	47
91-102	68	99-034	46
91-104	65	99-035	46
92-100	64	99-036	47
93-100	69	99-037	48
94-100	68	99-038	49
95-100	68	99-039	48
95-200	66	99-041	46
96-100	69	99-044	26
96-102	69	99-050	55
97-100	67	99-051	55
97-102	67	99-060	56
97-104	67	99-061	56
97-200	67	99-062	56
97-202	67	99-065	61
97-204	67	99-066	61
97-504	67	99-191	49
97-604	67	99-214	55
99-001	61	99-240	49
99-002	60	99-260	56
99-003	29	99-261	56
99-004	20	99-263	56
99-005	29	99-270	55
99-006	28	99-280	57
99-007	60	99-281	57
99-008	35	99-283	57
99-009	29	99-290	57
99-010	35	99-291	57
99-011	34	99-293	57
99-012	38	99-315	60
99-013	38	99-318	60
99-014	38	99-320	60
99-015	38	99-322	60
99-016	38	99-402	37
99-017	46	99-404	37
99-018	46	99-406	37
99-019	25	99-408	37
99-020	33	99-410	37
99-021	33	99-442	36
99-022	33	99-444	36

# Index

Item	Page
99-446	36
99-450	36
99-452	36
99-510	58
99-511	58
99-512	58
99-513	58
99-515	58
99-516	58
99-518	58
99-519	58
99-520	58
99-521	58
99-522	58
99-523	58
99-562	59
99-566	59
99-569	59
99-PKJ	39
99-PK1	39
99-PK2	39
99-PK3	39
99-PK7	39

Adjustable Tongue & Groove Bit Set	47
Beading Bits	25
Beading Bits, Corner	33
Beading Bits, Traditional	34
Beading Bits, Triple	32
Beading Bits with Steel Pilots	26
Beading Groove Bits, Classical	19
Bearing Flush Trim Bits	11
Bearings, Replacement	75
Bearings, Reference Guide	76-77
Bevel Bowl Bit	51
Bevel Trim Bits	12
Biscuit Joining Set	46
Bold Classical Bit	35
Butterfly Spline Bit	41
Canoe Joint Bits	46
Chamfer Bits	34
Classical Beading Groove Bits	19
Classical Bold Cove & Bead Bits	30
Classical Bold Cove & Round Bits	30
Classical Cove Bits	23

Item	Page
Classical Cove & Bead Bits	30
Classical Cove & Round Bits	30
Classical Roman Ogee Bits	29
Combination Rounding Over Bit	26
Compression, Diamond	9
Compression, Double	9
Compression, Single	8
Convex Edge Bit	25
Corner Beading Bits	33
Cove Bits	22
Cove Bits, Classical	23
Cove Bits with Steel Pilots	23
Cove & Bead Bits	29
Cove & Bead Bits, Classical	30
Cove & Bead Groove Bits	18
Cove & Fillet Bits	22
Crown Moulding Bits	37
Diamond Compression Bits	9
Dish Carving Bits	17
Divided Lite Cabinet Door Bit Set	55
Door Lip Bits	60-61
Door Pull Bit	60
Double Compression Bits	9
Double Fillet Ogee Bit	29
Double Flute Straight Bits	5-6
Dovetail Bits	41
Down Spiral Router Bits	8
Drawer Front Bit	61
Drawer Lock Bit	49
Drop-Leaf Table Bit Sets	24
Face Moulding Bits	38
Finger Joint Bit	48
Finger Joint Bit, Variable Height	48
Finger Pull Door Lip Bit	61
Flush & Bevel Trim Bits	13
Flush Trim Bit, Bearing	11
Flush Trim Bit, Solid Carbide	12
Flush Trim Bit, Top Bearing	11
Flush Trim "V" Groove Bits	15
Flute Bits	32
Four Wing Slotting Cutters	44
French Provincial Raised Panel Bit	55
FT1000EK 1¾hp Laminate Trimmer/Plunge Router	79
FT2000E 3¼hp Variable Speed Plunge Router	79

Item	Page
Half Round Bits . . . . .	27
Half Round Bits with Bearings . . . . .	27
Handrail Bits . . . . .	36
Inlay Bits . . . . .	52
Insert Bevel Trim Bits . . . . .	14
Insert Flush Trim Bits . . . . .	14
Key Hole Bit . . . . .	21
Laminate Miter Joint Bits . . . . .	13
Lettering Bits . . . . .	23
Lock Miter Bits . . . . .	46
Matched Rail & Stile Bit Sets . . . . .	56
Mortising Bits . . . . .	10
Multi-Profile Bits . . . . .	39
No Drip Edge Bits . . . . .	52
Ogee Bits . . . . .	28
Ogee Bits, Classical Roman . . . . .	29
Ogee Bit, Double Fillet . . . . .	29
Ogee Bits, Roman . . . . .	28
Ogee Bowl Bits . . . . .	51
Ogee Fillet Bits . . . . .	28
Ogee Groove Bits . . . . .	19
Ogee Groove Bit, Standard . . . . .	20
One-Piece Rail & Stile Bits . . . . .	57
Ovolo Bits . . . . .	19
Panel Pilot Bits . . . . .	10
Rabbeting Bits . . . . .	42
Rabbeting Bits with Bearing Set . . . . .	42
Rail & Stile Matched Bit Sets . . . . .	56
Rail & Stile Bits, One-Piece . . . . .	57
Rail & Stile Profile Bits . . . . .	56
Raised Panel Bit, French Provincial . . . . .	55
Raised Panel Bits, 2+2 . . . . .	58-59
Raised Panel Bits, 2+2 with Backcutters . . . . .	59
Raised Panel Bits, Vertical . . . . .	60
Raised Panel "V" Joint Bit . . . . .	49
Recoverable Bead Glass Door Bits Sets . . . . .	57
Repair Parts . . . . .	75
Replacement Bearings . . . . .	75
Reversible Glue Joint Bit . . . . .	47
Roman Ogee Bits . . . . .	28
Round Nose Bits . . . . .	17

Item	Page
Rounding Over Bits . . . . .	24
Rounding Over Bit, Combination . . . . .	26
Rounding Over Bits with Steel Pilots . . . . .	26
Rounding Over Bowl Bits . . . . .	51
Router Bit Sets . . . . .	62-73
Single Compression Bits . . . . .	8
Single Flute Straight Bits . . . . .	7
Slotting Cutter Arbors . . . . .	44
Slotting Cutter Sets . . . . .	45
Stacked Slotting Set . . . . .	43
Stagger Bits . . . . .	9
Standard Ogee Groove Bit . . . . .	20
T-Slotting Cutters . . . . .	22
Table Edge & Handrail Bits . . . . .	36
Table Top Classical Bold Bit . . . . .	34
Table Top Classical Bit . . . . .	35
Three Wing Slotting Cutters . . . . .	44
Top Bearing Classical Cove & Bead Groove Bits . . . . .	20
Top Bearing Cove & Bead Groove Bits . . . . .	21
Top Bearing Double Cove Groove Bits . . . . .	20
Top Bearing Fillet Ogee Groove Bits . . . . .	21
Tongue & Groove Bit Set, Adjustable . . . . .	47
Top Bearing Flush Trim Bits . . . . .	11
Traditional Beading Bits . . . . .	34
Triple Beading Bits . . . . .	32
Triple Beading & Triple Fluting Bits . . . . .	33
2+2 Raised Panel Bits . . . . .	58-59
2+2 Raised Panel Bits with Backcutters . . . . .	59
Up Spiral Router Bits . . . . .	7
"V" Grooving Bits . . . . .	18
"V" Groove, Flush Trim Bits . . . . .	15
"V" Panel Bit Set . . . . .	49
"V" Veining Bits . . . . .	18
Variable Height Finger Joint Bit . . . . .	48
Variable Corner Round Bit . . . . .	27
Vertical Raised Panel Bits . . . . .	60
Wavy Joint Bit . . . . .	53
Wedge & Tongue Bits . . . . .	47
Window Sash & Rail Bits . . . . .	55

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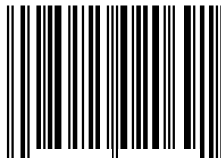
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