

New Shadow Box

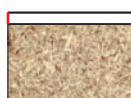
88-104



Five Piece Introductory Bit Set

Application: Fundamental bit set for novice woodworkers

- This four-piece set transforms to five pieces by using a bearing to convert the beading bit into a rounding over bit.
- Includes a flush trim, straight, Roman ogee and beading bit.
- All bits have 1/4" shanks.
- Includes attractive wooden storage box and extra bearing.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



42-104



04-108



38-100



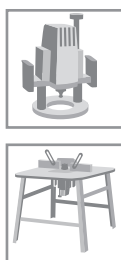
36-114



34-114*

Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Large Radius	Shank Dia.	Overall Length
Item Number 88-104								
Bearing Flush Trim Bit	42-104	1/2"	1/2"	1"	2	–	1/4"	2-13/16"
Double Flute Straight Bit	04-108	1/4"	–	1"	2	–	1/4"	2-1/2"
Roman Ogee Bit	38-100	1-1/16"	3/8"	1/2"	–	5/32"	1/4"	2-3/16"
Beading Bit	36-114	1-1/4"	3/8"	5/8"	–	3/8"	1/4"	2-3/16"
Rounding Over Bit*	34-114	1-1/4"	3/8"	5/8"	–	3/8"	1/4"	2-3/16"

* Use included bearing #62-104 to convert 36-114 Beading Bit into 34-114 Rounding Over Bit.



New Shadow Box

91-103



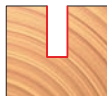
Five Piece Introductory Bit Set

Application: Fundamental bit set for novice woodworkers

- Freud's new Five Piece Introductory Set provides an economical yet very useful introduction to the wide world of possibilities offered by your 1/2" collet router.
- Includes a flush trim, straight, Roman ogee, and rounding over bit.
- All bits have 1/2" shanks.
- Set comes in Freud's unique shadow box case, this set hangs on the wall or mounts on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



42-110



12-100



38-104



34-124



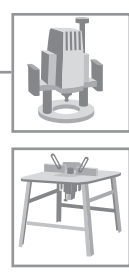
36-124*

Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Large Radius	Shank Dia.	Overall Length
Item Number 91-103								
Bearing Flush Trim Bit	42-110	1/2"	1/2"	1"	2	–	1/2"	3-1/4"
Double Flute Straight Bit	12-100	1/4"	–	3/4"	2	–	1/2"	2-3/8"
Roman Ogee Bit	38-104	1-1/16"	3/8"	1/2"	–	5/32"	1/2"	2-3/8"
Rounding Over Bit	34-124	1-1/4"	1/2"	5/8"	–	3/8"	1/2"	2-5/8"
*Beading Bit	36-124	1-1/4"	3/8"	5/8"	–	3/8"	1/2"	2-5/8"

* Use included bearing #62-104 to convert 34-124 Beading Bit into 36-124 Rounding Over Bit.



Nine Piece Basic Bit Set

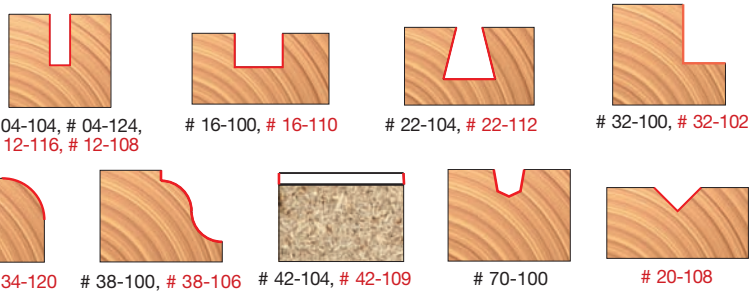


Application: Ideal starter set for the beginning woodworker

- Includes a variety of bits that allow you to experience several router functions.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



91-108



04-104, # 04-124, # 12-116, # 12-108
 # 16-100, # 16-110
 # 22-104, # 22-112
 # 32-100, # 32-102
 # 34-110, # 34-120
 # 38-100, # 38-106
 # 42-104, # 42-109
 # 70-100
 # 20-108

Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number 88-100 (9 pc. 1/4" Shank Set)									
Double Flute Straight Bit*	04-104	1/4"	-	1/2"	-	-	-	1/4"	2"
Double Flute Straight Bit	04-124	3/8"	-	1"	-	-	-	1/4"	2-1/2"
Mortising Bit	16-100	1/2"	-	1/2"	-	-	-	1/4"	2"
Dovetail Bit	22-104	1/2"	-	1/2"	-	14°	-	1/4"	1-7/8"
Rabbeting Bit	32-100	1-1/4"	1/2"	1/2"	-	-	-	1/4"	2"
Rounding Over Bit	34-110	1"	1/2"	1/2"	-	-	1/4"	1/4"	2-3/16"
Roman Ogee Bit	38-100	1-1/16"	3/8"	1/2"	-	-	5/32"	1/4"	2-3/16"
Bearing Flush Trim Bit	42-102	3/8"	3/8"	1/2"	2	-	-	1/4"	2-5/16"
Panel Pilot Bit*	70-100	1/4"	-	1/4"	1	-	-	1/4"	1-5/8"
NEW Item Number 91-108 (9 pc. 1/2" Shank Set)									
Double Flute Straight Bit	12-116	1/2"	-	1"	-	-	-	1/2"	2-5/8"
Double Flute Straight Bit	12-108	3/8"	-	1"	-	-	-	1/2"	2-5/8"
Mortising Bit	16-110	1/2"	-	1/2"	-	-	-	1/2"	2-3/8"
Dovetail Bit	22-112	1/2"	-	1/2"	-	14°	-	1/2"	2-1/4"
Rabbeting Bit	32-102	1-1/4"	1/2"	1/2"	-	-	-	1/2"	2-1/4"
Rounding Over Bit	34-120	1"	1/2"	1/2"	-	-	1/4"	1/2"	2-1/2"
Roman Ogee Bit	38-106	1-3/8"	3/8"	1/2"	-	-	5/32"	1/2"	2-3/8"
Bearing Flush Trim Bit	42-109	1/2"	1/2"	1/2"	2	-	-	1/2"	2-7/8"
"V" Grooving Bit	20-108	3/4"	-	1/2"	-	90°	-	1/2"	2-1/4"

* Solid Carbide

Five Piece Up Spiral Bit Set



Application: Quickly create grooves, mortises, and dados with chip removal

- Use the Up Spiral Bit Set for mortises, dado cuts, and deep blind holes where chips must be pulled out of the cut, and where speed of cut is the primary consideration.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.



75-101, # 75-102
 # 75-104, # 75-106
 # 75-108

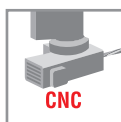
Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
NEW Item Number 90-150					
Up Spiral Bit*	75-101	3/16"	3/4"	1/4"	2"
Up Spiral Bit*	75-102	1/4"	1"	1/4"	2-1/2"
Up Spiral Bit*	75-104	5/16"	1"	1/2"	3"
Up Spiral Bit*	75-106	3/8"	1-1/4"	1/2"	3"
Up Spiral Bit*	75-108	1/2"	1-1/4"	1/2"	3"

* Solid Carbide

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile





New Shadow Box

90-160



76-101, # 76-102
76-104, # 76-106
76-108

NEW

5 Piece Down Spiral Bit Set

Application: Create chip-free top surface mortises and dadoes

- The Down Spiral Bit Set is the ideal choice for grooves and dadoes in delicate materials, or any application where chip removal is not a concern.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
Item Number 90-160					
Down Spiral Bit*	76-101	3/16"	3/4"	1/4"	2"
Down Spiral Bit*	76-102	1/4"	1"	1/4"	2-1/2"
Down Spiral Bit*	76-104	5/16"	1"	1/2"	2-1/2"
Down Spiral Bit*	76-106	3/8"	1-1/4"	1/2"	3"
Down Spiral Bit*	76-108	1/2"	1-1/4"	1/2"	3"

* Solid Carbide



New Shadow Box

89-650



16-103, # 16-069
16-098, # 04-111
16-094, # 16-107
16-109, # 16-116

NEW

Four Piece Undersized Plywood Bit Set

Application: Creates perfectly fitted grooves and dadoes

- Designed to cut today's undersized plywood; ideal for 1/4" to 3/4" plywood.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.

Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
Item Number 90-106 (4 pc. 1/4" Shank Set)					
Double Flute Straight Bit*	04-111	7/32"	3/4"	1/4"	2"
Mortising Bit	16-103	23/32"	1/2"	1/4"	1-3/4"
Mortising Bit	16-096	11/32"	1/2"	1/4"	2"
Mortising Bit	16-098	15/32"	1/2"	1/4"	2"
Item Number 89-650 (4 pc. 1/2" Shank Set)					
Down Shear Mortising Bit	16-094	7/32"	1/2"	1/2"	2-1/4"
Down Shear Mortising Bit	16-107	11/32"	1/2"	1/2"	2-1/4"
Down Shear Mortising Bit	16-109	15/32"	1/2"	1/2"	2-1/4"
Mortising Bit	16-116	23/32"	3/8"	1/2"	2-1/8"

* Solid Carbide



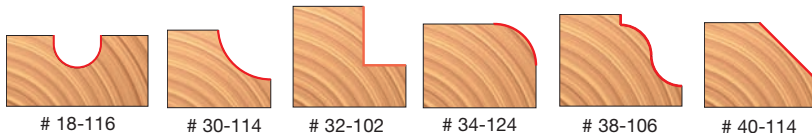
New Shadow Box

91-104

Six Piece Starter Bit Set

Application: Includes a variety of profiles ideal for the beginning woodworker

- Enables a novice woodworker to be very creative with a minimum investment.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Large Radius	Shank Dia.	Overall Length
Item Number 91-104 (6 pc. 1/2" Shank Set)								
Round Nose Bit	18-116	1/2"	-	1-1/8"	-	1/4"	1/2"	2-13/16"
Cove Bit	30-114	1-1/2"	1/2"	5/8"	-	1/2"	1/2"	2-1/2"
Rabbeting Bit	32-102	1-1/4"	1/2"	1/2"	-	-	1/2"	2-1/4"
Rounding Over Bit	34-124	1-1/4"	1-1/2"	5/8"	-	3/8"	1/2"	2-5/8"
Roman Ogee Bit	38-106	1-3/8"	3/8"	23/32"	-	1/4"	1/2"	2-9/16"
Chamfer Bit	40-114	1-3/4"	1/2"	5/8"	45°	-	1/2"	2-9/16"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank





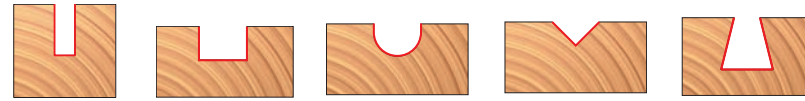
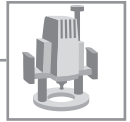
#90-100



15 Piece Advanced Bit Set

Application: Offers a variety of useful bits, from "V" grooving and flush trimming to chamfering and dovetailing

- All bits have 1/4" shanks.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywood, hardwood, and softwood.
- Use on hand-held and table-mounted portable routers.



04-106
04-140

16-100

18-104

20-104

22-104



26-100

30-106

32-100

34-114

38-100



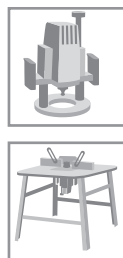
40-106

42-104, # 64-100

66-100

Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number 90-100									
Double Flute Straight Bit*	04-106	1/4"	-	3/4"	-	-	-	1/4"	2-1/4"
Double Flute Straight Bit	04-140	3/4"	-	3/4"	-	-	-	1/4"	2-1/8"
Mortising Bit	16-100	1/2"	-	1/2"	-	-	-	1/4"	2"
Round Nose Bit*	18-104	1/4"	-	3/8"	-	-	1/8"	1/4"	2"
"V" Grooving Bit	20-104	1/2"	-	7/16"	-	90°	-	1/4"	1-3/4"
Dovetail Bit	22-104	1/2"	-	1/2"	-	14°	-	1/4"	1-7/8"
Panel Pilot Bit	26-100	1/4"	-	3/4"	1	-	-	1/4"	2-1/4"
Cove Bit	30-106	1-3/8"	3/8"	5/8"	-	-	1/2"	1/4"	2-3/16"
Rabbeting Bit	32-100	1-1/4"	1/2"	1/2"	-	-	-	1/4"	2"
Rounding Over Bit	34-114	1-1/4"	1/2"	5/8"	-	-	3/8"	1/4"	2-3/16"
Roman Ogee Bit	38-100	1-1/16"	3/8"	1/2"	-	-	5/32"	1/4"	2-3/16"
Chamfer Bit	40-106	1-3/4"	1/2"	5/8"	-	45°	-	1/4"	2-3/16"
Bearing Flush Trim Bit	42-106	1/2"	1/2"	1/2"	2	-	-	1/4"	2-1/8"
Flush Trim Bit*	64-100	1/4"	-	3/8"	-	-	-	1/4"	1-1/2"
Bevel Trim Bit*	66-100	1/4"	3/16"	1/4"	-	7°	-	1/4"	1-1/2"

* Solid Carbide



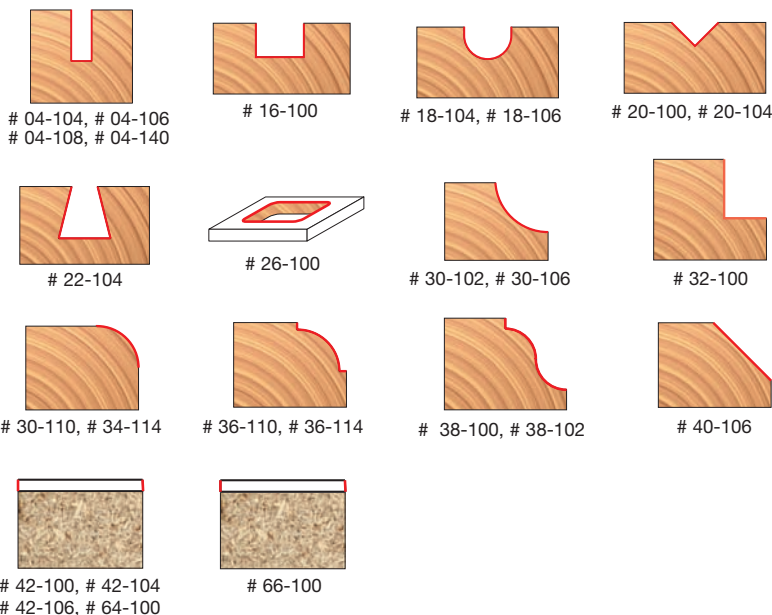
New Shadow Box



26 Piece Artisan Bit Set

Application: The best set for the professional and serious woodworker

- Offers the craftsman a wide range of bits, including: "V" grooving, rounding over, Roman ogee, flush trim, chamfer and many other popular profiles.
- All bits have 1/4" shanks.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number 92-100									
Double Flute Straight Bit*	04-100	1/8"	-	3/8"	-	-	-	1/4"	1-3/4"
Double Flute Straight Bit*	04-106	1/4"	-	3/4"	-	-	-	1/4"	2-1/4"
Double Flute Straight Bit*	04-108	1/4"	-	1"	-	-	-	1/4"	2-1/2"
Double Flute Straight Bit	04-140	3/4"	-	3/4"	-	-	-	1/4"	2-1/8"
Mortising Bit	16-100	1/2"	-	1/2"	-	-	-	1/4"	2"
Round Nose Bit*	18-104	1/4"	-	3/8"	-	-	1/8"	1/4"	2"
Round Nose Bit	18-106	3/8"	-	3/8"	-	-	3/16"	1/4"	1-13/16"
"V" Grooving Bit*	20-100	1/4"	-	1/4"	-	90°	-	1/4"	1-1/2"
"V" Grooving Bit	20-104	1/2"	-	7/16"	-	90°	-	1/4"	1-3/4"
Dovetail Bit	22-104	1/2"	-	1/2"	-	14°	-	1/4"	1-7/8"
Panel Pilot Bit*	26-100	1/4"	-	3/4"	1	-	-	1/4"	2-1/4"
Cove Bit	30-102	7/8"	3/8"	1/2"	-	-	1/4"	1/4"	2-3/16"
Cove Bit	30-106	1-1/2"	1/2"	5/8"	-	-	1/2"	1/4"	2-3/16"
Rabbeting Bit	32-100	1-1/4"	1/2"	1/2"	-	-	-	1/4"	2"
Rounding Over Bit	34-110	1"	1/2"	1/2"	-	-	1/4"	1/4"	2-3/16"
Rounding Over Bit	34-114	1-1/4"	1/2"	1/4"	-	-	3/8"	1/4"	2-3/16"
Beading Bit	36-110	1"	3/8"	1/2"	-	-	1/4"	1/4"	2-3/16"
Beading Bit	36-114	1-1/4"	3/8"	5/8"	-	-	3/8"	1/4"	2-3/16"
Roman Ogee Bit	38-100	1-1/16"	3/8"	1/2"	-	-	5/32"	1/4"	2-3/16"
Roman Ogee Bit	38-102	1-3/8"	3/8"	23/32"	-	-	1/4"	1/4"	2-3/8"
Chamfer Bit	40-106	1-3/4"	1/2"	1/4"	-	45°	-	1/4"	2-3/16"
Bearing Flush Trim Bit	42-100	3/8"	3/8"	1"	2	-	-	1/4"	2-13/16"
Bearing Flush Trim Bit	42-104	1/2"	1/2"	1"	2	-	-	1/4"	2-13/16"
Bearing Flush Trim Bit	42-106	1/2"	1/2"	1/2"	2	-	-	1/4"	2-1/8"
Flush Trim Bit*	64-100	1/4"	-	3/8"	-	-	-	1/4"	1-1/2"
Bevel Trim Bit*	66-100	1/4"	3/16"	1/4"	-	7°	-	1/4"	1-1/2"

* Solid Carbide

See individual bit for scale profile

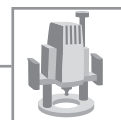
Red Item Numbers Indicate 1/2" Shank



13 Piece Super Bit Set

Application: Offers a mix of woodworkers' favorite bits, including "V" grooving, flush trimming, chamfering and dovetailing

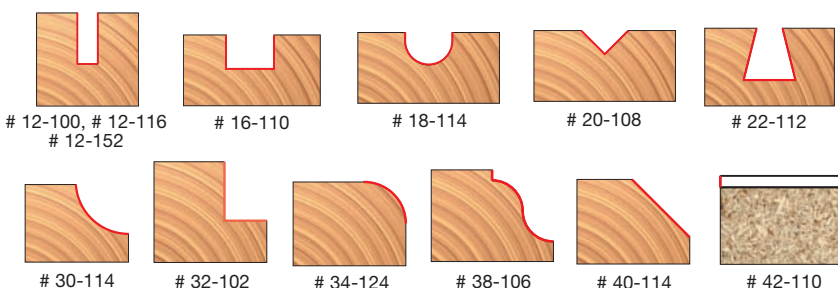
- All bits have 1/2" shanks.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



New Shadow Box



91-100



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number 91-100									
Double Flute Straight Bit	12-100	1/4"	-	3/4"	-	-	-	1/2"	2-3/8"
Double Flute Straight Bit	12-116	1/2"	-	1"	-	-	-	1/2"	2-5/8"
Double Flute Straight Bit	12-152	3/4"	-	1"	-	-	-	1/2"	2-1/2"
Mortising Bit	16-110	1/2"	-	1/2"	-	-	-	1/2"	2-3/8"
Round Nose Bit	18-114	1/4"	-	3/8"	-	-	1/8"	1/2"	2-1/4"
"V" Grooving Bit	20-108	3/4"	-	1/2"	-	90°	-	1/2"	2-1/4"
Dovetail Bit	22-112	1/2"	-	1/2"	-	14°	-	1/2"	2-1/4"
Cove Bit	30-114	1-1/2"	1/2"	5/8"	-	-	1/2"	1/2"	2-1/2"
Rabbeting Bit	32-102	1-1/4"	1/2"	1/2"	-	-	-	1/2"	2-1/4"
Rounding Over Bit	34-124	1-1/4"	1/2"	5/8"	-	-	3/8"	1/2"	2-5/8"
Roman Ogee Bit	38-106	1-3/8"	3/8"	23/32"	-	-	1/4"	1/2"	2-9/16"
Chamfer Bit	40-114	1-3/4"	1/2"	5/8"	-	45°	-	1/2"	2-9/16"
Bearing Flush Trim Bit	42-110	1/2"	1/2"	1"	2	-	-	1/2"	3-1/4"

Three Piece Vertical Raised Panel Sets

Application: Combines our most popular rail and stile bit sets with a vertical ogee raised panel bit

- All bits have 1/2" shanks and are designed to be used on 3/4" stock.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on table-mounted portable router with 1/2" shank.



97-604



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number 97-504									
Rail & Stile Bit Set	99-260	1-11/16"	15/16"	11/16"	15/64"	7/32"	-	1/2"	3"
Vertical Raised Panel Bit	99-320	1-1/2"	-	1-5/8"	-	25/32"	5/32"	1/2"	3-3/16"
Item Number 97-604									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
Vertical Raised Panel Bit	99-320	1-1/2"	-	1-5/8"	-	25/32"	5/32"	1/2"	3-3/16"

New Storage Box

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile



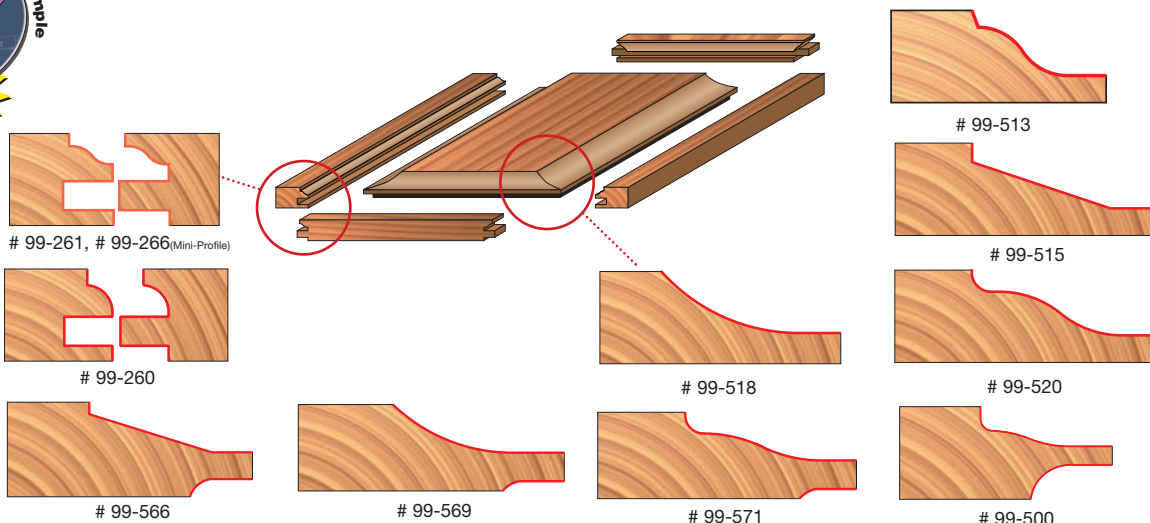
New Storage Box

97-204

Three Piece Cabinet Bit Set

Application: Combines our most popular rail and stile bit sets with one of our exclusive 2+2 Raised Panel Bits

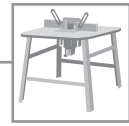
- All bits have 1/2" shanks and are designed to be used on 3/4" stock.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on table-mounted portable routers with 1/2" shank.



Bit Type	Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Shank Dia.	Overall Length
Item Number 97-100									
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-515	3-1/2"	1-1/4"	5/8"	5/32"	-	-	1/2"	2-1/2"
Item Number 97-102									
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-518	3-1/2"	-	5/8"	5/64"	1-1/2"	-	1/2"	2-1/2"
Item Number 97-104									
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-520	3-1/2"	-	5/8"	7/32"	25/32"	5/32"	1/2"	2-1/2"
Item Number 97-200									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-515	3-1/2"	1-1/4"	5/8"	5/32"	-	-	1/2"	2-1/2"
Item Number 97-202									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-518	3-1/2"	-	5/8"	5/64"	1-1/2"	-	1/2"	2-1/2"
Item Number 97-204									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-520	3-1/2"	-	5/8"	7/32"	25/32"	5/32"	1/2"	2-1/2"
Item Number 97-226									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-513	2-3/4"	-	5/8"	15/64"	7/16"	-	1/2"	2-1/2"
Cabinet Sets with Backcutters									
NEW Item Number 97-106 (Raised Panel Bit With Backcutters)									
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-566	3-1/2"	-	1"	5/32"	-	3/16"	1/2"	3"
NEW Item Number 97-108 (Raised Panel Bit With Backcutters)									
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-569	3-1/2"	-	1"	5/32"	1-1/2"	3/16"	1/2"	3"
NEW Item Number 97-208 (Raised Panel Bit With Backcutters)									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-569	3-1/2"	-	1"	5/32"	1-1/2"	3/16"	1/2"	3"
NEW Item Number 97-210 (Raised Panel Bit With Backcutters)									
Rail & Stile Bit Set	99-261	1-11/16"	1-19/32"	23/32"	15/64"	13/64"	-	1/2"	3"
2 + 2 Raised Panel Bit	99-571	3-1/2"	-	1"	-	1-3/16"	5/32"	1/2"	3"
NEW Item Number 97-904 (Mini Raised Panel Bit With Backcutters)									
Rail & Stile Bit Set	99-266	1-9/32"	25/32"	13/16"	-	-	-	1/2"	2-11/16"
2 + 2 Raised Panel Bit	99-500	2-19/32"	-	7/8"	-	3/4"	7/64"	1/2"	2-51/64"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank



Five Piece Cabinet Bit Set



New Storage Box



94-100

Application: Produce your own cabinet doors at a fraction of the cost of shaper heads

- All bits have 1/2" shanks and are designed to be used on 3/4" stock.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on table-mounted portable routers with 1/2" shank.



99-001



99-510



99-031



99-260

Bit Type	Item Number	Overall Dia.	Cut Depth	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Angle	Shank Dia.	Overall Length
Item Number 94-100											
Door Lip Bit	99-001	2"	29/64"	-	1-1/4"	11/16"	3/8"	-	7°	1/2"	2-3/4"
2 + 2 Raised Panel Bit	99-510	2-3/4"	-	-	5/8"	7/32"	35/64"	1/8"	-	1/2"	2-1/2"
Reversible Glue Joint Bit	99-031	1-1/2"	-	1-3/16"	1-1/4"	23/64"	-	-	30°	1/2"	2-3/4"
Rail & Stile Bit Set	99-260	1-11/16"	-	1-5/16"	11/16"	15/64"	7/32"	-	-	1/2"	3"

Five Piece Cabinet & Molding Bit Set



New Storage Box

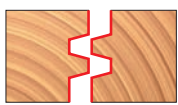
95-100

Application: Create your own cabinet doors and more than 39 molding patterns

- All bits have 1/2" shanks and are designed to be used on 3/4" stock.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on shank table-mounted portable router with 1/2" shank.



99-510



99-031



99-260

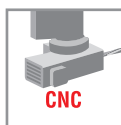


99-PK1

Bit Type	Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius1	Small Radius2	Angle	Shank Dia.	Overall Length
Item Number 95-100											
Reversible Glue Joint Bit	99-031	1-1/2"	1-3/16"	1-1/4"	23/64"	-	-	-	30°	1/2"	2-3/4"
2 + 2 Raised Panel Bit	99-510	2-3/4"	-	5/8"	7/32"	35/64"	1/8"	-	-	1/2"	2-1/2"
Multi-Profile Bit	99-PK1	2-5/32"	-	1-59/64"	-	25/64"	5/16"	15/64"	-	1/2"	4"
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	1-1/16"	15/64"	7/32"	-	-	-	1/2"	3"

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile



NEW



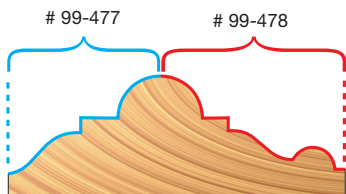
93-200

New Architectural Molding Set

Application: Add elegant detail to any room of the home with the most popular molding profiles. Includes bits to decorate the wall from top to bottom!

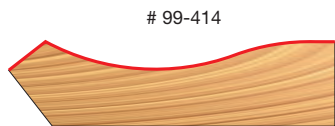
- Set of six 1/2" shank bits mill beautiful Crown, Casing, Chair Rail and Base Molding.
- Add beautiful, traditional molding to ceilings, doors, windows, built-ins and many other projects.
- Use with hardwoods or softwoods to mill stain grade molding. Also routs composition materials.
- Use only with 1/2" shank table-mounted, CNC or automatic routers.

Note: For best results make two or more passes.

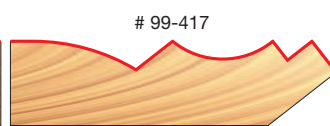


99-477

99-478



99-414



99-417



99-466



99-480

Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
NEW Item Number 93-200					
Base Cap #163	99-480	1-3/4"	1-1/2"	1/2"	3"
Casing #366	99-466	1-1/2"	1-13/16"	1/2"	3-9/32"
Crown Bit, upper profile #1	99-414	1-5/16"	3"	1/2"	4-7/16"
Crown Bit, lower profile #4	99-417	1-3/8"	3-1/16"	1/2"	4-9/16"
Chair Rail #300, upper bit	99-477	2-1/4"	1-1/2"	1/2"	3"
Chair Rail #300, lower bit	99-478	2-3/16"	1-13/16"	1/2"	3-5/16"



NEW

#98-300

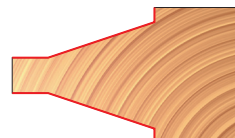
Three Piece Door Construction Set

Application: Create 1-3/4" thick exterior doors, 1-3/8" interior doors, sidelights or transoms in any style and any size

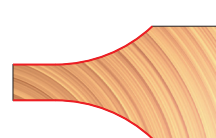
- Capable of producing tenons of any length—perfect for load bearing joints!
- Both bits include shims for fine-tuning the joint for a continued perfect fit.
- Perfect for milling fine hardwoods and softwoods, and also produces an excellent cut in other materials.
- Includes an instructional mini-DVD and an informative poster.
- Use on table-mounted portable routers.



#99-267



#99-515



#99-518



Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
NEW Item Number 98-300					
Roundover	99-267	1-3/4"	1-1/2"	1/2"	3"
2+2 Raised Panel Bit	99-515	3-1/2"	5/8"	1/2"	2-1/2"
NEW Item Number 98-302					
Roundover	99-267	1-3/4"	1-1/2"	1/2"	3"
2+2 Raised Panel Bit	99-518	3-1/2"	5/8"	1/2"	2-1/2"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank

Advanced Cabinet Door Set



New Storage Box

95-200

Application: Create cabinet doors and drawers at a fraction of the cost of shaper heads

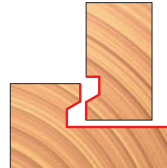
- Similar to Freud's 94-100 with a Drawer Lock Bit to produce a strong joint for cabinet drawers.
- All bits have 1/2" shanks and are designed to be used on 3/4" stock.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on table-mounted portable router with 1/2" shank.



99-031



99-510



99-240



99-260

Bit Type	Item Number	Overall Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Angle	Shank Dia.	Overall Length
Item Number 95-200										
Reversible Glue Joint Bit	99-031	1-1/2"	1-3/16"	1-1/4"	23/64"	-	-	30°	1/2"	2-3/4"
2 + 2 Raised Panel Bit	99-510	2-3/4"	-	5/8"	7/32"	35/64"	1/8"	-	1/2"	2-1/2"
Drawer Lock Bit	99-240	2"	1-3/4"	33/64"	5/32"	-	-	30°	1/2"	2"
Rail & Stile Bit Set	99-260	1-11/16"	1-5/16"	11/16"	15/64"	7/32"	-	-	1/2"	3"

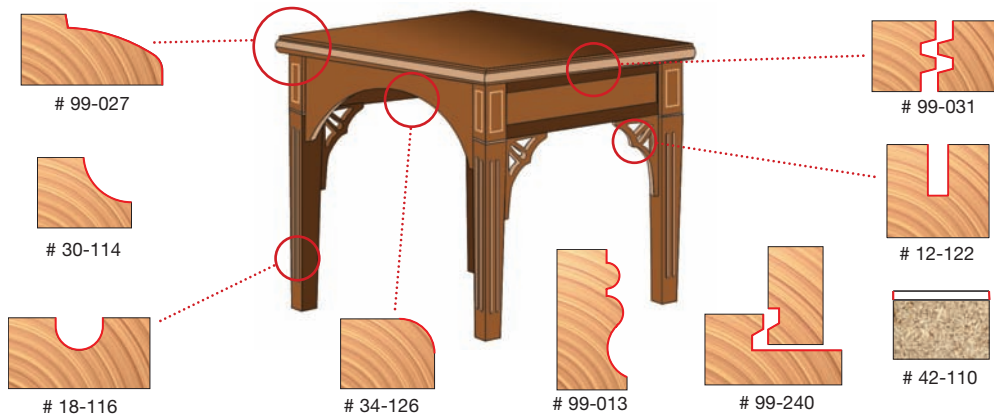
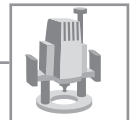


93-100

Nine Piece Table Making Set

Application: Includes a variety of bits ideal for creating tables: Fluting, flush trimming, chamfering, and others

- All bits have 1/2" shanks.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Small Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Angle	Shank Dia.	Overall Length
Item Number 93-100											
Bearing Flush Trim Bit	42-110	1/2"	1/2"	-	1"	-	-	-	-	1/2"	3-1/4"
Round Nose Bit	18-116	1/2"	-	-	1-1/8"	-	1/4"	-	-	1/2"	2-13/16"
Drawer Lock Bit	99-240	2"	-	1-3/4"	33/64"	5/32"	-	-	30°	1/2"	2"
Reversible Glue Joint Bit	99-031	1-1/2"	-	1-3/16"	1-1/4"	23/64"	-	-	30°	1/2"	2-3/4"
Rounding Over Bit	34-126	1-1/2"	1/2"	-	3/4"	-	1/2"	-	-	1/2"	2-3/4"
Face Molding Bit	99-013	15/16"	1/2"	-	1-3/8"	5/32"	21/64"	9/64"	-	1/2"	3-1/4"
Table Edge Bit	99-027	2-19/32"	1/2"	-	23/32"	-	1-25/32"	13/64"	-	1/2"	2-5/8"
Double Flute Straight Bit	12-122	1/2"	-	-	1-1/2"	-	-	-	-	1/2"	3-1/8"
Cove Bit	30-114	1-1/2"	1/2"	-	5/8"	-	1/2"	-	-	1/2"	2-1/2"

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile



#96-100

Eight Piece Bit Sets for Incra Jig®

Application: Create dovetail and box joints by combining these bits with your table-mounted router equipped with an Incra Jig®

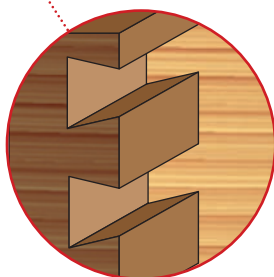
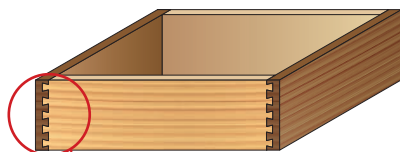
- Follow the directions in the Incra Jig® manual and use the correct bit number for the joint you want to create.
- Both sets produce identical profiles.
- Includes attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on table-mounted portable routers equipped with Incra Jig®.
- Can also be used with other joint making jigs or fence systems and CNC automatic routers.



Double Flute Straight Bit Profile



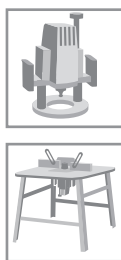
Dovetail Bit Profile



Bit Type	Item Number	Overall Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
Item Number 96-100						
Double Flute Straight Bit*	04-106	1/4"	3/4"	-	1/4"	2-1/4"
Double Flute Straight Bit	04-124	3/8"	1"	-	1/4"	2-1/2"
Dovetail Bit	22-100	1/4"	5/16"	7-1/2°	1/4"	2"
Dovetail Bit	22-101	5/16"	3/8"	9°	1/4"	1-7/8"
Dovetail Bit	22-102	3/8"	3/8"	9°	1/4"	1-7/8"
Dovetail Bit	22-104	1/2"	1/2"	14°	1/4"	1-7/8"
Dovetail Bit	22-105	3/8"	7/8"	7°	1/4"	2-1/8"
Dovetail Bit	22-106	3/4"	7/8"	7°	1/4"	2-1/8"
Item Number 96-102						
Double Flute Straight Bit	12-100	1/4"	3/4"	-	1/2"	2-3/8"
Double Flute Straight Bit	12-108	3/8"	1"	-	1/2"	2-5/8"
Dovetail Bit	22-107	1/4"	5/16"	7-1/2°	1/2"	2-5/8"
Dovetail Bit	22-108	5/16"	3/8"	9°	1/2"	2-1/8"
Dovetail Bit	22-110	3/8"	3/8"	9°	1/2"	2-1/4"
Dovetail Bit	22-112	1/2"	1/2"	14°	1/2"	2-1/4"
Dovetail Bit	22-113	5/8"	7/8"	7°	1/2"	2-5/8"
Dovetail Bit	22-114	3/4"	7/8"	7°	1/2"	2-5/8"



* Solid Carbide
Incra Jig® is a registered Trademark of Taylor Design Group

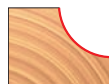


89-500

Three Piece Cove Bit Sets

Application: Produces classical decorative edge on furniture and moldings

- Includes 1/4", 3/8" and 1/2" radius cove bits and an attractive wooden storage box.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Cove Bit Profile

Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
Item Number 89-500							
Cove Bit	30-102	7/8"	3/8"	1/2"	1/4"	1/4"	2-3/16"
Cove Bit	30-104	1-1/4"	1/2"	1/2"	3/8"	1/4"	2-3/16"
Cove Bit	30-106	1-1/2"	1/2"	5/8"	1/2"	1/4"	2-3/16"
Item Number 89-550							
Cove Bit	30-110	1"	1/2"	1/2"	1/4"	1/2"	2-1/2"
Cove Bit	30-112	1-1/4"	1/2"	1/2"	3/8"	1/2"	2-1/2"
Cove Bit	30-114	1-1/2"	1/2"	5/8"	1/2"	1/2"	2-1/2"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank

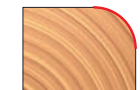
Three Piece Round Over/Beading Bit Sets



89-150

Application: Rounding over bits soften the edges of fine furniture, while beading bits produce a simple, decorative edge on furniture and moldings

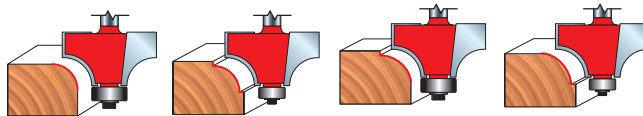
- Includes three rounding over bits and a 3/8" bearing which will convert all three bits into beading bits for the ultimate in value.
- Rounding over bits soften the edges of fine furniture.
- Beading bits produce a simple, decorative edge on furniture & moldings
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Round Over Profile



Bead Profile



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
Item Number 89-100							
Rounding Over Bit	34-108	7/8"	1/2"	1/2"	3/16"	1/4"	2-3/16"
Rounding Over Bit	34-114	1-1/4"	1/2"	5/8"	3/8"	1/4"	2-3/16"
Rounding Over Bit	34-116	1-1/2"	1/2"	3/4"	1/2"	1/4"	2-1/2"
Item Number 89-150							
Rounding Over Bit	34-120	1"	1/2"	1/2"	1/4"	1/2"	2-1/2"
Rounding Over Bit	34-124	1-1/4"	1/2"	5/8"	3/8"	1/2"	2-5/8"
Rounding Over Bit	34-126	1-1/2"	1/2"	3/4"	1/2"	1/2"	2-3/4"

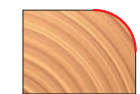
Five Piece Round Over/Beading Bit Sets



89-152

Application: Similar to the Three Piece Sets, these sets offer additional profiles for a wider range of applications

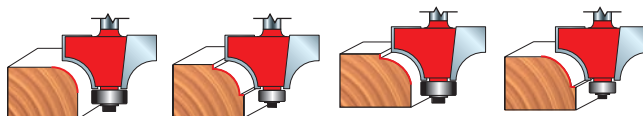
- Includes five rounding over bits and a 3/8" bearing which will convert all five bits into beading bits for the ultimate in value.
- Rounding over bits soften the edges of fine furniture.
- Beading bits produce a simple, decorative edge on furniture & moldings.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Round Over Profile



Bead Profile



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
Item Number 89-102							
Rounding Over Bit	34-104	3/4"	1/2"	1/2"	1/8"	1/4"	2-3/16"
Rounding Over Bit	34-108	7/8"	1/2"	1/2"	3/16"	1/4"	2-3/16"
Rounding Over Bit	34-110	1"	1/2"	1/2"	1/4"	1/4"	2-3/16"
Rounding Over Bit	34-114	1-1/4"	1/2"	5/8"	3/8"	1/4"	2-3/16"
Rounding Over Bit	34-116	1-1/2"	1/2"	3/4"	1/2"	1/4"	2-1/2"
Item Number 89-152							
Rounding Over Bit	34-118	3/4"	1/2"	1/2"	1/8"	1/2"	2-1/2"
Rounding Over Bit	34-120	1"	1/2"	1/2"	1/4"	1/2"	2-1/2"
Rounding Over Bit	34-124	1-1/4"	1/2"	5/8"	3/8"	1/2"	2-5/8"
Rounding Over Bit	34-126	1-1/2"	1/2"	3/4"	1/2"	1/2"	2-3/4"
Rounding Over Bit	34-128	2"	1/2"	1"	3/4"	1/2"	2-7/8"

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile



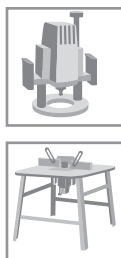
Router Bit Sets



233

ROUTER BITS & SETS

freud®



89-300

Six Piece Slot Cutter Sets

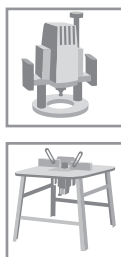
Application: Produce precision slots for T molding, spline joints, and several other applications

- Includes four three-wing slot cutters (1/16", 1/8", 5/32", and 1/4" kerf), a ball bearing (62-108) to provide a 9/16" depth of cut, an arbor and an attractive wooden storage box.
- Slotting cutters produce precision slots for T-molding, spline joints, and many other applications.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- 56-109 can be used for biscuit joining.



Slot Cutter's Profile

Bit Type	Item Number	Overall Dia.	Bore Dia.	Carbide Height	Shank Dia.
Item Number 89-300					
Three Wing Slot Cutter	56-100	2"	5/16"	1/16"	-
Three Wing Slot Cutter	56-108	2"	5/16"	1/8"	-
Three Wing Slot Cutter	56-109	2"	5/16"	5/32"	-
Three Wing Slot Cutter	56-112	2"	5/16"	1/4"	-
Ball Bearing	62-108	22mm (7/8")	8mm (5/16")	-	-
1/4" Arbor	60-100	-	-	-	1/4"
Item Number 89-350					
Three Wing Slot Cutter	56-100	2"	5/16"	1/16"	-
Three Wing Slot Cutter	56-108	2"	5/16"	1/8"	-
Three Wing Slot Cutter	56-109	2"	5/16"	5/32"	-
Three Wing Slot Cutter	56-112	2"	5/16"	1/4"	-
Ball Bearing	62-108	22mm(7/8")	8mm(5/16")	-	-
1/2" Arbor	60-102	-	-	-	1/2"



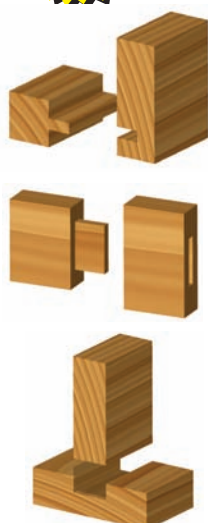
New Shadow Box

91-102

Six Piece Straight Bit Set

Application: Allows you to make grooves, dadoes, and 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.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Double Flute Straight Bit Profile

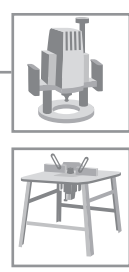
Bit Type	Item Number	Overall Dia.	Carbide Height	Shank Dia.	Overall Length
Item Number 91-102					
Double Flute Straight Bit	12-100	1/4"	3/4"	1/2"	2-3/8"
Double Flute Straight Bit	12-106	5/16"	1"	1/2"	2-3/4"
Double Flute Straight Bit	12-116	1/2"	1"	1/2"	2-5/8"
Double Flute Straight Bit	12-136	5/8"	1"	1/2"	2-1/2"
Double Flute Straight Bit	12-152	3/4"	1"	1/2"	2-1/2"
Double Flute Straight Bit	12-172	1"	1-1/4"	1/2"	3"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank



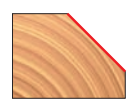
Three Piece Chamfer Bit Set



89-250

Application: Chamfer bits maintain crisp, geometric lines while forming a uniform bevel on the edge of the work piece

- Includes 22-1/2°, 30° and 45° chamfer bits and an attractive wooden storage box.
- All bits have 1/2" shanks.
- Adjust chamfer size by changing the height of the bit.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.

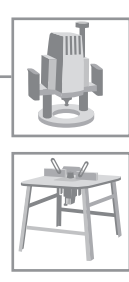


Chamfer Bit Profile



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
Item Number 89-250							
Chamfer Bit	40-101	1-1/4"	1/2"	7/8"	22-1/2°	1/2"	2-5/8"
Chamfer Bit	40-114	1-3/4"	1/2"	1/2"	45°	1/2"	2-9/16"
Chamfer Bit	40-206	1-11/32"	1/2"	3/4"	30°	1/2"	2-3/4"

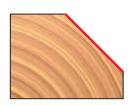
Four Piece Chamfer Bit Set



89-200

Application: Create a uniform bevel on the edge of a work piece to add character while keeping crisp, geometric lines

- Includes 15°, 25°, 30° and 45° chamfer bits and an attractive wooden storage box.
- All bits have 1/4" shanks.
- Adjust chamfer size by changing the height of the bit.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



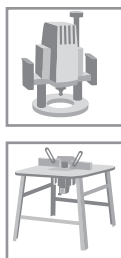
Chamfer Bit Profile



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Angle	Shank Dia.	Overall Length
Item Number 89-200							
Chamfer Bit	40-100	23/32"	1/2"	1/2"	15°	1/4"	2-3/16"
Chamfer Bit	40-102	15/16"	1/2"	1/2"	25°	1/4"	2-3/16"
Chamfer Bit	40-106	1-3/4"	1/2"	5/8"	45°	1/4"	2-3/16"
Chamfer Bit	40-202	1-11/32"	1/2"	3/4"	30°	1/4"	2-1/4"

Red Item Numbers Indicate 1/2" Shank

See individual bit for scale profile



A90200



With The CD Learn How To:

- Create Sliding Dovetails
- Cut Dadoes
- Joint Straight Edges
- Create Decorative Edge Treatments Freehand
- Chamfer Perfectly
- Accurate Beveled Angles
- And Much More...

Four Piece Introductory Bit Set

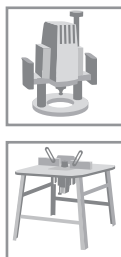
Application: Fundamental bit set for novice woodworkers

- Freud's new Four Piece Introductory Set provides an economical yet very useful introduction to the wide world of possibilities offered by your 1/2" collet router.
- Includes a variety of bits that allow you to experience several router functions.
- All bits have 1/2" shanks.
- Set comes in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Large Radius	Shank Dia.	Overall Length
NEW Item Number A90200							
Rabbeting Bit	A32100	1-1/4"	1/2"	1/2"	-	1/4"	2"
Rounding Over/Beading Bit	A34110	1"	1/2"	1/2"	1/4"	1/4"	2-3/16"
Mortising Bit	A50102	1/2"	1/2"	1-1/4"	-	1/4"	2-5/8"

* Use included bearing to convert the Rounding Over Bit into a Beading Bit.



A91210



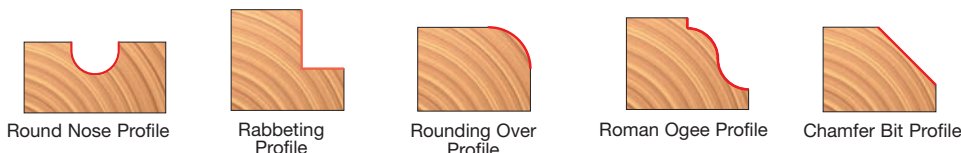
With The CD Learn How To:

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- Cut Dadoes
- Joint Straight Edges
- Create Decorative Edge Treatments Freehand
- Chamfer Perfectly
- Accurate Beveled Angles
- And Much More...

Five Piece Introductory Bit Set

Application: Fundamental bit set for novice woodworkers

- These two new Avanti Five Piece Sets include carbide tipped round nose, rabbeting, rounding over, Roman ogee, and 45 degrees chamfer bits in your choice of 1/4" or 1/2" shanks.
- Sets include an instructional video CD on Routing Tips & Techniques.
- All sets come in Freud's unique shadow box case that can hang on the wall or mount on the bench to keep bits handy and safe.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.

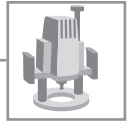


Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Angle	Large Radius	Shank Dia.	Overall Length
NEW Item Number A90210 (5 pc. 1/4" Shank Set)								
Round Nose Bit	18-108	3/8"	-	3/8"	-	1/4"	1/4"	1-13/16"
Rabbeting Bit	32-100	1-1/4"	1/2"	1/2"	-	-	1/4"	2"
Rounding Over Bit	34-110	1"	1/2"	1/2"	-	1/4"	1/4"	2-3/16"
Roman Ogee Bit	38-100	1-1/16"	3/8"	1/2"	-	5/32"	1/4"	2-3/16"
Chamfer Bit	40-104	1-11/32"	1/2"	1/2"	45°	-	1/4"	2-3/16"
NEW Item Number A91210 (5 pc. 1/2" Shank Set)								
Round Nose Bit	18-122	3/4"	-	1-1/4"	-	3/8"	1/2"	2-13/16"
Rabbeting Bit	32-102	1-1/4"	1/2"	1/2"	-	-	1/2"	2-1/4"
Rounding Over Bit	34-126	1-1/2"	1/2"	3/4"	-	1/2"	1/2"	2-3/4"
Roman Ogee Bit	38-106	1-3/8"	3/8"	23/32"	-	1/4"	1/2"	2-9/16"
Chamfer Bit	40-114	1-3/4"	1/2"	5/8"	45°	-	1/2"	2-9/16"

See individual bit for scale profile

Red Item Numbers Indicate 1/2" Shank

Fifteen Piece Introductory Bit Set



A91220

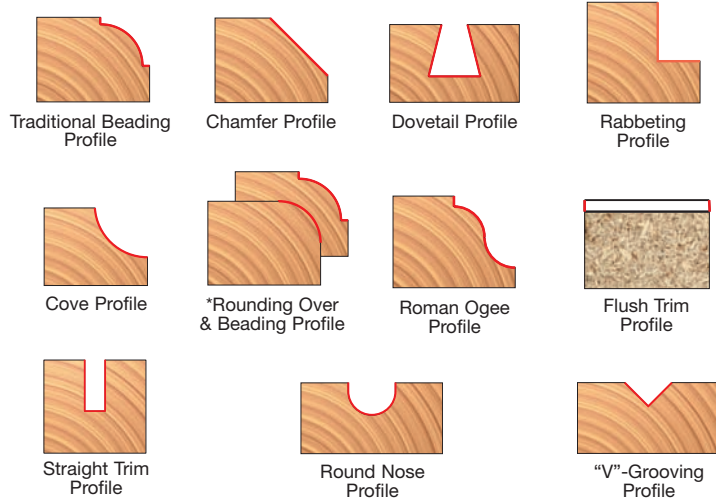
Application: Perfect starter set for the serious woodworker

- Freud's new Avanti 15 Piece Set includes just about every carbide tipped bit the woodworker needs to get a new shop up to speed. The set includes three straight bits, a pair of rounding over bits, a flushtrim, V-Groove, dovetail, rabbeting, and a great assortment of profile bits.
- Includes an instructional video CD on Routing Tips & Techniques.
- Set comes in Freud's unique shadow box case, this set hangs on the wall or mounts on the bench to keep bits handy and safe.
- All bits have 1/2" shanks.
- Cuts all composition materials, plywoods, hardwoods, and softwoods.
- Use on hand-held and table-mounted portable routers.



With The CD Learn How To:

- Create Sliding Dovetails
- Cut Dadoes
- Joint Straight Edges
- Create Decorative Edge Treatments Freehand
- Chamfer Perfectly
- Accurate Beveled Angles
- And Much More...



Bit Type	Item Number	Overall Dia.	Bearing Dia.	Carbide Height	Number of Flutes	Angle	Large Radius	Shank Dia.	Overall Length
Item Number A91220									
Traditional Beading Bit	A80122	1"	1/2"	9/16"	-	-	1/8"	1/2"	2-7/16"
Chamfer Bit	A40114	1-3/4"	1/2"	5/8"	-	45°	-	1/2"	2-9/16"
Dovetail Bit	A22112	1/2"	-	1/2"	-	14°	-	1/2"	2-1/4"
Rabbeting Bit	A32102	1-1/4"	1/2"	1/2"	-	-	-	1/2"	2-1/4"
Cove Bit	A30114	1-1/2"	1/2"	5/8"	-	-	1/2"	1/2"	2-1/2"
Rounding Over / Beading Bit*	A34120	1"	1/2"	1/2"	-	-	1/4"	1/2"	2-1/2"
Rounding Over / Beading Bit*	A34126	1-1/2"	1/2"	3/4"	-	-	1/2"	1/2"	2-3/4"
Roman Ogee Bit	A38106	1-3/8"	3/8"	23/32"	-	-	1/4"	1/2"	2-9/16"
Flush Trim Bit	A42110	1/2"	1/2"	1"	2	-	-	1/2"	3-1/4"
Straight Trim Bit	A12100	1/4"	-	3/4"	2	-	-	1/2"	2-3/8"
Straight Trim Bit	A12128	1/2"	-	2"	2	-	-	1/2"	4-1/8"
Straight Trim Bit	A12156	3/4"	-	1-1/2"	2	-	-	1/2"	3"
Round Nose Bit	A18116	1/2"	-	1-1/8"	-	-	1/4"	1/2"	2-13/16"
"V" Grooving Bit	A20108	1/2"	-	1/2"	-	90°	-	1/2"	2-1/4"
3/8" Bearing	A62102	-	3/8"	-	-	-	-	-	-

* Use included bearing to convert the Rounding Over Bit into a Beading Bit.