



## Flat Screw

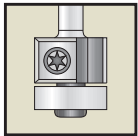
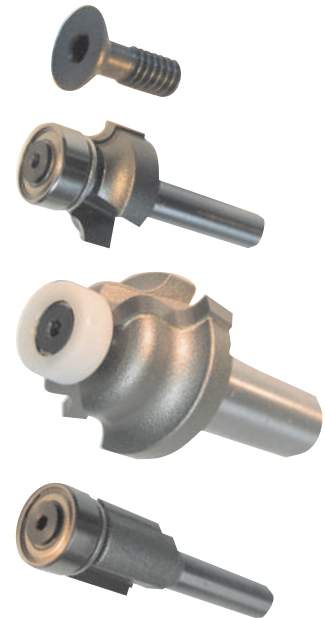
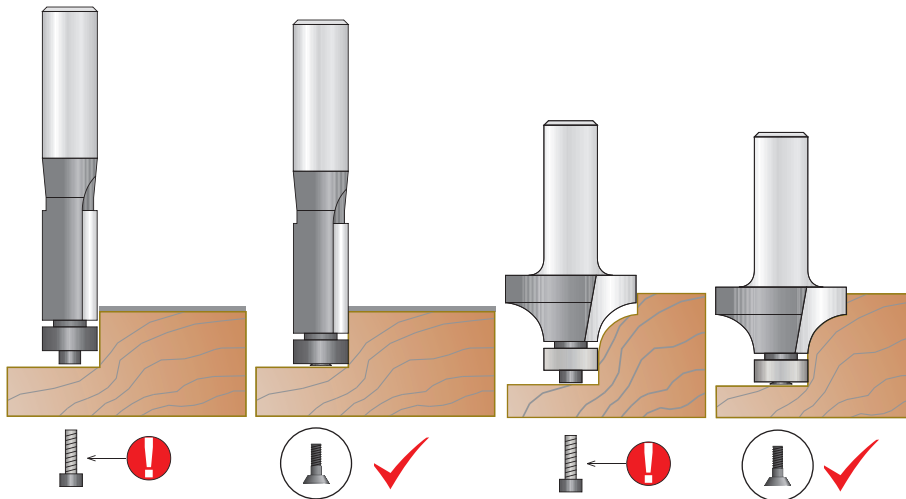


Category

Newly developed FLAT MACHINE SCREW that may replace our regularly used Screw. Unique application whenever the need to work in tight places that does not allow the use of Head type Screws. This Screw has several unequalled properties that guarantee its performance.

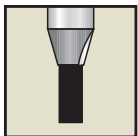
- Special Conic Head that center the ball bearing on the router bit, ensuring total no run out at all times.
- Strong body material for longer life.

Tool no.	Type	Threads/inch
1930016	NC5	40



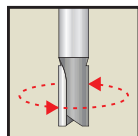
## RCB

Bits noted with this icon may have similar bits made by DIMAR, with Indexable Carbide, known as Replaceable Carbide Bits. RCB bits never require sharpening and therefore tool diameter remains constant. Fully sharpened multiple cutting edges, rotated to expose new edges, are easily replaced when they become dull or chipped.



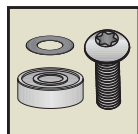
## Solid Carbide Cutting Edges

Bits noted with this icon are produced with SOLID CARBIDE CUTTING EDGES brazed into a steel shank. This ensures optimum strength while maintaining all the cutting angles' properties. The results are bits with smaller cutting dimensions that are practical and durable.



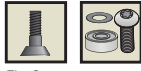
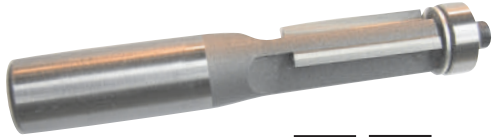
## Left Hand Rotation

DIMAR produces the largest variety of Standard Router Bits in Counter Clockwise rotation bits; known as LEFT HAND or LH Rotation bits.



## Replacement Parts

We have assembled the Replacement Parts in Sets. It is advisable to replace the Screws whenever the Ball Bearings are replaced. It will prolong tool life by eliminating damaged threads.



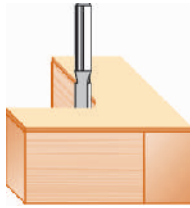
Flat Screw

Parts page 114



Radial Relief

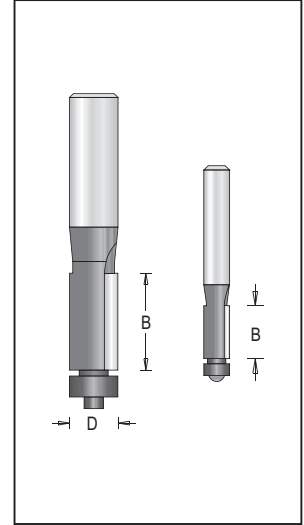
Available in RCB



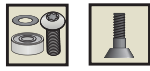
## Flush Trim Bits with Ball Bearing Guide



Tool no.	Flutes	D	Shank	B	Length	Parts
101R46-1	2	1/4"	1/4"	1"	2 1/2"	A
101R46-2	2	1/4"	1/4"	1/2"	2"	A
101R38-1	2	3/8"	1/4"	1"	2 5/8"	B
101R38-2	2	3/8"	1/4"	1/2"	2 1/4"	B
101R42-1	2	1/2"	1/4"	1"	2 5/8"	D
101R42-2	2	1/2"	1/4"	1/2"	2 1/4"	D
101R82-1	2	1/2"	1/2"	1"	3 1/4"	D
101R82-2	2	1/2"	1/2"	1/2"	2 3/4"	D
101R82-3	2	1/2"	1/2"	1 1/2"	3 7/8"	D
101R82-4	2	1/2"	1/2"	2"	4 1/4"	D
101R32-1	2	1/2"	3/8"	1"	2 3/4"	D
101R-16	2	5/8"	1/4"	5/8"	2 3/16"	N
101R89-1	2	3/4"	1/4"	1"	3"	S
101RR42-1	3	1/2"	1/4"	1"	2 5/8"	D
101RR42-2	3	1/2"	1/4"	1/2"	2 1/4"	D
101RR82-1	3	1/2"	1/2"	1"	3 1/4"	D
101RR82-2	3	1/2"	1/2"	1/2"	2 3/4"	D
101RR82-3	3	1/2"	1/2"	1 1/2"	3 7/8"	D



ROUTING  
CARBIDE TIPPED

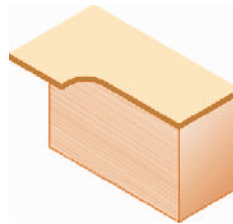


Parts page 114

Flat Screw



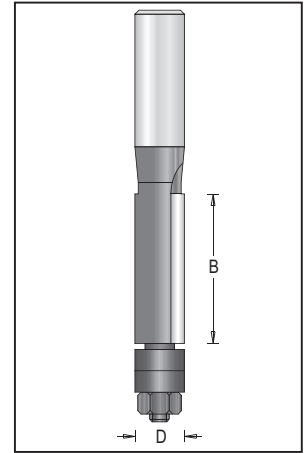
Radial Relief



## Trim Bits with Double Ball Bearing Guide



Tool no.	Flutes	D	Shank	B	Length	Parts
101RD82-3	2	1/2"	1/2"	1 1/2"	4 1/16"	E
101RD82-4	2	1/2"	1/2"	2"	4 1/2"	E
101RRD82-3	3	1/2"	1/2"	1 1/2"	4 1/16"	E

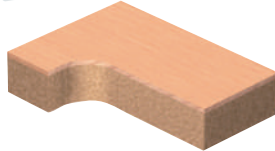


Parts page 114

Radial Relief



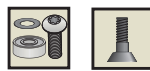
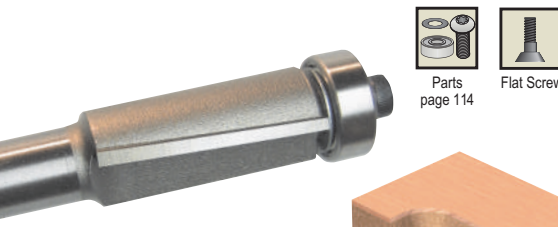
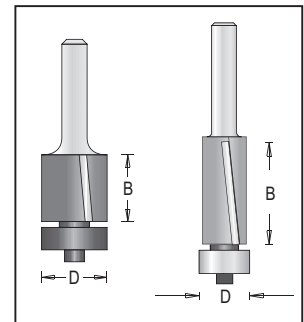
Flat Screw



## Helix Laminate Flush Trim Bits, with Ball Bearing Guide, 2 Flutes

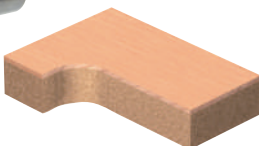


Tool no.	D	Shank	B	Length	Parts
101RLH4-12	1/2"	1/4"	1"	2 5/8"	D
101RH8-12	1/2"	1/2"	1"	3"	D
101RH4-16	5/8"	1/4"	5/8"	2 3/16"	N
101RH4-19	3/4"	1/4"	5/8"	2 3/8"	Q
101RLH4-19	3/4"	1/4"	1"	2 7/8"	Q
101RLSH8-19	3/4"	1/2"	1 1/2"	4"	S
101RLSWH8-19	3/4"	1/2"	2"	4 1/2"	S



Parts page 114

Flat Screw

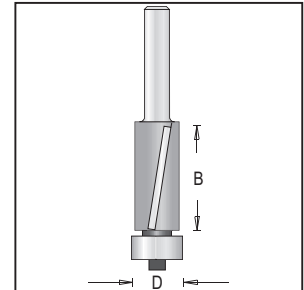


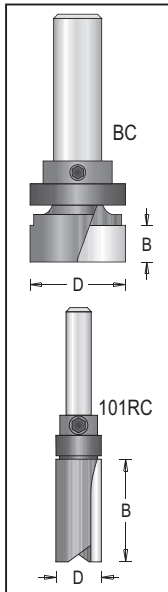
## Up-Shear Flush Trim Bits, with Ball Bearing Guide, 2 Flutes



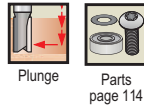
With positive shear angle.  
For trimming bottom wood and laminates.

Tool no.	D	Shank	B	Length	Parts
101R42-1U	1/2"	1/4"	1"	2 5/8"	D
101R89-3U	3/4"	1/2"	1 1/2"	4"	S
101R89-4U	3/4"	1/2"	2"	4 5/8"	S

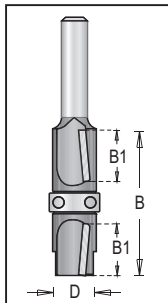
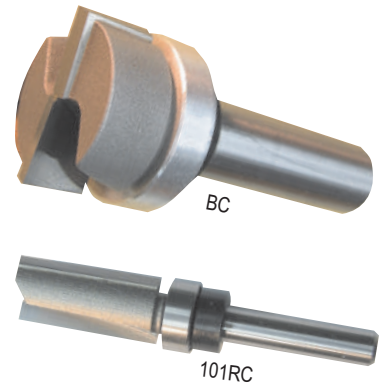




## Straight Bits with Centre Ball Bearing Guide, Template Bit, 2 Flutes



Tool no.	D	Shank	B	Length	Parts
101RC4-12A	1/2"	1/4"	1/4"	2"	F
101RC4-12B	1/2"	1/4"	1/8"	2"	F
101RC4-12C	1/2"	1/4"	1/2"	2 1/4"	F
101RC4-12	1/2"	1/4"	1"	2 1/2"	F
101RLC4-12	1/2"	1/4"	1 1/4"	2 3/4"	F
101RC4-16	5/8"	1/4"	1"	2 1/2"	I
101RC4-19	3/4"	1/4"	1"	2 1/2"	P
BC419	3/4"	1/4"	7/16"	2 3/16"	P
101RC6-25	26mm	3/8"	1"	2 3/4"	Z
101RC8-19	3/4"	1/2"	1"	3"	U
101RCW8-19	3/4"	1/2"	2"	3 5/8"	U
BC825	1"	1/2"	7/16"	2 1/2"	AA
101RC8-25	1"	1/2"	1 3/4"	3 3/4"	AA
101RC8-28	1 1/8"	1/2"	1 1/2"	3 5/8"	BB
101RC8-32	1 1/4"	1/2"	1 3/4"	3 1/4"	CC
BC838	1 1/2"	1/2"	5/8"	2 3/4"	EE



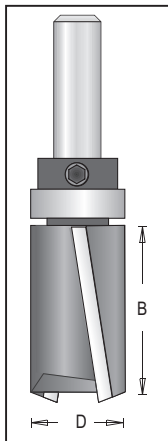
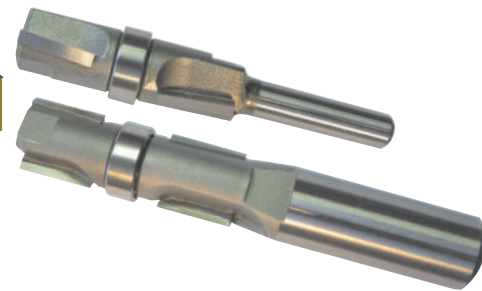
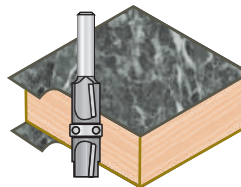
## Compression Bits with Centre Ball Bearing Guide, 2 Flutes



Used for flushing double sided laminated boards.

Tool no.	D	Shank	B	B1	Length
101RCD4-12	1/2"	1/4"	1 3/8"	1/2"	2 9/16"
101RCD8-12	1/2"	1/2"	1 3/8"	1/2"	3 1/16"

Replacement Parts: Ball Bearing BB-12A



## Down Shear Straight Bits with Centre Ball Bearing Guide, 2 Flutes.



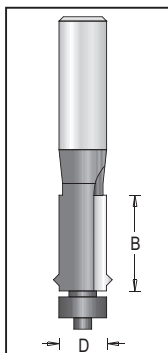
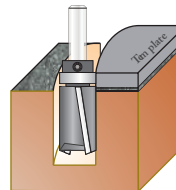
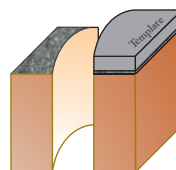
Tool no.	D	Shank	B	Length	Parts
101RCL8-19	3/4"	1/2"	1 1/4"	3 5/16"	U
101RCLS8-19	3/4"	1/2"	1 1/2"	3 1/2"	U
*101RCLSW8-19	3/4"	1/2"	2"	4"	U

For tear free finish on laminated boards.

\* Assembled with two ball bearings



Parts page 114



## Flush Trim "V" Groove Bits, with Ball Bearing Guide, 2 Flutes



Tool no.	D	Shank	B	Length	Parts
101RV4-1	1/2"	1/4"	1"	2 5/8"	D
101RV8-1	1/2"	1/2"	1"	3 1/4"	D



Flat Screw



Parts page 114

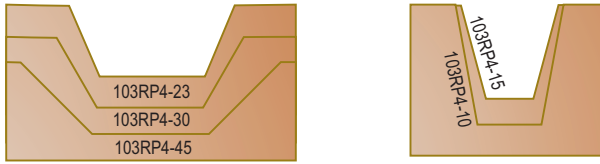
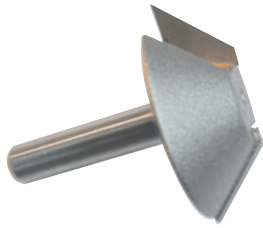


Radial Relief

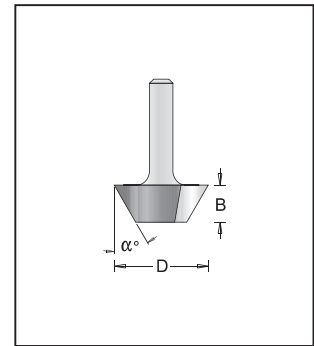




## Bevel Bits - No Plunge, 2 Flutes



Tool no.	Flutes	D	Shank	B	$\alpha$	Length
103RP4-10	2	9/16"	1/4"	5/8"	10°	1 3/4"
103RP4-15	2	1/2"	1/4"	1/2"	15°	2"
103RP4-23	2	7/8"	1/4"	3/8"	23°	1 5/8"
103RP4-30	2	1"	1/4"	3/8"	30°	1 5/8"
103RP4-45	2	1 3/8"	1/4"	3/8"	45°	1 5/8"

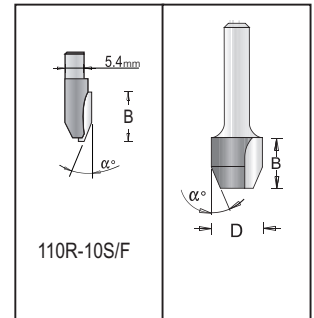


## Combination: Bevel and Flush Trim Bit

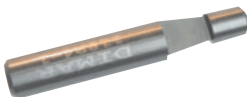


23°	30°	45°
110R-10 110R-12A 110R-12 110R-10S/F	110R-12-30	110R-12-45

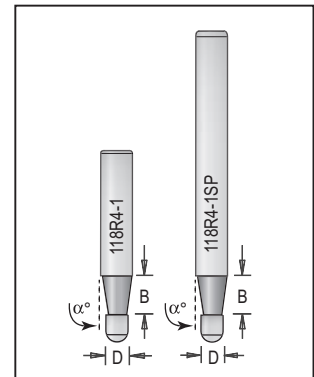
Tool no.	Flutes	D	Shank	B	$\alpha$	Length
110R-10	2	3/8"	1/4"	1/2"	23°	1 5/8"
110R-12A	1	1/2"	1/4"	1/2"	23°	1 5/8"
110R-12	2	1/2"	1/4"	1/2"	23°	1 5/8"
110R-12-30	2	1/2"	1/4"	1/2"	30°	1 5/8"
110R-12-45	2	1/2"	1/4"	1/2"	45°	1 5/8"
110R-10S/F	1	9.1mm	1/4"	1/2"	23°	15/16"

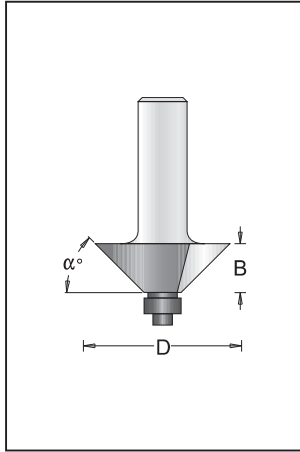


## Bevel Trimming Bits, Solid Carbide



Tool no.	D	Shank	B	$\alpha$	Length
118R4-1	3/16"	1/4"	1/4"	7°	1 1/2"
118R4-1SP	3/16"	1/4"	1/4"	7°	2 1/2"

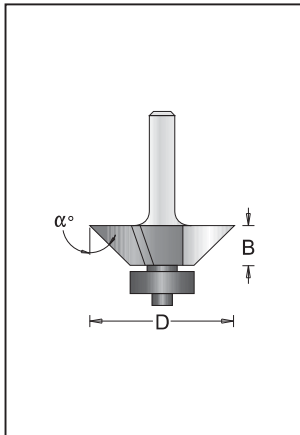
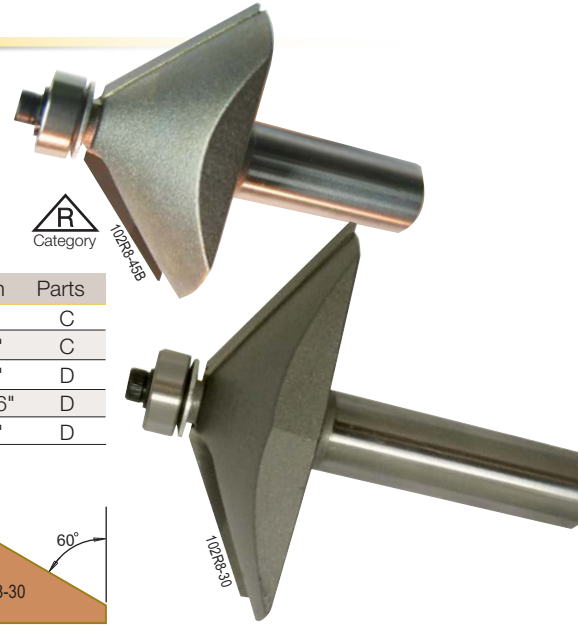
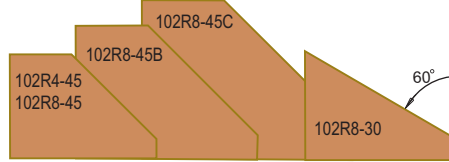
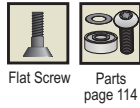




## Chamfer Bits, with Ball Bearing Guide, 2 Flutes



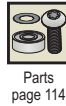
Tool no.	Flutes	D	Shank	B	$\alpha$	Length	Parts
102R4-45	2	1 1/4"	1/4"	1/2"	45°	2"	C
102R8-45	2	1 1/4"	1/2"	1/2"	45°	2 3/8"	C
102R8-45B	2	2"	1/2"	3/4"	45°	2 5/8"	D
102R8-45C	2	2 1/2"	1/2"	1"	45°	2 13/16"	D
102R8-30	2	2 1/2"	1/2"	1/2"	30°	2 7/8"	D



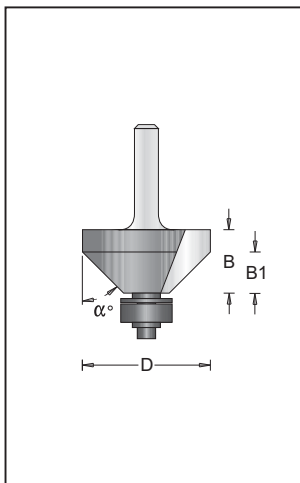
## Bevel Trim Bits with Ball Bearing Guide, 3 Flutes



Tool no.	Flutes	D	Shank	B	$\alpha$	Length	Parts
102RR4-10	3	3/4"	1/4"	3/8"	10°	1 7/8"	N
102RR4-15	3	13/16"	1/4"	3/8"	15°	1 7/8"	N
102RR4-25	3	15/16"	1/4"	3/8"	25°	1 7/8"	N
102RR4-45	3	1 7/16"	1/4"	3/8"	45°	1 7/8"	N



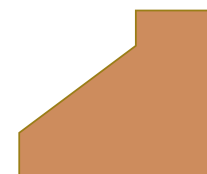
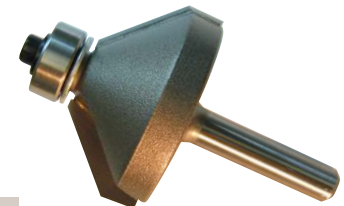
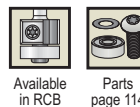
- 45° 102RR4-45
- 25° 102RR4-25
- 15° 102RR4-15
- 10° 102RR4-10

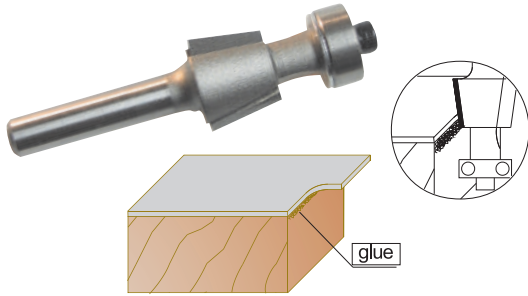


## Combination Bevel & Flush Trim Bit, with Ball Bearing Guide, 2 Flutes



Tool no.	Flutes	D	Shank	B	B1	$\alpha$	Length	Parts
102R4-45B	2	1 3/8"	1/4"	11/16"	7/16"	45°	2 1/4"	D





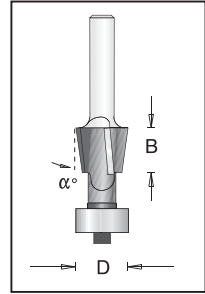
## Bevel Trim Bit with Down Shear, 2 Flutes



Parts page 114

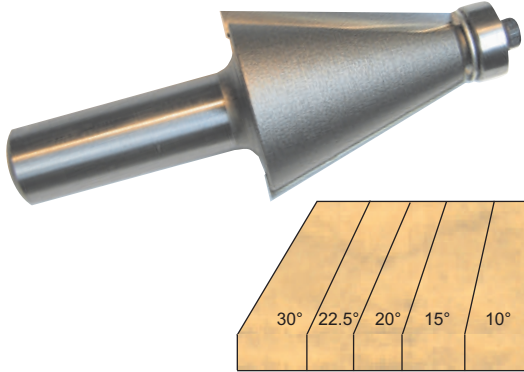


Category



Tool no.	D	Shank	B	α	Length	Parts
102RB4-12	19/32"	1/4"	1/2"	8°	2 5/16"	D

For smooth trimming on heavily glued area.



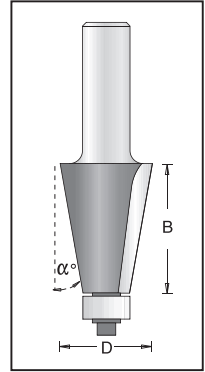
## Bevel Bits with Ball Bearing Guide, 2 Flutes



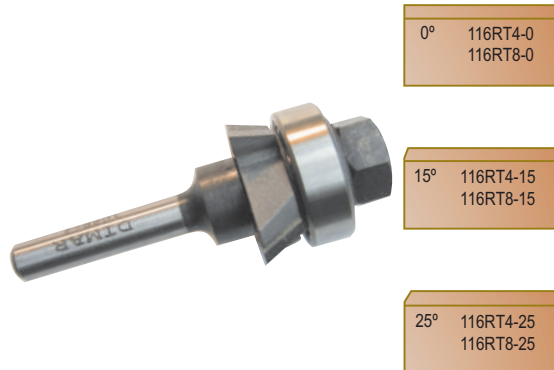
Parts page 114



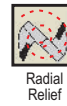
Category



Tool no.	D	Shank	B	α	Length	Parts
102R8-60	2 3/32"	1/2"	1 3/8"	30°	3 5/16"	D
102R8-67.5	1 41/64"	1/2"	1 3/8"	22.5°	3 5/16"	D
102R8-70	1 1/2"	1/2"	1 3/8"	20°	3 5/16"	D
102R8-75	1 15/64"	1/2"	1 3/8"	15°	3 5/16"	D
102R8-80	63/64"	1/2"	1 3/8"	10°	3 5/16"	D



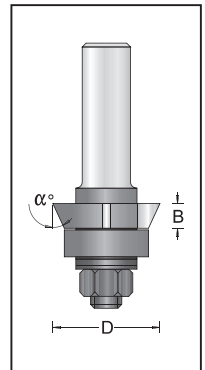
## Trim Cutter Assembly, 4 Flutes



Radial Relief



Category



Tool no.	D	Shank	α
116RT4-0	7/8"	1/4"	0°
116RT8-0	7/8"	1/2"	0°
116RT4-15	1"	1/4"	15°
116RT8-15	1"	1/2"	15°
116RT4-25	1 1/16"	1/4"	25°
116RT8-25	1 1/16"	1/2"	25°

Replacement Parts:

Ball Bearing: BB-22; Arbor 1/4" shank: 108R-4; Arbor 1/2" shank: 108R-12

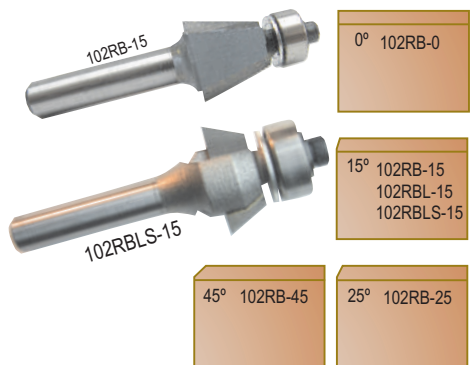
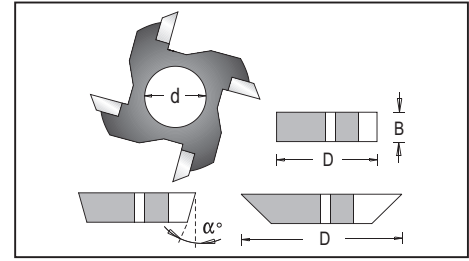
## Trim Cutters Only, 4 Flutes



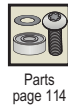
Category



Tool no.	D	d	α	B
116R-0	7/8"	5/16"	0°	1/4"
116R-15	1"	5/16"	15°	1/4"
116R-25	1 1/16"	5/16"	25°	1/4"



## Bevel Trim Bits with Ball Bearing Guide, 2 Flutes



Parts page 114



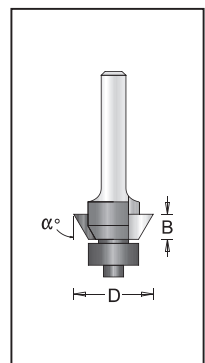
Radial Relief



Available in RCB



Category



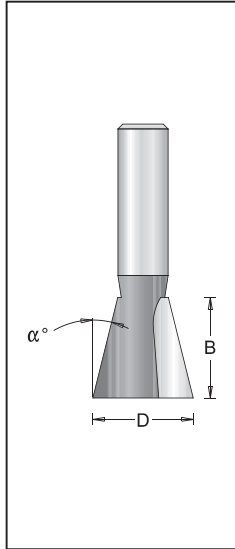
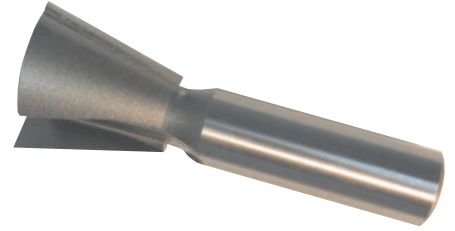
Tool no.	Flutes	D	Shank	B	α	Length	Parts
102RB-0	2	1/2"	1/4"	1/4"	0°	2 1/8"	D
102RB-15	2	5/8"	1/4"	1/4"	15°	2 1/8"	D
102RBL-15	2	7/8"	1/4"	3/8"	15°	2"	S
102RBL-15	2	5/8"	1/4"	1/2"	15°	2"	C
102RB-25	2	3/4"	1/4"	1/4"	25°	2 1/8"	D
102RB-45	2	1"	1/4"	1/4"	45°	2 1/8"	D



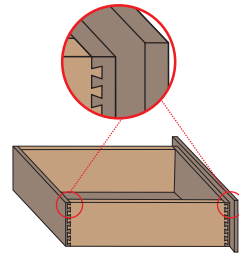
## Dovetail Bits, Right Hand Rotation 2 Flutes



Radial Relief



Tool no.	D	Shank	B	$\alpha$	Length
104R4-5	13/64"	1/4"	5/32"	25°	2 3/8"
104R4-7.5	1/4"	1/4"	5/16"	7.5°	2 1/2"
104R4-8-9	5/16"	1/4"	3/8"	9°	2 1/2"
104R8-8-9	5/16"	1/2"	3/8"	9°	2 1/2"
104R4-10	3/8"	1/4"	3/8"	9°	1 5/8"
104R8-10	3/8"	1/2"	3/8"	9°	2 1/8"
104R6-10-9	3/8"	3/8"	3/8"	9°	2"
104R4-12	1/2"	1/4"	1/2"	14°	1 3/4"
104R8-12	1/2"	1/2"	1/2"	14°	2 3/16"
104R4-13	17/32"	1/4"	1/2"	14°	1 3/4"
104R8-16-7B	5/8"	1/2"	7/8"	7°	2 9/16"
104R8-19-7	3/4"	1/2"	7/8"	7°	2 1/2"
104R8-19-14	3/4"	1/2"	3/4"	14°	2 1/2"
104R8-22-7	7/8"	1/2"	7/8"	7°	2 3/8"
104R8-22-14	7/8"	1/2"	7/8"	14°	2 5/8"
104R8-25	1"	1/2"	1"	14°	2 5/8"
104R8-28	1 1/8"	1/2"	3/4"	7°	2 3/8"
104R8-32	1 1/4"	1/2"	1"	14°	2 5/16"

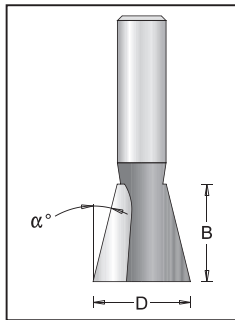
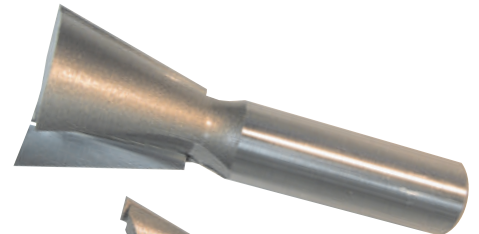


## Dovetail Bits, Left Hand Rotation 2 Flutes

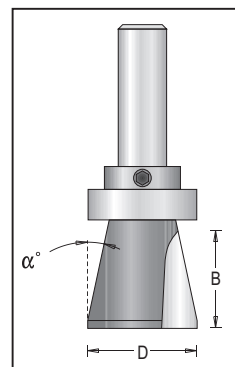


Left Hand Rotation

Radial Relief



Tool no.	D	Shank	B	$\alpha$	Length
104R4-8-9L	5/16"	1/4"	3/8"	9°	2 1/2"
104R8-10L	3/8"	1/2"	3/8"	9°	1 5/8"
104R4-12L	1/2"	1/4"	1/2"	14°	1 3/4"
104R8-12L	1/2"	1/2"	1/2"	14°	2 1/4"
104R8-16-7BL	5/8"	1/2"	7/8"	7°	2 1/16"
104R8-19-7L	3/4"	1/2"	3/4"	7°	2 5/16"
104R8-22-7L	7/8"	1/2"	7/8"	7°	2 3/8"
104R8-22-14L	7/8"	1/2"	7/8"	14°	2 5/8"
104R8-25L	1"	1/2"	1"	14°	2 5/8"
104R8-28L	1 1/8"	1/2"	3/4"	7°	2 3/8"



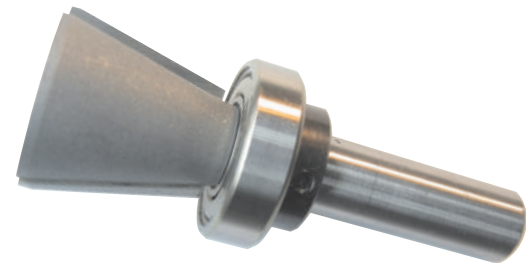
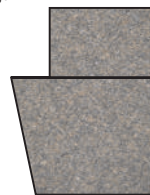
## Topmounted Bowl & Countertop Bits, 2 Flutes



Parts page 114



Category



For Solid Surface

Tool no.	D	Shank	B	$\alpha$	Length	Parts
104RC8-28	1 1/8"	1/2"	1"	12°	3 1/8"	BB



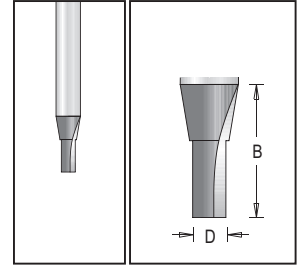
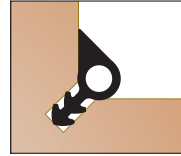
## Tee/Bumper Moulding Bits, 2 Flutes



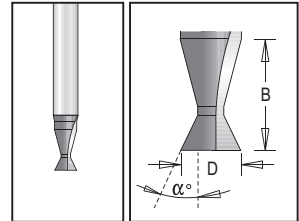
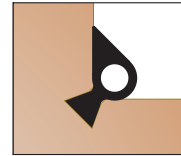
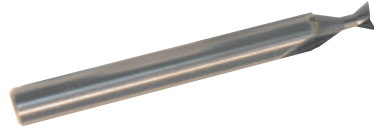
Solid Carbide Cutting Edges



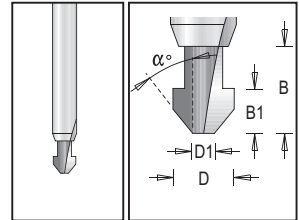
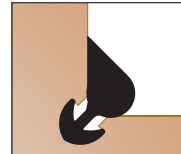
Radial Relief



Tool no.	D	Shank	B	Length
107RL4-3	1/8"	1/4"	5/16"	2 3/16"



Tool no.	D	Shank	B	$\alpha$	Length
104R4-5	13/64"	1/4"	5/32"	25°	2 3/8"



Tool no.	D	D1	Shank	B	B1	$\alpha$	Length
104R4-6	7/32"	5/64"	1/4"	5/32"	5/16"	38°	2 9/16"

ROUTING  
CARBIDE TIPPED

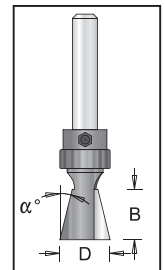
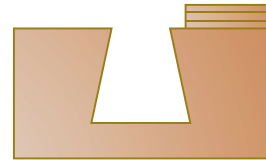
## Dovetail With Ball Bearing, 2 Flutes



Parts page 114

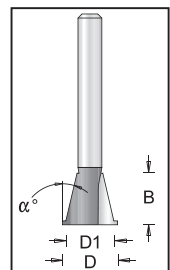


Radial Relief



Tool no.	D	Shank	B	$\alpha$	Length	Parts
104RC4-12	1/2"	1/4"	1/2"	14°	2 1/4"	F

## Dovetail Bit With Spurs, 2 Flutes



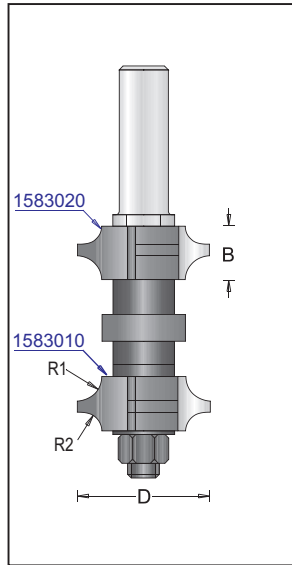
Perfect solution when glue is applied. Allows the glue to flow between the bonded wood pieces.

Tool no.	D1	D2	Shank	B	$\alpha$	Length
104R4-12 SP	9/16"	1/2"	1/4"	17/32"	13°	2 3/16"

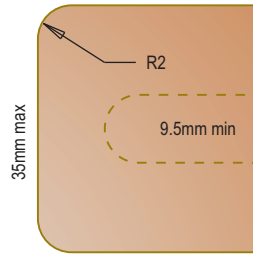




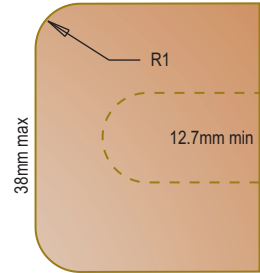
## Adjustable Rounding Over Set, 3 Flutes



Fully adjustable set for corner rounding top and bottom in just one pass



For 3/16" Radius use wood thickness from 3/8" < through > 1 3/8".

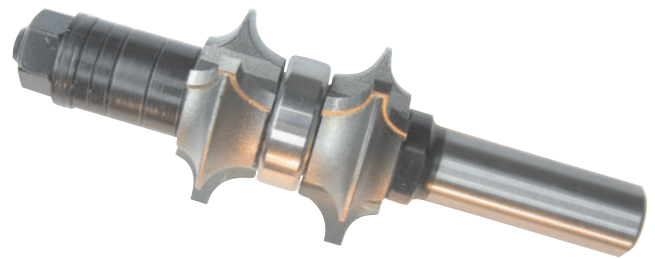


For 1/4" Radius use wood thickness from 1/2" < through > 1 1/2".

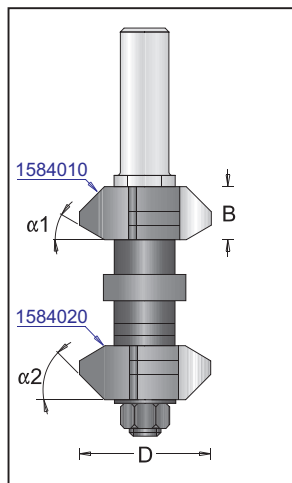
Tool no.	D	R1	R2	Shank	Length
158RR	1 3/8"	1/4"	3/16"	1/2"	4 1/4"

Replacement Parts:

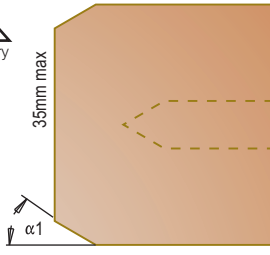
Top Cutter: 1583020; Bottom Cutter: 1583010;  
Ball Bearing: BB-22; Arbor & Nut: 1900118;  
Spacer 1.0mm (3Pcs.): 1920110;  
Spacer 3.0mm (2Pcs.): 1920150;  
Spacer 6.0mm (2Pcs.): 1920160;  
Spacer 0.5mm (1Pc): 1920130;  
Spacer 0.1mm (4Pcs.): 1921000



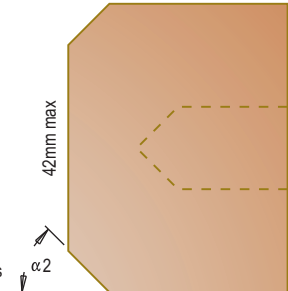
## Adjustable Chamfering Set, 3 Flutes



Fully adjustable set for corner bevelling top and bottom in just one pass



For 30° Degrees use wood thickness up to 1 3/8".

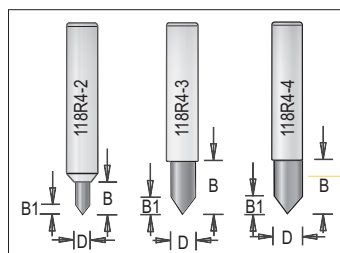
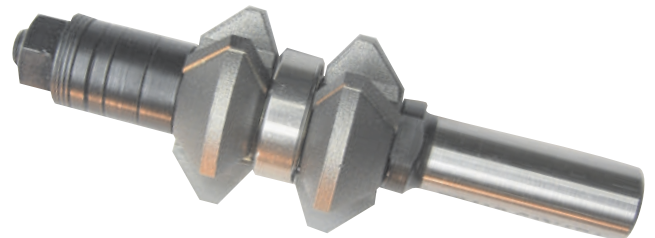


For 45° Degrees use wood thickness up to 1 5/8".

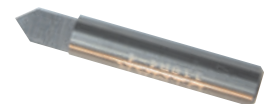
Tool no.	D	α1	α2	Shank	Length
158RC	1 3/8"	30°	45°	1/2"	4 1/4"

Replacement Parts:

Top Cutter: 1584010; Bottom Cutter: 1584020;  
Ball Bearing: BB-22; Arbor & Nut: 1900118;  
Spacer 1.0mm (4Pcs.): 1920110;  
Spacer 3.0mm (2Pcs.): 1920150;  
Spacer 6.0mm (2Pcs.): 1920160;  
Spacer 0.5mm (1Pcs): 1920130;  
Spacer 0.1mm (4Pcs.): 1921000

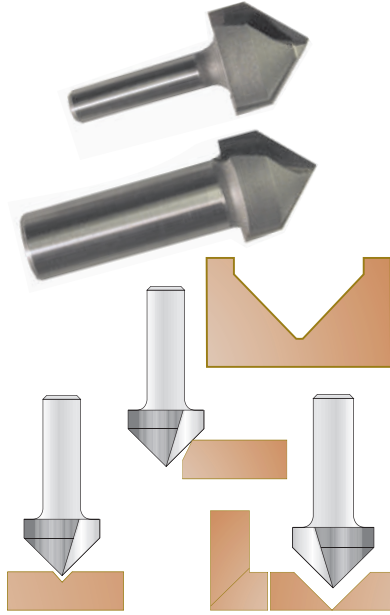


## V-Groover and Scorer - 90° Bits, Solid Carbide



Tool no.	D	Shank	B	B1	Length
118R4-2	1/8"	1/4"	1/4"	1/16"	1 1/2"
118R4-3	3/16"	1/4"	1/4"	3/32"	1 1/2"
118R4-4	1/4"	1/4"	3/8"	1/8"	1 1/2"

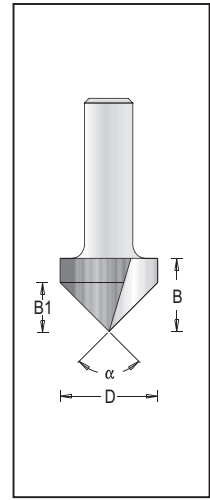




## "V" Grooving Bits, 2 Flutes



Tool no.	D	Shank	B	B1	$\alpha$	Length
105R4-10	3/8"	1/4"	3/8"	3/16"	90°	1 3/4"
105R8-10	3/8"	1/2"	13/32"	3/16"	90°	1 3/4"
105R4-12-60	1/2"	1/4"	5/8"	13/32"	60°	1 3/4"
105R4-12-90	1/2"	1/4"	15/32"	1/4"	90°	1 3/4"
105R8-12	1/2"	1/2"	7/16"	1/4"	90°	2 1/8"
105R4-16	5/8"	1/4"	15/32"	5/16"	90°	1 3/4"
105R8-16	5/8"	1/2"	1/2"	5/16"	90°	2 1/8"
105R4-19	3/4"	1/4"	5/8"	3/8"	90°	1 3/4"
105R8-19	3/4"	1/2"	5/8"	3/8"	90°	2 1/4"
105R4-22	7/8"	1/4"	23/32"	7/16"	90°	2"
105R8-22	7/8"	1/2"	23/32"	7/16"	90°	2 1/4"
105R4-25	1"	1/4"	5/8"	1/2"	90°	1 3/4"
105R8-25	1"	1/2"	3/4"	1/2"	90°	2 3/8"
105R8-32	1 1/4"	1/2"	1"	5/8"	90°	2 1/2"
105R8-38	1 1/2"	1/2"	1 1/4"	3/4"	90°	2 7/8"
105R8-45	1 3/4"	1/2"	1 1/2"	7/8"	90°	3"
105R8-50	2"	1/2"	1 3/4"	1"	90°	3"

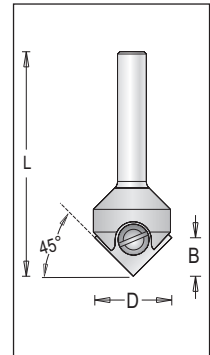


## V Groove Bit, 1 Flute

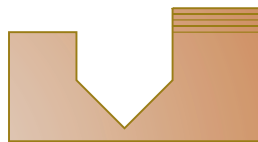


Tool no.	Knife #	D	Shank	B	Length
5R4-18	L12	11/16"	1/4"	11/32"	2 1/16"

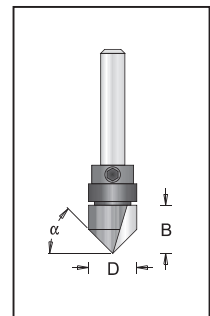
Replacement Parts:  
Knife: L12 12x12x1.5; Flat head screw for knife: 1930355  
Price per single knife.



## "V" Groove w/ Ball Bearing, 2 Flutes



Tool no.	D	Shank	B	$\alpha$	Length	Parts
105RC4-12	1/2"	1/4"	1/2"	45°	2"	F

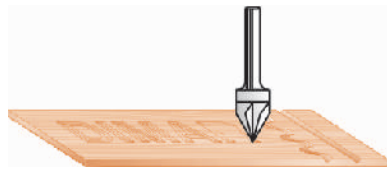
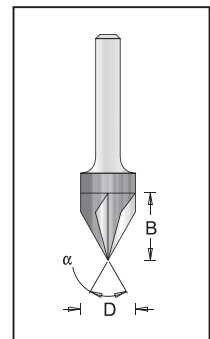


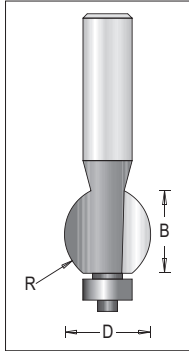
## Solid Carbide Engraving Bit, 3 Flutes



Signmaking bit. Cut width from 0.5mm to 14mm.

Tool no.	D	Shank	B	$\alpha$	Length
105RR4-60	9/16"	1/4"	7/8"	60°	2 1/4"





## Convex Beading Bits, 2 Flutes



Category

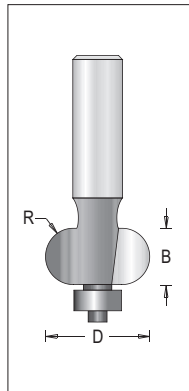
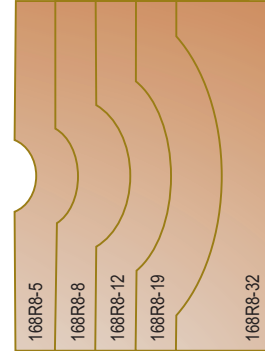


Flat Screw



Parts  
page 114

Tool no.	D	Shank	B	R	Length	Parts
168R8-5	3/4"	1/2"	3/8"	3/16"	2 5/8"	D
168R8-8	3/4"	1/2"	1/2"	5/16"	2 3/4"	D
168R8-12	7/8"	1/2"	3/4"	15/32"	3 1/16"	D
168R8-19	7/8"	1/2"	1"	3/4"	3 3/8"	D
168R8-32	1"	1/2"	1 1/2"	1 1/4"	3 7/8"	D



## Convex Beading Bits, 2 Flutes



Category

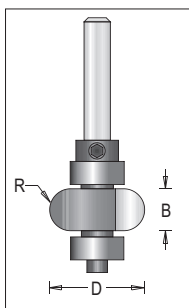
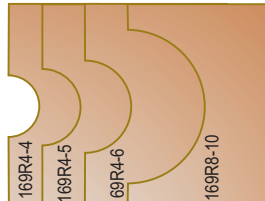


Flat Screw



Parts  
page 114

Tool no.	D	Shank	B	R	Length	Parts
169R4-4	13/16"	1/4"	5/16"	5/32"	1 7/8"	D
169R4-5	7/8"	1/4"	3/8"	3/16"	2"	D
169R4-6	31/32"	1/4"	15/32"	15/64"	2"	D
169R8-10	1 1/4"	1/2"	25/32"	25/64"	3"	D



## Convex Beading Bits with Centre Ball Bearing, 2 Flutes



Category

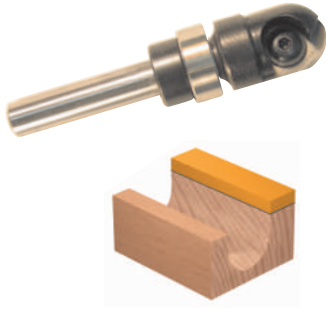
Tool no.	D	Shank	B	R	Length
169RC4-3	3/4"	1/4"	1/4"	1/8"	2 1/4"
169RC4-5	7/8"	1/4"	25/64"	13/64"	2 3/8"

Replacement Parts:  
 Lock Ring: 1970110; Screw for lock ring: 1930211;  
 Centre Ball Bearing: BB-12A; Washer: 1920070; Bottom Ball Bearing: BB-12;  
 Spring Washer: 1950010; Screw: 1930010



169RC4-3 169RC4-5



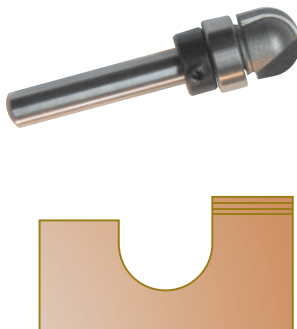
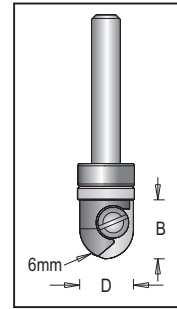


## Core Box Bit, 1 Flute Insert Tooling



Tool no.	Knife #	D	Shank	B	Length
6R4-6M	3106506	1/2"	1/4"	1/2"	2 5/16 "

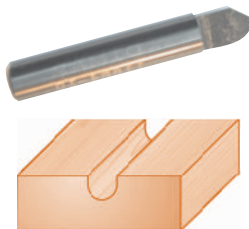
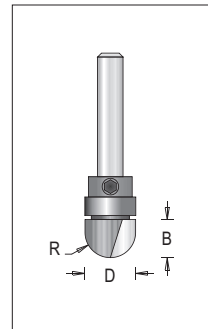
Replacement Parts:  
 Knife: 3106506 13 x 9 x1.5; Ball Bearing: BB-12A;  
 Flat head screw for knife: 1930355; Lock Ring: 1970110



## Core Box with Ball Bearing, 2 Flutes



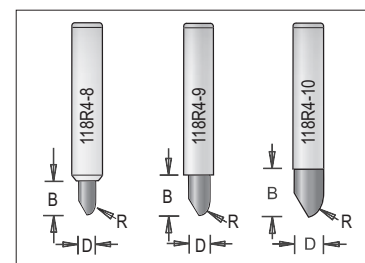
Tool no.	D	Shank	B	R	Length	Parts
106RC4-6	1/2"	1/4"	1/2"	1/4"	2"	F

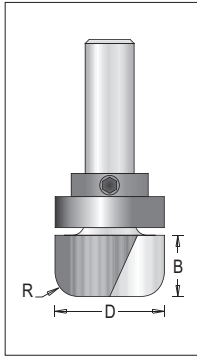


## Round Bottom Veining Bits, Solid Carbide



Tool no.	D	Shank	B	R	Length
118R4-8	1/8"	1/4"	3/16"	1/16"	1 1/2"
118R4-9	3/16"	1/4"	1/4"	3/32"	1 1/2"
118R4-10	1/4"	1/4"	11/32"	1/8"	1 1/2"





## Cove Plunge Bits with Centre Ball Bearing, 2 Flutes



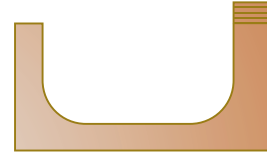
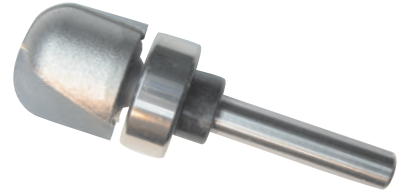
Category



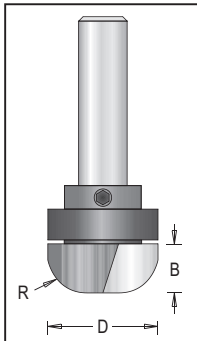
Plunge



Parts  
page 114



Tool no.	D	Shank	B	R	Length	Parts
183R4-3	1/2"	1/4"	1/2"	1/8"	2 1/8"	F
183R4-6	3/4"	1/4"	5/8"	1/4"	2 5/16"	P
183R8-6	3/4"	1/2"	5/8"	1/4"	2 5/16"	U
183R8-7	1 1/8"	1/2"	5/8"	1/4"	2 5/8"	BB



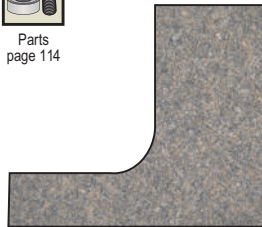
## Core Box Bit, 2 Flutes



Category



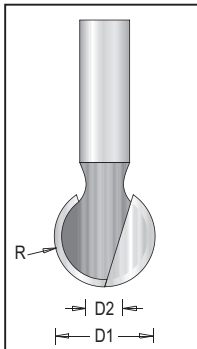
Parts  
page 114



For Solid Surface



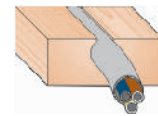
Tool no.	D	Shank	B	R	Length	Parts
106RC8-10	1 1/8"	1/2"	1/2"	25/64"	2 7/8"	PP



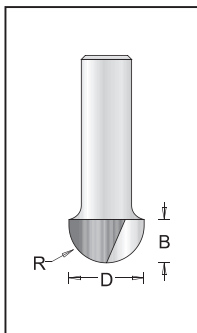
## Ball Grooving Bits, 2 Flutes



Category



Tool no.	D1	D2	Shank	R	Length
190R8-12	1/2"	1/4"	1/2"	1/4"	2 1/4"
190R8-16	5/8"	9/32"	1/2"	5/16"	2 7/16"
190R8-19	3/4"	5/16"	1/2"	3/8"	2 1/2"
190R8-22	7/8"	5/16"	1/2"	7/16"	2 5/8"
190R8-25	1"	11/32"	1/2"	1/2"	2 3/4"
190R8-28	1 1/8"	13/32"	1/2"	9/16"	2 7/8"
190R8-32	1 1/4"	7/16"	1/2"	5/8"	3"



## Core Box Bits (Round Nose), 2 Flutes



Category



Tool no.	D	Shank	B	R	Length
106R4-1.5	1/8"	1/4"	3/8"	1/16"	1 3/4"
106R4-2.4	3/16"	1/4"	1/2"	3/32"	1 3/4"
106R4-3	1/4"	1/4"	1/2"	1/8"	1 3/4"
106R4-4	5/16"	1/4"	1/2"	5/32"	1 1/2"
106R4-5	3/8"	1/4"	1/4"	3/16"	1 1/2"
106R8-5	3/8"	1/2"	1/4"	3/16"	1 7/8"
106R4-5.5	7/16"	1/4"	5/8"	7/32"	1 3/4"
106R8-5.5	7/16"	1/2"	5/8"	7/32"	2 3/8"
106R4-6	1/2"	1/4"	5/16"	1/4"	1 1/2"
106R8-6	1/2"	1/2"	5/16"	1/4"	2"
106R4-8	5/8"	1/4"	3/8"	5/16"	1 1/2"
106R8-8	5/8"	1/2"	3/8"	5/16"	2"
106R4-10	3/4"	1/4"	1/2"	3/8"	1 1/2"
106R8-10	3/4"	1/2"	1/2"	3/8"	2"
106R8-11	7/8"	1/2"	5/8"	7/16"	2"
106R4-12	1"	1/4"	5/8"	1/2"	1 3/4"
106R8-12	1"	1/2"	5/8"	1/2"	2 3/16"
106R8-16	1 1/4"	1/2"	3/4"	5/8"	2 3/16"



## Core Box Bits (Round Nose), 2 Flutes

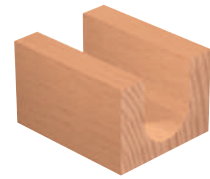
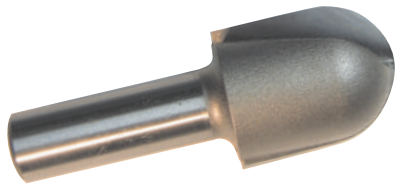
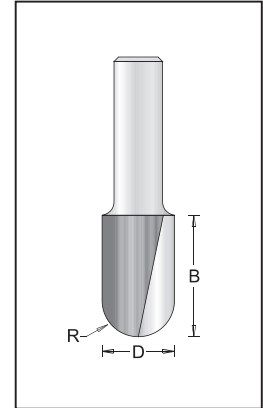


Category



Plunge

Tool no.	D	Shank	B	R	Length
106RL8-5	3/8"	1/2"	1"	3/16"	2 3/4"
106RL8-6	1/2"	1/2"	1 1/4"	1/4"	2 3/4"
106RL8-7	9/16"	1/2"	1 1/4"	9/32"	2 3/4"
106RL8-8	5/8"	1/2"	1 1/4"	5/16"	2 3/4"
106RL8-10	3/4"	1/2"	1 1/4"	3/8"	2 3/4"
106RL8-11	7/8"	1/2"	1 1/4"	7/16"	2 3/4"
106RL8-12	1"	1/2"	1 1/4"	1/2"	2 3/4"
106RL8-16	1 1/4"	1/2"	1 1/4"	5/8"	2 3/4"
106RL8-19	1 1/2"	1/2"	1 1/4"	3/4"	2 3/4"
106RL8-25	2"	1/2"	1 1/4"	1"	2 3/4"



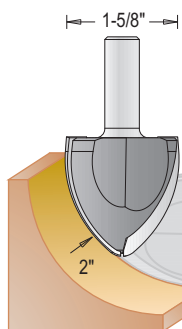
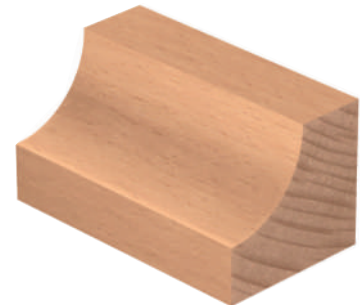
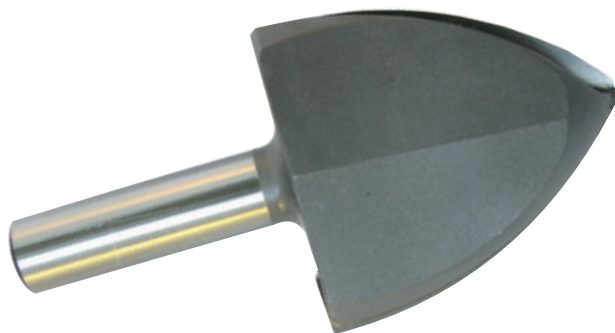
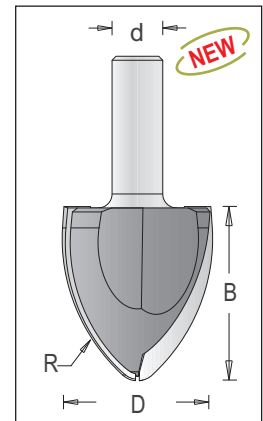
## Large Radius Ovolo Bits, 2 Flutes



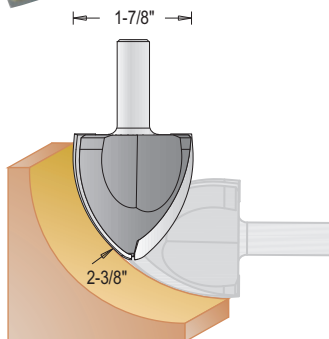
Dealer Net Price  
in effect

DIMAR newly developed extra-large cove bits will create perfect coves that are easy to make using your router. Cove bits create classic decorative indented edging and inverted radius to traditional pieces of furniture, or architectural crown mouldings.

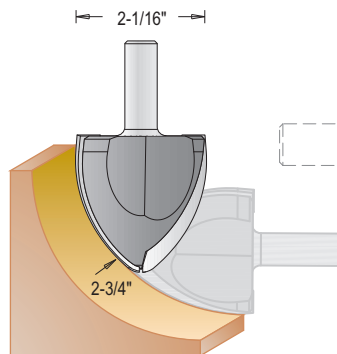
Tool no.	D	Shank	B	R	Length
112ROV8-50	1 5/8"	1/2"	1 3/4"	2"	3 1/4"
112ROV8-60	1 7/8"	1/2"	2"	2 3/8"	3 1/2"
112ROV8-70	2 1/16"	1/2"	2 3/16"	2 3/4"	3 13/16"



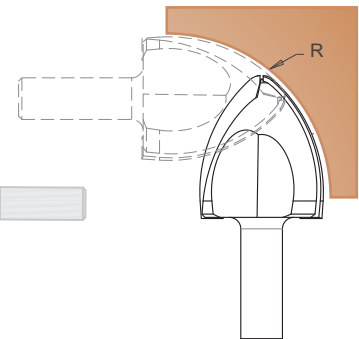
112ROV8-50

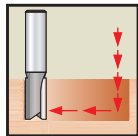


112ROV8-60



112ROV8-70





## Plunge

Straight Router Bits such as Dimar's 107R series are intended mainly for two routing applications:

• Side Routing:  
Penetration into the side of wood for Beading, Grooving or Slotting and Dado operations.



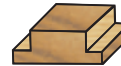
• Plunge (Bottom) Routing:  
Penetration into wood surface for Drilling, Grooving or Mortising. The desired grooves can be relatively deep and chip clearance at the bottom has great importance, especially at high feed rates.



As a result of significant design improvements by DIMAR, the Bits now have the following outstanding feature:



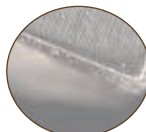
Newly developed ANGLE geometry has been applied at the bit's bottom. Since this edge is the very first one to constantly encounter the wood, ease and fast clearance of the chips improves considerably in production of "Blind Grooves" and "Open Slots".



## D NAMIC

A newly developed type of extended life D NAMIC carbide Router bits by DIMAR.

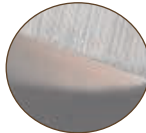
- New generation of high wear resistance carbide.
- Up to 200% longer life time especially when working with abrasive materials.
- New superior geometric design.
- Cleaner cut than other existing carbides.
- Final results and tool life that makes it the most cost effective Router Bits today!



Regular Carbide



Starting Point



+200%

D NAMIC Carbide



Standard Straight Bit



D NAMIC Straight Bit

## Straight Bits 1/4" Shank, 1 Flute



Category



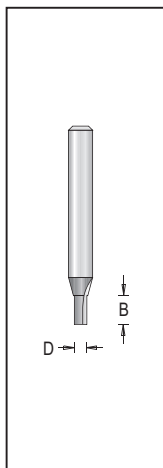
Solid Carbide Cutting Edges



Plunge



Radial Relief



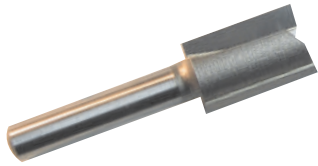
Tool no.	D	Shank	B	Length
* 107R4-1.5S/F	1/16"	1/4"	3/16"	1 7/8"
* 107R4-3S/F	1/8"	1/4"	7/16"	2"
* 107R4-4S/F	5/32"	1/4"	7/16"	2"
* 107R4-5S/F	3/16"	1/4"	7/16"	2"
* 107R4-6AS/F	1/4"	1/4"	1/2"	2"
107R4-6S/F	1/4"	1/4"	3/4"	2"
107RL4-6S/F	1/4"	1/4"	1"	2 1/4"
107R4-7S/F	9/32"	1/4"	3/4"	2"
107RL4-8S/F	5/16"	1/4"	1"	2 1/4"
107R4-10S/F	3/8"	1/4"	3/4"	1 15/16"
107RL4-10S/F	3/8"	1/4"	1"	2 3/8"
107R4-12S/F	1/2"	1/4"	3/4"	1 3/4"
107RL4-12S/F	1/2"	1/4"	1"	2 1/8"
107R4-16S/F	5/8"	1/4"	3/4"	1 15/16"
107R4-19S/F	3/4"	1/4"	3/4"	1 3/4"

\*Cutting edges



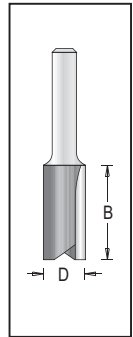


## Straight Bits 1/4" Shank, Metric, 2 Flutes



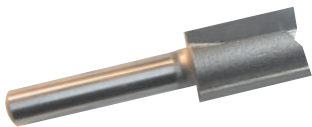
Tool no.	D	Shank	B	Length
* 107R4-3M	3mm	1/4"	5/16"	1 9/16"
* 107R4-4M	4mm	1/4"	7/16"	2"
* 107R4-5M	5mm	1/4"	7/16"	2"
* 107R4-6M	6mm	1/4"	3/4"	2"
107R4-7M	7mm	1/4"	3/4"	2"
107R4-8M	8mm	1/4"	3/4"	2"
107RL4-8M	8mm	1/4"	1"	2 1/4"
107R4-9M	9mm	1/4"	3/4"	2"
107R4-10M	10mm	1/4"	3/4"	2"
107R4-11M	11mm	1/4"	3/4"	2"
107R4-12M	12mm	1/4"	3/4"	2"
107R4-13M	13mm	1/4"	3/4"	2"
107R4-14M	14mm	1/4"	3/4"	2"
107R4-15M	15mm	1/4"	3/4"	2"
107R4-16M	16mm	1/4"	3/4"	2"
107RL4-16M	16mm	1/4"	1 1/4"	2 1/2"
107R4-17M	17mm	1/4"	3/4"	2"
107R4-18M	18mm	1/4"	3/4"	2"
107R4-19M	19mm	1/4"	3/4"	2"
107R4-20M	20mm	1/4"	3/4"	2"
107R4-21M	21mm	1/4"	3/4"	2"
107R4-22M	22mm	1/4"	3/4"	2"
107R4-25M	25mm	1/4"	3/4"	2"

\*Solid carbide cutting edges

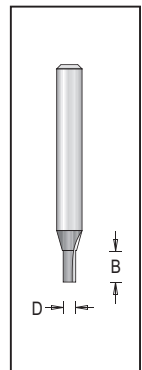


ROUTING  
CARBIDE TIPPED

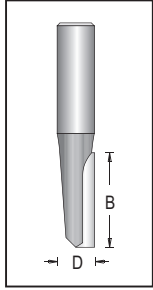
## Straight Bits 1/4" Shank, 2 Flutes



Tool no.	D	Shank	B	Length
* 107R4-1.5	1/16"	1/4"	3/16"	1 7/8"
* 107R4-2.4	3/32"	1/4"	1/4"	1 7/8"
* 107R4-3	1/8"	1/4"	7/16"	2"
* 107RL4-3	1/8"	1/4"	5/16"	2 3/16"
107R4-4	5/32"	1/4"	7/16"	2"
107R4-5	3/16"	1/4"	7/16"	2"
107RL4-5	3/16"	1/4"	5/8"	2 1/8"
107R4-5.5	7/32"	1/4"	3/4"	1 7/8"
107R4-6A	1/4"	1/4"	1/2"	2"
107R4-6	1/4"	1/4"	3/4"	2"
107RL4-6	1/4"	1/4"	1"	2 1/4"
107R4-7	9/32"	1/4"	3/4"	2"
107RL4-7	9/32"	1/4"	1"	2 1/4"
107R4-8	5/16"	1/4"	3/4"	2"
107RL4-8	5/16"	1/4"	1"	2 1/4"
107R4-10	3/8"	1/4"	3/4"	2"
107RL4-10	3/8"	1/4"	1"	2 1/4"
107RLS4-10	3/8"	1/4"	1 1/4"	2 1/2"
107R4-11	7/16"	1/4"	3/4"	2"
107RL4-11	7/16"	1/4"	1"	2 1/8"
107R4-12	1/2"	1/4"	3/4"	2"
107RL4-12	1/2"	1/4"	1"	2 1/8"
107RLS4-12	1/2"	1/4"	1 1/4"	2 1/2"
107R4-16	5/8"	1/4"	3/4"	2"
107RL4-16	5/8"	1/4"	1"	2 1/4"
107R4-18	11/16"	1/4"	3/4"	2"
107RL4-18	11/16"	1/4"	1"	2 1/4"
107R4-19	3/4"	1/4"	3/4"	2"
107RL4-19	3/4"	1/4"	1"	2 1/4"
107R4-20	13/16"	1/4"	3/4"	2"
107R4-22	7/8"	1/4"	3/4"	2"
107R4-25	1"	1/4"	3/4"	2"





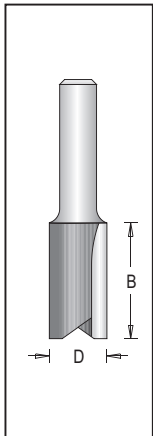


## Straight Bits 3/8" Shank, 1 Flute



Tool no.	D	Shank	B	Length
107R6-6S/F	1/4"	3/8"	3/4"	2 1/4"
107R6-10S/F	3/8"	3/8"	1"	2 11/16"
107RL6-10S/F	3/8"	3/8"	1 1/4"	2 5/8"

## Straight Bits 3/8" Shank, 2 Flutes

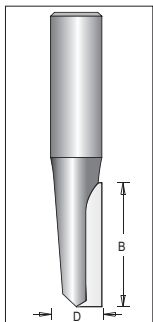


Tool no.	D	Shank	B	Length
*107R6-3	1/8"	3/8"	7/16"	2"
107R6-4	5/32"	3/8"	7/16"	2"
107R6-5	3/16"	3/8"	7/16"	2"
107R6-6	1/4"	3/8"	3/4"	2 1/4"
107RL6-8	5/16"	3/8"	1"	2 1/2"
107R6-10A	3/8"	3/8"	3/4"	2 1/4"
107R6-10	3/8"	3/8"	1"	2 1/2"
107RL6-10	3/8"	3/8"	1 1/4"	2 3/4"
107R6-11	7/16"	3/8"	1"	2 1/2"
107R6-12	1/2"	3/8"	1"	2 1/2"
107RL6-12	1/2"	3/8"	1 1/4"	2 1/2"
107R6-16	5/8"	3/8"	3/4"	2 1/4"
107R6-22	7/8"	3/8"	3/4"	2 1/4"
107R6-25	1"	3/8"	3/4"	2 1/4"



\* Solid carbide cutting edges

## Straight Bits 1/2" Shank 1 Flute



Tool no.	D	Shank	B	Length
107R8-6S/F	1/4"	1/2"	3/4"	2 1/2"
107RL8-6S/F	1/4"	1/2"	1"	2 1/2"
107RL8-8S/F	5/16"	1/2"	1"	2 3/4"
107R8-10S/F	3/8"	1/2"	1"	2 1/2"
107RL8-10S/F	3/8"	1/2"	1 1/4"	3"
107R8-12S/F	1/2"	1/2"	1"	2 1/2"
107RL8-12S/F	1/2"	1/2"	1 1/4"	2 7/8"
107RLS8-12SF	1/2"	1/2"	1 1/2"	3 1/8"
107RLSW8-12S	1/2"	1/2"	2"	4 1/4"
107RL8-14S/F	9/16"	1/2"	1 1/4"	2 7/8"



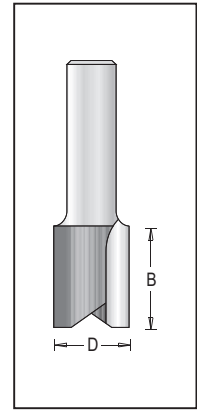


## Straight Bits 1/2" Shank, 2 Flutes

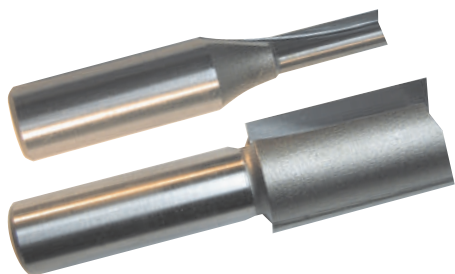


Tool no.	D	Shank	B	Length
*107R8-5.9	15/64"	1/2"	3/4"	2 1/2"
*107R8-6	1/4"	1/2"	1/2"	2"
*107RL8-6	1/4"	1/2"	3/4"	2 1/2"
107RLS8-6	1/4"	1/2"	1"	2 1/2"
107R8-8	5/16"	1/2"	3/4"	2 1/2"
107RL8-8	5/16"	1/2"	1"	2 1/2"
107R8-10	3/8"	1/2"	3/4"	2 1/2"
107RL8-10	3/8"	1/2"	1"	2 3/4"
107RLS8-10	3/8"	1/2"	1 1/4"	3"
107RL8-10.3	13/32"	1/2"	1"	2 3/4"
107R8-11	7/16"	1/2"	1"	2 5/8"
107RL8-11	7/16"	1/2"	1 1/4"	3"
107R8-12.3	31/64"	1/2"	1"	2 5/8"
107R8-12	1/2"	1/2"	1"	2 5/8"
107RL8-12	1/2"	1/2"	1 1/4"	2 7/8"
107RLS8-12P	1/2"	1/2"	1 1/2"	4 1/4"
107RLS8-12	1/2"	1/2"	1 1/2"	3"
107RLSW8-12	1/2"	1/2"	2"	4 1/4"
107RLSWX8-12	1/2"	1/2"	2 1/2"	4 1/2"
107RL8-13.5	17/32"	1/2"	1 1/4"	2 7/8"
107RL8-14	9/16"	1/2"	1 1/4"	2 7/8"
107R8-16	5/8"	1/2"	1"	2 5/8"
107RL8-16	5/8"	1/2"	1 1/4"	2 7/8"
107RLS8-16	5/8"	1/2"	1 1/2"	3"
107RLSW8-16	5/8"	1/2"	2"	3 5/8"
107RL8-16.7	21/32"	1/2"	1 1/4"	2 7/8"
107RL8-18	11/16"	1/2"	1 1/4"	2 7/8"
107RL8-18.2	23/32"	1/2"	1 1/4"	2 7/8"
107R8-19	3/4"	1/2"	1"	2 5/8"
107RL8-19	3/4"	1/2"	1 1/4"	2 7/8"
107RLS8-19	3/4"	1/2"	1 1/2"	3"
107RLSW8-19	3/4"	1/2"	2"	3 5/8"
107RL8-19.8	25/32"	1/2"	1 1/4"	2 7/8"
107RL8-20	13/16"	1/2"	1 1/4"	2 7/8"
107R8-22	7/8"	1/2"	1"	2 5/8"
107RL8-22	7/8"	1/2"	1 1/4"	2 7/8"
107R8-25	1"	1/2"	1"	2 5/8"
107RL8-25	1"	1/2"	1 1/4"	2 7/8"
107RLS8-25	1"	1/2"	1 1/2"	3"
107RLSW8-25	1"	1/2"	2"	3 5/8"
107RL8-27	1 1/16"	1/2"	1 1/4"	2 7/8"
107RL8-28.6	1 1/8"	1/2"	1 1/4"	2 7/8"
107RL8-32	1 1/4"	1/2"	1 1/4"	2 7/8"
107RL8-35	1 3/8"	1/2"	1 1/4"	2 7/8"
107RL8-38	1 1/2"	1/2"	1 1/4"	2 7/8"
107RL8-41	1 5/8"	1/2"	1 1/4"	2 7/8"
107RL8-44	1 3/4"	1/2"	1 1/4"	2 7/8"
107RL8-48	1 7/8"	1/2"	1 1/4"	2 7/8"
107RL8-51	2"	1/2"	1 1/4"	2 7/8"

\*Solid carbide cutting edges

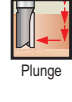


ROUTING  
CARBIDE TIPPED

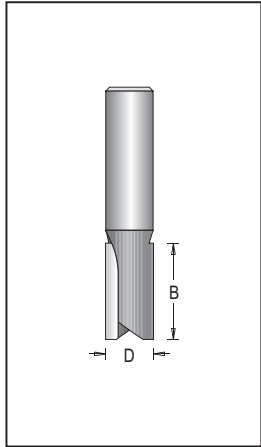




## Straight Bits, 1/2" Shank Left Hand Rotation, 2 Flutes



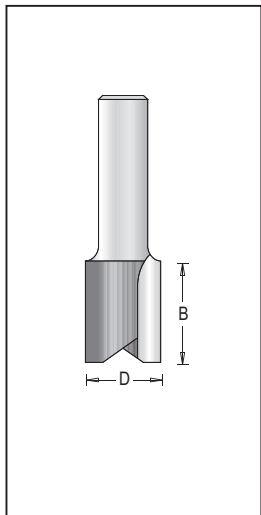
ROUTING  
CARBIDE TIPPED



Tool no.	D	Shank	B	Length
107R8-8L	5/16"	1/2"	3/4"	2 1/2"
107RL8-8L	5/16"	1/2"	1"	2 3/4"
107RL8-10L	3/8"	1/2"	1"	2 3/4"
107RL8-11L	7/16"	1/2"	1 1/4"	3"
107RL8-12L	1/2"	1/2"	1 1/4"	2 7/8"
107RLS8-12L	1/2"	1/2"	1 1/2"	3"
107RLSW8-12L	1/2"	1/2"	2"	4 1/4"
107RL8-12.3L	31/64"	1/2"	1 1/4"	2 7/8"
107RL8-14L	9/16"	1/2"	1 1/4"	2 7/8"
107RL8-16L	5/8"	1/2"	1 1/4"	2 7/8"
107RL8-19L	3/4"	1/2"	1 1/4"	2 7/8"
107RLSW8-19L	3/4"	1/2"	2"	3 5/8"
107RL8-20L	13/16"	1/2"	1 1/4"	2 7/8"
107RL8-22L	7/8"	1/2"	1 1/4"	2 7/8"
107RL8-25L	1"	1/2"	1 1/4"	2 7/8"

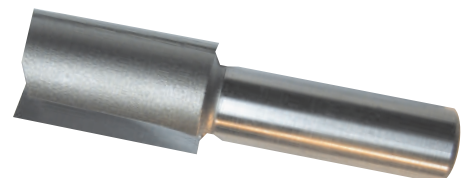


## Straight Bits 1/2" Shank, Metric, 2 Flutes



Tool no.	D	Shank	B	Length
*107R8-6M	6mm	1/2"	3/4"	2 1/2"
107R8-8M	8mm	1/2"	1"	2 5/8"
107R8-10M	10mm	1/2"	1"	2 1/2"
107RL8-10M	10mm	1/2"	1 1/4"	3"
107R8-12M	12mm	1/2"	1"	2 5/8"
107RL8-12M	12mm	1/2"	1 1/4"	2 7/8"
107RLS8-12M	12mm	1/2"	1 1/2"	3"
107RLSW8-12M	12mm	1/2"	2"	4 1/4"
107R8-14M	14mm	1/2"	1"	2 5/8"
107R8-16M	16mm	1/2"	1"	2 5/8"
107RL8-16M	16mm	1/2"	1 1/4"	2 7/8"
107RLS8-16M	16mm	1/2"	1 1/2"	3 1/8"
107RL8-18M	18mm	1/2"	1 1/4"	2 7/8"
107R8-19M	19mm	1/2"	1"	2 5/8"
107RL8-19M	19mm	1/2"	1 1/4"	2 7/8"
107RLS8-19M	19mm	1/2"	1 1/2"	3 1/8"
107R8-20M	20mm	1/2"	1"	2 5/8"
107RL8-20M	20mm	1/2"	1 1/4"	2 7/8"
107R8-22M	22mm	1/2"	1"	2 5/8"
107RL8-25M	25mm	1/2"	1 1/4"	2 7/8"
107RLS8-25M	25mm	1/2"	1 1/2"	3 1/8"
107RL8-27M	27mm	1/2"	1 1/4"	2 7/8"
107R8-30M	30mm	1/2"	1"	2 5/8"
107R8-35M	35mm	1/2"	1"	2 5/8"
107RL8-40M	40mm	1/2"	1 1/4"	2 7/8"
107RL8-51M	51mm	1/2"	1 1/4"	2 7/8"

\*Solid carbide cutting edges



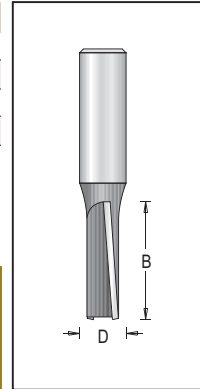


## Shear Cut Straight Bits, 2 Flutes



Tool no.	D	Shank	B	Length
107R8-10N	3/8"	1/2"	1"	2 3/4"
107RL8-12N	1/2"	1/2"	1 1/4"	2 7/8"
107RLS8-12N	1/2"	1/2"	1 1/2"	3 1/8"
107RLSW8-12N	1/2"	1/2"	2"	4 1/4"

Down Cut Shear angle of 3 degrees will produce best results in overhead routing of Veneer and Laminated boards.



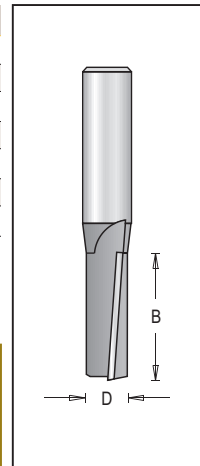
ROUTING  
CARBIDE TIPPED

## Up-Cut Shear Straight Bits, 2 Flutes



Tool no.	D	Shank	B	Length
107R8-10U	3/8"	1/2"	1"	2 3/4"
107R8-12U	1/2"	1/2"	1"	2 5/8"
107RL8-12U	1/2"	1/2"	1 1/4"	2 7/8"
107RLS8-12U	1/2"	1/2"	1 1/2"	3 1/8"
107RLSW8-12U	1/2"	1/2"	2"	4 1/4"
107RL8-19U	3/4"	1/2"	1 1/4"	2 7/8"
107RL8-25U	1"	1/2"	1 1/4"	2 7/8"

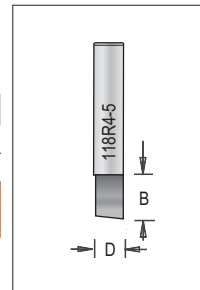
For faster feed rate and increased tool life. Used for deep grooving in hardwood, MDF and other man made materials.

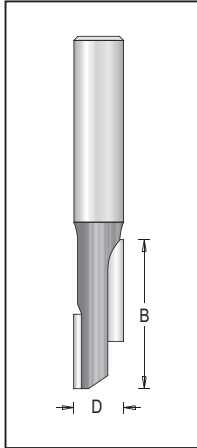


## Rip & Slotter Bit, Solid Carbide



Tool no.	D	Shank	B	Length
118R4-5	1/4"	1/4"	3/8"	1 1/2"

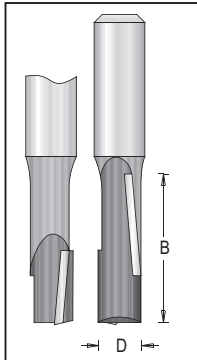




## Stagger Tooth Straight Bits



Tool no.	D	Shank	B	Length
119R4-6	1/4"	1/4"	1"	2 1/4"
119R6-10	3/8"	3/8"	1 3/8"	3"
119RL8-10	3/8"	1/2"	1 1/2"	3 1/8"
119RL8-12	1/2"	1/2"	1 1/2"	3 1/8"
119RLS8-12	1/2"	1/2"	2"	4 1/4"
119RLSW8-12	1/2"	1/2"	2 1/8"	4 1/4"

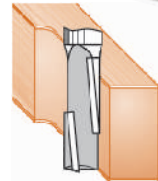


## Stagger Shear Tooth Bits

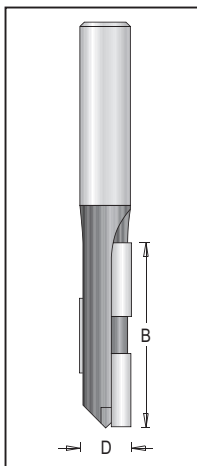


Double Flute unique design cutting angles.

Excellent routing on double sided melamine, laminated material and veneer. Suitable for plunge and rout jobs on cut-outs, doors, frames, etc. Works well on solid surface materials.



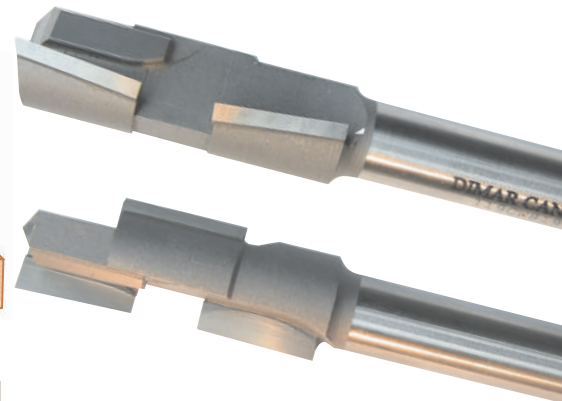
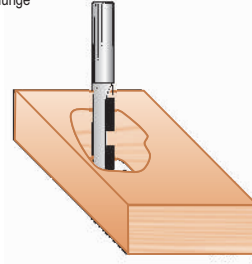
Tool no.	D	Shank	B	Length
119S812	1/2"	1/2"	1 1/4"	3 1/8"
119W812	1/2"	1/2"	2"	4 1/4"



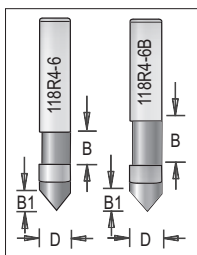
## Compression Bits



Compression bits are used in router machines, where the feed is fast and steady. Optimum finish is achieved on double sided laminated boards, hardwoods and wood composites.



Tool no.	D	Shank	B	Length
119CW919	3/4"	3/4"	2"	4 3/8"



## Flush Trimming Bits With Boring Point, Solid Carbide

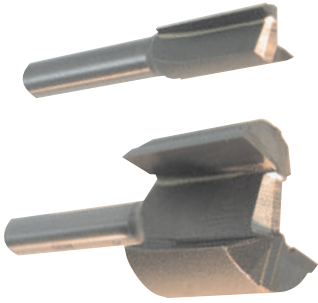


Tool no.	D	Shank	B	B1	Length
118R4-6	1/4"	1/4"	1/4"	3/16"	1 1/2"
118R4-6B	1/4"	1/4"	3/8"	3/16"	1 1/2"

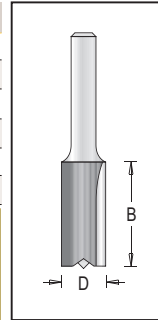




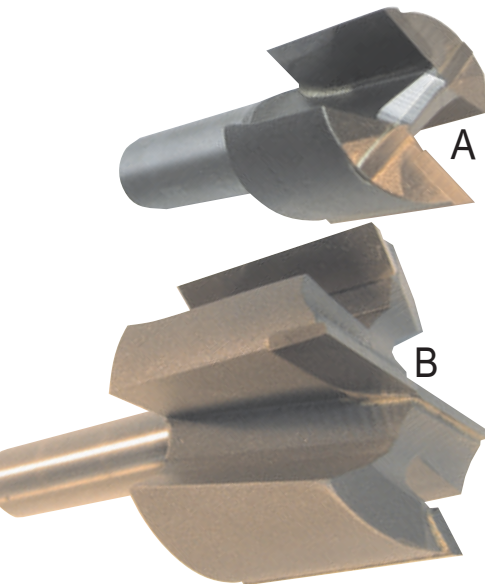
## Bottom Carbide Straight Bits for Plunging 1/4" Shank, 2 Flutes



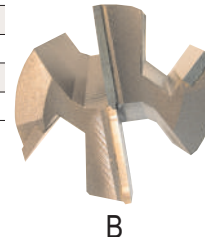
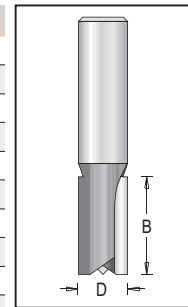
Tool no.	D	Shank	B	Length
B48	5/16"	1/4"	3/4"	2"
BL410	3/8"	1/4"	1"	2 1/4"
B412	1/2"	1/4"	3/4"	2"
BL412	1/2"	1/4"	1"	2 1/8"
B422	7/8"	1/4"	3/4"	2"
B425	1"	1/4"	3/4"	2"



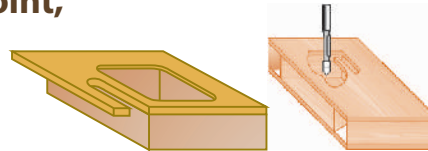
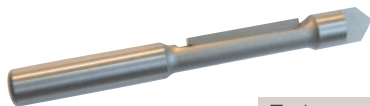
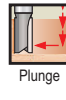
## Bottom Carbide Straight Bits for Plunging 1/2" Shank, 2 Flutes



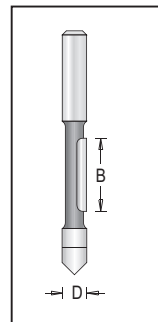
Tool no.	Type	D	Shank	B	Length
B88	A	5/16"	1/2"	3/4"	2 1/2"
B810	A	3/8"	1/2"	1 1/4"	3"
B811	A	7/16"	1/2"	1"	2 3/4"
B812	A	1/2"	1/2"	1"	2 5/8"
BL812	A	1/2"	1/2"	1 1/4"	2 7/8"
BS812	A	1/2"	1/2"	1 1/2"	3 1/8"
BW812	A	1/2"	1/2"	2"	4 1/4"
BL816	A	5/8"	1/2"	1 1/4"	2 7/8"
BW816	A	5/8"	1/2"	2"	3 3/4"
B819	A	3/4"	1/2"	1"	2 5/8"
BL822	A	7/8"	1/2"	1 1/4"	2 7/8"
B825	A	1"	1/2"	1"	2 5/8"
B841	B	1 5/8"	1/2"	1"	2 5/8"
BL845	B	1 3/4"	1/2"	1 1/4"	2 7/8"
BL848	B	1 7/8"	1/2"	1 1/4"	2 7/8"



## Panel Pilot with Drilling Point, 1 Flute



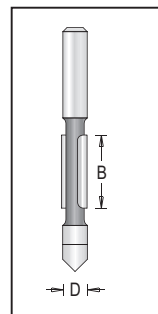
Tool no.	D	Shank	B	Length
115R4-6S/F	1/4"	1/4"	3/4"	2 1/2"
115R6-10S/F	3/8"	3/8"	1"	3"
115R8-12S/F	1/2"	1/2"	1 3/16"	3 1/2"



## Panel Pilot with Drilling Point, 2 Flutes



Tool no.	D	Shank	B	Length
115R4-6	1/4"	1/4"	3/4"	2 1/2"
115R6-10	3/8"	3/8"	1"	3"
115R8-12	1/2"	1/2"	1 3/16"	3 1/2"
115RW8-12	1/2"	1/2"	2"	4 3/8"





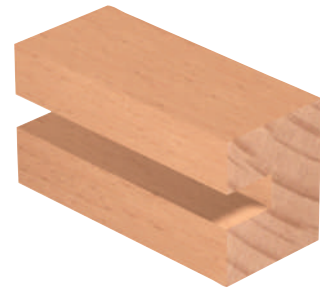
## Adjustable Slotting Router Bit System



Adjustable Slotting Router Bits offer the flexibility of adjusting the kerf to the desired width, from 1/8" to 1/4" or 1/4" to 1/2" without the use of shims. By releasing the counter nut, one can set the kerf using a precise dial. By rotating the dial, you are able to change the kerf in 0.01" increments.

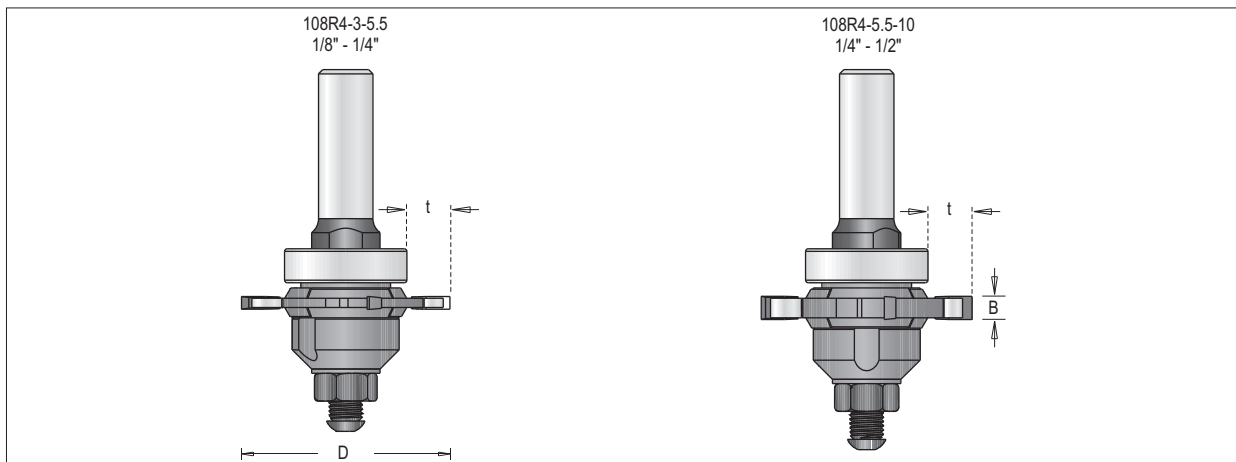
This system saves a lot of time needed to adjust and readjust a conventional slotting router bit to the right kerf.

The adjustable Slotting Router Bit's cutter can be resharpened and replaced without the need to buy the complete system.



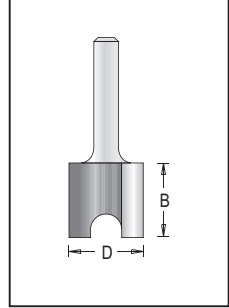
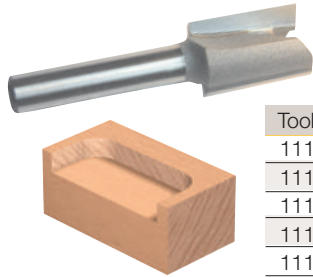
Tool no.	D	B	t	Shank	Length
108R4-3-5.5	2" (50mm)	1/8"-1/4"	1/2"	1/2"	3 1/4"
108R4-5.5-10	2" (50mm)	1/4"-1/2"	1/2"	1/2"	3 1/4"

Available with 1/2" shank only.





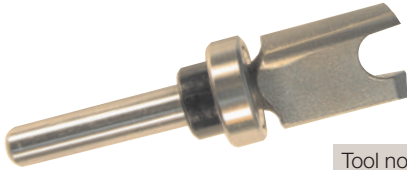
## Mortising Bits, 2 Flutes



Tool no.	D	Shank	B	Length
111R-12	1/2"	1/4"	3/4"	2"
111R-16	5/8"	1/4"	3/4"	2"
111R-19	3/4"	1/4"	3/4"	2"
111R-25	1"	1/4"	3/4"	2"
111R-32	1 1/4"	1/2"	1 1/4"	2 7/8"

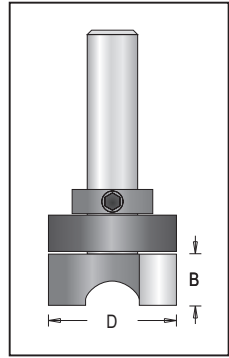
ROUTING  
CARBIDE TIPPED

## Mortising Bits, Down Shear, with Centre Ball Bearing Guide, 2 Flutes



Tool no.	D	Shank	B	Length	Ball Bearing
111RC4-12	1/2"	1/4"	3/4"	2 3/8"	BB-12A
111RC4-16	5/8"	1/4"	3/4"	2 3/8"	BB-16
111RC4-19	3/4"	1/4"	3/4"	2 7/16"	BB-19
111RCL8-32	1 1/4"	1/2"	1/2"	2 5/8"	BB-32

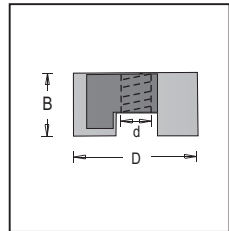
Replacement Parts:  
Lock Ring for 1/4" shank: 1970110; Lock Ring for 1/2" shank: 1970200



## Mortising Bits Only Screw Type, 2 Flutes



Tool no.	D	d	B
MB-8	1/2"	1/4" -28 Thread	7/8"
MB-10	5/8"	1/4" -28 Thread	1/2"
MB-12	3/4"	1/4" -28 Thread	1/2"
MB-14	7/8"	1/4" -28 Thread	1/2"
MB-16	1"	1/4" -28 Thread	1/2"
MB-18	1 1/8"	1/4" -28 Thread	9/16"
MB-20	1 1/4"	1/4" -28 Thread	5/8"



## Mortising Bit Assemblies Screw Type - Including Mounted Arbor, 2 Flutes



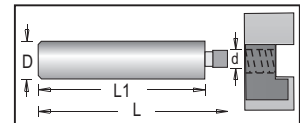
COMPLETE ASSEMBLY OF CUTTER AND ARBOR



Tool no.	Shank	Tool no.	Shank	D	B
MB-10A4	1/4"	MB-10A8	1/2"	5/8"	1/2"
MB-12A4	1/4"	MB-12A8	1/2"	3/4"	1/2"
MB-14A4	1/4"	MB-14A8	1/2"	7/8"	1/2"
MB-16A4	1/4"	MB-16A8	1/2"	1"	1/2"
MB-18A4	1/4"	MB-18A8	1/2"	1 1/8"	9/16"
MB-20A4	1/4"	MB-20A8	1/2"	1 1/4"	5/8"



## Arbors for above Screw Type Mortising Bit



Tool no.	D	d	L1	L
108RMB4	1/4"	1/4" -28	1 1/2"	1 3/4"
108RMB	1/2"	1/4" -28	2 1/8"	2 3/8"





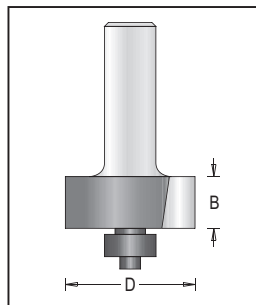


## Rabbeting Cutter Sets, 2 Flutes



The 1144 set is supplied in an attractive styrofoam box which includes: The cutter (assembled with 1/2" ball bearing), three additional ball bearings of different sizes, their matching washers and an allen key.

The different ball bearings enable you to perform rabbets of different depths. Please make sure to assemble the required ball bearing with its matching washer. The raised inner circle of the raised washers should always be pointed towards the ball bearing to enable its rotation.

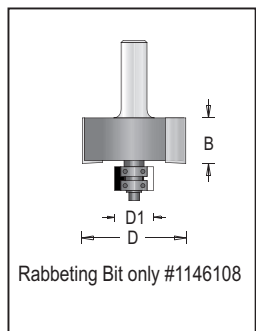
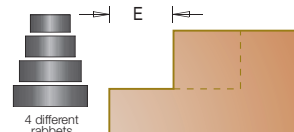


Tool no.	D	Shank	B	Flutes	Length
1144435	1 3/8"	1/4"	1/2"	2	2"
1144835	1 3/8"	1/2"	1/2"	2	2 3/8"

### E Rabbet Replacement Parts:

#### Depth

1/2"	Ball Bearing: BB-10; Washer: 1920040; Spring Washer: 1950010; Screw: 1930040
7/16"	Ball Bearing: BB-12; Washer: 1920070; Spring Washer: 1950010; Screw: 1930040
3/8"	Ball Bearing: BB-16A; Washer: 1920100; Spring Washer: 1950010; Screw: 1930040
5/16"	Ball Bearing: BB-19A; Washer: 1920100; Spring Washer: 1950010; Screw: 1930040
114R4-35 Rabbeting Bit (1/4" Shank); 114R8-35 Rabbeting Bit (1/2" Shank); 1940010 (Allen Key); Spring Washer: 1950010; Screw: 1930040	



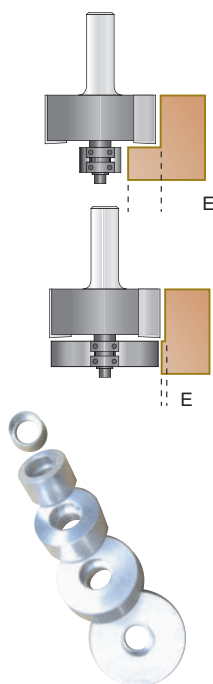
Rabbeting Bit only #1146108

## Super Rabbeting Cutter Sets- 1/2" Shank 2 Flutes



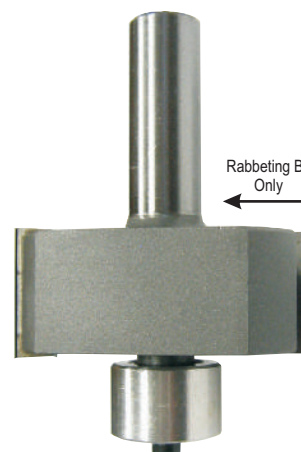
Tool no.	Description
<b>SRC-6A</b>	<b>6 piece Rabbeting Set:</b> 1/8", 1/4", 3/8", 1/2", 5/8", 3/4"
<b>SRC-12B</b>	<b>12 piece Rabbeting Set:</b> 1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
<b>SRC-17C</b>	<b>17 piece Rabbeting Set:</b> 1/16", 1/8", 3/16", 15/64", 1/4", 5/16", 23/64", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 23/32", 3/4"

The ultimate rabbeting set that will perform rabbet cuts from 1/16" through 3/4" in 1/16" increments including five rabbet depths for undersized plywood such as 23/32".



\*For 3/4" depth remove the collar and leave the two ball bearings on.

Tool no.	Description	Rabbet Depth (E) In Set
1146108	Rabbeting bit D=2" x 1/2" Shank B=7/8" x Length = 3 5/64"	5/8" & 3/4"**
BB-12A	Ball Bearing 1/2" x 1/4" x 3/16"	
1950010	Washer	
1920270	Spacer 2.2mm	
1930040	Screw	
1929900	Collar D1=47.6mm	1/16"
1929890	Collar D1=44.4mm	1/8"
1929880	Collar D1=41.3mm	3/16"
1929950	Collar D1=38.9mm	15/64"
1929870	Collar D1=38.1mm	1/4"
1929860	Collar D1=34.9mm	5/16"
1929940	Collar D1=32.5mm	23/64"
1929850	Collar D1=31.7mm	3/8"
1929840	Collar D1=28.6mm	7/16"
1929930	Collar D1=27.0mm	15/32"
1929830	Collar D1=25.4mm	1/2"
1929820	Collar D1=22.2mm	9/16"
1929920	Collar D1=20.6mm	19/32"
1929810	Collar D1=19.0mm	5/8"
1929800	Collar D1=15.9mm	11/16"
1929910	Collar D1=14.3mm	23/32"





## Rabbeting Cutter Sets, 2 Flutes

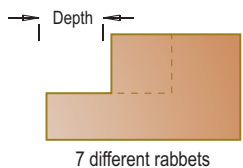


3/8" Ball Bearing

Tool no.	D	Shank	B	Flutes	Length
1147	1 3/8"	1/4"	1/2"	2	2"
1187	1 3/8"	1/2"	1/2"	2	2 3/8"

The 1147 & 1187 sets are supplied in an attractive styrofoam box which includes: The cutter (assembled with 3/8" ball bearing), six additional ball bearings of different sizes, their matching washers and an allen key.

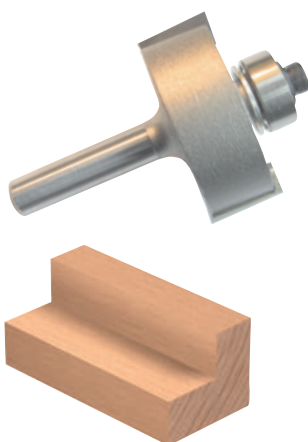
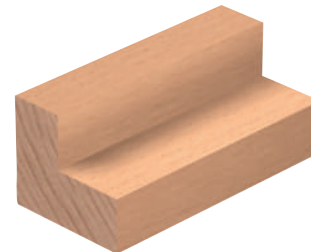
- Carbide tipped 2 flute for high performance.
- Six additional ball bearings for different depth options.
- CNC machined, anti kick-back, hardened body for chatter free and safe feed.
- Thick carbide for 10-15 sharpenings.
- Solid wood box for safe storage.
- This set allows the user to make rabbet cuts up to 1/2" height and from 1/8" to 9/16 depths.
- The cutter comes assembled with 3/8" (BB-10) ball bearing.
- Use the supplied Allen key to install any of the other 6 ball bearings to achieve a different rabbet depth.



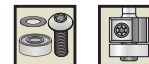
### E Rabbet Replacement Parts:

Depth	Ball Bearing	Washer	Spring Washer	Screw
1/2"	Ball Bearing: BB-10;	Washer: 1920040;	Spring Washer: 1950010;	Screw: 1930040
7/16"	Ball Bearing: BB-12;	Washer: 19200707;	Spring Washer: 1950010;	Screw: 1930040
3/8"	Ball Bearing: BB-16A;	Washer: 1920100;	Spring Washer: 1950010;	Screw: 1930040
5/16"	Ball Bearing: BB-19A;	Washer: 1920100;	Spring Washer: 1950010;	Screw: 1930040
1/4"	Ball Bearing: BB-22A;	Washer: 1920100;	Spring Washer: 1950010;	Screw: 1930040
1/8"	Ball Bearing: BB-28A;	Washer: 1920100;	Spring Washer: 1950010;	Screw: 1930040
Flush	Ball Bearing: BB-35;	Washer: 1920100;	Spring Washer: 1950010;	Screw: 1930040

114RS4-35 Rabbeting Bit (1/4" Shank); 114RS8-35 Rabbeting Bit (1/2" Shank); 1940010 (Allen Key); Spring Washer: 1950010; Screw: 1930040



## Rabbeting Bits With 1/2" & 3/8" Ball Bearing Guide, 2 Flutes



Available in RCB



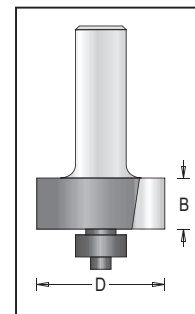
Radial Relief

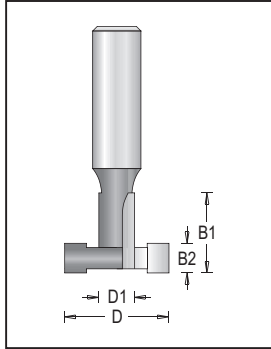
1/2" Ball Bearing

Tool no.	D	Shank	B	E	Length	Parts
114R4-32	1 1/4"	1/4"	1/2"	3/8"	2"	D
114R8-32	1 1/4"	1/2"	1/2"	3/8"	2 3/8"	D
114R4-35	1 3/8"	1/4"	1/2"	7/16"	2"	D
114R8-35	1 3/8"	1/2"	1/2"	7/16"	2 3/8"	D

3/8" Ball Bearing

Tool no.	D	Shank	B	E	Length	Parts
114RS4-32	1 1/4"	1/4"	1/2"	7/16"	2"	B
114RS8-32	1 1/4"	1/2"	1/2"	7/16"	2 3/8"	B
114RS4-35	1 3/8"	1/4"	1/2"	1/2"	2"	B
114RS8-35	1 3/8"	1/2"	1/2"	1/2"	2 3/8"	B

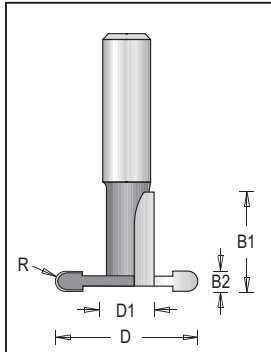
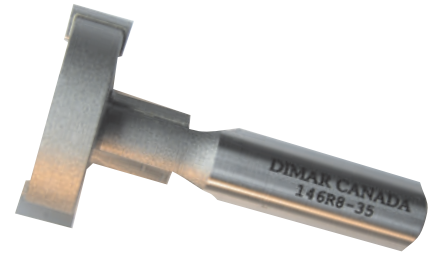
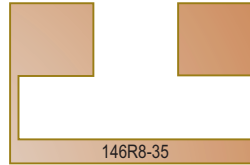
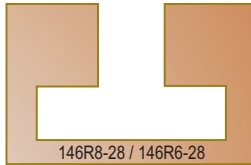




## T Slot Bits, 2 Flutes



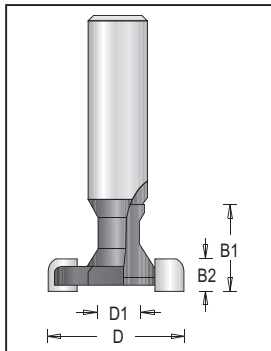
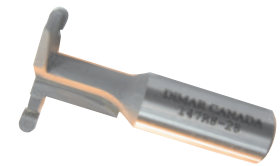
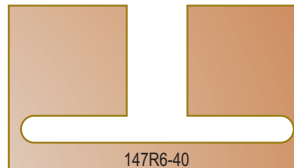
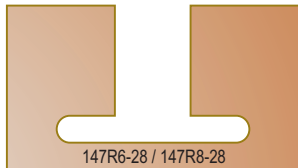
Tool no.	D	D1	Shank	B1	B2	Length
146R8-28	1 3/32"	3/8"	1/2"	13/16"	5/16"	2 5/8"
146R6-28	1 3/32"	3/8"	3/8"	13/16"	5/16"	2 3/8"
146R8-35	1 3/8"	1/2"	1/2"	7/8"	3/8"	2 9/16"



## T Slot Bits, 2 Flutes



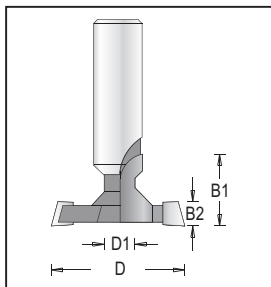
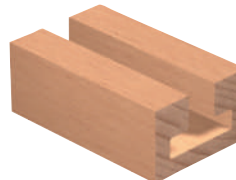
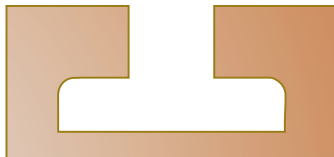
Tool no.	D	D1	Shank	B1	B2	R	Length
147R6-28	1 1/8"	7/16"	3/8"	13/16"	5/32"	5/64"	2 1/16"
147R8-28	1 1/8"	7/16"	1/2"	13/16"	5/32"	5/64"	2 5/32"
147R6-40	1 39/64"	3/8"	3/8"	13/16"	5/32"	5/64"	2 1/16"



## T Slot Bit, 2 Flutes



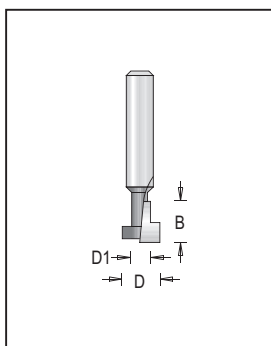
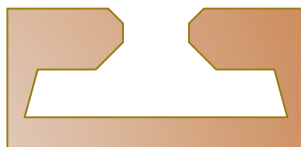
Tool no.	D	D1	Shank	B1	B2	Length
146R8-60	1 3/16"	13/32"	1/2"	21/32"	9/32"	2 3/8"



## T Slot Bit, 2 Flutes



Tool no.	D	D1	Shank	B1	B2	Length
145R8-36	1 3/8"	11/32"	1/2"	17/32"	1/4"	2"

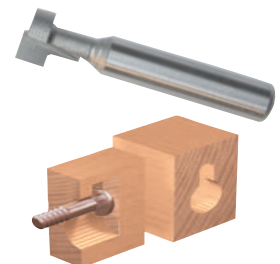
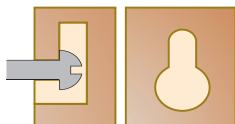


## Keyhole Bits, 1 Flute



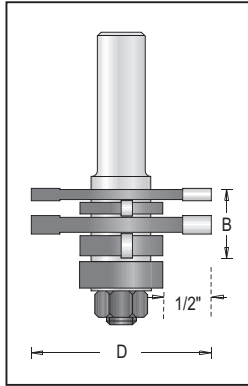
Tool no.	D	D1	Shank	B	Length
209R4-10CT	3/8"	3/16"	1/4"	3/8"	1 1/2"
209R4-12CT	1/2"	5/16"	1/4"	3/8"	1 1/2"

Produce keyhole slots for hanging pictures, shelves, mirrors, cabinets, clocks, etc.





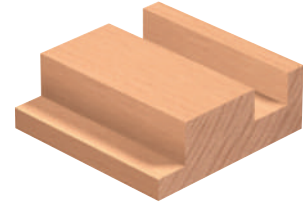
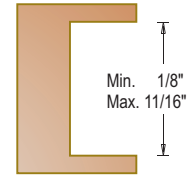
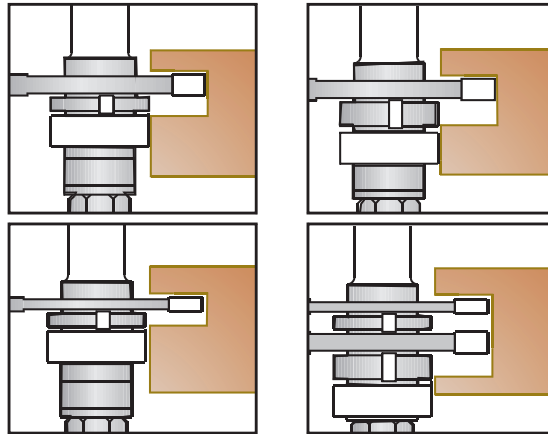
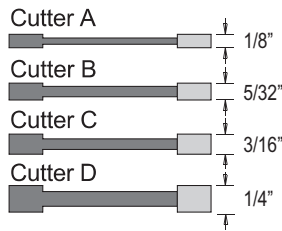
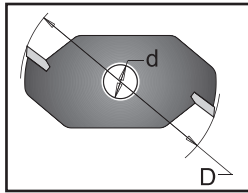
## Quadriset- Multipurpose Slotting Cutter Set, 2 Flutes



Tool no.	D
QUADRISSET	1 7/8"

The Quadriset enables excellent results in the following work:

- Grooving or dadoing with single cutter.
- Width: 1/8" (3.2mm), 5/32" (4mm), 3/16" (4.8mm), 1/4" (6.35mm)
- Grooving with cutter combination.
- Achieving continuous width from 5.7 to 18mm in increments of 0.1mm.
- Tongue and Groove" along wood lengths.
- For purposes of aligning or cladding.
- "Tongue and Groove" frames
- For doors, windows, pictures etc.



This complete set, consists of:

- Four single 2 wing slotting cutters marked:
  - A - Width 1/8" (3.2mm) (Tool No. 108R2-3)
  - B - Width 5/32" (4mm) (Tool No. 108R2-4)
  - C - Width 3/16" (4.8mm) (Tool No. 108R2-5)
  - D - Width 1/4" (6.35mm) (Tool No. 108R2-6)



- One arbor with nut (Tool No. 1900048)
- 1/2" Shank x Thread and nut 5/16" NF
- L1 = 1 3/8"
- OAL = 3"



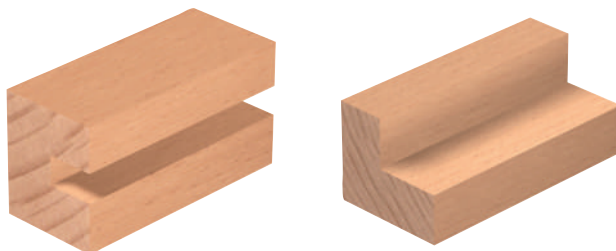
- One ball bearing (Tool No. BB-22)
- O.D. 7/8"(22mm)xI.D. 5/16"(8mm)x 9/32"



- Spacers, washers and shims:
  - Spacers 6.0mm, 3 pcs, (Tool No. 1920160)
  - Washers 1.0mm, 5 pcs, (Tool No. 1920110)
  - Shims 0.5mm, 4pcs, (Tool No. 1920130)
  - Shims 0.1mm, 10 pcs, (Tool No. 1921000)



O.D. 5/8" (16mm)  
I.D. 5/16" (8mm)

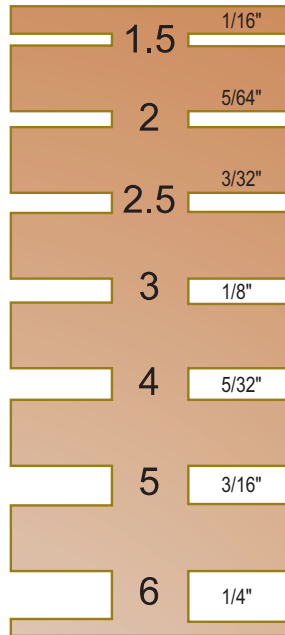
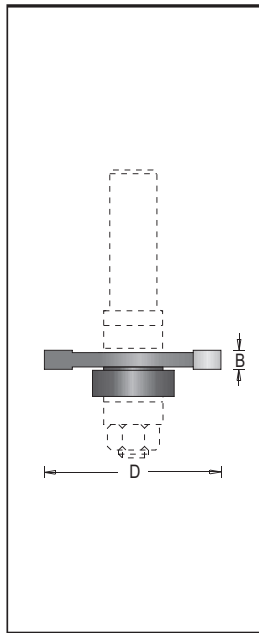




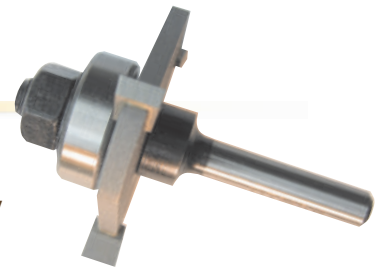
## Slotting Cutters



3 Wing Cutter	2 Wing Cutter	D	Bore	B
108R3-1.5	108R2-1.5	1 7/8"	5/16"	1/16"
108R3-1.65	N/A	1 7/8"	5/16"	.065"
108R3-1.78	N/A	1 7/8"	5/16"	.070"
108R3-1.9	N/A	1 7/8"	5/16"	.075"
108R3-2	108R2-2	1 7/8"	5/16"	5/64"
108R3-2.16	N/A	1 7/8"	5/16"	.085"
108R3-2.5	108R2-2.5	1 7/8"	5/16"	3/32"
108R3-2.8	108R2-2.8	1 7/8"	5/16"	.110"
108R3-3	108R2-3	1 7/8"	5/16"	1/8"
108R3-3.5	N/A	1 7/8"	5/16"	.140"
108R3-4	108R2-4	1 7/8"	5/16"	5/32"
108R3-5	108R2-5	1 7/8"	5/16"	3/16"
108R3-6	108R2-6	1 7/8"	5/16"	1/4"



## 3 Wing Cutter Complete Assembly



Tool no.	Shank	Tool no.	Shank	D	B
108R3-1.5A4	1/4"	108R3-1.5A8	1/2"	1 7/8"	1/16"
108R3-1.65A4	1/4"	108R3-1.65A8	1/2"	1 7/8"	.065"
108R3-1.78A4	1/4"	108R3-1.78A8	1/2"	1 7/8"	.070"
108R3-1.9A4	1/4"	108R3-1.9A8	1/2"	1 7/8"	.075"
108R3-2A4	1/4"	108R3-2A8	1/2"	1 7/8"	5/64"
108R3-2.16A4	1/4"	108R3-2.16A8	1/2"	1 7/8"	.085"
108R3-2.5A4	1/4"	108R3-2.5A8	1/2"	1 7/8"	3/32"
108R3-2.8A4	1/4"	108R3-2.8A8	1/2"	1 7/8"	.110"
108R3-3A4	1/4"	108R3-3A8	1/2"	1 7/8"	1/8"
108R3-3.5A4	1/4"	108R3-3.5A8	1/2"	1 7/8"	.140"
108R3-4A4	1/4"	108R3-4A8	1/2"	1 7/8"	5/32"
108R3-5A4	1/4"	108R3-5A8	1/2"	1 7/8"	3/16"
108R3-6A4	1/4"	108R3-6A8	1/2"	1 7/8"	1/4"

Replacement Parts: Slotting cutter (see above);  
1/4" Arbor: 108R-4; 1/2" Arbor: 108R-12; Ball Bearing BB-22

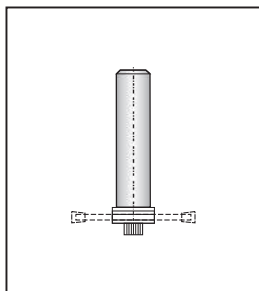
## 2 Wing Cutter Complete Assembly



Tool no.	Shank	Tool no.	Shank	D	B
108R2-1.5A4	1/4"	108R2-1.5A8	1/2"	1 7/8"	1/16"
108R2-2A4	1/4"	108R2-2A8	1/2"	1 7/8"	5/64"
108R2-2.5A4	1/4"	108R2-2.5A8	1/2"	1 7/8"	3/32"
108R2-2.8A4	1/4"	108R2-2.8A8	1/2"	1 7/8"	.110"
108R2-3A4	1/4"	108R2-3A8	1/2"	1 7/8"	1/8"
108R2-4A4	1/4"	108R2-4A8	1/2"	1 7/8"	5/32"
108R2-5A4	1/4"	108R2-5A8	1/2"	1 7/8"	3/16"
108R2-6A4	1/4"	108R2-6A8	1/2"	1 7/8"	1/4"

Replacement Parts: Slotting cutter (see above);  
1/4" Arbor: 108R-4; 1/2" Arbor: 108R-12; Ball Bearing BB-22

## Arbor For C.N.C Routers



Tool no.	Description
108R-12CNC	1/2" Shank x 2" O.L.
108R-12CNCSP	1/2" Shank x 3" O.L.

Fits all slotting cutters

Replacement Parts:

1 pc. Raised washer; 1920100  
2 pcs. 1.0mm washer; 1920110

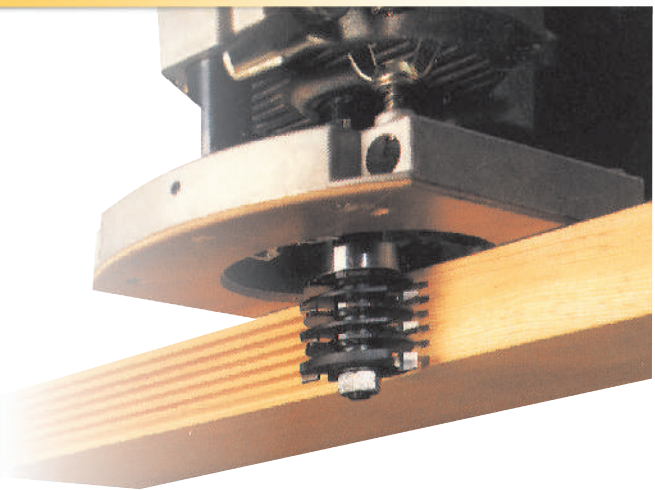
1 pc. 0.5mm washer; 1920120  
1 pc. Screw; 1930080





## Finger Joints Router Bit

The minimum thickness is 7/16" (11mm), requiring the one-finger assembly. The maximum thickness of 1 3/8" (36mm), is implemented with the five-finger assembly. Dimar's Finger Joints Router Bit is supplied in an attractive and protective box, complete with technical information and detailed instructions. The finger joint is the most common joint used to form long pieces of lumber from solid boards; the result is finger-jointed lumber. The strength of a finger joint comes from the long-grain to long-grain contact between the fingers. It provides a solid gluing surface. The number of contact points also allows for more gluing surface as opposed to a butt joint or a rabbet joint.

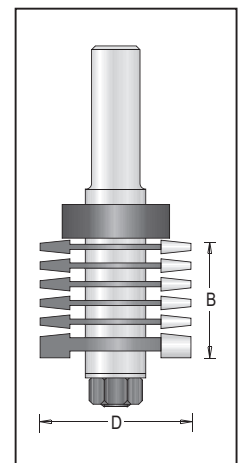
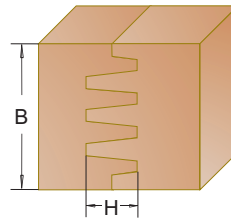


ROUTING  
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### Finger Joints Router Bit, 2 Flutes



Tool no.	D	Shank	B	Length
DFJ	1 9/16"	1/2"	1 13/16"	3 3/4"



Replacement Parts:

Arbor with Nut (1 piece):	1900088	Spacer (6 pieces):	1920200
Ball Bearing (1 piece):	BB-28M	Washer (2 pieces):	1920110
Finger Slot Cutter 39.5 Ø (5 piece):	1089030	Spacer 0.5mm (1 piece):	1920130
Abutting-Edge Cutter 39.1 Ø (1 piece):	1089200	Spacer 0.1mm (10 piece):	1921000

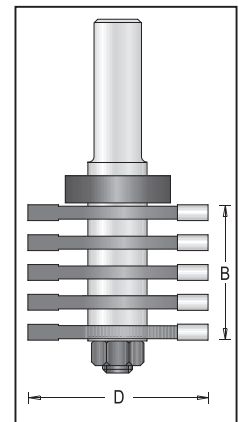
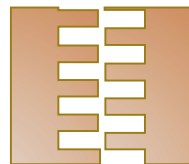
### Box Joint Set, 3 Flutes



The Dimar DBox set is ideally suited for producing small boxes, instrument cases etc.

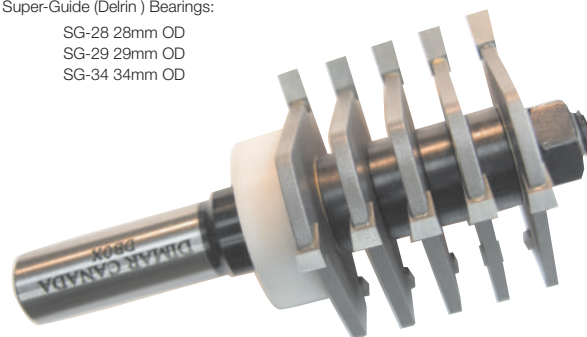
Maximum timber width = 1 9/16"

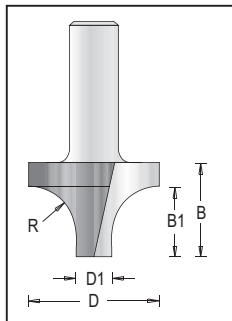
Tool no.	D	Shank	B	Length
DBOX	1 7/8"	1/2"	1 3/8"	3 3/4"



Replacement Parts:

Cutter (x5):	108R3-4	Spacer 5.5mm (x4):	1920300	Super-Guide (Delrin ) Bearings:
Arbor & Nut:	1900088	Spacer 1.0 mm (x1):	1920110	SG-28 28mm OD
Washer:	1920110	Shims 0.5mm (x1):	1920130	SG-29 29mm OD
				SG-34 34mm OD

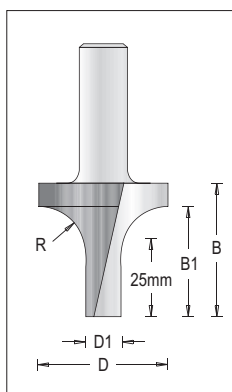
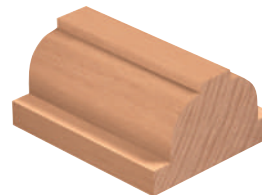
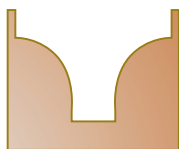




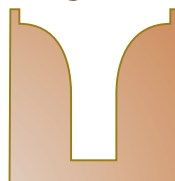
## Rounding Over Bits -Plunge Type (Corner Rounding Bits) With Boring Point, 2 Flutes



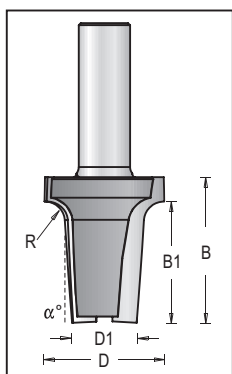
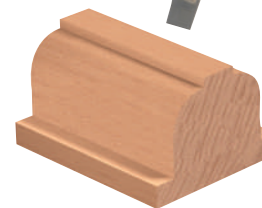
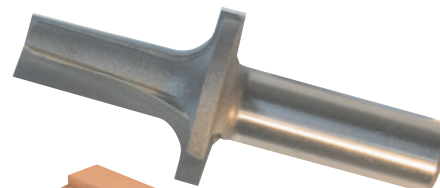
Tool no.	D	D1	Shank	B	B1	R	Length
120R4-10	25/64"	1/8"	1/4"	23/64"	7/64"	3/32"	2"
117R4-3	3/8"	1/8"	1/4"	9/32"	1/8"	1/8"	2"
117R8-5	5/8"	1/4"	1/2"	5/16"	1/4"	3/16"	1 1/2"
117R4-6	3/4"	1/4"	1/4"	1/2"	11/32"	1/4"	1 5/8"
117R8-6	3/4"	1/4"	1/2"	1/2"	11/32"	1/4"	2"
117R4-8	7/8"	1/4"	1/4"	9/16"	13/32"	5/16"	1 11/16"
117R8-8	7/8"	1/4"	1/2"	9/16"	13/32"	5/16"	2 1/16"
117R4-10	1"	1/4"	1/4"	5/8"	1/2"	3/8"	1 3/4"
117R8-10	1"	1/4"	1/2"	5/8"	1/2"	3/8"	2 1/8"
117R8-12	1 3/8"	3/8"	1"	3/4"	1/2"	2 3/4"	
117R8-16	1 3/4"	1/2"	1 1/4"	1"	5/8"	2 3/4"	
117R8-19	2"	1/2"	1 7/16"	1 1/8"	3/4"	2 15/16"	



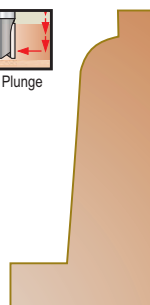
## Rounding Over Bits -Plunge Type (Corner Rounding Bits) With Boring Point, 2 Flutes



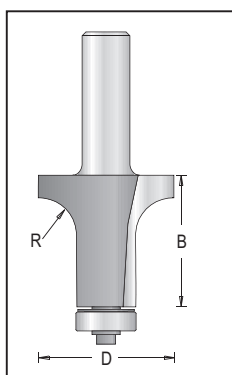
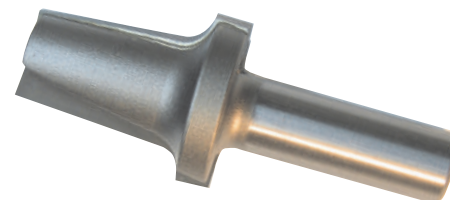
Tool no.	D	D1	Shank	B	B1	R	Length
117RL8-22	7/8"	15/32"	1 1/2"	1 3/16"	28mm	1/8"	2 23/32"
117RL8-30	1 3/16"	15/32"	1 1/2"	1 3/8"	31mm	1/4"	2 7/8"
117RL8-34	1 11/32"	15/32"	1 1/2"	1 1/2"	33mm	5/16"	3"



## Corner Rounding Bit - Plunge Type



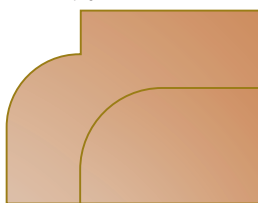
Tool no.	D	D1	Shank	B	B1	R	$\alpha$	Length
117R8-30SP	1 3/16"	5/8"	1 1/2"	1 7/16"	1 3/16"	5mm	5°	2 7/8"



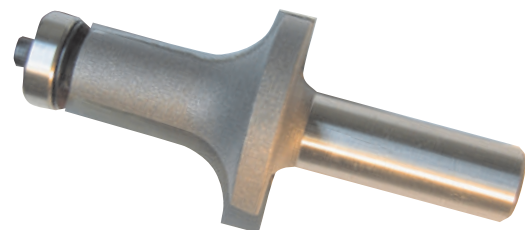
## Rounding Over Bit



Parts  
page 114



Tool no.	D	Shank	B	R	Length	Parts
117RB8-10	1 7/16"	1 1/2"	1 3/8"	10mm	3 1/4"	N





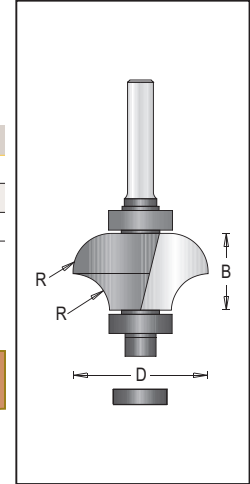
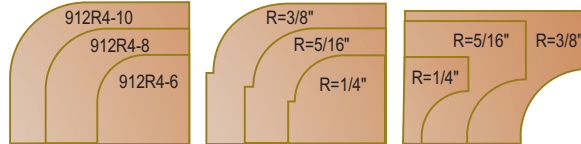
## Matching Corner Round/Cove Bits, 2 Flutes



Tool no.	D	Shank	B	R	Length	Parts
912R4-6	1 1/8"	1/4"	35/64"	1/4"	2 19/32"	M
912R4-8	1 1/4"	1/4"	43/64"	5/16"	2 23/32"	M
912R4-10	1 3/8"	1/4"	51/64"	3/8"	2 27/32"	M



One tool performs two matching cuts - Rounding Over and Cove.  
To achieve beading cuts, use additional ball bearing #BB-14A (14mm x 8mm x 4mm)

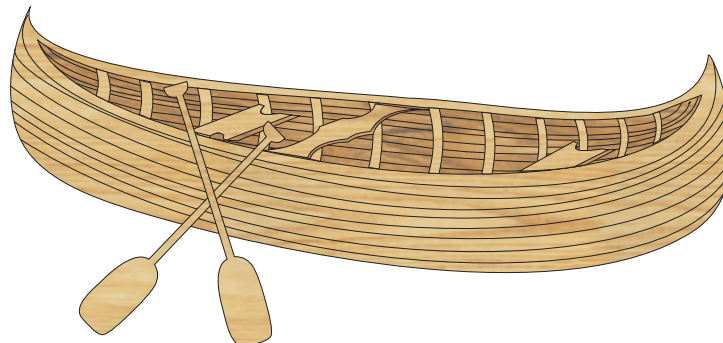
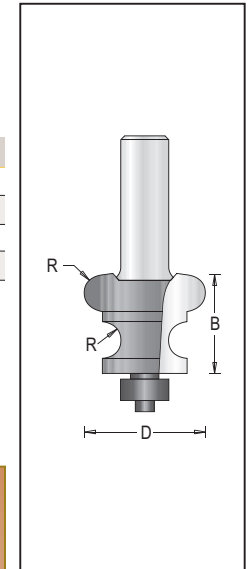
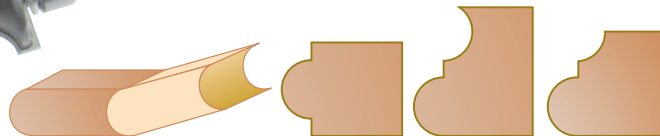
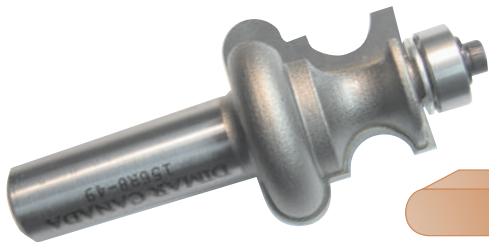


ROUTING  
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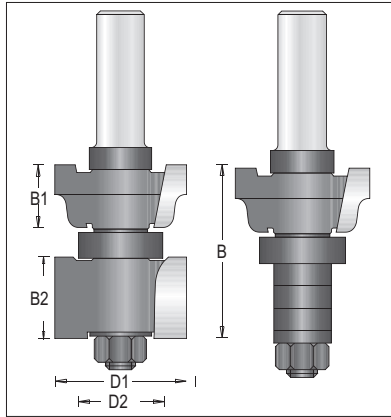
## Canoe Bits with Ball Bearing Guide, 2 Flutes



Tool no.	D	Shank	B	R	Length	Parts
156R4-48	1"	1/4"	5/8"	1/8"	2 1/4"	D
156R8-48	1"	1/2"	5/8"	1/8"	2 5/8"	D
156R8-49	1 1/4"	1/2"	1"	3/16"	2 7/8"	D
156R8-55	2"	1/2"	1 1/4"	1/4"	3 1/8"	N





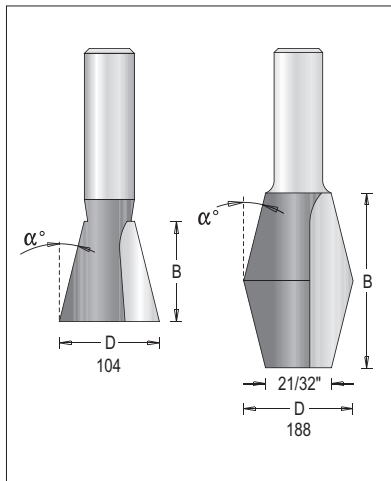
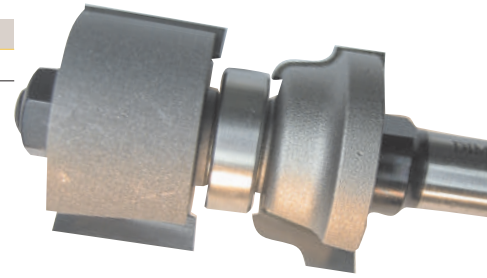
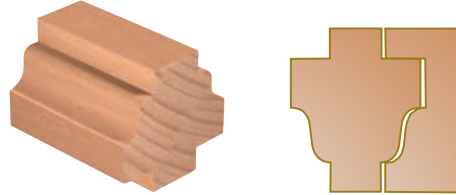


## Sash & Rail Bit, Reversible, 1 Piece, 2 Flutes



Tool no.	D1	D2	Shank	B1	B2	B	Length
175R8-35	1 3/8"	7/8"	1/2"	11/16"	7/8"	1 7/8"	3 3/4"

Replacement Parts: Profile Cutter: 1332010; Flush Cutter: 1332040  
Arbor & Nut: 1900088; Ball Bearing: BB-22

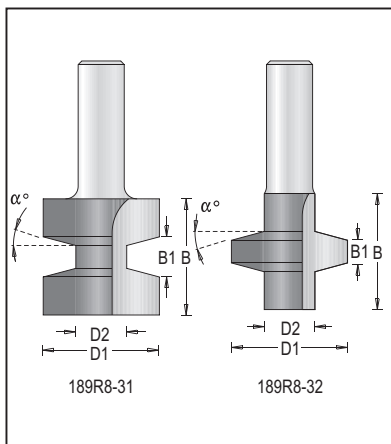
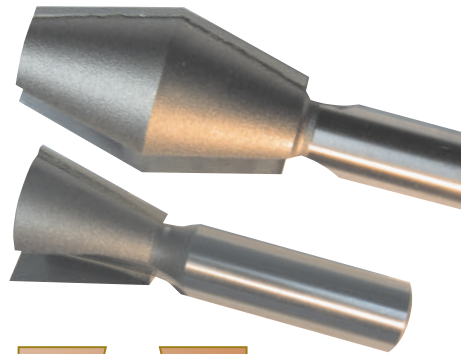
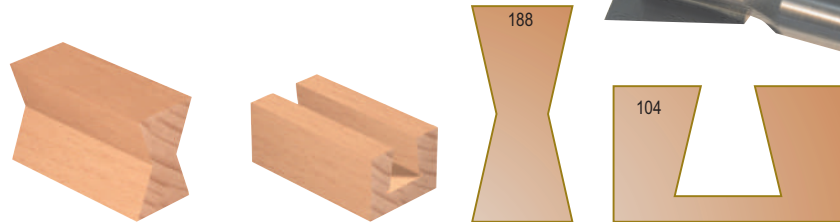


## Spline Glue Joint Bits, 2 Flutes



Tool no.	D	B	Shank	$\alpha$	Length
104R8-22-14	7/8"	7/8"	1/2"	14°	2 5/8"
188R8-28	1 7/64"	1 13/16"	1/2"	14°	3 5/16"

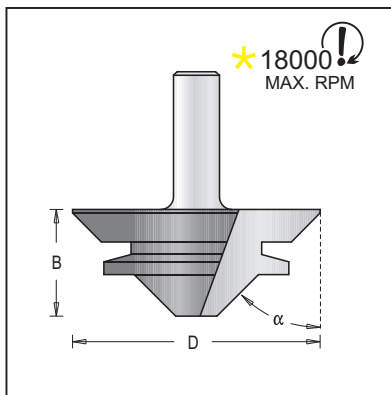
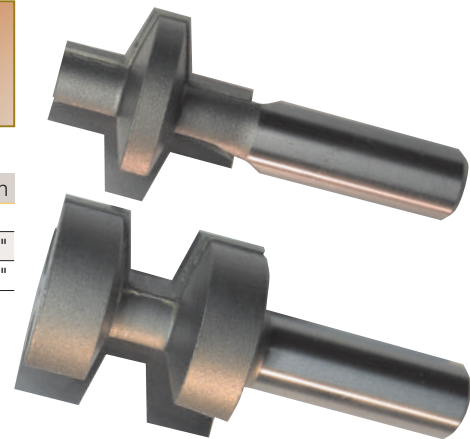
Can also be used with 104R4-12, 104R8-12, 104R8-19-14, 104R8-25



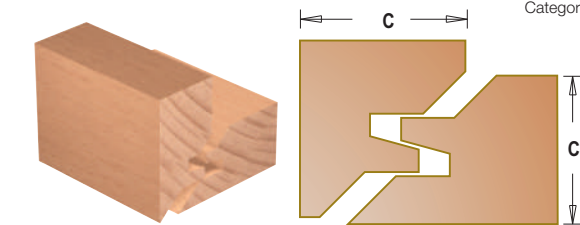
## Bevel Glue Joint Bits, 2 Flutes



Tool no.	D1	D2	Shank	B	B1	$\alpha$	Length
189R Complete Set (2 Bits)							
189R8-31	1 1/4"	9/16"	1/2"	1 1/4"	7/16"	15°	2 3/4"
189R8-32	1 1/4"	9/16"	1/2"	1 1/4"	7/16"	15°	2 3/4"



## Miter Lock Bits, 2 Flutes



Tool no.	D	Shank	B	C	$\alpha$	Length
149R8-45	1 3/4"	1/2"	3/4"	11/32"-11/16"	45°	2 1/4"
*149R8-68	2 23/32"	1/2"	1 3/16"	15/32"-1 3/32"	45°	2 11/16"





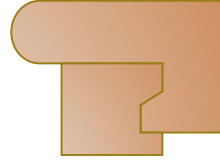
## Locking Joint Bits, 2 Flutes



Category

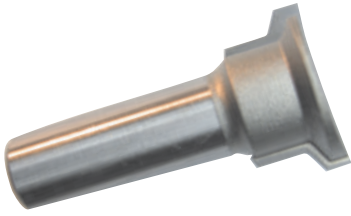
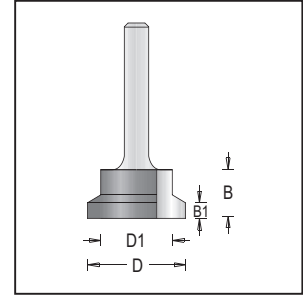


Parts page 114



For gluing drawers, table tops and panels

Tool no.	D	D1	Shank	B	B1	Length
144R4-19	3/4"	12.2mm	1/4"	1/2"	4mm	1 7/8"
144R4-25	1"	18.5mm	1/4"	1/2"	4mm	1 7/8"
144R8-25	1"	18.5mm	1/2"	1/2"	4mm	1 7/8"

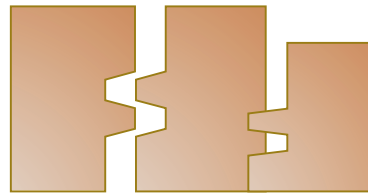
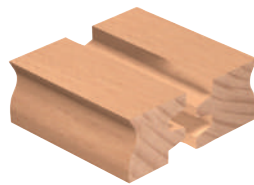


ROUTING  
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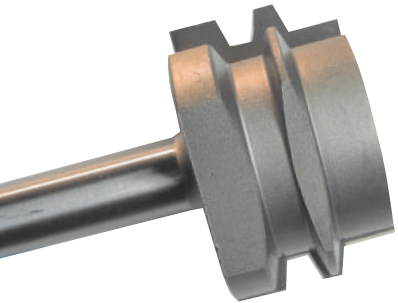
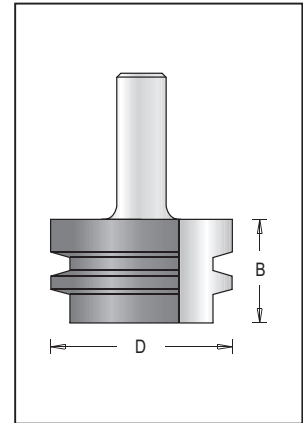
## Glue Joint Bit, 2 Flutes



Category



Tool no.	D	Shank	B	Length
149R8-47	1 29/64"	1/2"	1 1/8"	2 5/8"



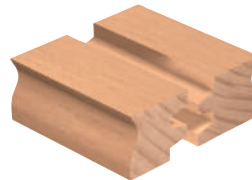
## Glue Joint Bit, 2 Flutes



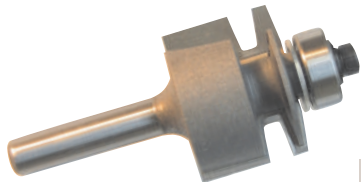
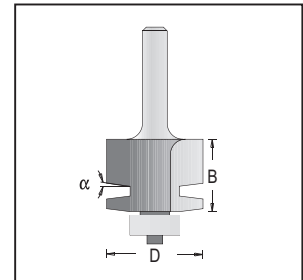
Category



Parts page 114



Tool no.	D	Shank	B	$\alpha$	Length	Parts
149RB4-25	1"	1/4"	3/4"	14°	2 1/4"	D





## Rounding Over Bits, 2 Flutes, with 1/2" Ball Bearing



Category



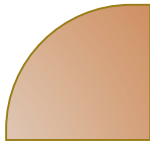
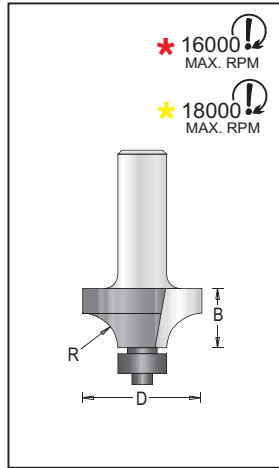
Flat Screw



Parts page 114



Available in RCB



Tool no.	D	Shank	B	R	Length	Parts
109R4-1.5	5/8"	1/4"	5/16"	1/16"	1 3/4"	D
109R8-1.5	5/8"	1/2"	5/16"	1/16"	2 3/16"	D
109R4-3	3/4"	1/4"	3/8"	1/8"	1 15/16"	D
109R8-3	3/4"	1/2"	3/8"	1/8"	2 5/16"	D
109R4-4	3/4"	1/4"	3/8"	5/32"	1 15/16"	D
109R8-4	3/4"	1/2"	3/8"	5/32"	2 5/16"	D
109R4-5	7/8"	1/4"	1/2"	3/16"	1 15/16"	D
109R8-5	7/8"	1/2"	1/2"	3/16"	2 5/16"	D
109R4-6	1"	1/4"	1/2"	1/4"	1 15/16"	D
109R8-6	1"	1/2"	1/2"	1/4"	2 5/16"	D
109R4-8	1 1/8"	1/4"	1/2"	5/16"	1 15/16"	D
109R8-8	1 1/8"	1/2"	1/2"	5/16"	2 5/16"	D
109R4-10	1 1/4"	1/4"	5/8"	3/8"	2 1/6"	D
109R8-10	1 1/4"	1/2"	5/8"	3/8"	2 7/16"	D
109R4-12	1 1/2"	1/4"	3/4"	1/2"	2 3/16"	D
109R8-12	1 1/2"	1/2"	3/4"	1/2"	2 9/16"	D
109R8-16	1 3/4"	1/2"	7/8"	5/8"	2 5/8"	D
109R8-19	2"	1/2"	1"	3/4"	2 3/4"	D
109R8-22	2 1/2"	1/2"	1 1/4"	7/8"	2 7/8"	D
*109R8-25	2 1/2"	1/2"	1 1/4"	1"	3"	D
*109R8-28.5	2 3/4"	1/2"	1 3/8"	1 1/8"	3 1/4"	D
*109R8-32	3"	1/2"	1 1/2"	1 1/4"	3 1/4"	D
*109R8-35	3 1/4"	1/2"	1 9/16"	1 3/8"	3 1/2"	D
109R8-38	3 1/2"	1/2"	1 3/4"	1 1/2"	3 3/4"	D

## Beading Bits, 2 Flutes, with 3/8" Ball Bearing



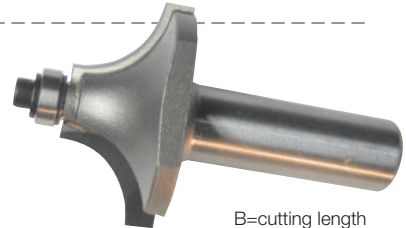
Category



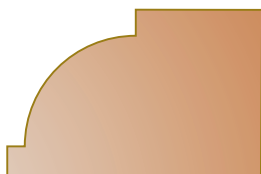
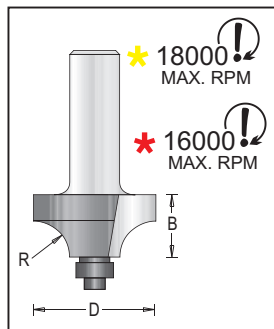
Flat Screw



Parts page 114



B=cutting length



Tool no.	D	Shank	B	R	Length	Parts
109RS4-1.5	5/8"	1/4"	5/16"	1/16"	1 3/4"	B
109RS8-1.5	5/8"	1/2"	5/16"	1/16"	2 3/16"	B
109RS4-3	3/4"	1/4"	3/8"	1/8"	1 13/16"	B
109RS8-3	3/4"	1/2"	3/8"	1/8"	2 3/16"	B
109RS4-4	3/4"	1/4"	3/8"	5/32"	1 7/8"	B
109RS8-4	3/4"	1/2"	3/8"	5/32"	2 1/4"	B
109RS4-5	7/8"	1/4"	1/2"	3/16"	1 15/16"	B
109RS8-5	7/8"	1/2"	1/2"	3/16"	2 5/16"	B
109RS4-6	1"	1/4"	1/2"	1/4"	1 15/16"	B
109RS8-6	1"	1/2"	1/2"	1/4"	2 5/16"	B
109RS4-8	1 1/8"	1/4"	1/2"	5/16"	1 15/16"	B
109RS8-8	1 1/8"	1/2"	1/2"	5/16"	2 5/16"	B
109RS4-10	1 1/4"	1/4"	5/8"	3/8"	2 1/6"	B
109RS8-10	1 1/4"	1/2"	5/8"	3/8"	2 7/16"	B
109RS4-12	1 1/2"	1/4"	3/4"	1/2"	2 3/16"	B
109RS8-12	1 1/2"	1/2"	3/4"	1/2"	2 9/16"	B
109RS8-16	1 3/4"	1/2"	7/8"	5/8"	2 5/8"	B
109RS8-19	2"	1/2"	1"	3/4"	2 3/4"	B
109RS8-22	2 1/2"	1/2"	1 1/4"	7/8"	2 7/8"	B
*109RS8-25	2 1/2"	1/2"	1 1/4"	1"	3"	B
*109RS8-28.5	2 3/4"	1/2"	1 3/8"	1 1/8"	3 1/4"	B
*109RS8-32	3"	1/2"	1 1/2"	1 1/4"	3 1/4"	B
*109RS8-35	3 1/4"	1/2"	1 9/16"	1 3/8"	3 1/2"	B
109RS8-38	3 1/2"	1/2"	1 3/4"	1 1/2"	3 3/4"	B



## Corner Rounding Bits w/Radius Bearing, 2 Flutes

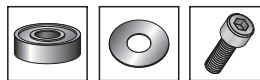
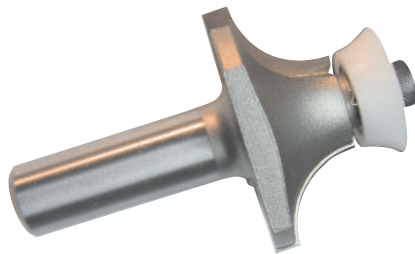
Dealer Net Price in effect

Now you can create your very own a true 180 bullnose with this unique corner rounding bit.

First route your stock with our standard ball Bearing BB-16 to create a quarter round corner.

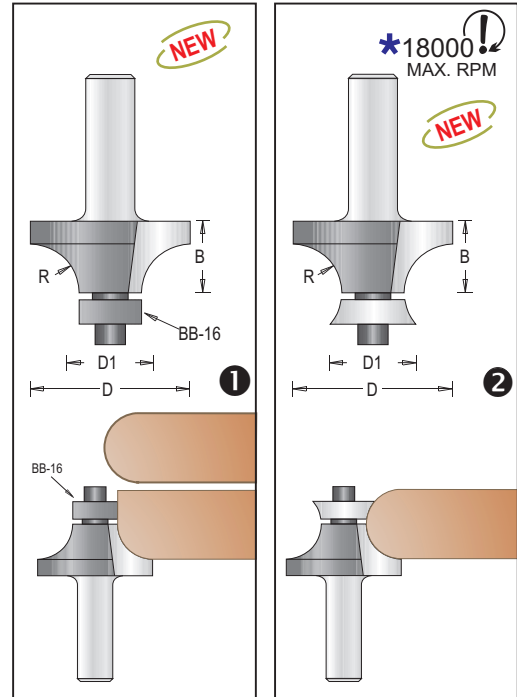
Then follow the contoured surface to complete the entire half circle.

Tool no.	D	D1	Shank	B	R	Length	Parts
109RD8-12	1 5/8"	5/8"	1/2"	47/64"	1/2"	2 1/16"	LL
109RD8-19	2 1/8"	5/8"	1/2"	63/64"	3/4"	2 29/32"	MM
*109RD8-25	2 5/8"	5/8"	1/2"	1 15/64"	1"	2 1/16"	NN



	Ball Bearing	Washer	Screw
LL	SG-22C	1920040	1930080
MM	SG-22D	1920040	1930080
NN	SG-22E	1920040	1930080

BB-16



ROUTING  
CARBIDE TIPPED

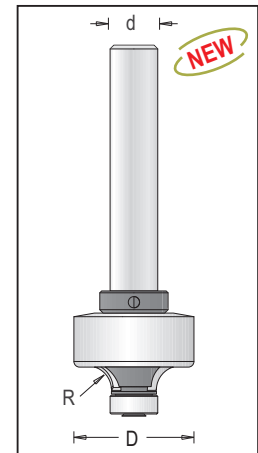
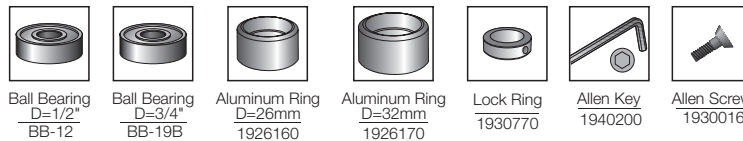
## Corner Rounding 3D Bits with 2 Ball bearing Guides, 2 Flutes

Dealer Net Price in effect

Rounding over Bits also known as Ovolo (or ovulo) in architecture is a convex moulding that has a cross section in the form of a quarter circle or an ellipse. As the name suggests, the end result is a quarter-round shape given to the edge of the wood. We have developed two unique bits that will facilitate corner rounding the edges of stock that curves in two planes.

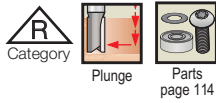
This is a very practical solution for routing chairs or any furniture that has multiple curves.

Tool no.	D	Shank	B	R	Length
109R3D-3	1"	1/2"	5/16"	1/8"	3-13/16"
109R3D-6	1-7/16"	1/2"	13/32"	1/4"	3-29/32"

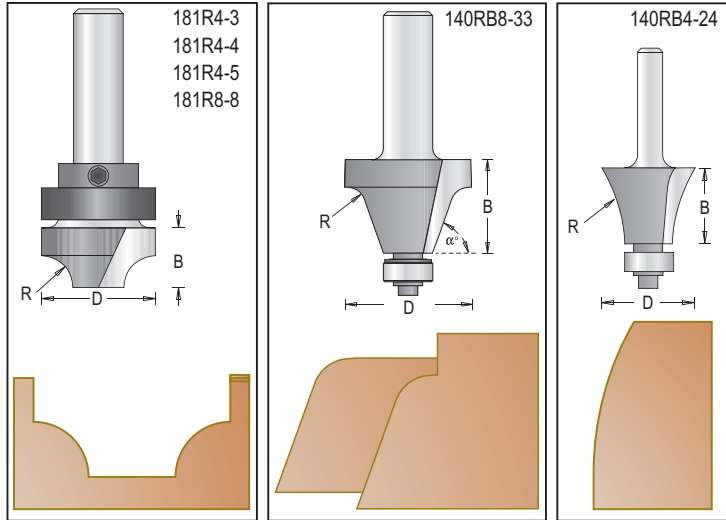




## Corner Rounding Plunge Type with Centre Ball Bearing Guide For Template Work, 2 Flutes



Tool no.	D	Shank	B	R	Length	Parts
181R4-3	1/2"	1/4"	3/8"	1/8"	1 7/8"	F
181R4-4	3/4"	1/4"	3/8"	1/8"	2"	P
181R4-5	7/8"	1/4"	1/2"	3/16"	2 1/8"	W
181R8-81	1/8"	1/2"	9/16"	5/16"	2 1/8"	BB

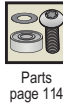


## Edge Forming Bit, 2 Flutes

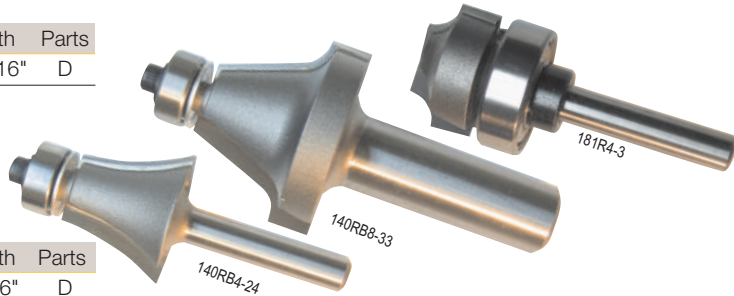


Tool no.	D	Shank	$\alpha$	R	B	Length	Parts
140RB8-33	1 5/16"	1/2"	70°	3/16"	5/8"	2 15/16"	D

## Edge Forming Bit, 2 Flutes



Tool no.	D	Shank	R	B	Length	Parts
140RB4-24	15/16"	1/4"	1 21/32"	5/8"	2 7/16"	D

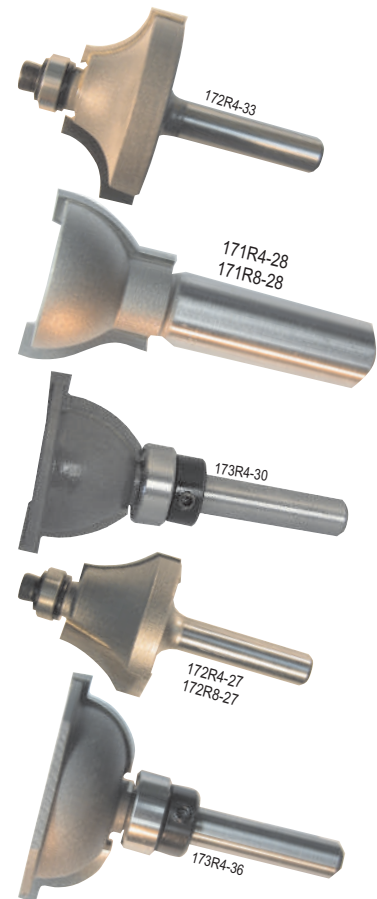
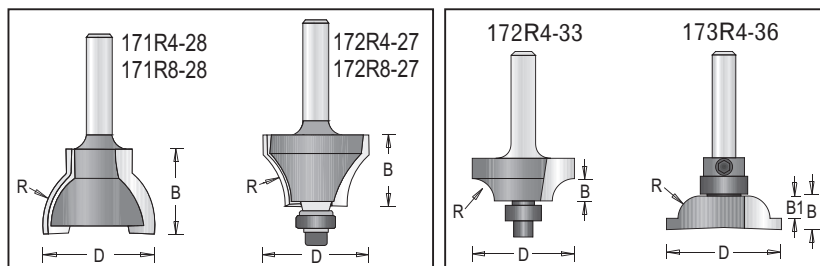
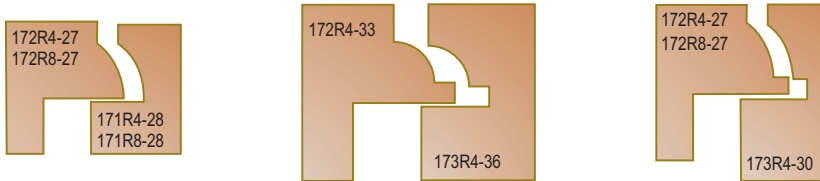


## Sash Bar Joint Bits, 2 Flutes



Tool no.	D	Shank	B	R	Length	Parts
171R4-28	1 1/8"	1/4"	3/4"	11/16"	1 7/8"	B
171R8-28	1 1/8"	1/2"	3/4"	11/16"	2 5/16"	B
172R4-27	1 1/16"	1/4"	11/16"	11/16"	2 3/16"	B
172R8-27	1 1/16"	1/2"	11/16"	11/16"	2 5/8"	B

Tool no.	D	Shank	B	B1	R	Length	Parts
172R4-27	1 1/16"	1/4"	11/16"	1/2"	11/16"	2 3/16"	B
172R4-33	1 5/16"	1/4"	19/32"	3/8"	11/32"	2 1/16"	B
173R4-30	1 3/16"	1/4"	5/8"	1/2"	11/16"	2"	F
173R4-36	1 7/16"	1/4"	15/32"	3/8"	11/32"	1 7/8"	F

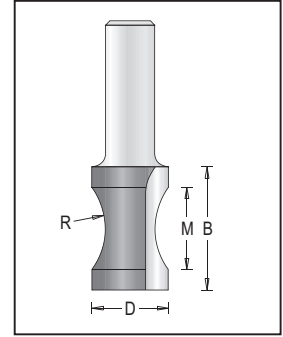
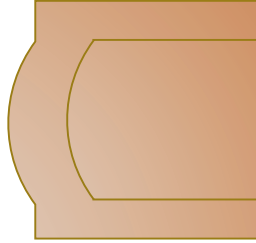




## True Bull Nose Bits, 2 Flutes



Category



**Note:**  
R is exact radius;  
M is recommended wood thickness

Tool no.	D	Shank	B	R	M	Length
129RSP4-20	13/16"	1/4"	1 1/4"	23/32"	7/8"	2 1/2"
129RSP8-20	13/16"	1/2"	1 1/4"	23/32"	7/8"	2 3/4"

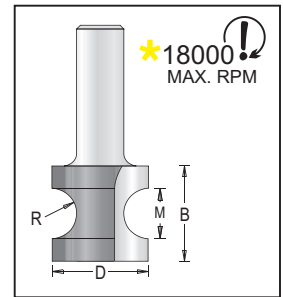
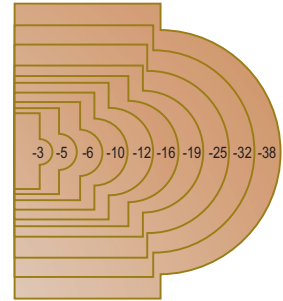
## Bull Nose Bits (Half Round), 2 Flutes



Category

**Note:**  
R is exact radius;  
M is recommended wood thickness

Tool no.	D	Shank	B	R	M	Length
129R4-3	17/32"	1/4"	1/2"	5/64"	5/32"	1 5/8"
129R8-3	17/32"	1/2"	1/2"	5/64"	5/32"	2 3/16"
129R4-5	19/32"	1/4"	1/2"	7/64"	7/32"	1 5/8"
129R8-5	19/32"	1/2"	1/2"	7/64"	7/32"	2"
129R4-6	21/32"	1/4"	3/4"	9/64"	9/32"	1 7/8"
129R8-6	21/32"	1/2"	3/4"	9/64"	9/32"	2 1/4"
129R4-10	7/8"	1/4"	3/4"	13/64"	13/32"	1 7/8"
129R8-10	7/8"	1/2"	3/4"	13/64"	13/32"	2 1/4"
129R4-12	1 1/32"	1/4"	1"	17/64"	35/64"	2 1/8"
129R8-12	1 1/32"	1/2"	1"	17/64"	35/64"	2 1/2"
129R8-16	1 1/16"	1/2"	1"	5/16"	5/8"	2 1/2"
129R8-19	1 5/16"	1/2"	1 3/8"	3/8"	3/4"	2 7/8"
129R8-25	1 11/16"	1/2"	1 9/16"	1/2"	1"	3 1/16"
129R8-32	2"	1/2"	2"	5/8"	1 1/4"	3 1/2"
*129RR8-38	2 3/8"	1/2"	2"	3/4"	1 1/2"	3 1/2"



## Bull Nose Bits (Half Round), 2 Flutes



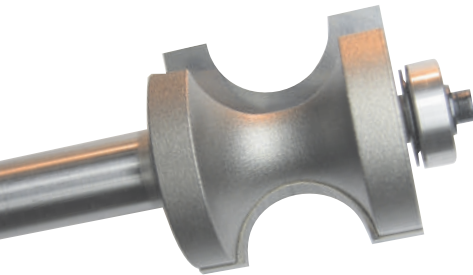
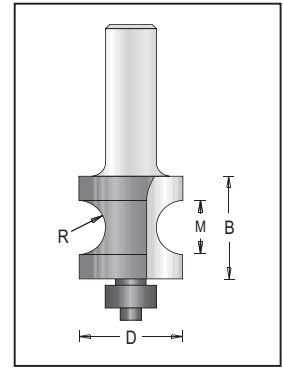
Category



Parts  
page 114

**Note:** R is exact radius;  
M is recommended wood  
thickness

Tool no.	D	Shank	B	R	M	Length	Parts
129RB8-6	25/32"	1/2"	3/4"	9/64"	17/64"	2 5/8"	D
129RB8-12	1 1/32"	1/2"	1"	17/64"	35/64"	3"	D
129RB8-19	1 3/8"	1/2"	1 1/4"	3/8"	3/4"	3 5/16"	O
129RB8-25	1 3/4"	1/2"	1 9/16"	1/2"	1"	3 5/8"	S
129RB8-32	2"	1/2"	2"	5/8"	1 1/4"	4"	S



## Bull Nose Bit with Centre Ball Bearing- Plunge Type, 2 Flutes

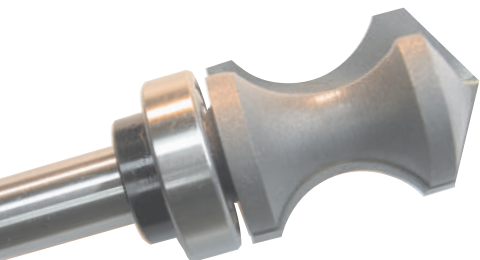
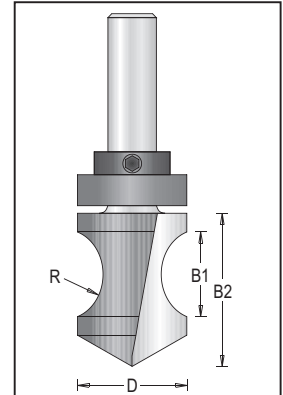


Category



Parts  
page 114

Tool no.	D	Shank	B1	B2	R	Length	Parts
129RC8-28	1 1/8"	1/2"	7/8"	1 9/16"	1/2"	3 5/8"	BB
*129R8-28	1 1/8"	1/2"	7/8"	1 9/16"	1/2"	3 5/8"	



\* No bearing

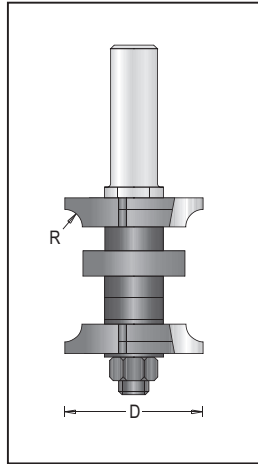


## Rounding Over Set, 3 Flutes

Category

Fully adjustable assembly for rounding both corners, top and bottom in just one pass, by adjusting the assembly of spacers on the arbor.

**Note:** For wood thickness of 3/4" and up, use (Ball Bearing BB-28M) which is 9.0mm thick, plus appropriate spacers as shown.



For Wood between  
3/8" < through > 1 1/4"

Tool no.	D	Shank	R	Length
158R8-4	1 1/2"	1/2"	3/16"	3 5/8"

Replacement Parts: Upper Cutter: 1580940; Lower Cutter: 1580950

For Wood between  
1/2" < through > 1 1/4"

Tool no.	D	Shank	R	Length
158R8-6	1 5/8"	1/2"	1/4"	3 5/8"

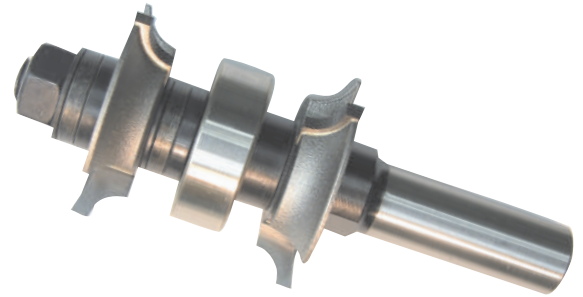
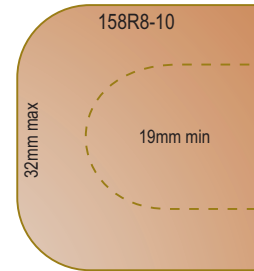
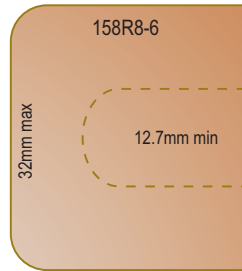
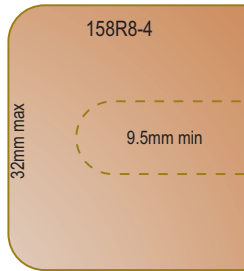
Replacement Parts: Upper Cutter: 1580630; Lower Cutter: 1580640

Wood between  
3/4" < through > 1 1/4"

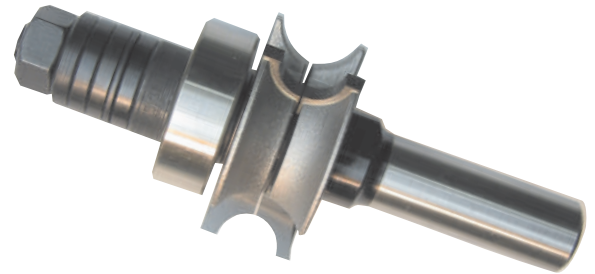
Tool no.	D	Shank	R	Length
158R8-10	1 7/8"	1/2"	3/8"	3 5/8"

Replacement Parts: Upper Cutter: 1580830; Lower Cutter: 1580840

- Replacement Parts:
- Ball Bearing (BB): BB-28M
  - 1/2" Arbor: 1900088
  - Spacer 6.0mm (2 Pcs): 1920160
  - Spacer 3.0mm (1 Pc): 1920150
  - Spacer 1.0mm (2 Pcs): 1920110
  - Spacer 0.5mm (2 Pcs): 1920130
  - Spacer 0.1mm 6 Pcs): 1921000
  - Nut: 1980020



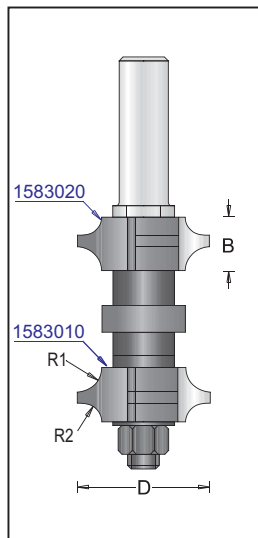
Setup examples



## Adjustable Rounding Over Set, 3 Flutes

Category

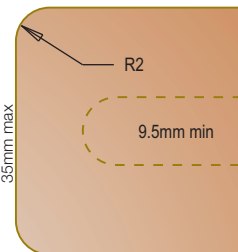
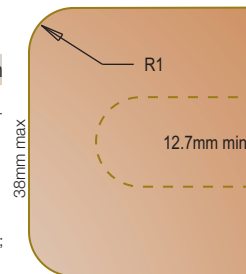
Fully adjustable set for corner rounding top and bottom in just one pass.



Tool no.	D	R1	R2	Shank	Length
158RR	1 3/8"	1/4"	3/16"	1/2"	4 1/4"

Replacement Parts:

- Top Cutter: 1583020; Bottom Cutter: 1583010; Ball Bearing: BB-22; Arbor & Nut: 1900118; Spacer 1.0mm (3Pcs.): 1920110; Spacer 3.0mm (2Pcs): 1920150; Spacer 6.0mm (2Pcs.): 1920160; Spacer 0.5mm (1Pc): 1920130; Spacer 0.1mm (4Pcs.): 1921000



For 1/4" Radius use wood thickness from 1/2" < through > 1 1/2".

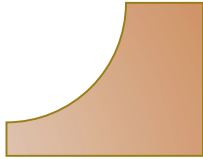
For 3/16" Radius use wood thickness from 3/8" < through > 1 3/8".



## Cove Bits with Ball Bearing Guide, 2 Flutes



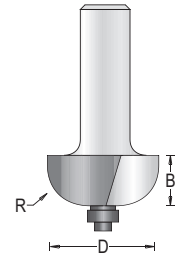
Parts page 114



Tool no.	D	Shank	B	R	Length	Parts
112R4-1.5	1/2"	1/4"	1/2"	1/16"	2"	C
112R8-1.5	1/2"	1/2"	1/2"	1/16"	2 3/8"	C
112R4-3	5/8"	1/4"	1/2"	1/8"	2"	C
112R8-3	5/8"	1/2"	1/2"	1/8"	2 3/8"	C
112R4-5	3/4"	1/4"	9/16"	3/16"	2 1/16"	C
112R8-5	3/4"	1/2"	9/16"	3/16"	2 7/16"	C
112R4-6	7/8"	1/4"	9/16"	1/4"	2 1/16"	C
112R8-6	7/8"	1/2"	9/16"	1/4"	2 7/16"	C
112R4-8	1"	1/4"	9/16"	5/16"	2 1/16"	C
112R8-8	1"	1/2"	9/16"	5/16"	2 7/16"	C
112R4-10	1 1/8"	1/4"	9/16"	3/8"	2 1/16"	C
112R8-10	1 1/8"	1/2"	9/16"	3/8"	2 7/16"	C
112R4-12	1 3/8"	1/4"	3/4"	1/2"	2 1/4"	C
112R8-12	1 3/8"	1/2"	3/4"	1/2"	2 7/16"	C
112R8-16	1 5/8"	1/2"	3/4"	5/8"	2 5/8"	C
112R8-19	1 7/8"	1/2"	1"	3/4"	3"	D
112R8-22	2 3/8"	1/2"	1 1/4"	7/8"	3 3/8"	D
112R8-25	2 3/8"	1/2"	1 1/4"	1"	3 3/8"	D
*112R8-32	3"	1/2"	1 1/2"	1 1/4"	3 3/8"	D
*112R8-38	3 1/2"	1/2"	1 11/16"	1 1/2"	3 3/8"	D

✱ 18000! MAX. RPM

\* 9000! MAX. RPM



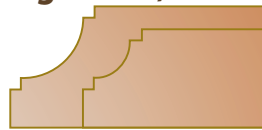
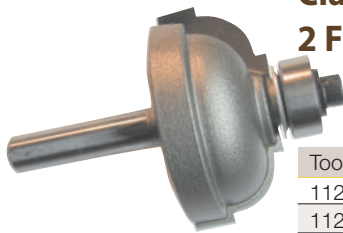
## Classic Panel Bits with Ball Bearing Guide, 2 Flutes



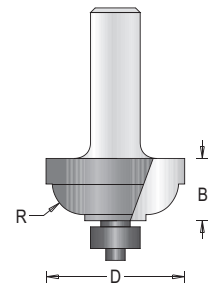
Parts page 114



Flat Screw



Tool no.	D	Shank	B	R	Length	Parts
112RCP4-5	1 1/8"	1/4"	1/2"	3/16"	2"	D
112RCP8-5	1 1/8"	1/2"	1/2"	3/16"	2 3/8"	D
112RCP4-8	1 3/8"	1/4"	5/8"	5/16"	2 1/8"	D
112RCP8-8	1 3/8"	1/2"	5/8"	5/16"	2 1/2"	D



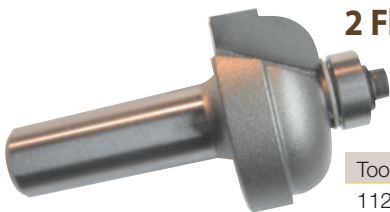
## Roman Ogee Bits with Ball Bearing Guide, 2 Flutes



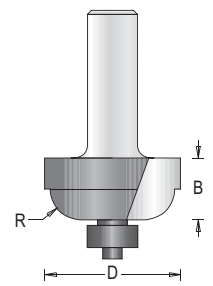
Parts page 114



Flat Screw



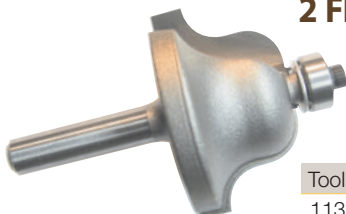
Tool no.	D	Shank	B	R	Length	Parts
112ROG4-5	1 1/8"	1/4"	1/2"	3/16"	2"	D
112ROG8-5	1 1/8"	1/2"	1/2"	3/16"	2 3/8"	D
112ROG4-8	1 3/8"	1/4"	5/8"	5/16"	2 1/8"	D
112ROG8-8	1 3/8"	1/2"	5/8"	5/16"	2 1/2"	D



## Roman Ogee Bits with Ball Bearing Guide, 2 Flutes



Parts page 114



Tool no.	D	Shank	B	R	Length	Parts
113R4-4	1"	1/4"	5/8"	5/32"	2 1/16"	C
113R8-4	1"	1/2"	5/8"	5/32"	2 7/16"	C
113R4-6	1 3/8"	1/4"	3/4"	1/4"	2 1/4"	C
113R8-6	1 3/8"	1/2"	3/4"	1/4"	2 5/8"	C
113R8-10	2"	1/2"	1"	3/8"	3"	C

