

Slot Cutters

without arbor

— **822 CARBIDE TIPPED** —



CMT
the only **ORANGE** one™

These three wing carbide tipped CMT Slot Cutters feature anti-kickback three wing blade design and CMT trademark orange Teflon® Industrial Coating. Equipped with an 8mm bore that fits either CMT 1/4" and 1/2" arbors (items 824).

I Cutting Height inches	I Cutting Height mm	D Cutting Diameter	F Bore Diameter	Order No.	List Price \$
1/16"	1.6	1-7/8"	8 mm	822.316.11	18.90
5/64"	2	1-7/8"	8 mm	822.320.11	18.90
3/32"	2.4	1-7/8"	8 mm	822.324.11	18.90
1/8"	3.2	1-7/8"	8 mm	822.332.11	18.90
5/32"	4	1-7/8"	8 mm	822.340.11	19.50
3/16"	4.8	1-7/8"	8 mm	822.348.11	19.50
15/64"	6	1-7/8"	8 mm	822.360.11	19.90
1/4"	6.4	1-7/8"	8 mm	822.364.11	19.90



Slot Cutter Arbors

— **824** —

Machined from special high-resistance bar steel and precision ground on all attachable areas. Available in 1/4" or 1/2" diameter shank, with or without ball bearing guide.



Description	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
			1/4" Shank	1/2" Shank
Slot cutter arbor without bearing	824.064.00	824.127.00	6.90	6.90
Slot cutter arbor with bearing	824.064.10	824.127.10	9.50	9.50
SPARE PARTS:				
22 mm bearing		791.005.00		4.90
4 mm spacer		541.501.00		6.50
3 mm spacer		541.500.00		6.50
1 mm spacer		541.506.00		6.50
Nut for arbor, M8 thread		990.020.00		0.90



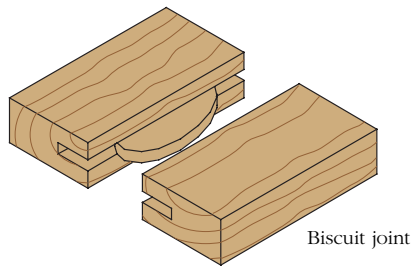
Slot Cutters

with arbor and bearing

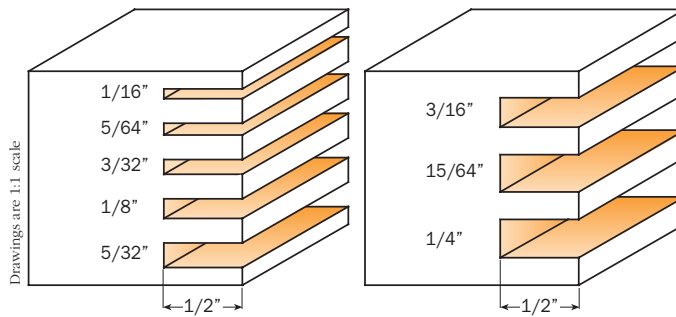
822A/B CARBIDE TIPPED

Uses for the CMT Slot Cutter are almost infinite. Cut slots and grooves for splines, biscuits, T-molding or tongue and groove joints. Every cutter features anti-kickback design, micrograin carbide tips, three wing blade design and CMT trademark orange Teflon® Industrial Coating. CMT Slot Cutters are available as a blade only or with your choice of 1/4" or 1/2" diameter arbor which includes a 22 mm diameter bearing for cutting depth up to 1/2" .

Note: For biscuit jointing use 822.340.11A with 1/4" shank or 822.340.11B with 1/2" shank.



Biscuit joint



I Cutting Height inches	mm	D Cutting Diameter		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/16"	1.6	1-7/8"		822.316.11A	822.316.11B	26.90	26.90
5/64"	2	1-7/8"		822.320.11A	822.320.11B	26.90	26.90
3/32"	2.4	1-7/8"		822.324.11A	822.324.11B	26.90	26.90
1/8"	3.2	1-7/8"		822.332.11A	822.332.11B	27.50	27.50
5/32"	4	1-7/8"		822.340.11A	822.340.11B	27.90	27.90
3/16"	4.8	1-7/8"		822.348.11A	822.348.11B	27.90	27.90
15/64"	6	1-7/8"		822.360.11A	822.360.11B	28.50	28.50
1/4"	6.4	1-7/8"		822.364.11A	822.364.11B	28.50	28.50

Spare Parts: see facing page (Item 822 and 824)

Three Wing Slot Cutter Set



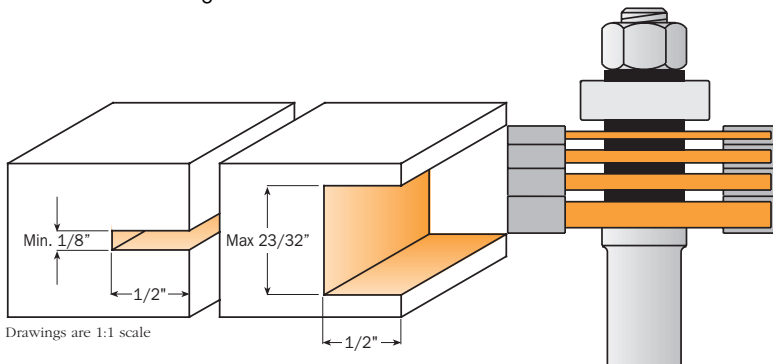
800.506 CARBIDE TIPPED

Create slots, grooves and rabbets from 1/8" to 23/32" in depth by using the adjustable CMT Three Wing Slot Cutter set. See chart below for details on spacing and correct cutter combinations. Ideal for biscuit joints and milling perfect tongue and groove joints.

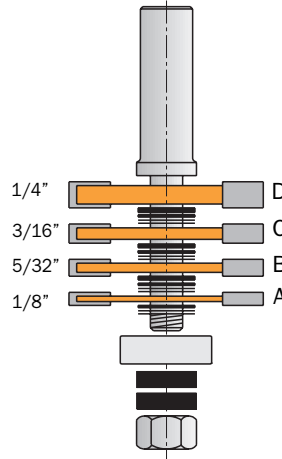
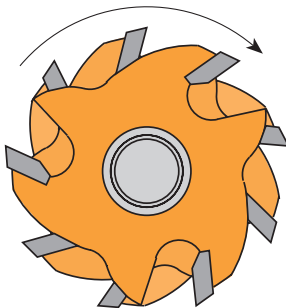
This set includes:

- 4 carbide tipped cutters 1/8", 5/32", 3/16", 1/4"
- 1 arbor 1/2"
- 1 ball bearing (22mm) for 1/2" cut.
- 17 shims: (8 x 0.1 mm - 4 x 0.5 mm - 3 x 1 mm and 2 x 4 mm).

Safety tips: Never use the slot cutter set without shims between the cutters. The distance between the cutters can vary from 1mm to 1.7mm. A shim must also be positioned between the ball bearing and the cutters.



NOTE: The carbide edges of the cutters should never touch; arrange the shims as illustrated below. Use only the thicknesses provided in the set. Be sure all cutters are assembled in the proper right rotational direction below. Looking down the arbor the cutters will turn clockwise.



Cutter Combination	Cutting Height	
A	1/8"	
B	5/32"	
C	3/16"	
D	1/4"	
A + B	1/4"	to 9/32"
A + C	9/32"	to 5/16"
A + D	11/32"	to 3/8"
B + C	5/16"	to 11/32"
B + D	3/8"	to 13/32"
C + D	13/32"	to 7/16"
A + B + C	13/32"	to 15/32"
A + B + D	15/32"	to 17/32"
A + C + D	1/2"	to 9/16"
B + C + D	17/32"	to 19/32"
A + B + C + D	5/8"	to 23/32"

Use shims to adjust cut width: MIN. 1 mm - MAX 1.7 mm

I Cutting Height inches	mm	D Cutting Diameter		Order No. 1/2" Shank	List Price \$	
					1/4" Shank	1/2" Shank
1/8" to 23/32"	3.2 - 18	1-7/8"		800.506.11	N/A	83.90

SPARE PARTS:		Order No.	Price
1/2" arbor with shims		824.128.00	10.50
22 mm bearing		791.005.00	4.90
Nut for arbor, M8 thread		990.020.00	0.90

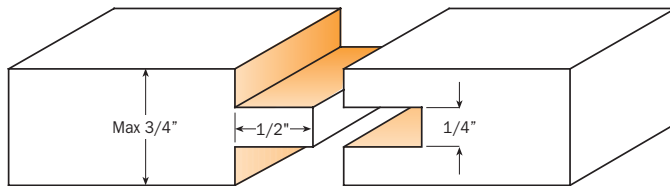
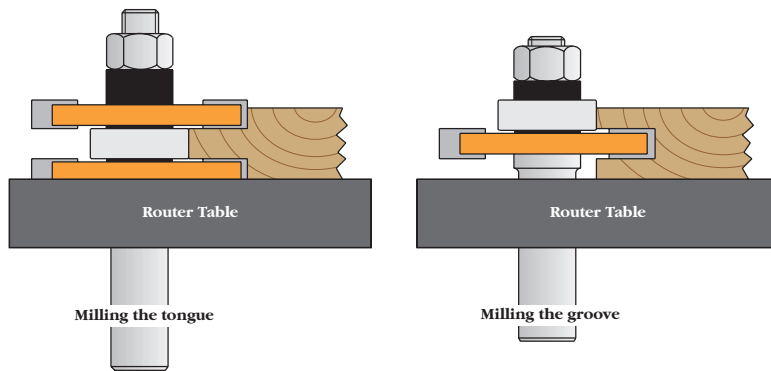


Tongue and Groove Set

800.626 CARBIDE TIPPED

Make tongue and groove joints without the complicated process of taking apart and reassembling bits. The new CMT Tongue and Groove set gives you one bit to groove the slot and a separate bit to mill the tongue. Or use your imagination and put them to work individually on other projects. Makes tongue and groove cuts in wood up to 3/4" thick.

Sold as a Set. **Slot cutter** with arbor and bearing (item 822.364.11B) available separately, see page 29.



Drawings are 1:1 scale



I Cutting Height inches mm	D Cutting Diameter	Order No.	List Price \$	
			1/4" Shank	1/2" Shank
3/4" 19	1-7/8"	800.626.11	N/A	82.50
SPARE PARTS:		822.364.11		19.90
Three-flute blade		791.005.00		4.90
22 mm bearing		990.020.00		0.90
Nut for arbor, M8 thread				

Dovetail Bits



818-818B CARBIDE TIPPED

The beautifully crafted dovetail joint is a classic that appeals to both professionals and novices alike. Admired for its attractiveness in exposed joint projects, the dovetail is remarkably strong and functional. CMT Dovetail bits are available in 26 different sizes including the new 8°-7/16" diameter so you can stretch your creativity to its furthest. See the illustrations on the next page for dovetail joinery possibilities. CMT Dovetail bits are designed to fit all popular jigs including Leigh, Keller, JoinTECH and Omnijig systems.

You are sure to find the bit you are looking for in our vast selection of cutting sizes and angles. Check the overall length of the bit before placing an order to be sure you get the size you need - CMT makes bits specifically to fit on jigs and routers that require a longer shank length.

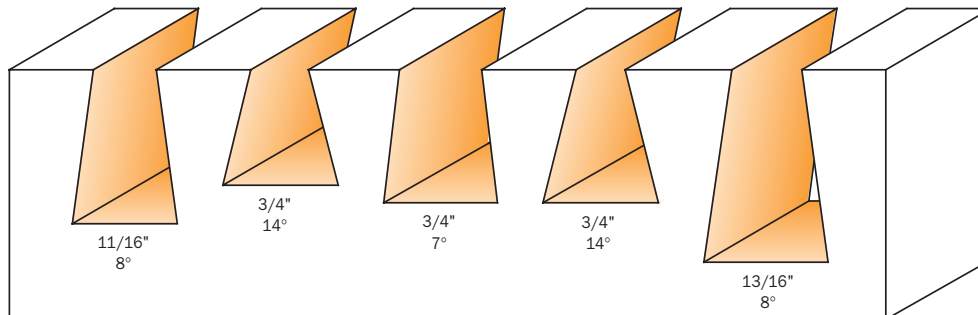
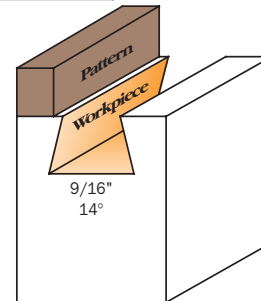
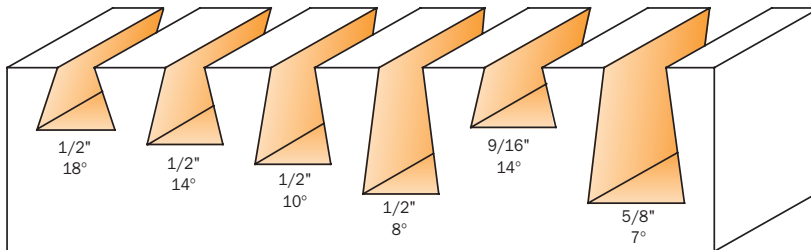
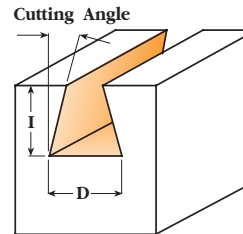
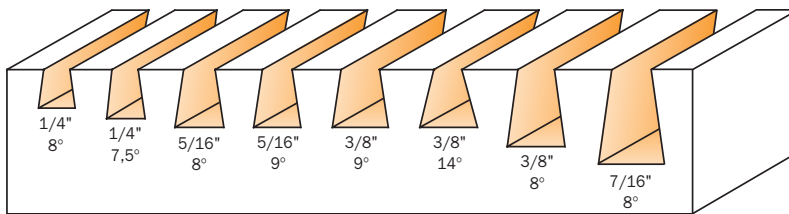
See pages 34 and 35 for **Dovetail & Straight Bit Sets**



Item 818



Item 818B



Drawings are 1:1 scale

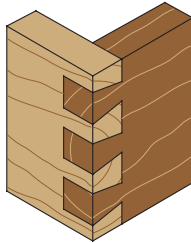


Dovetail Bits

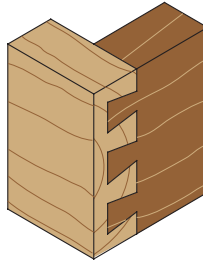
818-818B CARBIDE TIPPED

Here are a few of the beautiful joints you can produce with CMT bits.

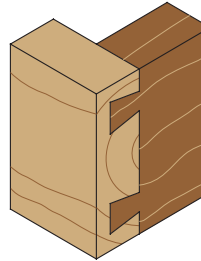
Through dovetail



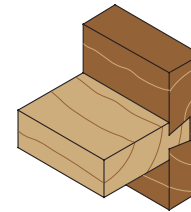
Half-blind dovetail



Variably-spaced dovetail



Sliding dovetail



D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	Cutting Angle	L Overall Length		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
								1/4" Shank	1/2" Shank
1/4"	6.35	1/4"	8°	2"	<i>For Leigh Jig</i>	818.065.11		20.50	N/A
1/4"	6.35	5/16"	7.5°	2-1/2"	<i>For Inkra Jig</i>	818.064.11	818.564.11	20.90	23.90
5/16"	8	3/8"	8°	2-1/8"	<i>For Leigh Jig</i>	818.081.11		22.90	N/A
5/16"	8	3/8"	9°	2-1/16"	<i>For Inkra Jig</i>	818.080.11		20.90	N/A
5/16"	8	3/8"	9°	2-1/2"	<i>For Inkra Jig</i>		818.580.11	N/A	24.90
3/8"	9.5	3/8"	9°	2-1/16"	<i>For Inkra Jig</i>	818.096.11		20.90	N/A
3/8"	9.5	3/8"	9°	2-1/2"	<i>For Inkra Jig</i>		818.596.11	N/A	21.90
3/8"	9.5	3/8"	14°	2-3/8"		818.098.11		21.90	N/A
3/8"	9.5	1/2"	8°	2-3/8"	<i>For Leigh Jig</i>	818.097.11		22.90	N/A
7/16" NEW	11.1	5/8"	8°	2-3/8"	<i>For Leigh Jig</i>	818.111.11		22.90	
1/2"	12.7	13/32"	18°	2-3/8"	<i>For Leigh Jig</i>	818.132.11		22.90	N/A
1/2"	12.7	1/2"	14°	2-1/16"	<i>For Inkra Jig</i>	818.128.11		19.50	N/A
1/2"	12.7	1/2"	14°	2-1/2"	<i>For Inkra Jig</i>		818.628.11	N/A	22.90
1/2"	12.7	1/2"	14°	2-7/16"	<i>For Leigh Jig</i>	818.130.11		19.90	N/A
1/2"	12.7	5/8"	10°	2-3/8"	<i>For Leigh Jig</i>	818.133.11		22.90	N/A
1/2"	12.7	13/16"	8°	2-3/4"	<i>For Leigh Jig</i>	818.129.11		20.50	N/A
9/16"	14.2	3/8"	14°	2"		818.142.11		22.90	N/A
5/8"	15.8	7/8"	7°	2-3/8"	<i>For Inkra Jig</i>	818.158.11		23.90	N/A
5/8"	15.8	7/8"	7°	2-5/8"	<i>For Inkra Jig</i>		818.658.11	N/A	25.50
11/16"	17.4	1"	8°	3-1/16"	<i>For Leigh Jig</i>		818.674.11	N/A	30.50
3/4"	19	3/4"	14°	3-1/16"			818.691.11	N/A	26.90
3/4"	19	7/8"	7°	2-3/8"	<i>For Inkra Jig</i>	818.190.11		23.90	N/A
3/4"	19	7/8"	7°	2-5/8"	<i>For Inkra Jig</i>		818.690.11	N/A	26.90
3/4"	19	7/8"	14°	2-3/8"		818.191.11		32.50	N/A
13/16"	20.6	1-1/4"	8°	3-5/16"	<i>For Leigh Jig</i>		818.706.11	N/A	31.50

with top bearing guides

D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	Cutting Angle	Bearing Diameter		Order No. 1/4" Shank		List Price \$	
								1/4" Shank	1/2" Shank
9/16"	14.2	3/8"	14°	1/2"		818.142.11B		33.50	N/A

SPARE PARTS:

1/2" bearing	791.010.00	5.90
Stop collar for 1/4" shank	541.001.00	6.50
1.5 mm hex key for stop collar	991.056.00	3.50

8-Piece Dovetail & Straight Bit Sets *with Wooden Case*



800.500.11 CARBIDE TIPPED 1/4" Shank Set for INCRA AND JOINTECH JIG **\$ 148.50**
LIST PRICE

800.501.11 CARBIDE TIPPED 1/2" Shank Set for INCRA AND JOINTECH JIG **\$ 170.50**
LIST PRICE

Set Contains	Cutter angle	Cutter Diam.	Cutter Height	Order No. 1/4" shank	Overall Length	Order No. 1/2" shank	Overall Length	List Price \$	
								1/4" Shank	1/2" Shank
Dovetail bit	7°	5/8"	7/8"	818.158.11	2-3/8"	818.658.11	2-5/8"	23.90	25.50
Dovetail bit	7°	3/4"	7/8"	818.190.11	2-3/8"	818.690.11	2-5/8"	23.90	26.90
Dovetail bit	7.5°	1/4"	5/16"	818.064.11	2-1/2"	818.564.11	2-1/2"	20.90	23.90
Dovetail bit	9°	5/16"	3/8"	818.080.11	2-1/16"	818.580.11	2-1/2"	20.90	24.90
Dovetail bit	9°	3/8"	3/8"	818.096.11	2-1/16"	818.596.11	2-1/2"	20.90	21.90
Dovetail bit	14°	1/2"	1/2"	818.128.11	2-1/16"	818.628.11	2-1/2"	19.50	22.90
Straight bit		1/4"	3/4"	811.065.11	2-1/4"	811.564.11	2-3/8"	16.50	20.50
Straight bit		3/8"	1"	811.096.11	2-1/2"	811.595.11	2-5/8"	18.90	19.50

13-Piece Dovetail & Straight Bit Set *with Wooden Case*



The 13 piece Dovetail & Straight bit set is designed specially for the Leigh D4 jig and includes the new 8° dovetail with 7/16" cutting diameter.

800.519.11 CARBIDE TIPPED 1/4" - 1/2" Shank Set for LEIGH D4 JIG **\$ 239.90**
LIST PRICE

Set Contains	Cutter angle	Cutter Diam.	Cutter Height	Order No. 1/4" shank	Overall Length	Order No. 1/2" shank	Overall Length	Leigh number	List Price \$	
									1/4" Shank	1/2" Shank
Straight bit		5/16"	1"	811.081.11	2-13/16"			140	18.90	N/A
Straight bit		7/16"	1-1/4"			812.611.11	3-1/4"	150	N/A	22.90
Straight bit		1/2"	1-1/4"			811.628.11	3-1/4"	160	N/A	18.90
Dovetail bit	8°	1/4"	1/4"	818.065.11	2"			50	20.50	N/A
Dovetail bit	8°	5/16"	3/8"	818.081.11	2-1/8"			60	22.90	N/A
Dovetail bit	8°	3/8"	1/2"	818.097.11	2-3/8"			70	22.90	N/A
Dovetail bit NEW	8°	7/16"	5/8"	818.111.11	2-3/8"			75	22.90	N/A
Dovetail bit	8°	1/2"	13/16"	818.129.11	2-3/4"			80	20.50	N/A
Dovetail bit	14°	1/2"	1/2"	818.130.11	2-7/16"			120	19.90	N/A
Dovetail bit	10°	1/2"	5/8"	818.133.11	2-3/8"			101	22.90	N/A
Dovetail bit	18°	1/2"	13/32"	818.132.11	2-3/8"			128	22.90	N/A
Dovetail bit	8°	11/16"	1"			818.674.11	3-1/16"	90	N/A	30.50
Dovetail bit	8°	13/16"	1-1/4"			818.706.11	3-5/16"	100	N/A	31.50



Sets with Wooden Case

Perfect for the craftsman with a creative flair. The CMT 8 and 13 piece Dovetail & Straight Bit sets have all the most frequently used bits for constructing boxes, making creative joinery and a wide range of other projects. Safely packaged in hardwood boxes to give you easier organization and unlimited possibilities. Bits suit most popular jigs. Complete money saving sets to fit Leigh and Incra jig and Jointech systems.

800.500.11 CARBIDE TIPPED 1/4" Shank Set for INCRA AND JOINTECH JIG **\$ 148.50**
LIST PRICE

800.501.11 CARBIDE TIPPED 1/2" Shank Set for INCRA AND JOINTECH JIG **\$ 170.50**
LIST PRICE

800.519.11 CARBIDE TIPPED 1/4" - 1/2" Shank Set for LEIGH D4 JIG **\$ 239.90**
LIST PRICE



800.500.11
with 1/4" shank
For Incra and Jointech Jig



800.519.11
with 1/4" - 1/2" shank
For Leigh D4 Jig



800.501.11
with 1/2" shank
For Incra and Jointech Jig

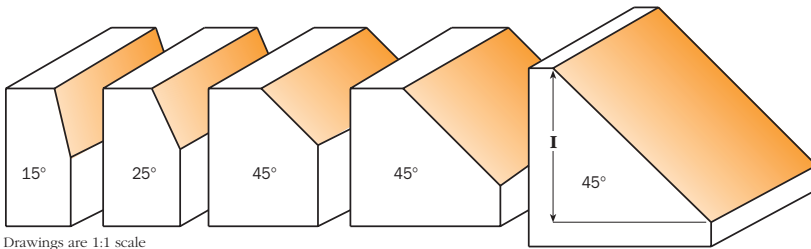
Chamfer Bits

with ball bearing guides

836 CARBIDE TIPPED



From a gently beveled edge to decorative chamfers in a variety of materials - CMT offers smooth results. The long cutting length allows maximum versatility in bevel dimensions.



Drawings are 1:1 scale



Cutting Angle	D Cutting Diameter		I Cutting Length	Order No. 1/4" Shank	Order No. 1/2" Shank
	inches	mm			
15°	3/4"	19	1/2"	836.130.11	
25°	7/8"	22.2	1/2"	836.190.11	
45°	1-1/4"	31.7	29/64"	836.280.11	
45°	1-3/4"	45	23/32"	836.420.11	836.920.11
45°	2-9/16"	65	1-1/8"		836.950.11

List Price \$
1/4" Shank 1/2" Shank

28.90	N/A
28.90	N/A
30.90	N/A
34.90	34.90
N/A	65.50
	3.90
	0.90
	3.50

SPARE PARTS:

1/2" bearing	791.003.00
Screw for bearing, 1/8W thread	990.057.00
3/32" hex key for 1/8W screws	991.057.00



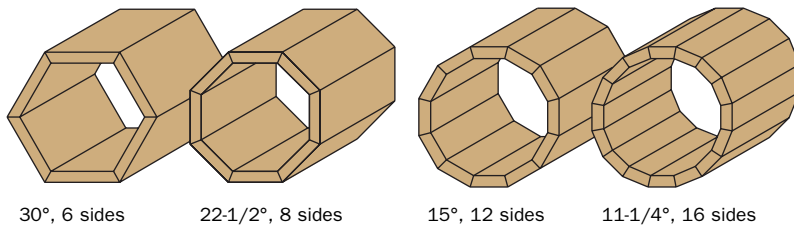
Chamfer Bits

with ball bearing guides

857 CARBIDE TIPPED

CMT Chamfer bits make polygon work easy. Cut clean, accurate bevels and chamfers to make perfectly aligned multi-sided containers, boxes and other decorative projects. See illustration below for examples. Can be used to work larger scale projects such as beams and columns with excellent results.

See page 38 for **The Chamfer Set**

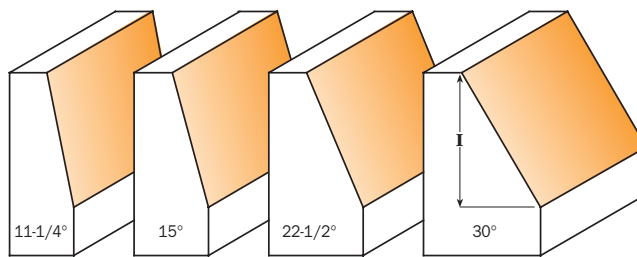


30°, 6 sides

22-1/2°, 8 sides

15°, 12 sides

11-1/4°, 16 sides



Drawings are 1:1 scale

Cutting Angle	D Cutting Diameter		I Cutting Length	Order No.	List Price \$		
	inches	mm			1/2" Shank	1/4" Shank	1/2" Shank
11-1/4°	7/8"	22	7/8"	857.504.11	N/A	35.90	
15°	1"	25	7/8"	857.503.11	N/A	35.90	
22-1/2°	1-1/4"	31	7/8"	857.502.11	N/A	34.90	
30°	1-1/2"	38.5	7/8"	857.501.11	N/A	35.90	
SPARE PARTS:							
		1/2" bearing		791.003.00			3.90
		Screw for bearing, 1/8W thread		990.057.00			0.90
		3/32" hex key for 1/8W screws		991.057.00			3.50

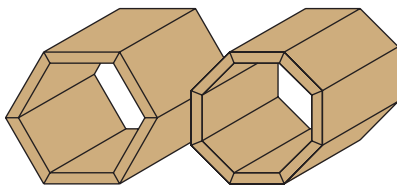
Chamfer Set



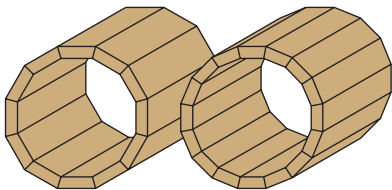
836.501.11 CARBIDE TIPPED 1/2" Shank Set

\$ 169.90
LIST PRICE

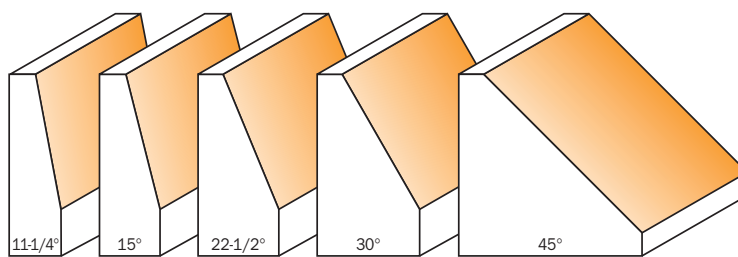
Why cut imperfect angles on your table saw when it's so much easier and accurate to use the CMT Chamfer set. Our solution to accurate polygon construction includes 5 anti-kickback, carbide tipped bits in the most popular angles - 11-1/4°, 15°, 22-1/2°, 30° and 45°. Make planters, boxes and multi-sided containers with perfectly flush angles. No polygon project is too difficult. Available with 1/2" shank.



30°, 6 sides 22-1/2°, 8 sides



15°, 12 sides 11-1/4°, 16 sides



Drawings are 1:1 scale

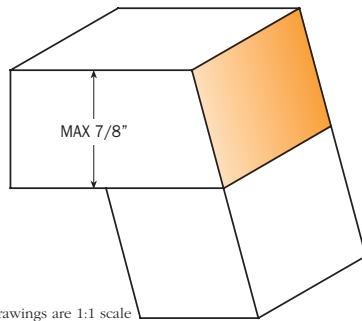
Set Contains	Cutting Angle	Order No. 1/2" Shank	List Price \$	
			1/4" Shank	1/2" Shank
Chamfer Bit	11-1/4°	857.504.11	N/A	35.90
Chamfer Bit	15°	857.503.11	N/A	35.90
Chamfer Bit	22-1/2°	857.502.11	N/A	34.90
Chamfer Bit	30°	857.501.11	N/A	35.90
Chamfer Bit	45°	836.920.11	N/A	34.90



Bevel Cutter

866.501 CARBIDE TIPPED

Special angled plastic sleeve on the bearing of the CMT Bevel Cutter lets you work without leaving marks on the workpiece. Trims and shapes all wood and solid surface materials. Perfect for kitchen and bathroom counter top work.



Drawings are 1:1 scale



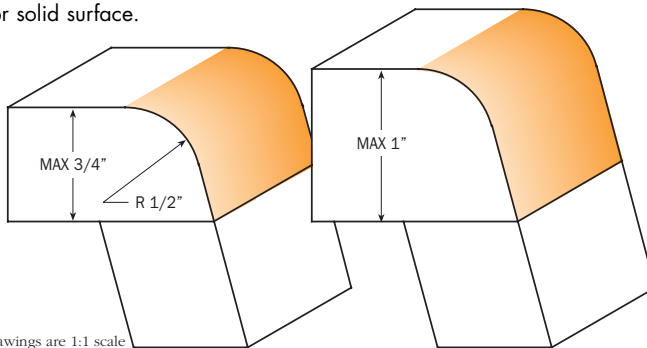
Cutting Angle	D Overall Diameter		I Cutting Length	Order No. 1/2" Shank	List Price \$	
	inches	mm			1/4" Shank	1/2" Shank
15°	1-1/4"	31.7	7/8"	866.501.11	N/A	87.90
SPARE PARTS: 3/4" - 10° bearing				791.041.00		8.90
Screw for bearing, 1/8W thread				990.057.00		0.90
3/32" hex key for 1/8W screws				991.057.00		3.50



Bowl Cutter

866.601/602 CARBIDE TIPPED

Ideal for solid surface.



Drawings are 1:1 scale



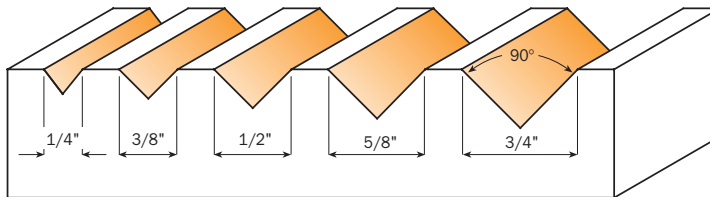
Max Stock Thickness inches	mm	Cutting Angle	D Overall Diameter	Order No. 1/2" Shank	List Price \$	
					1/4" Shank	1/2" Shank
3/4"	19	15°	2"	866.601.11	N/A	104.90
1"	25.4	15°	2"	866.602.11	N/A	112.90
SPARE PARTS: 3/4" - 10° bearing				791.041.00		8.90
Screw for bearing, 1/8W thread				990.057.00		0.90
3/32" hex key for 1/8W screws				991.057.00		3.50

90° V-Grooving Bits



815 CARBIDE TIPPED

These double cutting edge CMT V-Grooving Bits offer you an almost endless range of woodworking possibilities. Make clean, perfect incisions in panels or drawer fronts, chamfer edges or engrave beautiful lettering. In addition, CMT has versatile top bearing bits that let you follow whatever template you choose (see series 815B). Like all CMT bits, they are made of super strength Fatigue Proof® steel with carbide tipped cutting edges and are coated with our trademark orange Teflon® Industrial Coating.



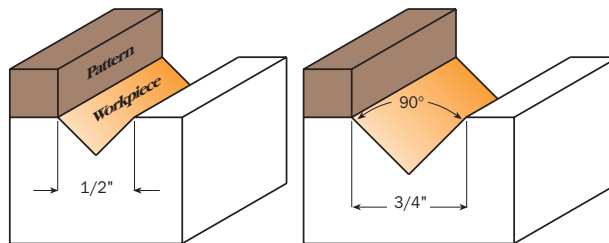
Drawings are 1:1 scale

D Cutting Diameter inches mm	I Cutting Length	Cutting Angle	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
					1/4" Shank	1/2" Shank
1/4"	6.35	5/16"	815.064.11		20.50	N/A
3/8"	9.5	1/2"	815.095.11		20.90	N/A
1/2"	12.7	1/2"	815.127.11		25.50	N/A
5/8"	15.8	1/2"		815.660.11	N/A	27.90
3/4"	19	5/8"		815.690.11	N/A	28.90

90° V-Grooving Bits

with top bearing guides

815B CARBIDE TIPPED



Drawings are 1:1 scale



D Cutting Diameter inches mm	I Cutting Length	Cutting Angle	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/2"	12.7	1/2"	1/2"	815.127.11B		31.50	N/A
3/4"	19	5/8"	3/4"		815.690.11B	N/A	40.90

SPARE PARTS:

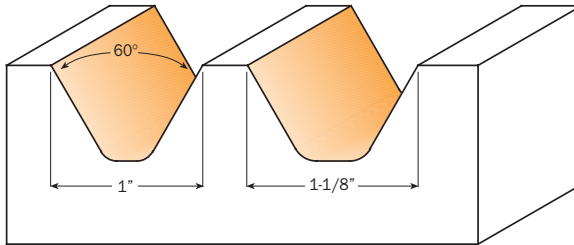
1/2" bearing	791.010.00	5.90
3/4" bearing	791.011.00	11.50
Stop collar for 1/4" shank	541.001.00	6.50
Stop collar for 1/2" shank	541.002.00	6.50
1.5 mm hex key for stop collars	991.056.00	3.50



60° Lettering Bits

849 CARBIDE TIPPED

Designed specifically for routing signs, these CMT Lettering bits have gracefully curving 60° cutting edges, an 1/8" radius and 1/4" flat bottom base. This profile allows you to create striking lettering effects for sign making while eliminating undesirable chipping and splintering. The CMT 60° bit is the perfect bit for making relief lettering - the flat base lets you quickly level off the area around the relief letter. By putting bevel edges on the raised characters you will reduce the possibility of splitting the lettering which often occurs when producing square relief effects.



Drawings are 1:1 scale

D Cutting Diameter inches	D mm	I Cutting Length	Cutting Angle	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1"	25.4	3/4"	60°	849.001.11		34.90	N/A
1-1/8"	28.5	3/4"	60°		849.501.11	N/A	35.50

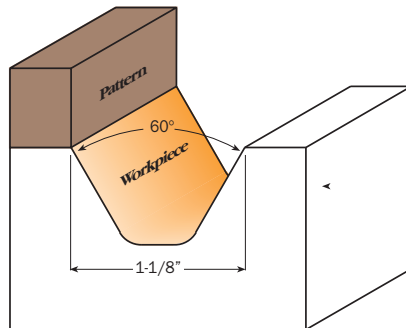


60° Lettering Bits

with top bearing guide

849B CARBIDE TIPPED

Try our 60° Lettering bit with top bearing guide to get even more precise decorative effects.



Drawings are 1:1 scale

D Cutting Diameter inches	D mm	I Cutting Length	Cutting Angle	Bearing Diameter	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1-1/8"	28.5	3/4"	60°	1-1/8"	849.501.11B	N/A	41.50

SPARE PARTS:

1-1/8" bearing	791.027.00	7.50
Stop collar for 1/2" shank	541.002.00	6.50
1.5 mm hex key for stop collars	991.056.00	3.50

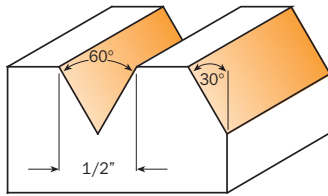


60° Laser Point Bit

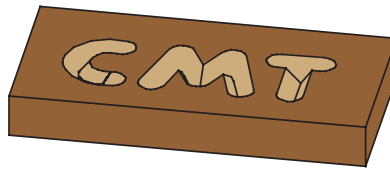


858 CARBIDE TIPPED

This CMT 60° Laser Point bit lets you make bevels so smooth and engravings so incredibly precise that they seem to have been made with a laser. The three super sharp cutting edges and the perfectly balanced bit allow you to work with superior precision and accuracy, even down to the point. Work the entire 1/2" diameter to create bold highlighted lettering and engraving or vary the height of the bit to create more delicate decorative work. The Laser point makes both a clean 30° bevel and engraves at a 60° angle. Super strong steel shank and micrograin carbide tips guarantee you a long lasting performance.



Drawings are 1:1 scale



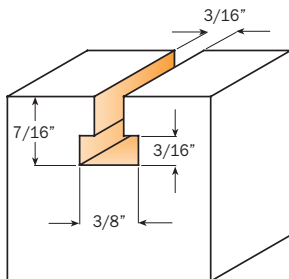
D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	Cutting Angle	Order No. 1/4" Shank	List Price \$	
					1/4" Shank	1/2" Shank
1/2"	12.7	7/16"	60°	858.001.11	34.90	N/A

Keyhole Bit

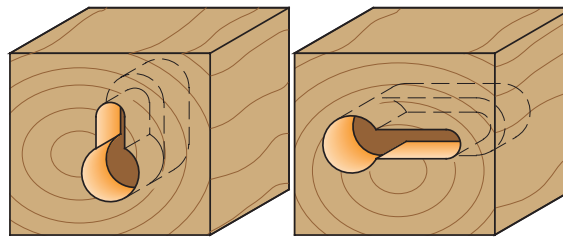


850 CARBIDE TIPPED

With the CMT Keyhole Bit you can make holes that keep your frames, plaques or any wall hanging perfectly straight and attached to the wall. The bit bores an entry hole in the wood, then proceeds to cut a 3/16" hole and finishes by boring a larger opening under the surface. The perfect way to securely mount wall hangings on screws and nails.



Drawings are 1:1 scale



D Cutting Diameter inches	D Cutting Diameter mm	d Small Cutting Diameter	I Cutting Length	Order No. 1/4" Shank	List Price \$	
					1/4" Shank	1/2" Shank
3/8"	9.5	3/16"	7/16"	850.001.11	22.90	N/A



Round Nose Bits

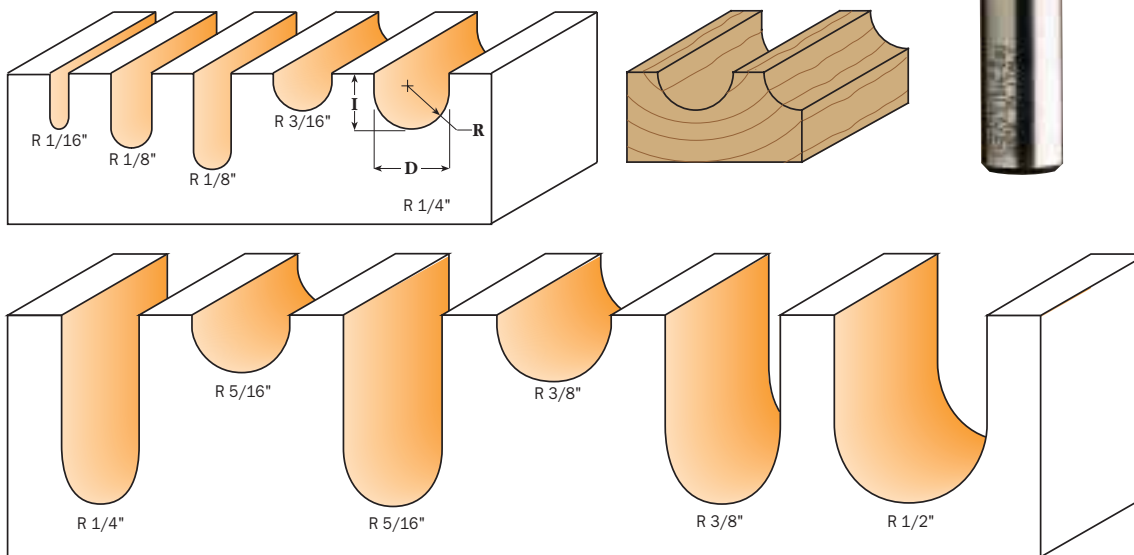
814 CARBIDE TIPPED

Personalize your doors, drawer fronts, panels or any surface you choose with your own signature motif. CMT Round Nose bits in solid carbide or with carbide tipped flutes let you create engraving in any wood or wood product.

We offer a complete selection of diameters and cutting depths so you can achieve the effects you want. Mounted on your router table, you can work up to 1-1/4" in depth.

For even more elaborate decorations, we also offer top bearing bits - use your own template with one of these bits to produce truly unique doors and drawer fronts. A favorite item for professional sign makers, craft makers and hobbyists.

See page 45 for **The Round Nose Set** available with both 1/4" and 1/2" shanks



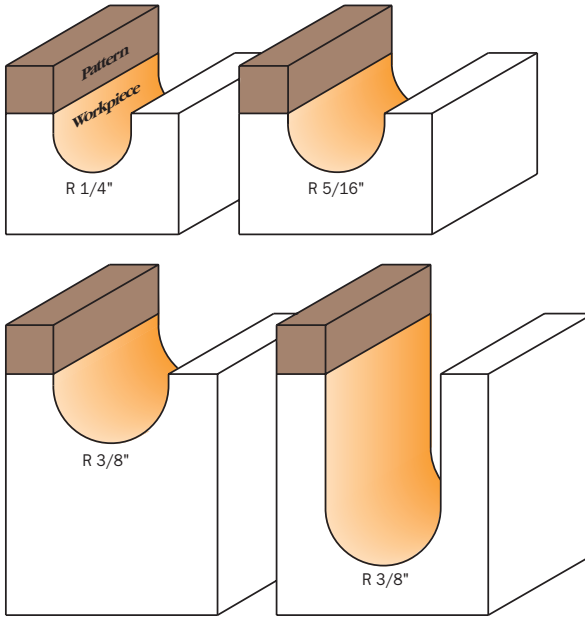
Drawings are 1:1 scale

R Cutting Radius inches	mm	D Cutting Diameter	I Cutting Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/16"	1.6	1/8"	3/8"	814.032.11		20.90	N/A
1/8"	3.2	1/4"	1/2"	814.064.11		19.90	N/A
1/8"	3.2	1/4"	5/8"		814.564.11	N/A	26.50
3/16"	4.75	3/8"	1/4"	814.095.11		21.90	N/A
1/4"	6.35	1/2"	3/8"	814.127.11		25.50	N/A
1/4"	6.35	1/2"	1-1/4"		814.627.11	N/A	35.90
5/16"	7.9	5/8"	3/8"	814.160.11		26.50	N/A
5/16"	7.9	5/8"	1-1/4"		814.660.11	N/A	37.50
3/8"	9.5	3/4"	29/64"	814.190.11		28.50	N/A
3/8"	9.5	3/4"	1-1/4"		814.690.11	N/A	41.90
1/2"	12.7	1"	1-1/4"		814.754.11	N/A	53.50

Round Nose Bits

with top bearing guides

814B CARBIDE TIPPED



Drawings are 1:1 scale



R Cutting Radius inches	mm	D Cutting Diameter	I Cutting Length	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
							1/4" Shank	1/2" Shank
1/4"	6.35	1/2"	3/8"	1/2"	814.127.11B		33.50	N/A
5/16"	7.9	5/8"	3/8"	5/8"	814.160.11B		34.50	N/A
3/8"	9.5	3/4"	29/64"	3/4"	814.190.11B		37.90	N/A
3/8"	9.5	3/4"	1-1/4"	3/4"		814.690.11B	N/A	52.50

SPARE PARTS:

1/2" bearing	791.010.00	5.90
5/8" bearing	791.009.00	4.90
3/4" bearing with 1/4" inner diameter	791.004.00	4.90
3/4" bearing with 1/2" inner diameter	791.011.00	11.50
Stop collar for 1/4" shank	541.001.00	6.50
Stop collar for 1/2" shank	541.002.00	6.50
1.5 mm hex key for stop collars	991.056.00	3.50



Round Nose Set

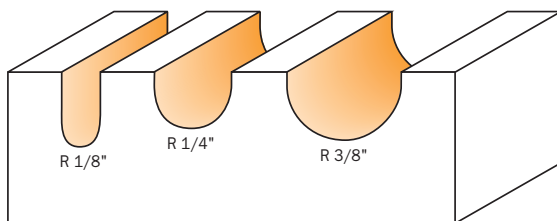
814.001.11 CARBIDE TIPPED 1/4" Shank Set

\$ 72.50
LIST PRICE

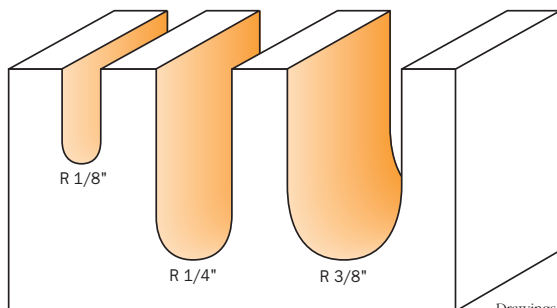
814.501.11 CARBIDE TIPPED 1/2" Shank Set

\$ 102.90
LIST PRICE

A selection of the 3 most widely used CMT Round Nose bits. In solid carbide or with carbide tipped flutes, these bits are perfect for making decorative veining effects that add a special touch to door and drawer fronts. Personalize any surface you choose with your own signature motif - ideal for sign making and wood engraving. Available in 1/2" and 1/4" shanks. See chart below for details.



1/4" SHANK SET



1/2" SHANK SET

Drawings are 1:1 scale



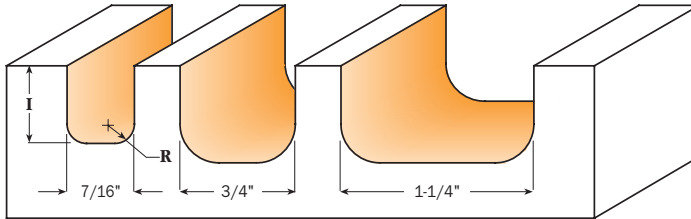
Set Contains	Cutter Diam.		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
	inches	mm			1/4" Shank	1/2" Shank
Round Nose Bit	1/4"	6.35	814.064.11	814.564.11	19.90	26.50
Round Nose Bit	1/2"	12.7	814.127.11	814.627.11	25.50	35.90
Round Nose Bit	3/4"	19	814.190.11	814.690.11	28.50	41.90

Bowl and Tray Bits



851 CARBIDE TIPPED

The CMT Bowl and Tray Bit is ideal for making bowls, trays, boxes, cutting boards or any other specialty or craft item. The round corner of the bit shapes the inner radius while the sides and bottom create the smooth flat surfaces. Makes pattern work quick and easy. For best results on jobs where accuracy is a priority we recommend using our top bearing bowl and tray bits shown at bottom of page.



Drawings are 1:1 scale



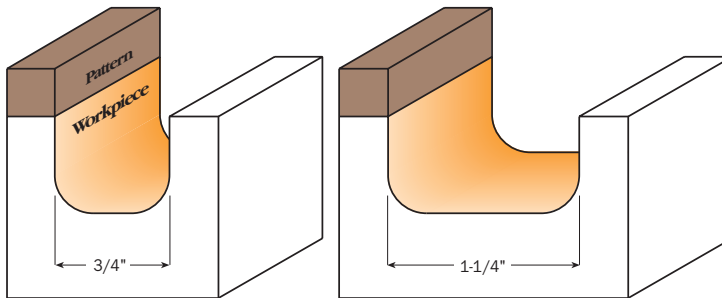
D Cutting Diameter		I Cutting Length	R Cutting Radius	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
inches	mm					1/4" Shank	1/2" Shank
7/16"	11.1	1/2"	1/8"	851.001.11		29.90	N/A
3/4"	19	5/8"	1/4"	851.002.11	851.501.11	37.50	37.50
1-1/4"	31.7	5/8"	1/4"		851.502.11	N/A	42.90

Bowl and Tray Bits

with top bearing guides



851B CARBIDE TIPPED



Drawings are 1:1 scale



D Cutting Diameter		I Cutting Length	R Cutting Radius	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
inches	mm						1/4" Shank	1/2" Shank
3/4"	19	5/8"	1/4"	3/4"	851.002.11B	851.501.11B	40.50	44.90
1-1/4"	31.7	5/8"	1/4"	1-1/4"		851.502.11B	N/A	50.50

SPARE PARTS:

3/4" bearing with 1/4" inner diameter	791.004.00	4.90
3/4" bearing with 1/2" inner diameter	791.011.00	11.50
1-1/4" bearing	791.015.00	8.90
Stop collar for 1/4" shank	541.001.00	6.50
Stop collar for 1/2" shank	541.002.00	6.50
1.5 mm hex key for stop collar	991.056.00	3.50

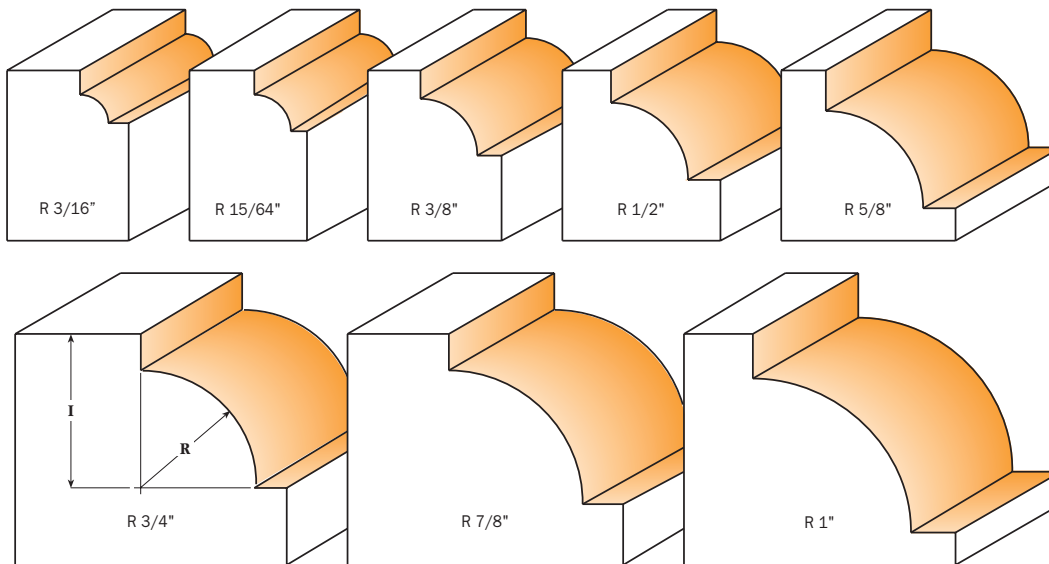
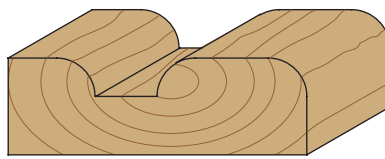
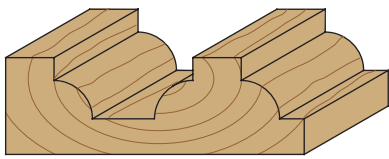


Ovolo Bits

827 CARBIDE TIPPED

CMT put the work capacity of several different bits all in one. The perfect bit for furniture makers, the CMT Ovolo allows you to make beautiful beadwork, edgework and veins. Use these bits on automated router systems or with a fence to produce a wide variety of single and double bead profiles and round overs like those illustrated below by simply adjusting the height or depth of the cut.

Safety tips: Pay particular attention when using a large profile bit. Mill pieces with a fence mounted on the worktable to insure maximum protection.



Drawings are 1:1 scale

R Cutting Radius inches	mm	D Overall Diameter	I Cutting Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
3/16"	5	13/16"	15/32"	827.050.11		26.50	N/A
15/64"	6	29/32"	15/32"	827.060.11	827.560.11	27.90	29.50
3/8"	9.5	1-1/4"	9/16"	827.095.11	827.595.11	29.50	31.50
1/2"	12.7	1-1/2"	3/4"	827.127.11	827.627.11	34.90	36.90
5/8"	15.9	1-3/4"	7/8"		827.660.11	N/A	48.50
3/4"	19	2"	1"		827.690.11	N/A	51.90
7/8"	22.2	2-1/4"	1-1/8"		827.722.11	N/A	74.90
1"	25.4	2-1/2"	1-5/16"		827.754.11	N/A	87.90