

## 12-Piece Set with 1/4" shanks with Wooden Case



800.503.11

Set Contains	Cutter Diam.		Cutter Length		Cutter Depth		Cutter Radius		1/4" Shank	List Price \$ 1/4" Shank
	inches	mm	inches	mm	inches	mm	inches	mm		
Straight Bit	1/4"	6.35	3/4"						811.065.11	<b>16.50</b>
Straight Bit	3/4"	19	3/4"						811.191.11	<b>19.90</b>
Mortising Bit	1/2"	12.7	3/4"						801.127.11	<b>15.90</b>
Round Nose Bit	1/4"		1/2"				1/8"	3.2	814.064.11	<b>19.90</b>
V-Groove Bit (90°)	1/2"	12.7	1/2"						815.127.11	<b>25.50</b>
Dovetail bit (14°)	1/2"	12.7	1/2"						818.128.11	<b>19.50</b>
Cove Bit with/bearing	1-1/2" overall		5/8"				1/2"	12.7	837.350.11	<b>37.90</b>
Rabbeting Bit with/bearing	1-1/4"		1/2"		3/8"	9.5			835.317.11	<b>29.90</b>
Roundover Bit with/bearing	1-1/4" overall		9/16"				3/8"	9.5	838.317.11	<b>33.90</b>
Ogee Bit with/bearing	1-1/8" overall		29/64"				5/32"	4	840.270.11	<b>35.50</b>
Chamfer Bit with/bearing (45°)	1-3/4"	45	23/32"						836.420.11	<b>34.90</b>
Flush Trim Bit with/bearing	1/2"		1/2"	12.7					806.128.11	<b>19.50</b>

## 6-Piece Profile Bit Set with 1/2" shanks with Wooden Case

800.504.11

Set Contains	Cutter Diam.		Cutter Length		Cutter Depth		Cutter Radius		1/2" Shank	List Price \$ 1/2" Shank
	inches	mm	inches	mm	inches	mm	inches	mm		
Chamfer bit w/bearing (45°)	1-3/4"	45	23/32"						836.920.11	<b>34.90</b>
Ogee bit w/bearing	1-1/2" overall		11/16"				1/4"	6.35	840.850.11	<b>41.50</b>
Roundover bit w/bearing	1-1/4" overall		9/16"				3/8"	9.5	838.817.11	<b>34.90</b>
Rabbeting bit w/bearing	1-1/4"		1/2"		3/8"	9.5	1/8"	3.2	835.817.11	<b>31.50</b>
Cove bit w/bearing	1-1/2" overall		5/8"				1/2"	12.7	837.850.11	<b>38.90</b>
Roundnose bit	1/2"		1-1/4"				1/4"	6.35	814.627.11	<b>35.90</b>

## 15-Piece Set with 1/4" shanks with Wooden Case

800.001.00

Set Contains	Cutter Diam.		Cutter Length		Cutter Depth		Cutter Radius		1/4" Shank	List Price \$ 1/4" Shank
	inches	mm	inches	mm	inches	mm	inches	mm		
Mortising bit	1/2"	12.7	3/4"						801.127.11	<b>15.90</b>
Flush trim bit w/bearing	1/2"		1/2"	12.7					806.128.11	<b>19.50</b>
Straight bit	5/16"	8	3/4"						811.080.11	<b>18.50</b>
Straight bit		12	3/4"						811.120.11	<b>19.90</b>
Straight bit		20	3/4"						811.200.11	<b>24.50</b>
Straight bit	15/64"	6	1"						812.060.11	<b>19.50</b>
Round nose bit	1/4"		1/2"				1/8"		814.064.11	<b>26.50</b>
V-Groove bit 90°	1/2"	12.7	1/2"						815.127.11	<b>25.50</b>
Panel Pilot bit	1/4"	6.35	3/4"						816.064.11	<b>13.90</b>
Dovetail Bit 14°	1/2"	12.7	1/2"						818.128.11	<b>19.50</b>
Rabbeting bit w/bearing	1-1/4"		1/2"		3/8"	9.5			835.317.11	<b>29.90</b>
Chamfer bit w/bearing 45°	1-1/4"	31.7	29/64"						836.280.11	<b>30.90</b>
Cove bit w/bearing	1-1/4" overall		1/2"				3/8"	9.5	837.286.11	<b>33.50</b>
Roundover bit w/bearing	1-1/4" overall		9/16"				3/8"	9.5	838.317.11	<b>33.90</b>
Ogee bit w/bearing	1-1/8" overall		29/64"				5/32"	4	840.270.11	<b>35.50</b>



## Sets with Wooden Case

These CMT Sets are as handsome to look at as they are convenient to use. Our most frequently used bits are specifically coordinated so you have exactly what you need always on hand. These profile and straight bit sets are available in 6 piece, 12 piece or 15 piece combinations. Select the one that best suits your woodworking needs. Organized together in a specially designed Italian hardwood case for safe storage when not in use.

**800.503.11 CARBIDE TIPPED 1/4" Shank Set**

**\$ 240.90**  
LIST PRICE

**800.504.11 CARBIDE TIPPED 1/2" Shank Set**

**\$ 166.90**  
LIST PRICE

**800.001.00 CARBIDE TIPPED 1/4" Shank Set**

**\$ 279.90**  
LIST PRICE

**800.504.11**  
with 1/2" shank



**800.503.11**  
with 1/4" shank



**800.001.00**  
with 1/4" shank



# 13-Piece Set

with Wooden Case



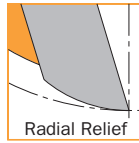
Our most popular set for the CMT craftsman. Thirteen of our best selling straight and profile bits beautifully organized and ready to use. Create all the projects and crafts you want. A handsome addition to any woodworker's collection.

## 800.505.11 CARBIDE TIPPED 1/2" Shank Set

**\$ 299.90**  
LIST PRICE



Set Contains	Cutter Diam.		Cutter Length		Cutter Depth		Cutter Radius		1/2" Shank	List Price \$ 1/2" Shank
	inches	mm	inches	mm	inches	mm	inches	mm		
Straight bit	1/4"	6.35	3/4"						811.564.11	<b>20.50</b>
Straight bit	1/2"	2.7	1"						811.628.11	<b>18.90</b>
Flush trim bit w/bearing	1/2"		1"	25,4					806.627.11	<b>21.50</b>
Straight bit	3/4"	19	1"						811.690.11	<b>22.50</b>
Mortising bit	1/2"	12.7	3/4"						801.627.11	<b>18.90</b>
Round nose bit	1/4"		5/8"				1/8"	3.2	814.564.11	<b>26.50</b>
V-Groove bit 90°	3/4"	19	5/8"						815.690.11	<b>28.90</b>
Dovetail bit 14°	1/2"	12.7	1/2"						818.628.11	<b>22.90</b>
Cove bit w/bearing	1-1/2" overall		5/8"				1/2"	12.7	837.850.11	<b>38.90</b>
Rabbeting bit w/bearing	1-1/4"		1/2"		3/8"	9.5			835.817.11	<b>31.50</b>
Roundover bit w/bearing	1-1/4" overall		9/16"				3/8"	9.5	838.817.11	<b>34.90</b>
Ogee bit w/bearing	1-1/2" overall		11/16"				1/4"	6.35	840.850.11	<b>41.50</b>
Chamfer bit w/bearing 45°	2-9/16"	65	23/32"						836.920.11	<b>34.90</b>



If you are looking to get the most out of your time and money through more efficient production, but want nothing less than a beautiful clean edge on your finished piece then you definitely must include CMT Straight Bits in your collection.

These razor-sharp, double-faced cutters perfectly synthesize the characteristics and advantages that define quality CMT products. Made of special Fatigue Proof® steel and the best carbide, our straight bits can withstand even the heaviest work load and still give you a smooth, precise cut every time. You also get exceptional chip ejection to allow cleaner and more constant cutting. The surface of all CMT bits is protected with our trademark orange Teflon® Industrial Coating to help keep the bit from collecting resin, pitch and other residue.

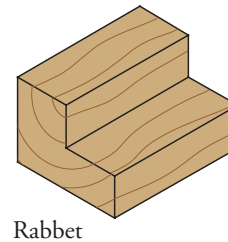
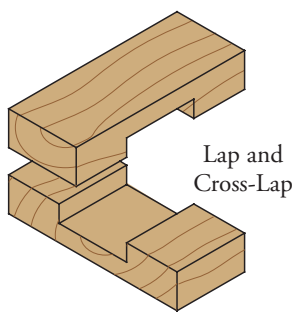
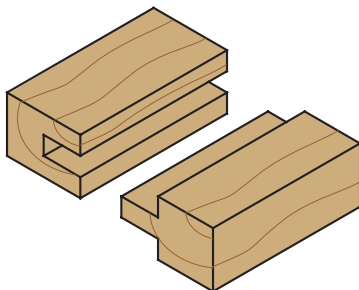
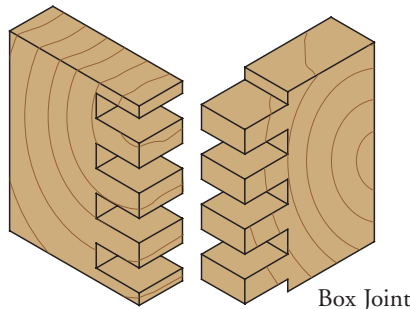
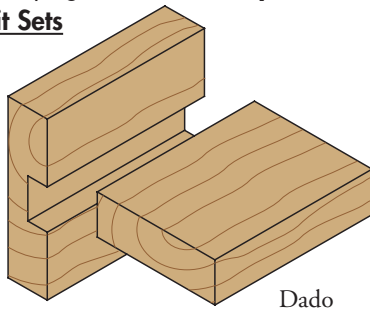
CMT Straight Bits allow production at an industrial scale on a variety of plywoods, composites and natural woods. CMT produces 61 straight bits in almost every size you need.

**Safety tips:** Never use damaged or worn down bits. Always work at the proper feed speed without forcing the bit. Pay particular attention when making the initial cut into the wood with a small diameter bit. For best results when working with small diameter bits, run the cut more than one time.

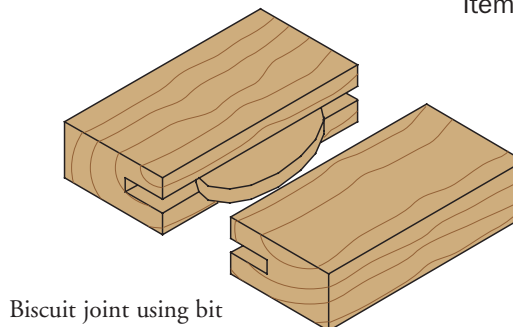
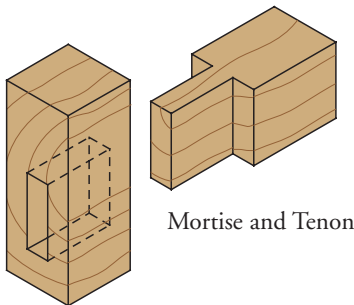
See page 14 for our **Plywood Groove Set** and pages 34 and 35 for **Dovetail & Straight Bit Sets**



Item 811 - Short Series



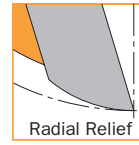
Item 812 - Long Series



# Straight Bits

## Short Series

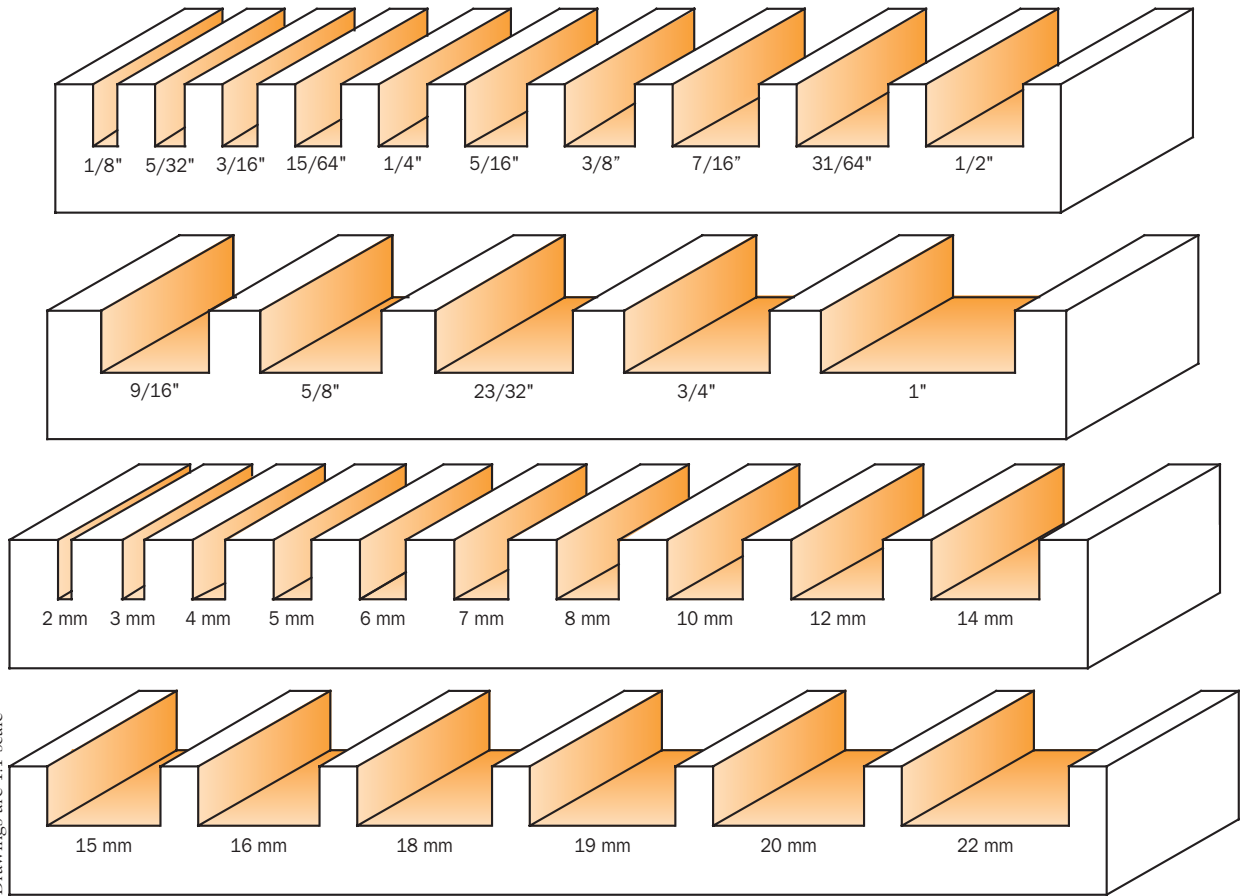
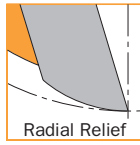
**811** CARBIDE TIPPED



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

D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	L Overall Length		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
							1/4" Shank	1/2" Shank
	2	5/32"	1-1/2"		811.020.11		<b>16.50</b>	N/A
	3	5/16"	1-3/4"		811.030.11		<b>16.50</b>	N/A
1/8"	3.2	3/8"	1-3/4"		811.032.11		<b>14.90</b>	N/A
5/32"	4	3/8"	1-3/4"	<i>Bit for biscuits</i>	811.040.11		<b>16.50</b>	N/A
3/16"	4.75	1/2"	2"		811.047.11		<b>15.90</b>	N/A
	5	15/32"	2"		811.050.11		<b>17.90</b>	N/A
15/64"	6	5/8"	2"	<i>Ply-Groove bit</i>	811.060.11		<b>17.90</b>	N/A
15/64"	6	3/4"	2-3/8"	<i>Ply-Groove bit</i>		811.560.11	N/A	<b>24.90</b>
1/4"	6.35	3/4"	2"		811.064.11		<b>15.90</b>	N/A
1/4"	6.35	3/4"	2-1/4"	<i>For Inkra Jig</i>	811.065.11		<b>16.50</b>	N/A
1/4"	6.35	3/4"	2-3/8"	<i>For Inkra Jig</i>		811.564.11	N/A	<b>20.50</b>
	7	23/32"	1-7/8"		811.070.11		<b>18.50</b>	N/A
5/16"	8	3/4"	2"		811.080.11		<b>18.50</b>	N/A
5/16"	8	1"	2-13/16"	<i>For Leigh Jig</i>	811.081.11		<b>18.90</b>	N/A
3/8"	9.5	3/4"	2"		811.095.11		<b>17.90</b>	N/A
3/8"	9.5	1"	2-1/2"	<i>For Inkra Jig</i>	811.096.11		<b>18.90</b>	N/A
3/8"	9.5	1"	2-5/8"	<i>For Inkra Jig</i>		811.595.11	N/A	<b>19.50</b>
	10	3/4"	1-7/8"		811.100.11		<b>19.90</b>	N/A
	10	1"	2-1/2"			811.600.11	N/A	<b>21.90</b>
	12	3/4"	2"		811.120.11		<b>19.90</b>	N/A
	12	1"	2-1/2"			811.620.11	N/A	<b>21.90</b>
31/64"	12.3	1"	2-1/4"	<i>Ply-Groove bit</i>	811.123.11		<b>19.90</b>	N/A
31/64"	12.3	1"	2-1/2"	<i>Ply-Groove bit</i>		811.623.11	N/A	<b>20.50</b>
1/2"	12.7	3/4"	2-1/4"		811.127.11		<b>18.50</b>	N/A
1/2"	12.7	1"	2-5/8"			811.627.11	N/A	<b>19.90</b>
1/2"	12.7	1"	3-1/4"	<i>For Leigh Jig</i>		811.628.11	N/A	<b>18.90</b>
	14	3/4"	2"		811.140.11		<b>20.50</b>	N/A
9/16"	14.2	9/16"	2-1/4"		811.142.11		<b>19.50</b>	N/A
	15	3/4"	2-1/4"		811.150.11		<b>20.50</b>	N/A
5/8"	15.8	3/4"	2-5/8"		811.158.11		<b>19.50</b>	N/A
5/8"	15.8	1"	2-1/2"			811.660.11	N/A	<b>22.50</b>
	16	3/4"	2-1/4"		811.160.11		<b>20.90</b>	N/A
	16	1"	2-1/2"			811.661.11	N/A	<b>22.90</b>
	18	3/4"	2"		811.180.11		<b>22.90</b>	N/A
23/32"	18.2	1"	2-1/4"	<i>Ply-Groove bit</i>	811.182.11		<b>23.50</b>	N/A
23/32"	18.2	1"	2-1/2"	<i>Ply-Groove bit</i>		811.682.11	N/A	<b>22.50</b>
3/4"	19	3/4"	2-1/4"		811.191.11		<b>19.90</b>	N/A
3/4"	19	1"	2-1/2"			811.690.11	N/A	<b>22.50</b>
	20	3/4"	2"		811.200.11		<b>24.50</b>	N/A
	22	3/4"	2-1/4"		811.220.11		<b>25.50</b>	N/A
1"	25.4	3/4"	2"		811.254.11		<b>24.50</b>	N/A
1"	25.4	1-1/4"	3"			811.754.11	N/A	<b>26.90</b>





D Cutting Diameter		I Cutting Length	L Overall Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
inches	mm					1/4" Shank	1/2" Shank
1/8"	3.2	1/2"	2"	812.032.11		<b>16.90</b>	N/A
15/64"	6	1"	2-3/8"	812.060.11		<b>19.50</b>	N/A
1/4"	6.35	1"	2-3/8"	812.064.11		<b>17.90</b>	N/A
5/16"	8	1-1/4"	2-3/8"	812.080.11		<b>21.90</b>	N/A
3/8"	9.5	1-1/4"	2-1/2"	812.095.11		<b>18.90</b>	N/A
3/8"	9.5	1-1/4"	2-7/8"		812.595.11	N/A	<b>20.50</b>
	10	1-1/4"	2-3/8"	812.100.11		<b>22.50</b>	N/A
	10	1-1/4"	2-3/4"		812.600.11	N/A	<b>24.50</b>
7/16"	11.1	1-1/4"	3-1/4"	<i>For Leigh Jig</i>	812.611.11	N/A	<b>22.90</b>
	12	1-1/4"	2-3/8"	812.120.11		<b>22.50</b>	N/A
	12	1-1/4"	2-3/4"		812.620.11	N/A	<b>24.50</b>
1/2"	12.7	1-1/4"	2-3/4"	812.127.11		<b>18.90</b>	N/A
1/2"	12.7	1-1/2"	3-1/8"		812.627.11	N/A	<b>20.90</b>
1/2"	12.7	2"	3-1/2"		812.628.11	N/A	<b>26.50</b>
	14	1-1/4"	2-3/8"	812.140.11		<b>23.50</b>	N/A
	15	1-1/4"	2-5/8"	812.150.11		<b>23.50</b>	N/A
5/8"	15.8	1-1/4"	2-3/4"	812.158.11		<b>22.90</b>	N/A
	16	1-1/4"	2-5/8"	812.160.11		<b>24.50</b>	N/A
	16	1-1/4"	2-3/4"		812.660.11	N/A	<b>26.50</b>
3/4"	19	1-1/2"	3-1/4"		812.690.11	N/A	<b>25.90</b>

# Plywood Groove Set



**811.001.11 CARBIDE TIPPED 1/4" Shank Set**

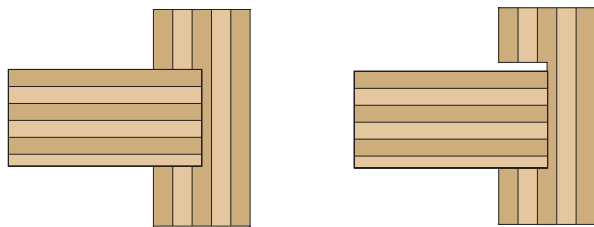
**\$ 59.90**  
LIST PRICE

**811.501.11 CARBIDE TIPPED 1/2" Shank Set**

**\$ 67.50**  
LIST PRICE

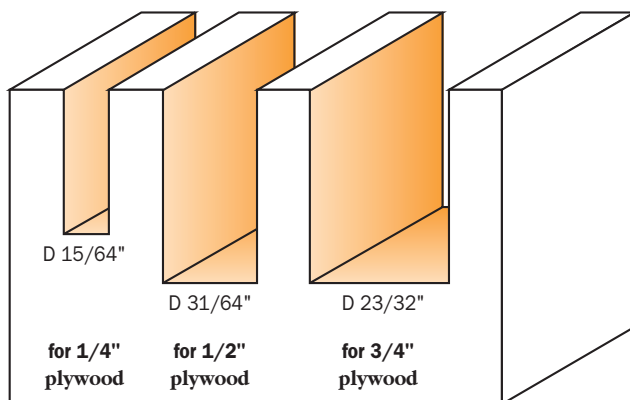
The only set to use if you are making joints in plywood. Since plywood thickness tends to be thinner than nominal dimensions, CMT offers you a way to work around the problem - our Plywood Groove Set includes three specifically selected bits designed for making clean grooves and dados for accurate fitting joints. Use our 23/32" bit for 3/4" thick ply, 31/64" bit for 1/2" ply and our 15/64" for 1/4" ply. No gaps or sloppy joints, guaranteed. Available with 1/2" or 1/4" shanks.

**Example shown in 1/2" thick plywood**



This joint is made with the CMT 31/64" straight bit in 1/2" plywood. Notice the precise fit - no gaps.

This joint is made with a regular 1/2" straight bit in 1/2" plywood. Notice the extra space and ill fitting joint.



Drawings are 1:1 scale



Set Contains	Cutting diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
				1/4" Shank	1/2" Shank
Straight Bit	15/64"	811.060.11	811.560.11	<b>17.90</b>	<b>24.90</b>
Straight Bit	31/64"	811.123.11	811.623.11	<b>19.90</b>	<b>20.50</b>
Straight Bit	23/32"	811.182.11	811.682.11	<b>23.50</b>	<b>22.50</b>

Due to their spiral cutting edge which stays in continuous contact with the workpiece, these bits give a smooth chatter free cutting action unlike conventional bits which have intermittent contact with the workpiece. Unsurpassed for cleaner cuts in ordinary or difficult materials, softwood, hardwood, plywood, composites etc.

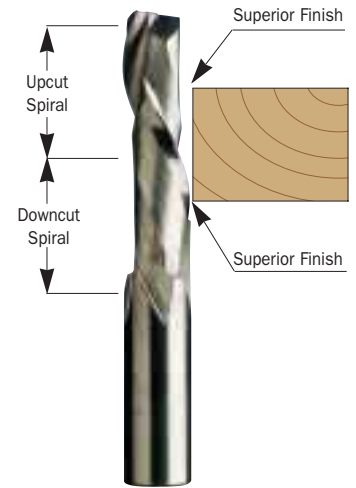
See page 95 for **Inlay Kit** with **Solid Carbide Downcut Spiral**

## 190 - Upcut & Downcut Compression spiral

D Cutting Diameter inches	mm	I Cutting Length	L Overall Length	Z Number of cutting edges	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/2"	12.7	1-1/2"	3-1/2"	1+1	190.503.11	N/A	<b>135.90</b>
1/2"	12.7	1-1/8"	3"	2+2	190.506.11	N/A	<b>120.90</b> <b>NEW</b>

### 190 - TECHNICAL DETAILS:

Highest quality solid tungsten carbide Upcut Downcut Compression Spiral Bit. This remarkable tool cuts away from both the top and bottom edge (towards the center) of the board simultaneously giving a superior finish on both edges.



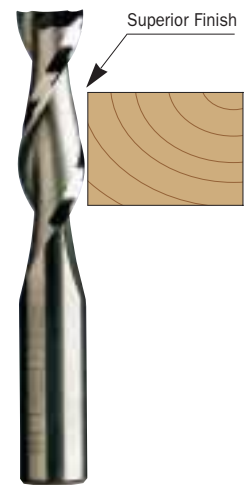
Item 190

## 191- Upcut spiral

D Cutting Diameter inches	mm	I Cutting Length	L Overall Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/8"	3.2	1/2"	2"	191.001.11		<b>22.90</b>	N/A
5/32"	4	1/2"	2"	191.003.11		<b>23.90</b>	N/A
3/16"	4.75	3/4"	2"	191.005.11		<b>23.50</b>	N/A
1/4"	6.35	3/4"	2"	191.007.11		<b>23.50</b>	N/A
1/4"	6.35	1"	2-1/2"	191.008.11		<b>24.90</b>	N/A
5/16"	8	1"	3"		191.501.11	N/A	<b>69.90</b>
3/8"	9.5	1-1/4"	3"		191.503.11	N/A	<b>69.90</b>
1/2"	12.7	1-1/4"	3"		191.505.11	N/A	<b>59.90</b>
1/2"	12.7	1-1/2"	3-1/2"		191.506.11	N/A	<b>79.90</b>
1/2"	12.7	2"	4"		191.507.11	N/A	<b>88.50</b>

### 191 - TECHNICAL DETAILS:

Highest quality solid tungsten carbide Upcut Spiral Bit gives superior bottom edge finish and upward chip ejection.



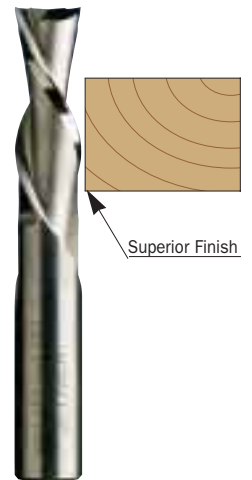
Item 191

## 192 - Downcut spiral

D Cutting Diameter inches	mm	I Cutting Length	L Overall Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/8"	3.2	1/2"	2"	192.001.11		<b>22.90</b>	N/A
5/32"	4	1/2"	2"	192.003.11		<b>23.90</b>	N/A
3/16"	4.75	3/4"	2"	192.005.11		<b>23.50</b>	N/A
1/4"	6.35	3/4"	2"	192.007.11		<b>23.50</b>	N/A
1/4"	6.35	1"	2-1/2"	192.008.11		<b>24.90</b>	N/A
5/16"	8	1"	3"		192.501.11	N/A	<b>69.90</b>
3/8"	9.5	1-1/4"	3"		192.503.11	N/A	<b>69.90</b>
1/2"	12.7	1-1/4"	3"		192.505.11	N/A	<b>59.90</b>
1/2"	12.7	1-1/2"	3-1/2"		192.506.11	N/A	<b>79.90</b>
1/2"	12.7	2"	4"		192.507.11	N/A	<b>88.50</b>

### 192 - TECHNICAL DETAILS:

Highest quality solid tungsten carbide Downcut Spiral Bit gives superior top edge finish and downward chip ejection.



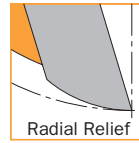
Item 192



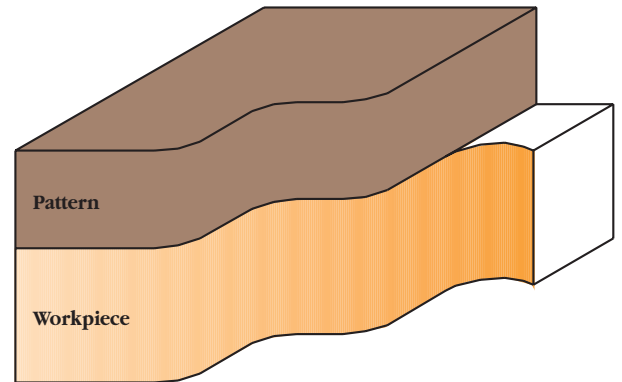
# Pattern Bits

Long Series

812B CARBIDE TIPPED

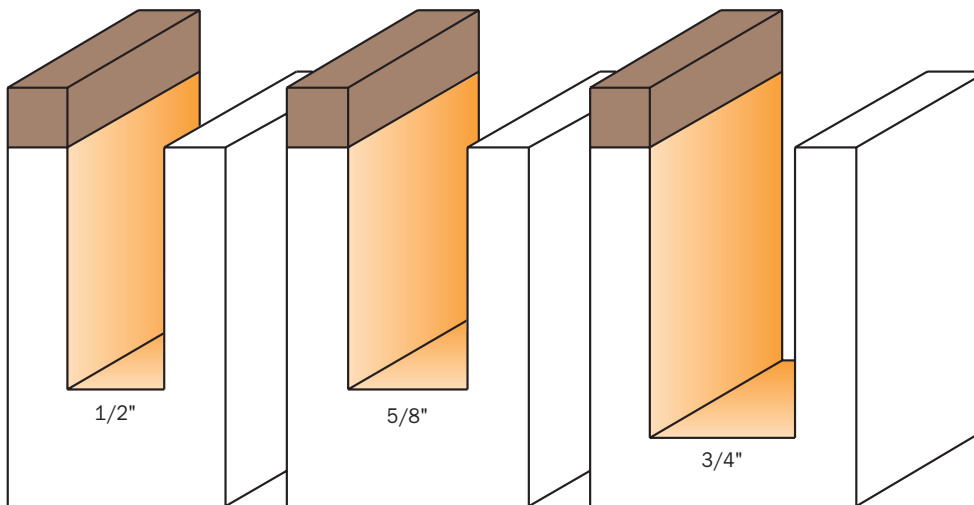


Whether you are a full-time professional or a part-time woodworking enthusiast, discover the unlimited possibilities of template routing with a CMT Pattern Bit. Pair up these double fluted bits with your choice of template to produce cabinet and furniture pieces, signs, toys and any other creative project. Carbide tipped to last longer, CMT Pattern Bits are equipped with the bearing above the cutter letting you work with the template on top the wood. This gives you a clear view of what you are routing so you can work confidently and accurately.



**Safety tips:** Make sure your router is in top condition. The template must be securely fastened to the work piece.

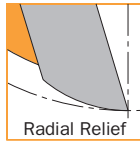
When choosing a bit, carefully consider the thickness of the template and all the implications of the cut. Opt for the shortest bit possible for the project you are working on.



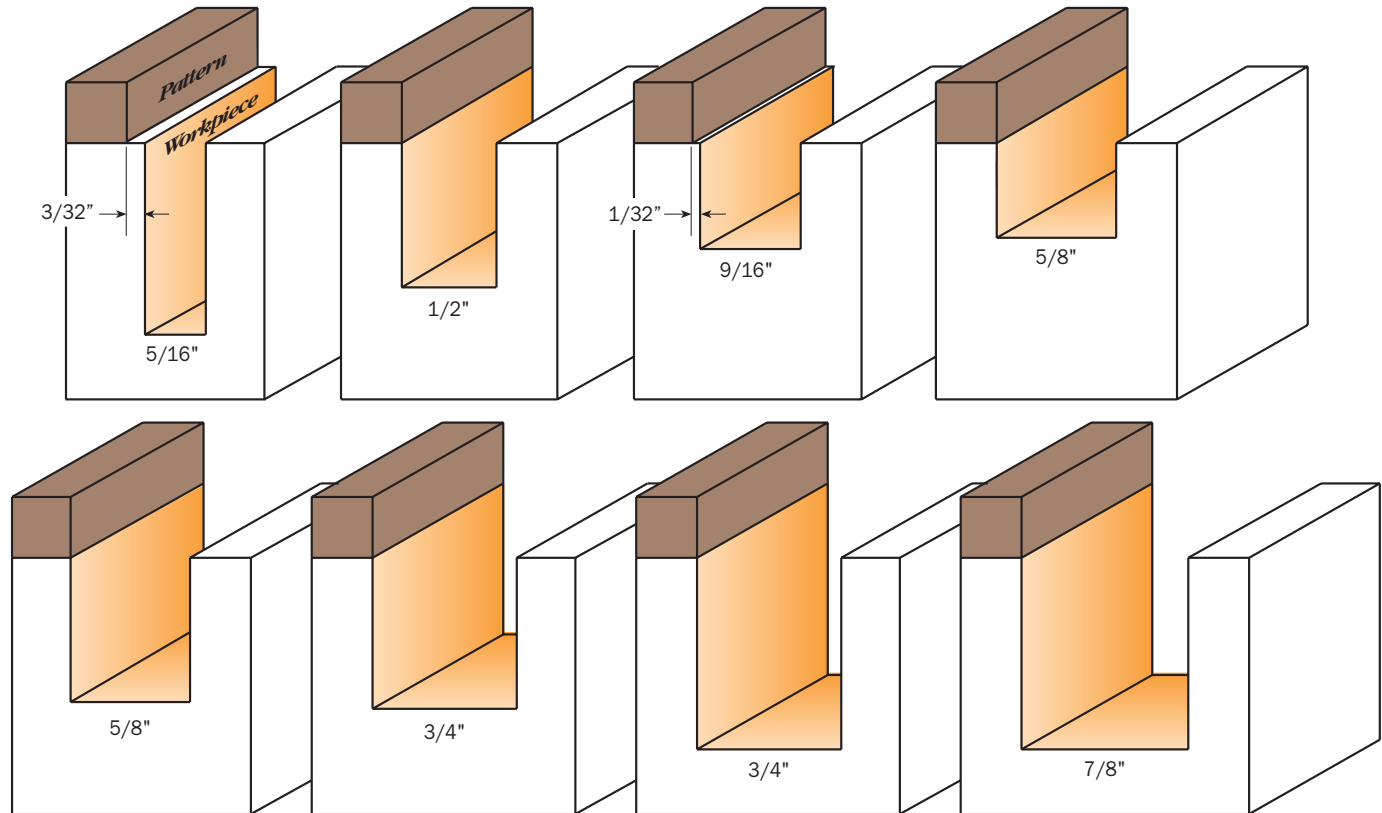
Drawings are 1:1 scale



D Cutting Diameter inches	D mm	I Cutting Length	L Overall Length	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
							1/4" Shank	1/2" Shank
1/2"	12.7	1-1/4"	2-3/4"	1/2"	812.127.11B		<b>30.90</b>	N/A
5/8"	15.8	1-1/4"	2-3/4"	5/8"	812.158.11B		<b>30.90</b>	N/A
3/4"	19	1-1/2"	3-1/4"	3/4"		812.690.11B	N/A	<b>41.90</b>
<b>SPARE PARTS:</b>		1/2" bearing				791.010.00		5.90
		5/8" bearing				791.009.00		4.90
		3/4" bearing				791.011.00		11.50
		Stop collar for 1/4" shanks				541.001.00		6.50
		Stop collar for 1/2" shanks				541.002.00		6.50
		1.5 mm hex key for stop collars				991.056.00		3.50



Many complicated template jobs that are usually done with a band-saw or a scrollsaw can be just as easily and efficiently carried out with a CMT top bearing Pattern Bit. To avoid unnecessary damage to the template or the bit, make sure to set the cutter lower than the template.



Drawings are 1:1 scale

D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	L Overall Length	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
							1/4" Shank	1/2" Shank
5/16" **	8	1"	2-13/16"	1/2"	811.081.11B		<b>27.90</b>	N/A
1/2"	12.7	3/4"	2-1/4"	1/2"	811.127.11B		<b>27.50</b>	N/A
9/16" **	14.2	9/16"	2-1/4"	5/8"	811.142.11B		<b>27.50</b>	N/A
5/8"	15.8	1/2"	2-9/32"	5/8"	811.159.11B		<b>27.90</b>	N/A
5/8"	15.8	3/4"	2-5/8"	5/8"	811.158.11B		<b>28.50</b>	N/A
3/4"	19	3/4"	2-1/4"	3/4"	811.191.11B		<b>28.50</b>	N/A
3/4"	19	1"	2-1/2"	3/4"		811.690.11B	N/A	<b>35.90</b>
7/8"	22.2	1"	2-5/8"	7/8"		811.222.11B	N/A	<b>40.50</b>

**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
7/8" bearing	791.021.00	7.50
3/8"x1/2" bushings	799.001.00	8.50
Stop collar for 1/4" shanks	541.001.00	6.50
Stop collar for 1/2" shanks	541.002.00	6.50
1.5 mm hex key for stop collars	991.056.00	3.50

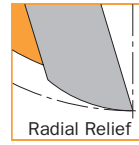
\* 3/8" shank with bushings Ø 1/2"

\*\* Note: on these two bits the cut is offset to the bearing (see drawing above)

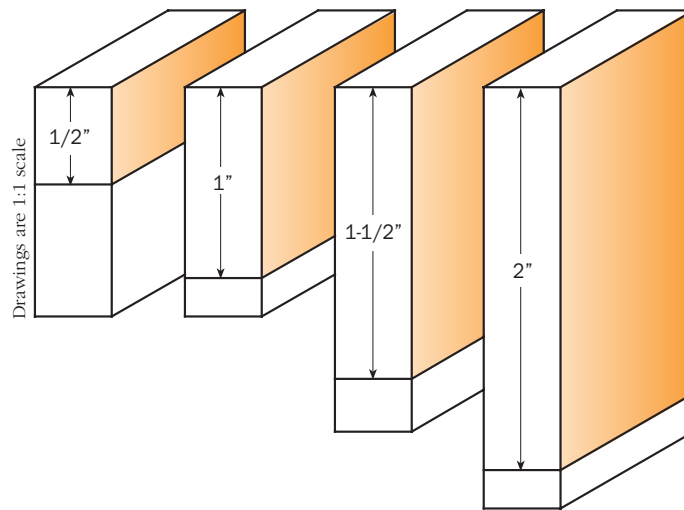
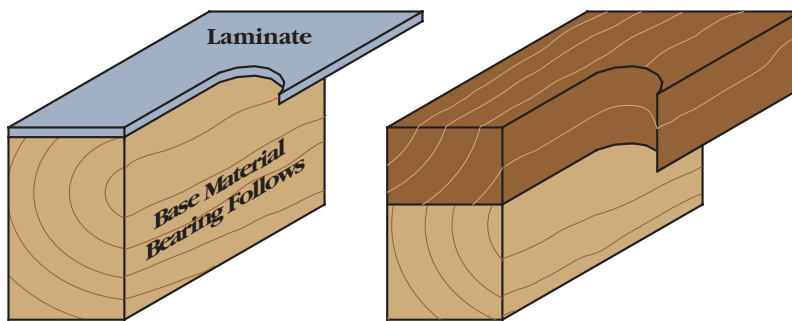
# Flush Trim Bits

with ball bearing guides

806 CARBIDE TIPPED



To trim even the most difficult projects, we have designed a series of truly indispensable bits. Our CMT Flush Trim bits are available in a wide range of sizes that are sure to satisfy any woodworking need. Use these carbide faced bits for precision work on laminates or for quick template work with excellent finish results.



I Cutting Length inches	mm	D Cutting Diameter	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/2"	12.7	3/8"	3/8"	806.096.11		<b>19.50</b>	N/A
1/2"	12.7	1/2"	1/2"	806.128.11	806.628.11	<b>19.50</b>	<b>21.50</b>
1"	25.4	3/8"	3/8"	806.095.11		<b>19.50</b>	N/A
1"	25.4	1/2"	1/2"	806.127.11	806.627.11	<b>19.50</b>	<b>21.50</b>
1-1/2"	38.1	1/2"	1/2"		806.629.11	N/A	<b>25.50</b>
2"	50.8	1/2"	1/2"		806.630.11	N/A	<b>32.50</b>

SPARE PARTS:		Order No.	List Price \$
3/8" bearing		791.002.00	4.90
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



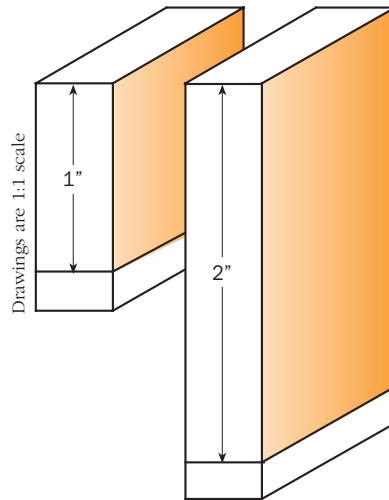
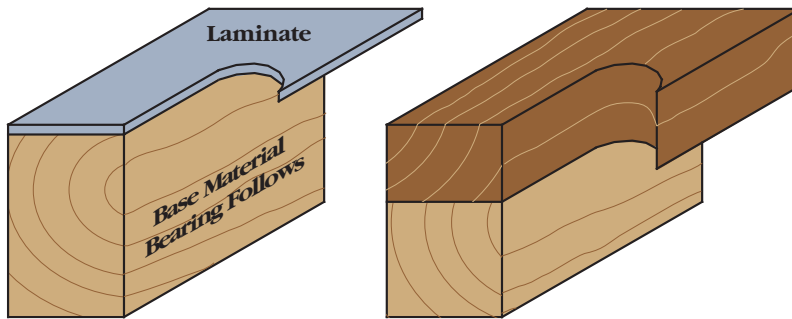
# Super-Duty Flush Trim Bits

with ball bearing guides

806.191/690/691 CARBIDE TIPPED

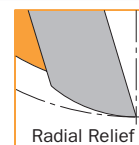
These new super-duty bits represent the finest of the extensive line of CMT Flush Trim bits with ball bearing guides. Negative shear angle cutting edge and 3/4" cutting diameter set CMT Flush Trim bits apart from standard bits. Work quickly and safely to get a superior finish with absolutely minimal chipping.

See page 87 for The Sommerfeld Cabinetmaking Set



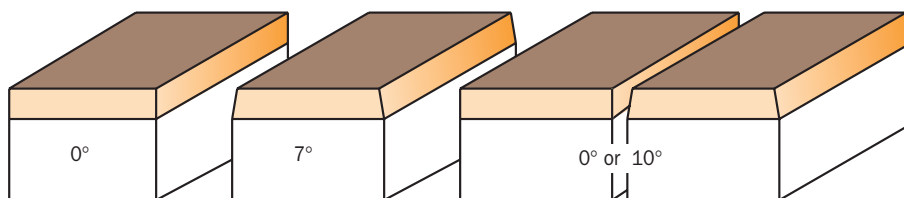
I Cutting Length inches	mm	D Cutting Diameter		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1"	25.4	3/4"		806.191.11	806.691.11	<b>30.50</b>	<b>31.90</b>
2"	50.8	3/4"			806.690.11	N/A	<b>39.50</b>
<b>SPARE PARTS:</b>		3/4" bearing			791.004.00		4.90
		Screw for bearing, 1/8W thread			990.058.00		0.90
		3/32" hex key for 1/8W screws			991.057.00		3.50

# Solid Carbide Trimmer Bits



## 842-843 CARBIDE TIPPED

An economic version of our Combination Trimmer Bits, these Solid Carbide Trimmer Bits give you quick and clean straight or bevel edges. With self pilot end and radial relief cutting edge you can make flush or 7° bevel cuts. For more versatility, choose the combination flush-10° bit. Popular for their long life, they are particularly good for laminate work.



Drawings are 1:1 scale



Cutting Angle	D Cutting Diameter	I Cutting Length	Order No. 1/4" Shank	List Price \$	
				1/4" Shank	1/2" Shank
0°	1/4"	3/8"	842.095.11	<b>10.90</b>	N/A
7°	1/4"	1/4"	843.063.11	<b>11.50</b>	N/A
0° - 10°	1/4"	3/8"	843.064.11	<b>13.50</b>	N/A

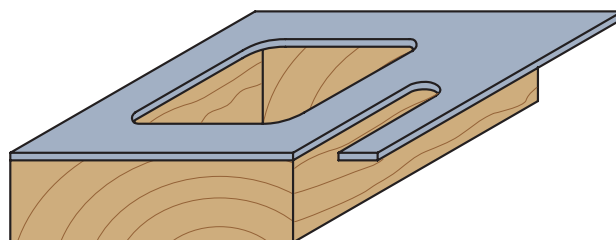
# Panel Pilot Bits

with guide



## 816 CARBIDE TIPPED

How much time do you end up spending making openings in paneling, drywall, siding, doors or windows? With the CMT Panel Pilot Bit, the job just got quicker. The point plunges smoothly and easily and the carbide edges cut clean and fast. All of this adds up to accurate cuts in less time and with less effort - great for trimming mica, veneer and other laminates.



Drawing are 1:1 scale



D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	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	3/4"	2-1/2"	816.064.11		<b>13.90</b>	N/A
1/2"	12.7	1-1/4"	4"		816.627.11	N/A	<b>18.90</b>



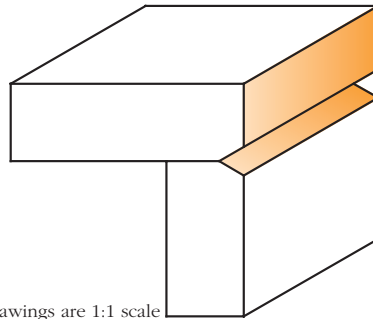


# Flush and V-Groove Bits

with ball bearing guide

**853 CARBIDE TIPPED**

An absolutely indispensable bit for making cabinets. The CMT Flush and V-Groove bits allow you to make cabinet front frames in 1" stock that fit perfectly with the sides. The added V-cutter feature cuts a decorative groove along the hinge joint to hide the seam.



Drawings are 1:1 scale

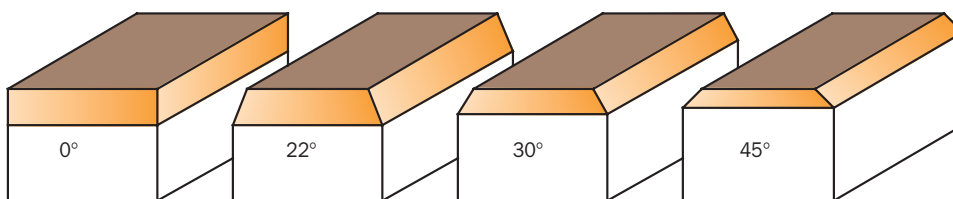


D Cutting Diameter inches	D <sub>2</sub> Overall Diameter mm	I Cutting Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
					1/4" Shank	1/2" Shank
1/2"	12.7	3/4"	853.001.11	853.501.11	<b>31.50</b>	<b>31.50</b>
<b>SPARE PARTS:</b>		1/2" bearing		791.003.00		3.90
		Screw for bearing, 1/8W thread		990.057.00		0.90
		3/32" hex key for 1/8W screws		991.057.00		3.50

# Combination Trimmer Bits

**821 CARBIDE TIPPED**

Work to your highest standards with the CMT Combination Trimmer Bit. Now you can cut, trim and bevel all laminates without having to change bits. Get great results in straight or angle cuts in both hard and soft woods. CMT Combination Trimmer Bits are available in three popular sizes, each with carbide faced cutting edges to efficiently execute bevel or straight edges. NOTE: must be used with edge guide, separate bearing guide or fence.



Drawings are 1:1 scale



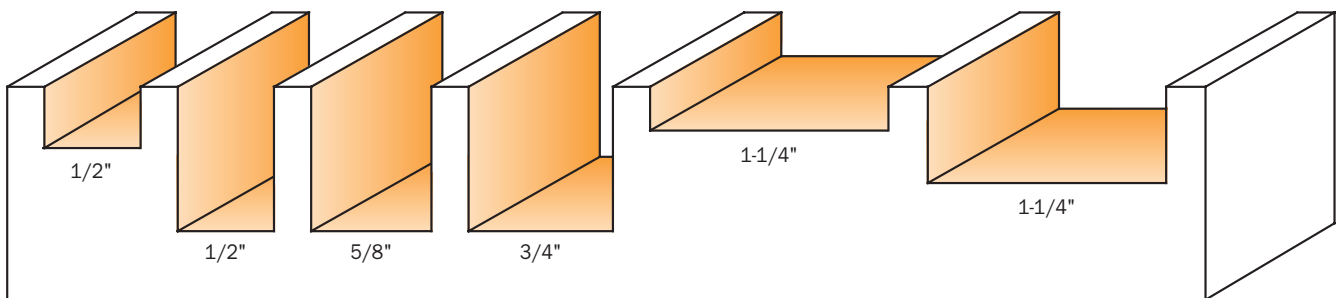
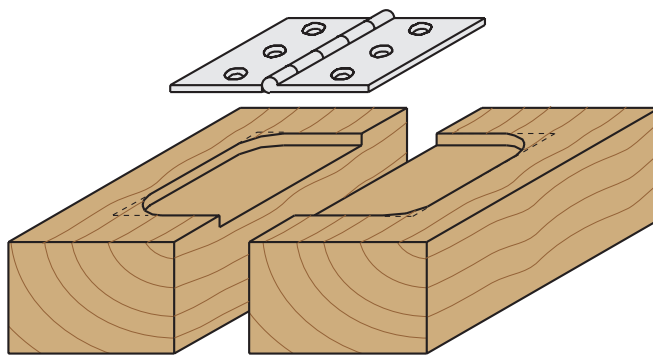
Cutting Angle	D Cutting Diameter	I Cutting Length	Order No. 1/4" Shank	List Price \$	
				1/4" Shank	1/2" Shank
0° - 22°	15/32"	1/2"	821.022.11	<b>16.90</b>	N/A
0° - 30°	15/32"	1/2"	821.030.11	<b>16.90</b>	N/A
0° - 45°	15/32"	1/2"	821.045.11	<b>16.90</b>	N/A

# Mortising Bits



**801 CARBIDE TIPPED**

Equipped with thick tips and negative shear angle design, CMT Mortising Bits guarantee you a flawless performance. Mortise perfect hinges with no splintered edges or rough bottoms. They also make an easy job of piece work in both natural wood and wood composites. Fit most popular mortising jigs.

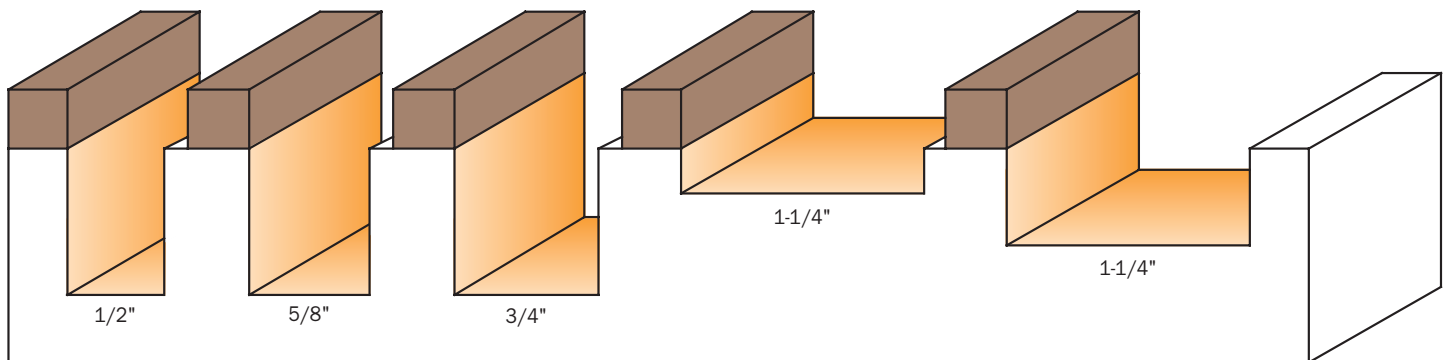
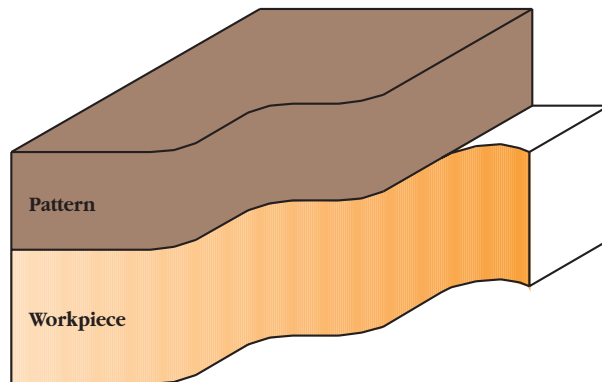


Drawings are 1:1 scale

D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length		Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/2"	12.7	5/16"		801.128.11		<b>14.90</b>	N/A
1/2"	12.7	3/4"		801.127.11	801.627.11	<b>15.90</b>	<b>18.90</b>
5/8"	15.8	3/4"		801.158.11		<b>19.90</b>	N/A
3/4"	19	3/4"		801.190.11	801.690.11	<b>20.90</b>	<b>25.90</b>
1-1/4"	31.7	15/64"			801.818.11	N/A	<b>24.90</b>
1-1/4"	31.7	1/2"		801.317.11	801.817.11	<b>26.50</b>	<b>25.90</b>



The CMT Mortising Bit with top bearing guide is the perfect bit for sign making or any kind of template work.



Drawings are 1:1 scale

D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
1/2"	12.7	3/4"	1/2"	801.127.11B		<b>24.50</b>	N/A
5/8"	15.8	3/4"	5/8"	801.158.11B		<b>26.90</b>	N/A
3/4"	19	3/4"	3/4"	801.190.11B		<b>29.50</b>	N/A
1-1/4"	31.7	15/64"	1-1/4"		801.818.11B		<b>32.50</b>
1-1/4"	31.7	1/2"	1-1/4"		801.817.11B		<b>33.50</b>
<b>SPARE PARTS:</b>		1/2" bearing			791.010.00		5.90
		5/8" bearing			791.009.00		4.90
		3/4" bearing			791.004.00		4.90
		1-1/4" bearing			791.015.00		8.90
		Stop collar for 1/4" shanks			541.001.00		6.50
		Stop collar for 1/2" shanks			541.002.00		6.50
		1.5 mm hex key for stop collars			991.056.00		3.50

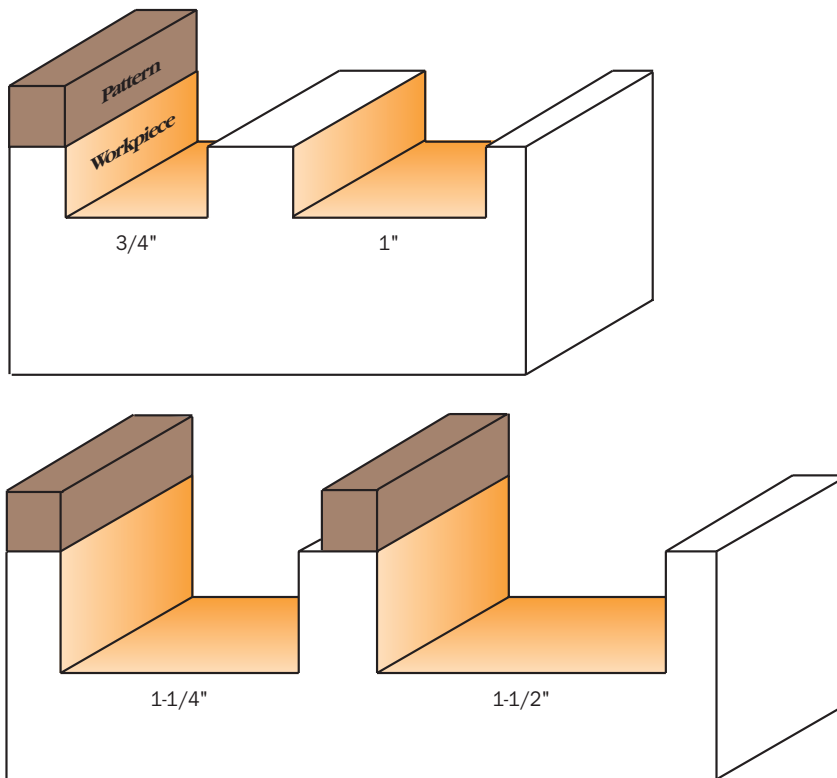
# Dado & Planer Bits

with or without top bearing guides



**852-852B CARBIDE TIPPED**

CMT Dado & Planer bits were designed exclusively for cleaning dadoes and finishing rough stock. They are also capable of stripping paint and varnish quickly and efficiently. Available with bearing guide for standard pattern work.



Drawings are 1:1 scale



D Cutting Diameter inches	D Cutting Diameter mm	I Cutting Length	Bearing Diameter	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
						1/4" Shank	1/2" Shank
3/4"	19	3/8"		852.001.11	852.501.11	<b>28.50</b>	<b>27.50</b>
1"	25.4	3/8"			852.502.11	N/A	<b>28.50</b>
1-1/4"	31.7	5/8"			852.503.11	N/A	<b>32.90</b>
1-1/2"	38.1	5/8"			852.504.11	N/A	<b>35.50</b>
3/4"	19	3/8"	3/4"	852.001.11B	852.501.11B	<b>31.50</b>	<b>33.90</b>
1-1/4"	31.7	5/8"	1-1/4"		852.503.11B	N/A	<b>39.50</b>
1-1/2"	38.1	5/8"	1-1/2"		852.504.11B	N/A	<b>40.90</b>

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
	1-1/2" bearing		791.020.00	8.90
	Stop collar for 1/4" shanks		541.001.00	6.50
	Stop collar for 1/2" shanks		541.002.00	6.50
	1.5 mm hex key for stop collars		991.056.00	3.50

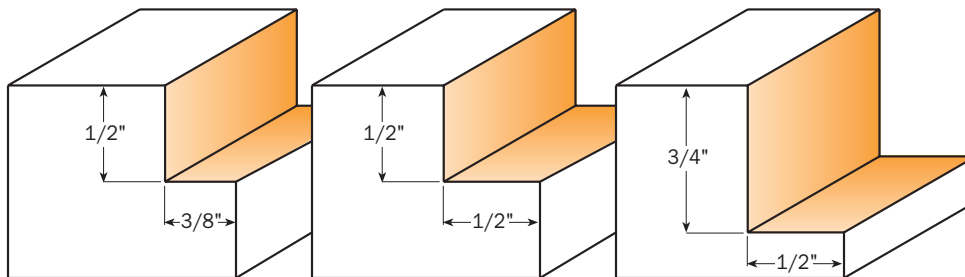


The biggest problem encountered when rabbeting is achieving a cut with a deep enough groove. Usually it takes more than one cut to get the depth you want causing you to risk precision and waste time. With CMT Rabbeting Bits, the problem is resolved.

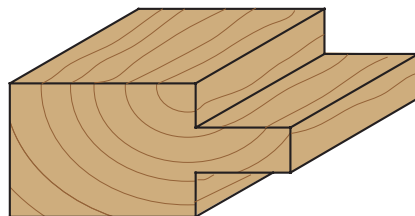
Our carbide faced rabbeting bits are fast and accurate - you can quickly produce inset doors and drawer fronts, make strong rabbet joints, mill perfect tongue and groove joints or any number of other jobs that before were time consuming and difficult. You can even re-groove old window frames to fit insulated glass panes with the extra long CMT 3/4" rabbeting bit.

Other possibilities are illustrated below and on the following pages. Use our Slot Cutters and Round Over Bits to put extra finishing touches on all your grooving and rabbeting projects.

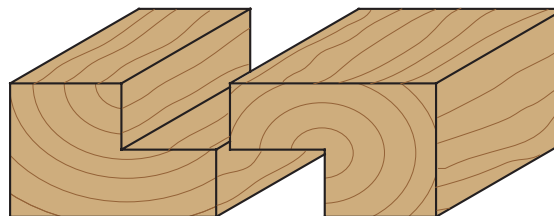
See page 26 for **Rabbeting Sets**.



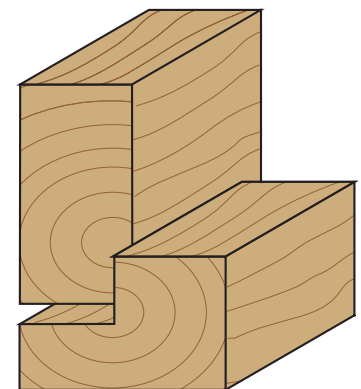
Drawings are 1:1 scale



tenon



2-rabbet lap joint



1-rabbet lap joint

H Cutting Depth 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
3/8"	9.5	1-1/4"	1/2"	1/2"	835.317.11	835.817.11	<b>29.90</b>	<b>31.50</b>
1/2"	12.7	1-3/8"	1/2"	3/8"	835.350.11	835.850.11	<b>31.90</b>	<b>34.50</b>
1/2"	12.7	1-3/8"	3/4"	3/8"		835.851.11	N/A	<b>36.90</b>

**SPARE PARTS:**

3/8" bearing	791.002.00	4.90
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



# Rabbeting Sets



**835.001/501/502 CARBIDE TIPPED**

Our CMT carbide tipped Rabbeting Bits Sets, are fast and accurate - you can quickly produce inset doors and drawer fronts, make strong rabbet joints, mill perfect tongue and groove joints, they can even be used as a flush trim or pattern following bit or any number of other jobs. CMT Rabbeting Sets allow you to make a limitless number of cuts by adjusting the cutting height on your router and changing the bearing on the bit. Each set comes complete with one rabbeting bit with 3/8" bearing assembled and six changeable ball bearing guides, which is also sold separately.

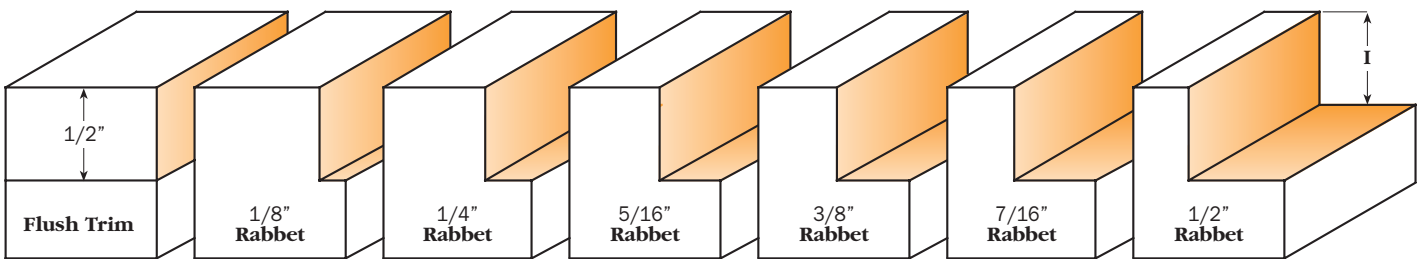
**Important:** always assemble the black bearing heat shield with the raised side up when changing the bearing. Improper assembly will cause the screw to come loose and the bearing to fall off when working.



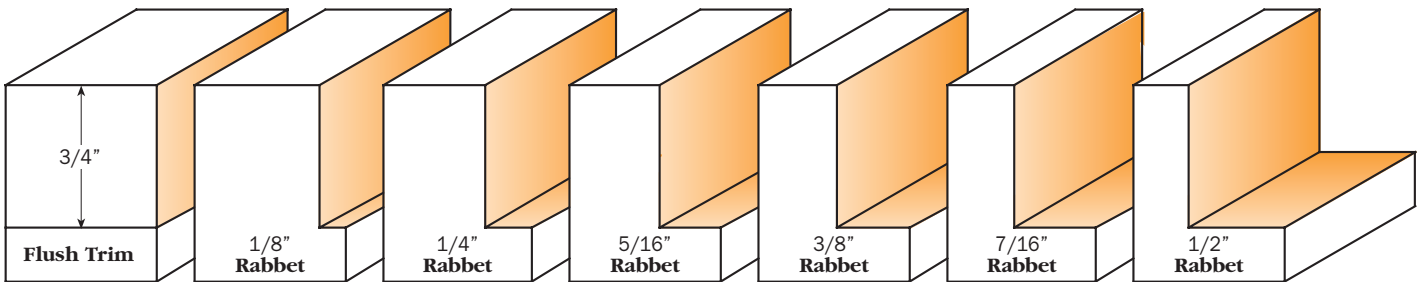
Bearing Set 791.703.00



**835.001.11 Rabbeting Set (contains rabbeting bit 835.350.11) and 835.501.11 Rabbeting Set (contains rabbeting bit 835.850.11)**



**835.502.11 Rabbeting Set (contains rabbeting bit 835.851.11)**















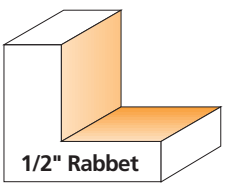
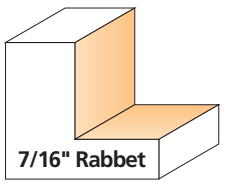
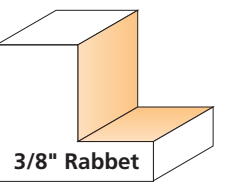





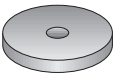
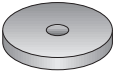
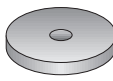

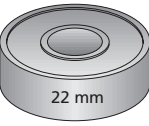
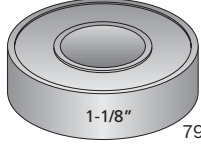
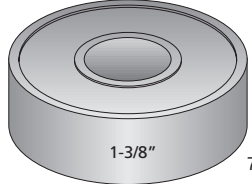


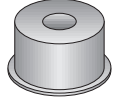
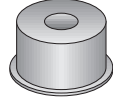
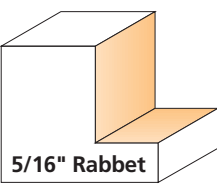
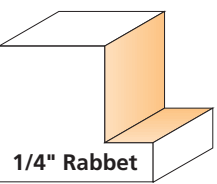
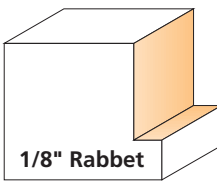
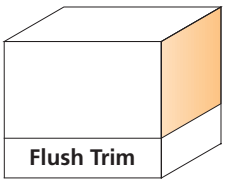
Drawings are 1:1 scale

H Cutting Depth		D Cutting Diameter		I Cutting Length	Order No. 1/4" Shank	Order No. 1/2" Shank	List Price \$	
inches	mm	inches	mm				1/4" Shank	1/2" Shank
1/8" to 1/2"	3.2 - 12.7	1-3/8"	34.9	1/2"	835.001.11	835.501.11	<b>54.90</b>	<b>59.50</b>
1/8" to 1/2"	3.2 - 12.7	1-3/8"	34.9	3/4"		835.502.11	N/A	<b>62.90</b>
<b>SPARE PARTS:</b>						791.703.00		33.50

The following items make up the bearing tree and hardware pouch included in the CMT Rabbeting Set 835.001/501/502. Rabbeting Bit Bearing Set available separately. Assembly instructions shown below also come with the Rabbeting Set.

## 791.703.00 Rabbeting Bit Bearing Set

**\$ 33.50**  
LIST PRICE

	990.057.00		990.057.00		990.057.00		
	990.400.00		990.400.00		990.400.00		
	791.002.00		791.003.00		791.018.00		
	990.421.00••		990.422.00••				
	<b>1/2" Rabbet</b>		<b>7/16" Rabbet</b>		<b>3/8" Rabbet</b>		
	990.058.00		990.058.00		990.059.00		990.059.00
	990.400.00		541.552.00		541.552.00		541.552.00
	799.019.00		791.017.00•		791.014.00•		791.016.00•
	791.019.00•		799.017.00		799.014.00		799.014.00
	<b>5/16" Rabbet</b>		<b>1/4" Rabbet</b>		<b>1/8" Rabbet</b>		<b>Flush Trim</b>

- The item number for the bearing includes the reducer already assembled in the bearing.
- Always assemble the black bearing shield with the raised side up when changing the bearing.