



Router bits & Sets

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Solid carbide spiral bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

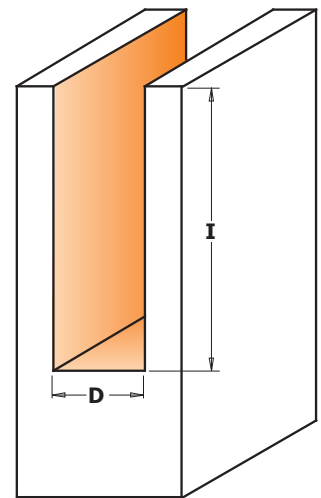
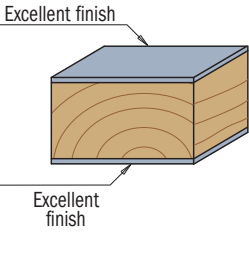
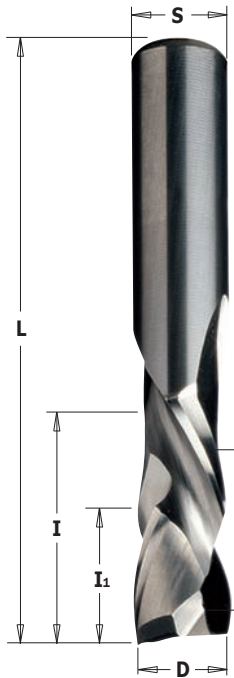
Display Cabinets

190-191-192

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. This new range of spiral bits with 6, 8, 12mm and 6,35 and 12,7mm shanks allow them to be used with C.N.C. router and hand-routers.

Test check yourself the extraordinary quality-price ratio of these bits!

HWM Z2 Z2+2 Z3+3 RH

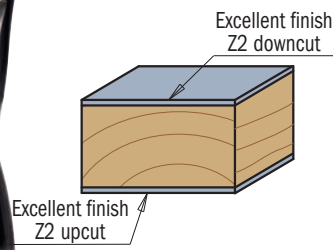


Drawing are 1:1 scale

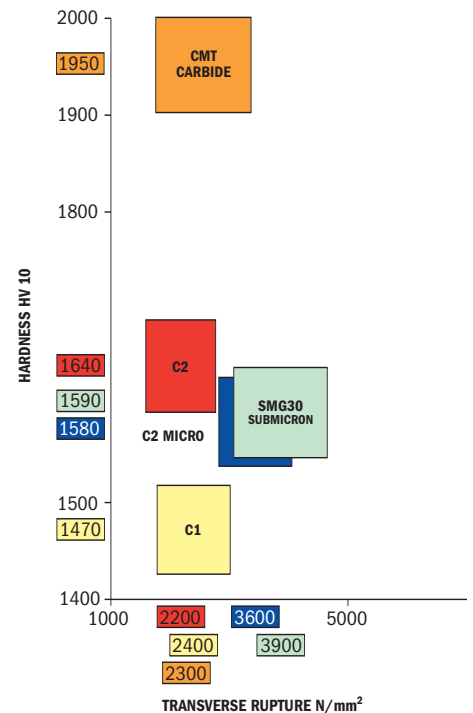
Upcut & Downcut 190



Upcut 191



Downcut 192



... Z2+2 upcut & downcut spiral

190

D mm	I mm	I1 mm	L mm	Z	ORDER NO. S=Ø8mm	ORDER NO. S=Ø9,5mm	ORDER NO. S=Ø10mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
8	32	7	80	2+2	190.080.11				
9,52	28,6	7	76,2	2+2		190.504.11			
10	32	7	80	2+2			190.100.11		
12	42	7	90	2+2				190.120.11	
12,7	25,4	16	76,2	2+2					190.505.11
12,7	28,6	16	76,2	2+2					190.506.11
12,7	34,9	16	88,9	2+2					190.507.11
12,7	41,3	16	101,6	2+2					190.508.11
up & downcut mortising bits									
9,52	22,2	4,8	76,2	2+2		190.513.11			
9,52	25,4	5,2	76,2	3+3		190.813.11			
12	25,4	5,2	76,2	3+3				190.320.11	
12,7	22,2	5,2	76,2	2+2					190.515.11
12,7	34,9	5,2	88,9	2+2					190.517.11

... Z2 upcut spiral

191

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
3	12	60	191.630.11		191.830.11		
3,18	12,7	50,8		191.001.11			
3,5	12	60	191.635.11				
3,97	12,7	50,8		191.003.11			
4	15	60	191.640.11		191.840.11		
4,76	19,05	50,8		191.005.11			
5	17	60	191.650.11		191.850.11		
6	27	70	191.060.11		191.860.11		
6,35	19,05	50,8		191.007.11			
6,35	25,4	63,5		191.008.11			
7	32	80			191.870.11		
7,94	25,4	76,2					191.501.11
8	22	70			191.080.11		
8	32	80			191.081.11		
8	42	90			191.082.11		
9	32	80				191.890.11	
9,53	31,75	76,2					191.503.11
10	32	80			191.800.11	191.900.11	
10	42	90				191.901.11	
12	35	80			191.820.11	191.120.11	
12	42	90				191.121.11	
12	52	100				191.122.11	
12,7	31,75	76,2					191.505.11
12,7	38,1	88,9					191.506.11
12,7	50,8	101,6					191.507.11

... Z2 downcut spiral

192

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
3	12	60	192.630.11		192.830.11		
3,18	12,7	50,8		192.001.11			
3,97	12,7	50,8		192.003.11			
4	15	60	192.640.11		192.840.11		
4,76	19,05	50,8		192.005.11			
5	17	60	192.650.11		192.850.11		
6	27	70	192.060.11		192.860.11		
6,35	19,05	50,8		192.007.11			
6,35	25,4	63,5		192.008.11			
7,94	25,4	76,2					192.501.11
8	22	70			192.080.11		
8	32	80			192.081.11		
8	42	90			192.082.11		
9,53	31,75	76,2					192.503.11
10	32	80			192.800.11	192.900.11	
12	35	80			192.820.11	192.120.11	
12,7	31,75	76,2					192.505.11
12,7	38,1	88,9					192.506.11
12,7	50,8	101,6					192.507.11

Saw blades

Tools with bore
& Knives

Router Bits
& Sets

CNC Router Cutter
& Chucks

Industrial
Dowel Drills

Bits for Hand
Power Tools

Spare Parts

Power Tools
& Accessories

Display Cabinets

Straight bits



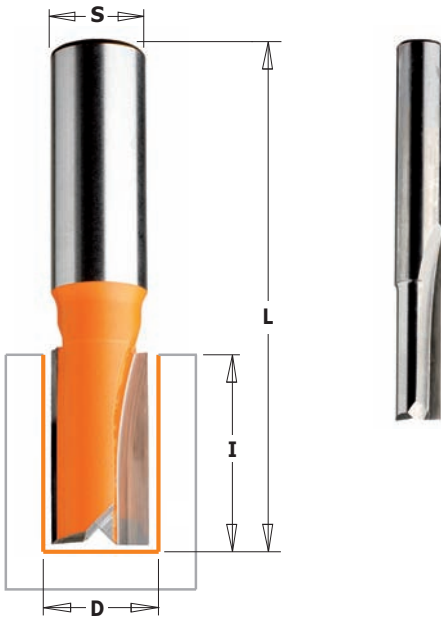
7/8/911

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 micrograin 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.

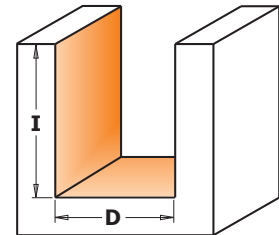
The surface of all CMT bits is protected with our trademark orange non-stick PTFE to help keep the bit from collecting resin, pitch and other residue.

Every bit is submitted to strict quality tests to guarantee perfect cutting tolerance, balance and concentricity. CMT bits allow production on an industrial scale using a variety of plywood, composites and natural woods.

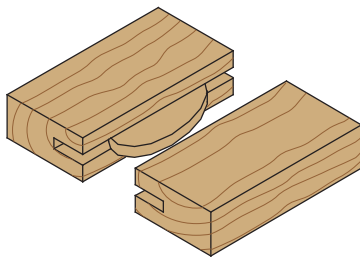
CMT produces 91 types of straight bits in a wide range of diameters so you can find exactly what you want.



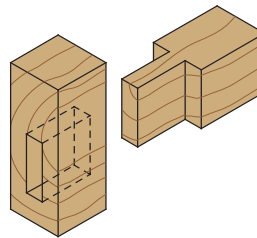
The cutting edge top sharpening on 9mm diameter bits and larger allows for short plunging operations.



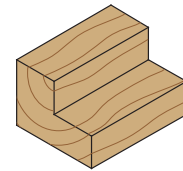
Drawing are 1:1 scale



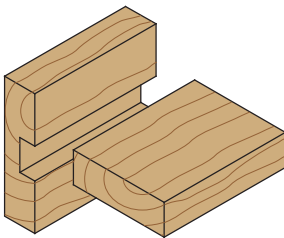
Biscuit joint using bit #7/8/911.040.11



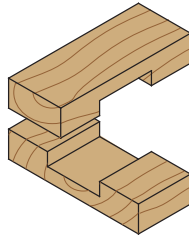
Mortise and tenon



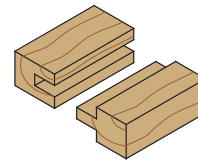
Rabbet



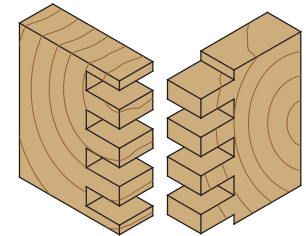
Right-angle joint



Union



Tongue and groove joint



Box joint

Plywood groove set

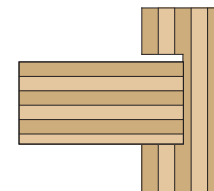
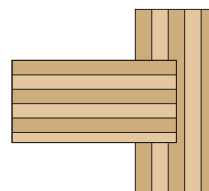
811



Our plywood groove bits are designed specifically for routing grooves and dadoes for joints in plywood. That means they match the true thickness of plywood, producing tight, accurate joints. Use our 18,2mm bit for 19mm plywood, 12,3mm bit for 12,7mm plywood and our 6mm for 6,35mm ply. No gaps or sloppy joints, guaranteed. These money-saving 3-bit sets are available with 12,7mm or 6,35 shanks.

Example shown in 12,7mm thick plywood

This joint is made with the CMT 12,3mm straight bit in 12,7mm plywood. Notice the precise fit - no gaps.



This joint is made with a regular 12,7mm straight bit in 12,7mm plywood. Notice the extra space and ill fitting joint.



DESCRIPTION	ORDER NO. Ø 6,35mm	ORDER NO. Ø 12,7mm
Plywood groove set (Ø6 - Ø12,3 - Ø18,2mm)	811.001.11	811.501.11

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

Straight bits, short series

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
• 2*	4	38	711.020.11	811.020.11			
• 3	8	45	711.030.11	811.030.11	911.030.11		
• 3	8	58,3				911.530.11	
• 3,2	9,5	45		811.032.11			
• 4	10	58,3				911.540.11	
• 4	10	45	711.040.11	811.040.11	911.040.11		
• 4,75	12,7	50,8		811.047.11			
• 5	12	50,8	711.050.11	811.050.11	911.050.11		
• 5	12	58,3				911.550.11	
• 6	16	50,8	711.060.11	811.060.11	911.060.11		
• 6	19	60,3					811.560.11
• 6	19	65				911.560.11	
• 6,35	19	50,8		811.064.11			
• 6,35	19	57,2		811.065.11			
• 6,35	19	60,3					811.564.11
• 7	18	48	711.070.11	811.070.11	911.070.11		
• 7	18	65				911.570.11	
• 7,6	20	51			911.076.11		
• 8	20	48	711.080.11	811.080.11	911.080.11		
• 8	25,4	71,5		811.081.11			
• 8	25,4	70					811.581.11
9	20	48	711.090.11		911.090.11		
9,5	19	50,8		811.095.11			
9,5	25,4	63,5		811.096.11			
9,5	25,4	66,7					811.595.11
10	20	48	711.100.11	811.100.11	911.100.11		
10	25,4	63,5					811.600.11
11	20	48	711.110.11		911.110.11		
12	20	50	711.120.11	811.120.11	911.120.11		
12	25,4	63,5				911.620.11	811.620.11
12,3	25,4	57,2		811.123.11			
12,3	25,4	63,5					811.623.11
12,7	19	57,2		811.127.11			
12,7	25,4	66,7					811.627.11
12,7	31,7	82,5					811.628.11
13	20	57	711.130.11		911.130.11		
14	20	50	711.140.11	811.140.11	911.140.11		
14,2	14,2	57,2		811.142.11			
15	20	57,2	711.150.11	811.150.11	911.150.11		
15,8	19	66,7		811.158.11			
15,8	25,4	63,5					811.660.11
16	20	57,2	711.160.11	811.160.11	911.160.11		
16	25,4	63,5					811.661.11
17	20	50	711.170.11				
18	20	50	711.180.11	811.180.11	911.180.11		
18,2	25,4	57,2		811.182.11			
18,2	25,4	63,5					811.682.11
19	20	57,2	711.190.11	811.191.11	911.190.11		
19	25,4	63,5					811.690.11
20	20	50	711.200.11	811.200.11	911.200.11		
22	20	57,2	711.220.11	811.220.11	911.220.11		
24	20	50	711.240.11		911.240.11		
25	20	50	711.250.11		911.250.11		
25,4	19	50,8		811.254.11			
25,4	31,7	76,2					811.754.11
28,5	31,7	76,2					811.785.11

• HWM
* Z1

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

Straight bits, long series

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

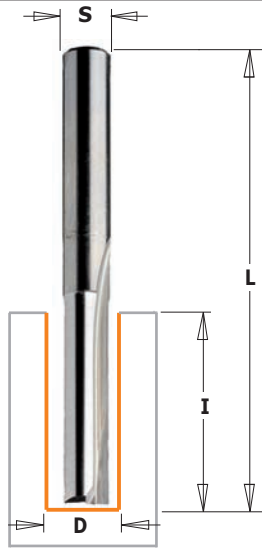
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

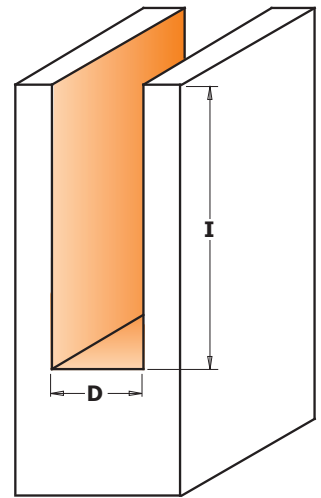
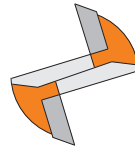
Display Cabinets



7/8/912

Safety precautions: never use damaged or worn bits. Always work at the proper feed rate without forcing the bit. Pay particular attention when making the initial cut with a small diameter bit. For best results when working with small diameter bits, make the cut in more than one pass.

The cutting edge top sharpening on 9mm diameter bits and larger allows for short plunging operations.



Drawing are 1:1 scale

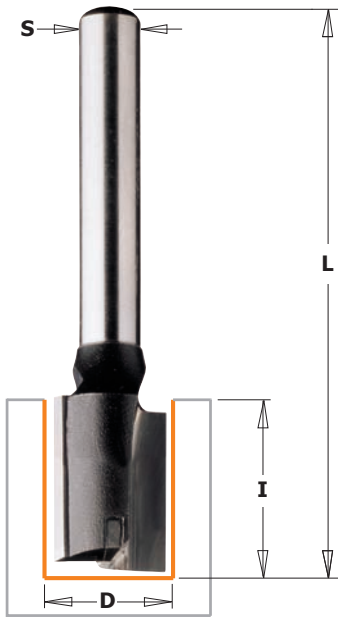


Masterpack

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
• 3	11	60	712.030.11				
• 3,2	12,7	50,8		812.032.11			
• 4	12	60	712.040.11				
• 5	18	60	712.050.11				
• 6	25,4	60	712.060.11	812.060.11	912.060.11		
• 6,35	25,4	60		812.064.11			
• 8	31,7	60	712.080.11	812.080.11	912.080.11		
• 8	31,7	75				912.580.11	
9	31,7	75				912.590.11	
9,5	31,7	63,5		812.095.11			
9,5	31,7	73					812.595.11
10	31,7	60	712.100.11	812.100.11	912.100.11		
10	31,7	70					812.600.11
10	31,7	74				912.600.11	
11,1	31,7	82,5					812.611.11
12	31,7	60	712.120.11	812.120.11	912.120.11		
12	31,7	70					812.620.11
12	38,1	95				912.621.11	812.621.11
12	50,8	108				912.622.11	
12,7	31,7	70		812.127.11	912.127.11		
12,7	38,1	95					812.627.11
12,7	50,8	108					812.628.11
12,7	63,5	111					812.629.11
14	31,7	60	712.140.11	812.140.11	912.140.11		
14	31,7	70				912.640.11	
15	31,7	66	712.150.11	812.150.11	912.150.11		
15	31,7	70				912.650.11	
15,8	31,7	70		812.158.11			
16	31,7	66	712.160.11	812.160.11	912.160.11		
16	31,7	70				912.660.11	812.660.11
18	38,1	80				912.681.11	
19	38,1	82,5				912.690.11	812.690.11
19	50,8	92				912.691.11	812.691.11
20	38,1	80				912.701.11	
22	38,1	80				912.721.11	
5 pcs. in masterpack							
12,7	50,8	108					812.628.11-X5
10 pcs. in masterpack							
12,7	50,8	108					812.628.11-X10

• HWM

Straight bits with centre tip



174-177

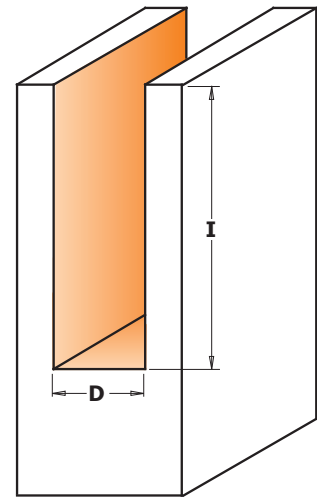
These industrial straight bits are made a kind of stainless steel specifically created to support hard work on route machines and CNC routers. The cutting plunging edge will allow you to execute any kind of drilling and trimming jobs on soft and hardwood, wood composites and also plastic and laminated materials.

Application

Used for drilling, grooving or jointing solid wood and wood composites. Can be used on machining centres, CNC routers and hand-held routers equipped with chucks or adaptors.

Plunge centre tip

This particular kind of cutting plunging edge allows long-lasting performance on drilling operation.



Drawing are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=∅8mm
• 3	10	55	174.030.11
• 4	10	55	174.040.11
• 5	12	55	174.050.11
• 6	14	55	174.060.11
• 7	20	55	174.070.11
8	20	55	174.080.11
8	30	70	174.081.11
8	40	90	174.082.11
9	20	55	174.090.11
10	20	60	174.100.11
10	30	70	174.102.11
10	40	90	174.101.11
11	20	60	174.110.11
12	20	60	174.120.11
12	30	70	174.122.11
12	40	90	174.121.11
13	20	60	174.130.11
14	20	60	174.140.11
14	30	70	174.142.11
14	40	90	174.141.11
15	20	60	174.150.11
16	20	70	174.160.11
16	30	70	174.162.11
16	40	90	174.161.11
18	20	70	174.180.11
18	30	70	174.181.11
18	40	80	174.182.11
19	20	70	174.190.11
20	20	70	174.200.11
20	30	70	174.201.11
20	40	90	174.202.11
22	20	70	174.220.11
22	30	70	174.221.11
22	40	90	174.222.11
24	20	70	174.240.11
24	30	70	174.241.11
24	40	90	174.242.11
25	20	70	174.250.11
26	20	70	174.260.11
26	30	70	174.261.11
28	20	70	174.280.11
28	30	70	174.281.11
29	20	70	174.290.11
30	20	70	174.300.11

D mm	I mm	L mm	ORDER NO. S=∅12mm
10	35	90	177.100.11
12	35	90	177.120.11
12	50	100	177.121.11
14	35	90	177.140.11
16	35	90	177.160.11
16	60	110	177.161.11
18	35	90	177.180.11
18	60	110	177.181.11
20	35	90	177.200.11
22	35	90	177.220.11
24	35	90	177.240.11
25	35	90	177.250.11
26	35	90	177.260.11
28	35	90	177.280.11
30	35	90	177.300.11
35	35	90	177.350.11

• HWM

Straight cutters with threaded shank

Saw blades

Tools with bore & knives

Router Bits & Sets

CNC Router Cutter & Chucks

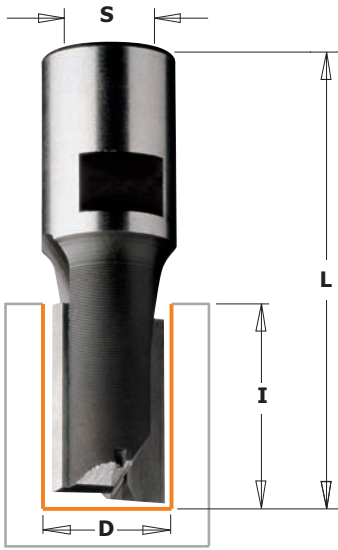
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets



HW plunge centre tip

TECHNICAL DETAILS:

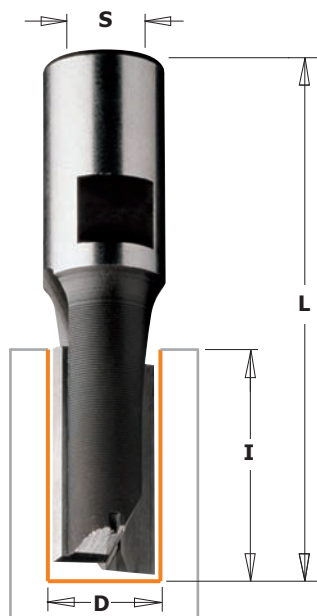
- Super strength steel
- 2 HW alternating precision ground cutting edges [Z2+1]

APPLICATION: ideal for cutting openings for electrical boxes and similar operations in solid wood, wood composites, plastics and laminates. Can be used on machining centres, CNC routers and hand-held routers equipped with chucks or adaptors.

170-171-180-181



D mm	I mm	L mm	ORDER NO. S=M12x1
6	18	60	170.060.11
8	23	60	170.080.11
10	23	60	170.100.11
11	23	60	170.110.11
12	23	60	170.120.11
14	23	60	170.140.11
15	25	60	170.150.11
16	25	60	170.160.11
18	25	60	170.180.11
20	25	60	170.200.11
22	25	60	170.220.11
24	25	60	170.240.11
25	25	60	170.250.11
26	25	60	170.260.11
28	25	60	170.280.11
30	25	60	170.300.11
35	25	60	170.350.11
8	35	67	171.080.11
10	35	67	171.100.11
12	35	67	171.120.11
14	35	67	171.140.11
16	35	67	171.160.11
18	35	67	171.180.11
20	35	67	171.200.11
22	35	67	171.220.11
12	45	77	180.120.11
16	45	77	180.160.11
18	45	77	180.180.11
20	45	77	180.200.11
16	60	92	181.160.11
20	60	92	181.200.11



HW plunge centre tip

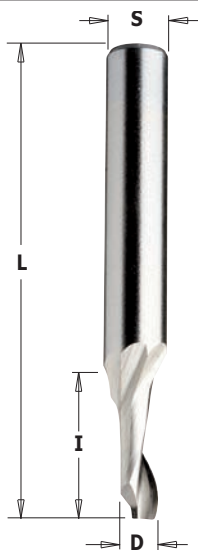
173-182



D mm	I mm	L mm	ORDER NO. S=M10
6	14	50	173.060.11
8	20	52	173.080.11
10	22	52	173.100.11
12	22	52	173.120.11
14	25	52	173.140.11
15	25	52	173.150.11
16	25	52	173.160.11
18	25	52	173.180.11
20	25	52	173.200.11
22	25	52	173.220.11
25	25	52	173.250.11
30	25	52	173.300.11
8	35	67	182.080.11
10	35	67	182.100.11
12	35	67	182.120.11
14	35	67	182.140.11
16	45	77	182.160.11
18	45	77	182.180.11
20	45	77	182.200.11

5%co HS spiral bits for aluminium

positive single flute



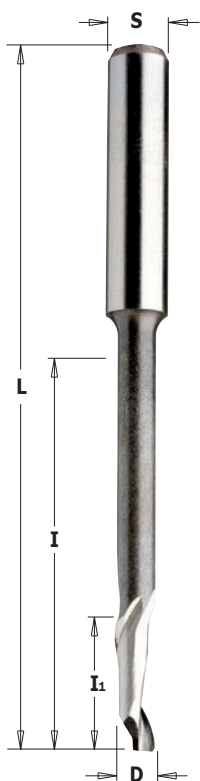
188

HS Z1 RH

D mm	I mm	L mm	ORDER NO. S=Ø8mm
3	12	60	188.030.51
4	12	60	188.040.51
4	40	100	188.041.51
5	14	60	188.050.51
5	40	100	188.051.51
6	14	60	188.060.51
6	40	100	188.061.51
7	14	60	188.070.51
8	14	80	188.080.51
8	40	100	188.081.51
9	14	80	188.090.51
10	14	80	188.100.51
12	14	80	188.120.51

5%co HS spiral bits for aluminium

positive single flute for high cutting depth



189

HS Z1 RH

D mm	I mm	I ₁ mm	L mm	S mm	ORDER NO.
4	46	16	90	8	189.040.51
5	35	18	80	8	189.050.51
5	35	14	120	8	189.051.51
5	55	16	90	8	189.052.51
6	45	16	90	8	189.060.51
8	68	14	100	8	189.080.51
8	55	14	80	8	189.081.51
10	95	14	120	10	189.100.51
10	70	30	100	10	189.101.51

TECHNICAL DETAILS:

- 5%co premium solid HS
- 1 upcut spiral cutting edge
- Upward chip ejection

APPLICATION: these tools feature single flute design allowing both efficient and effective carving on all types of aluminium. The final result? Higher flexibility than traditional bits, enhanced productivity and high quality finishing.

Straight router bits with insert knives



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

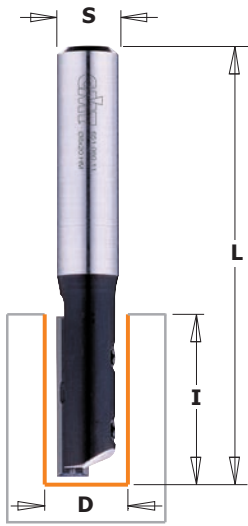
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

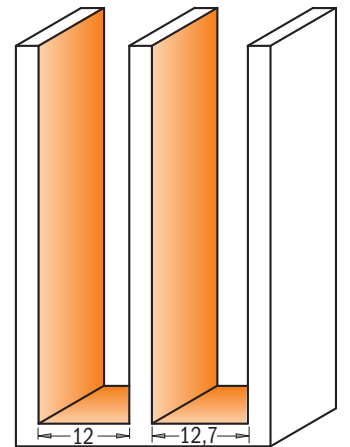
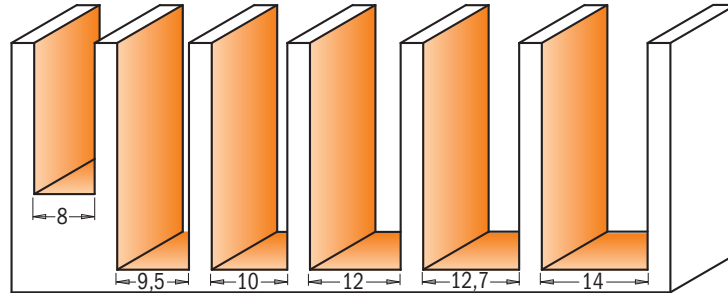
Power Tools & Accessories

Display Cabinets



651-652

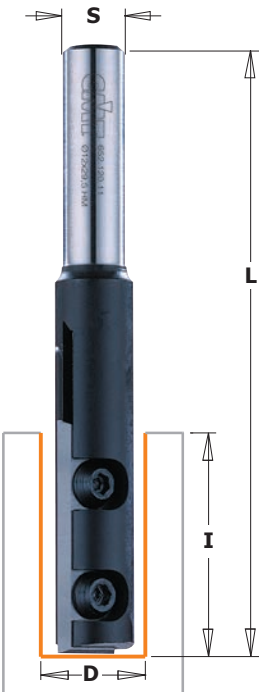
Straight router bit with one replaceable mini knife and fixing wedge. Radial and axial groove for better and safe knife insertion. For finishing, routing and grooving in board materials (DTD laminated, MDF and hardwood). For use on portable routers or CNC machining centres.



Drawings are 1:1 scale

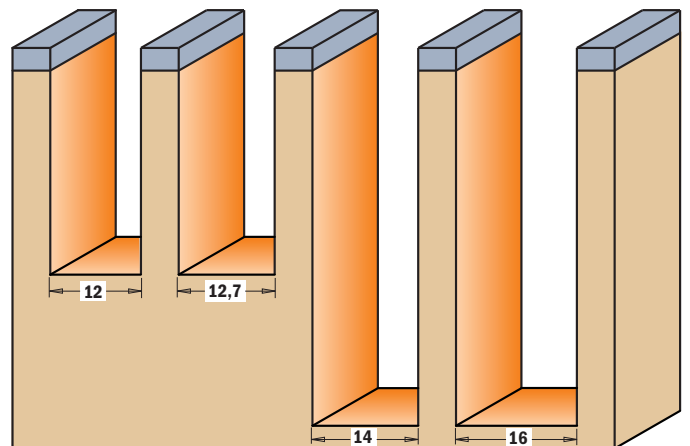
D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts				
8	20	60	651.079.11								790.200.01 651.999.01 990.070.00 991.063.00
8	20	60		651.080.11							790.200.01 651.999.01 990.070.00 991.063.00
8	20	67			651.081.11	651.681.11					790.200.01 651.999.01 990.070.00 991.063.00
9,5	30	70	651.095.11								790.300.01 651.999.02 990.071.00 991.063.00
9,5	30	80				651.695.11					790.300.01 651.999.02 990.071.00 991.063.00
10	30	70		651.100.11							790.300.01 651.999.02 990.071.00 991.063.00
10	30	80			651.101.11	651.701.11					790.300.01 651.999.02 990.071.00 991.063.00
12	30	70		651.120.11							790.300.01 651.999.02 990.071.00 991.063.00
12	30	80			651.121.11	651.721.11					790.300.01 651.999.02 990.071.00 991.063.00
12	50	103			652.121.11	652.621.11					790.500.01 651.999.03 990.016.00 991.060.00
12,7	30	70	651.127.11								790.300.01 651.999.02 990.071.00 991.063.00
12,7	30	80				651.727.11					790.300.01 651.999.02 990.071.00 991.063.00
12,7	50	103				652.628.11					790.500.01 651.999.03 990.016.00 991.060.00
14	30	73		651.140.11							790.300.01 651.999.02 990.071.00 991.063.00

Straight router bits with insert knives for laminates



652

Straight trimmer bits with one replaceable knife fixed by Torx screw. For economical specialist applications requiring low down-time. The 29,5x9x1,5mm knives provide a 40mm cutting length when operating in multiple passes. For routing, trimming and grooving on board materials (laminated chipboards, worktop panels and MDF). For use on portable routers.



Drawings are 1:1 scale

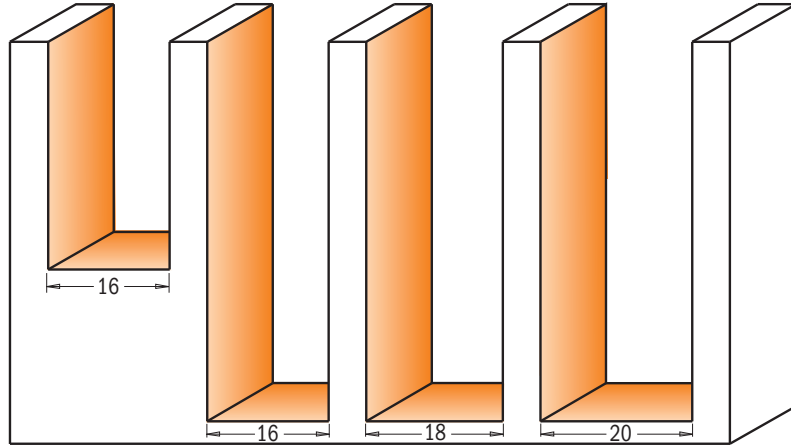
D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
12	29,5	79	652.120.11						790.295.09 990.072.00 991.061.00
12	39,5	90	652.122.11						790.395.09 990.072.00 991.061.00
12,7	29,5	89			652.627.11				790.295.09 990.072.00 991.061.00
14	50	96		652.141.11					790.500.09 990.072.00 991.061.00
16	50	96		652.161.11					790.500.09 990.072.00 991.061.00

Straight router bits with insert knives



653

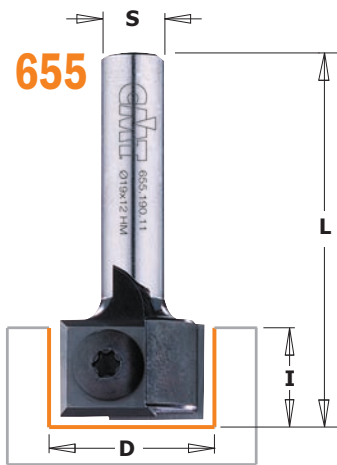
Straight router bits with on replaceable plunging knife and side knife fixed by a special Torx screw. The tool bodies are precisely balanced. For finishing, routing, plunging and grooving on board materials (laminated chipboards and MDF) and hardwood. For use on portable routers or CNC machining centres.



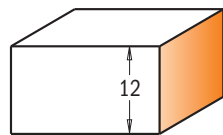
Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts					
			S=Ø8mm	S=Ø12mm	S=Ø12,7mm	S=Ø20mm						
15,8	28,3	91			653.158.11			790.283.12	990.074.00	790.075.00	990.072.00	991.061.00
15,8	48,3	111			653.159.11			790.483.12	990.074.00	790.075.00	990.072.00	991.061.00
16	28,3	81	653.160.11					790.283.12	990.074.00	790.075.00	990.072.00	991.061.00
16	28,3	91		653.161.11		653.661.11		790.283.12	990.074.00	790.075.00	990.072.00	991.061.00
16	48,3	111		653.162.11		653.662.11		790.483.12	990.074.00	790.075.00	990.072.00	991.061.00
18	48,3	111				653.681.11		790.483.12	990.074.00	790.075.00	990.072.00	991.061.00
20	48,3	111				653.701.11		790.483.12	990.074.00	790.096.00	990.072.00	991.061.00

Straight router bits with insert knives



655

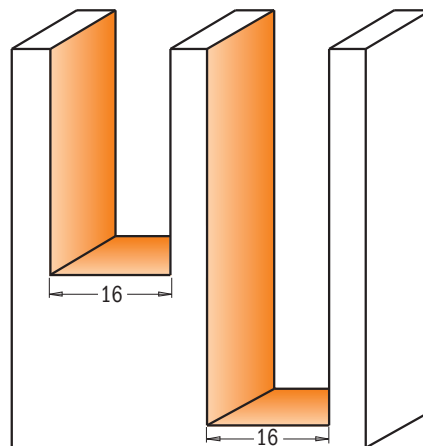


Drawing are 1:1 scale

654



Straight router bit with two replaceable knives fixed by special Torx screws. Their blades are sharpened on the top with 3° angle for better plunging operations.



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts			
			S=Ø8mm	S=Ø12mm	S=Ø12,7mm	S=Ø20mm				
16	28,3	76	654.160.11					790.283.12	990.073.00	991.061.00
16	28,3	86		654.161.11		654.661.11		790.283.12	990.073.00	991.061.00
16	48,3	105		654.162.11		654.662.11		790.483.12	990.073.00	991.061.00
19	12	45	655.190.11					790.120.00	990.075.00	991.061.00

Mortising bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

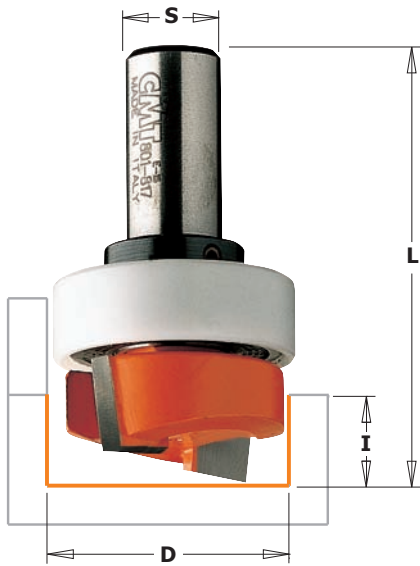
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

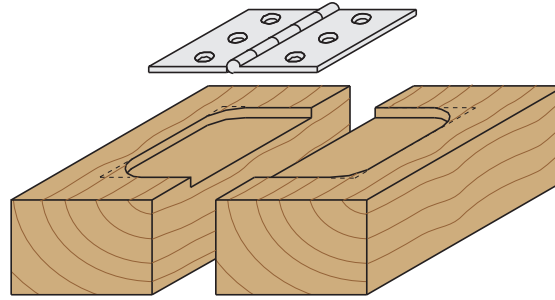
Power Tools & Accessories

Display Cabinets



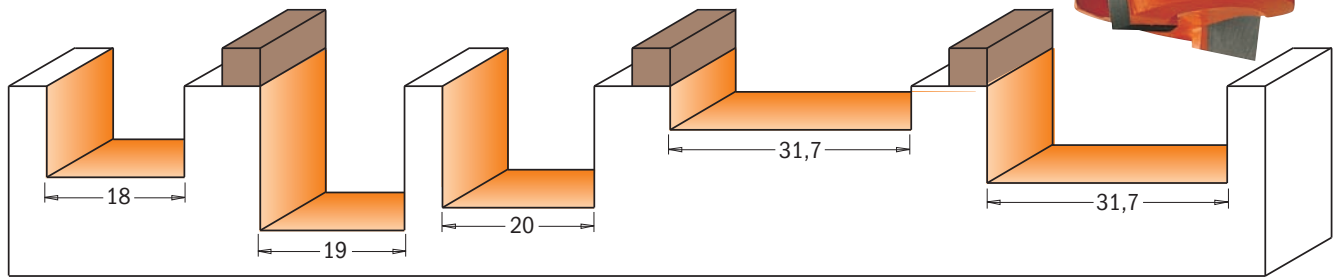
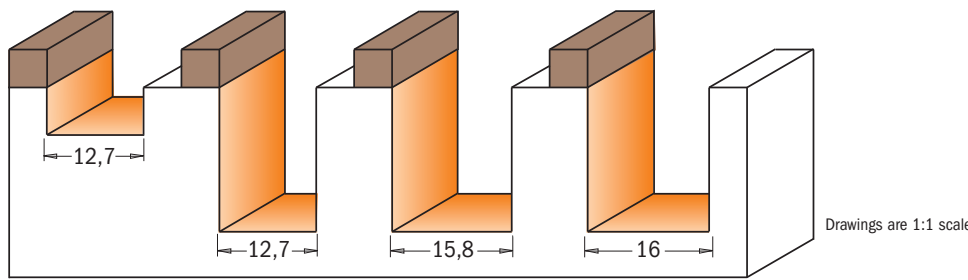
7/8/901B

Equipped with thick carbide tips and negative shear angle design, CMT mortising bits guarantee you flawless performance. Mortise perfect hinges with no splintered edges or rough bottoms. They also make an easy job on both natural wood and wood composites. Fit most popular mortising jigs. The CMT mortising bit with top bearing guide is the perfect bit for sign making or any kind of template work.



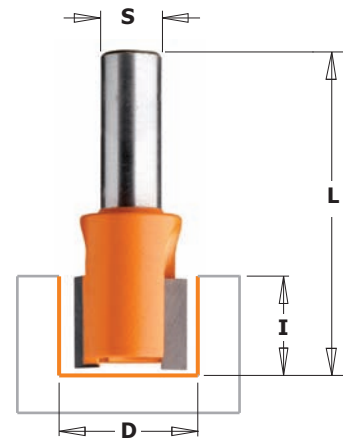
Example of usage of a CMT mortising bit to fit a hinge.

7/8/901

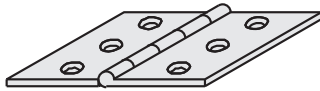


D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
12,7	6,35	41		801.128.11						
12,7	19	54	701.127.11	801.127.11	901.127.11					
12,7	19	60				901.627.11	801.627.11			
15,8	19	57		801.158.11						
16	19	54	701.160.11		901.160.11					
18	16	48	701.180.11		901.180.11					
19	19	54	701.190.11	801.190.11	901.190.11					
19	19	57					801.690.11			
20	16	48	701.200.11		901.200.11					
31,7	5,7	63					801.818.11			
31,7	12,7	48		801.317.11						
31,7	12,7	54				901.817.11	801.817.11			
with top bearing										
12,7	6,35	41		801.128.11B				791.010.00	541.001.00	991.056.00
12,7	19	54		801.127.11B				791.010.00	541.001.00	991.056.00
15,8	19	57		801.158.11B				791.009.00	541.001.00	991.056.00
16	19	54			901.160.11B			791.025.00	541.004.00	991.056.00
19	19	54	701.190.11B					791.007.00	541.003.00	991.056.00
19	19	54		801.190.11B				791.004.00	541.001.00	991.056.00
31,7	5,7	63					801.818.11B	791.015.00	541.002.00	991.056.00
31,7	12,7	54					801.817.11B	791.015.00	541.002.00	991.056.00

Hinge recesser bits



Ideal for hinge recessing

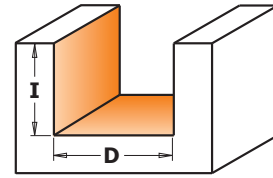


7/902



CMT hinge recesser bits are ideal for shallow lateral routing cuts such as recessing hinges.

Shop tips: corners will require final square with a hand or a corner chisel.

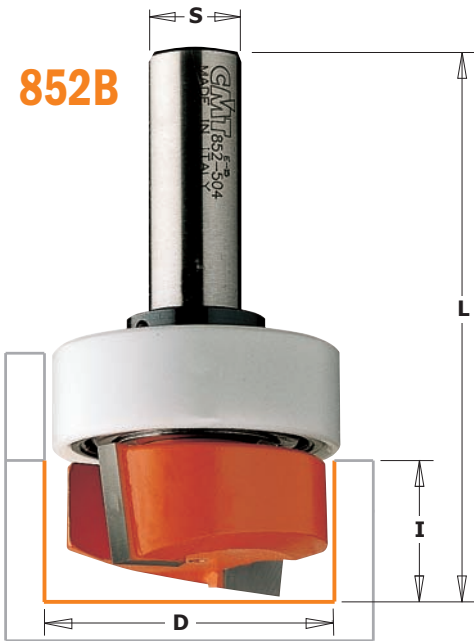


Drawing are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø8mm
12	12	38	702.120.11	902.120.11
13	12	38	702.130.11	902.130.11
14	12	38	702.140.11	902.140.11
15	12	38	702.150.11	902.150.11
16	12	38	702.160.11	902.160.11
18	12	38	702.180.11	902.180.11
20	11	38	702.200.11	902.200.11
22	11	38	702.220.11	902.220.11
23	11	38	702.230.11	902.230.11
24	11	38	702.240.11	902.240.11
25	11	38	702.250.11	902.250.11

Dado & Planer bits

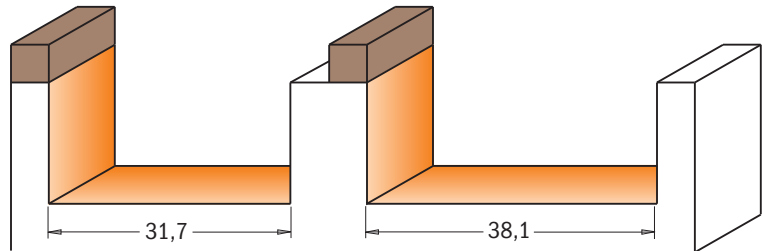
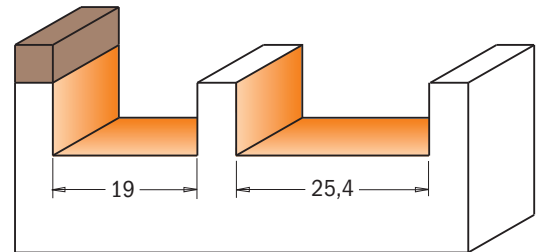
852B



852



Constructed with thick carbide tips and downward shear angle design, CMT mortising bits give you flawless performance. The negative shear angle of the cutting edges pushes the wood fibers down as they cut, allowing you to rout perfect hinge mortises with no splintered edges or rough bottoms. They also make an easy job on both natural wood and wood composites. We offer bits to fit the most popular mortising jigs.



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12,7mm	Spare parts		
19	9,5	57	852.001.11				
19	9,5	63,5		852.501.11			
25,4	9,5	57		852.502.11			
31,7	15,8	70		852.503.11			
38,1	15,8	70		852.504.11			
with top bearing							
19	9,5	57	852.001.11B		791.004.00	541.001.00	991.056.00
19	9,5	63,5		852.501.11B	791.011.00	541.002.00	991.056.00
31,7	15,8	70		852.503.11B	791.015.00	541.002.00	991.056.00
38,1	15,8	70		852.504.11B	791.020.00	541.002.00	991.056.00

Pattern bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

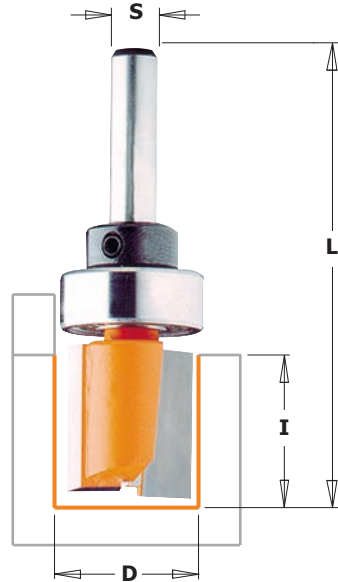
Spare Parts

Power Tools & Accessories

Display Cabinets



7/8/912B



7/8/911B



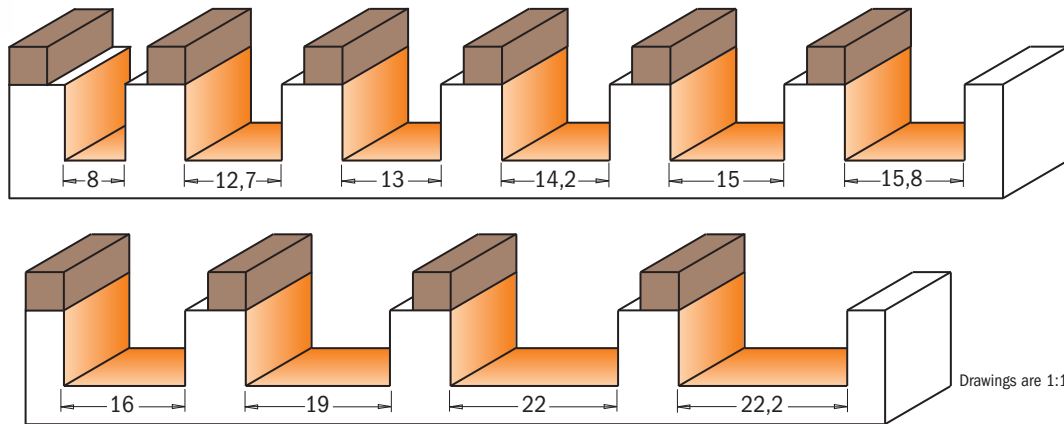
Whether you are a full time professional or a part time woodworking enthusiast, discover the unlimited possibilities of template routing with a CMT pattern bit. Pair up these double fluted bits with your choice of template to produce cabinet and furniture pieces, signs, toys and any other creative projects.

Carbide tipped to last longer, CMT pattern bits are equipped with top bearing for working with the bearing above the wood piece.

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 workpiece.

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 mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
8	25,4	70		811.081.11B*						
12,7	19	57		811.127.11B				791.010.00	541.001.00	991.056.00
13	20	57	711.130.11B					791.023.00	541.003.00	991.056.00
14,2	14,2	57		811.142.11B				791.009.00	541.001.00	991.056.00
15	20	57	711.150.11B					791.024.00	541.003.00	991.056.00
15,8	12,7	58		811.159.11B				791.009.00	541.001.00	991.056.00
15,8	19	66,5		811.158.11B				791.009.00	541.001.00	991.056.00
16	20	57			911.160.11B			791.025.00	541.004.00	991.056.00
19	20	57	711.190.11B					791.007.00	541.003.00	991.056.00
19	20	57		811.191.11B				791.004.00	541.001.00	991.056.00
19	25,4	63,5					811.690.11B	791.011.00	541.002.00	991.056.00
22	20	57			911.220.11B			791.005.00	541.004.00	991.056.00
22,2	25,4	66,5					811.222.11B*	791.021.00	541.006.00	991.056.00
long series										
12,7	31,7	70		812.127.11B				791.010.00	541.001.00	991.056.00
15	31,7	66,5	712.150.11B					791.024.00	541.003.00	991.056.00
15,8	31,7	70		812.158.11B				791.009.00	541.001.00	991.056.00
16	31,7	66,5			912.160.11B			791.025.00	541.004.00	991.056.00
19	38,1	82,5				912.690.11B		791.011.00	541.005.00	991.056.00
19	38,1	82,5					812.690.11B	791.011.00	541.002.00	991.056.00
19	50,8	92				912.691.11B		791.011.00	541.005.00	991.056.00
19	50,8	92					812.691.11B	791.011.00	541.002.00	991.056.00

*This item requires a slightly larger bearing than its cutting diameter

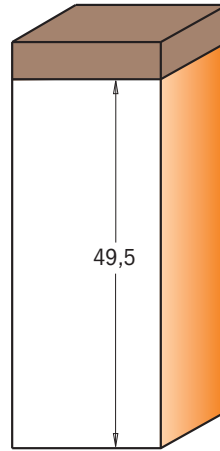
*Ø9,5mm shanks with Ø9,5/12,7mm bushings (799.001.00)

Pattern router bits with insert knives



652B

Straight router bits with on replaceable knife fixed by a Torx screw. For economical specialist applications requiring low downtime. They are equipped with top bearing for template use. For routing, trimming and grooving in board materials (laminated chipboards, worktop panels, MDF). For use on portable routers.



Drawing are 1:1 scale

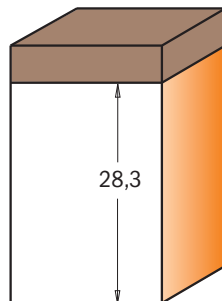
D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts					
19	49,5	100	652.690.11B	652.691.11B						
					790.495.09	990.072.00	991.061.00	791.011.00	541.002.00	991.056.00

Pattern router bits with insert knives for laminates

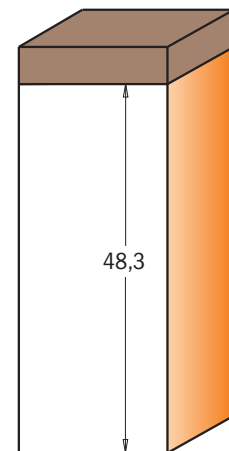
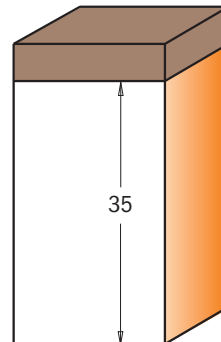


656

This bit type is equipped with top bearing for template use. For finishing, routing and grooving in board materials (laminated chipboards, MDF) and hardwood. Fors use on portable routers or CNC machining centres.



Drawings are 1:1 scale



D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts					
16	35	80	656.160.11								
19	28,3	69	656.190.11			790.283.12	990.076.00	991.061.00	791.025.00	541.004.00	991.056.00
19	28,3	79			656.691.11	790.283.12	990.075.00	991.061.00	791.034.00	541.004.00	991.056.00
19	48,3	100		656.692.11	656.693.11	790.283.12	990.075.00	991.061.00	791.011.00	541.002.00	991.056.00
						790.483.12	990.075.00	991.061.00	791.011.00	541.002.00	991.056.00

Weatherseal bits



7/813.001

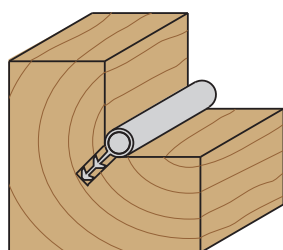
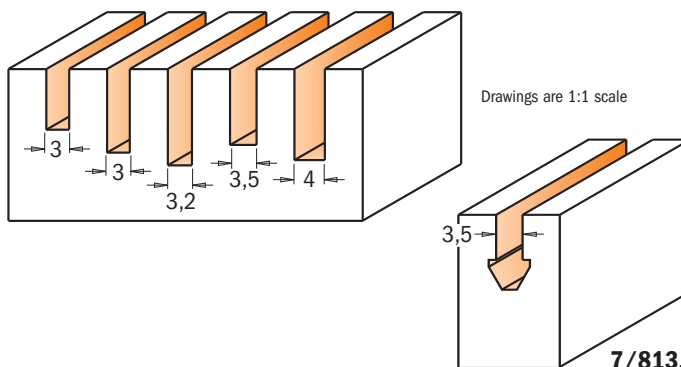
191.635

711.031

712.030
712.040
812.032

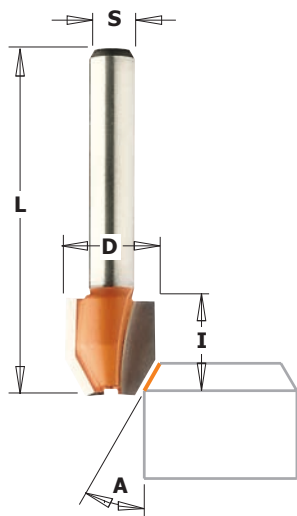
Make your house more energy efficient by insulating old doors and windows. A CMT Weatherseal bit is the perfect bit to re-groove door and window frames to accommodate wind blocking inserts. Made of solid carbide for strength and endurance.

Special economical double-sided design lets you save money by offering two tips in one bit; with the same features as the one-sided weatherseal bit. Only available with a 3mm (1/8") cutting diameter.



D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm
3	8	70	711.031.11	
3	11	60	712.030.11	
3,2	12,7	50,8		812.032.11
3,5	10	60	191.635.11	
4	12	60	712.040.11	
3,5	8	70	713.001.11	
3,5	8	63,5		813.001.11

Combination trimmer bits



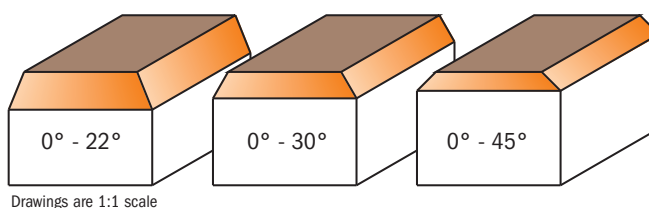
7/8/921



Work to your highest standards with the CMT combination trimmer bits. Now you can cut, trim and bevel all laminated without changing the bits. Achieve great results in straight or angled cuts on both soft and hardwood.

Three popular sizes, each with carbide-tipped cutting edges for efficient bevel and straight trimming.

Notice: these bits must be used with an edge, separate guide or fence.



A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm
0° - 22°	12	12,7	44,5	721.022.11	821.022.11	
0° - 30°	12	12,7	44,5	721.030.11	821.030.11	921.030.11
0° - 45°	12	12,7	44,5	721.045.11	821.045.11	

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

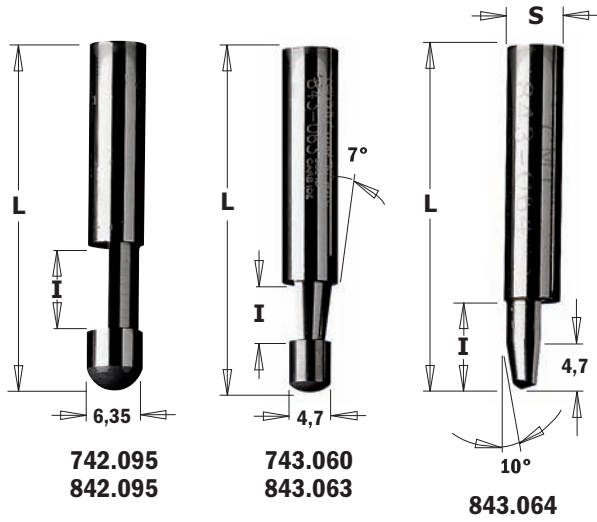
Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

Combination trimmer bits



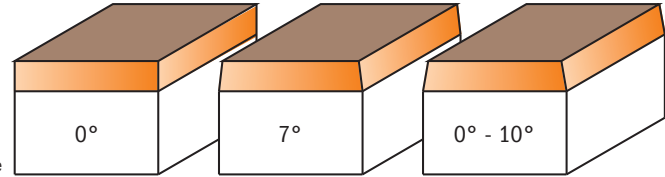
7/842-7/843

Work to your highest standards with the CMT combination trimmer bits. Now you can cut, trim and bevel all laminated without changing the bits. Achieve great results in straight or angled cuts on both soft and hardwood. Three popular sizes, each with carbide-tipped cutting edges for efficient bevel and straight trimming.

Notice: these bits must be used with an edge, separate guide or fence.



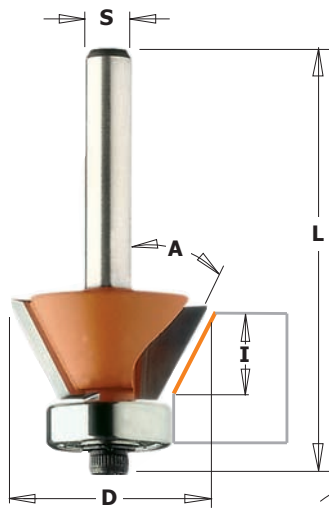
50 pcs. in Masterpack



Drawings are 1:1 scale

A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm
• 0°	6	9,5	38,1	742.095.11	
• 0°	6,35	9,5	38,1		842.095.11
• 7°	6	6	38,1	743.060.11	
• 7°	6,35	6,35	38,1		843.063.11
• 0° - 10°	6,35	9,5	38,1		843.064.11
50 pcs. in masterpack					
• 0°	6,35	9,5	38,1		842.095.11-X50
• 7°	6,35	6,35	38,1		843.063.11-X50

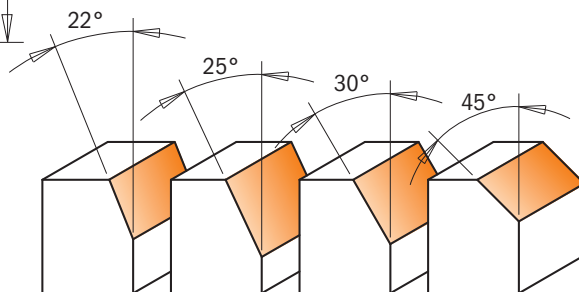
Combination trimmer bits



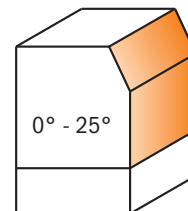
7/8/909 - 7/910

Using the CMT's combination flush and bevel trim bits is the easiest and most precise way to put execute finishing on laminates. No bit changing is necessary to achieve a large variety of angles; simply lower the bit cutting depth for perfect right angle cuts, or raise it for creating rounded off edges with angles up to 25° on both soft and hardwood.

These bits include ball bearing guide for easy template work and for guaranteeing the protection of your workpiece. Also they feature two flutes for smoother cutting and are perfect for rounding off table legs and other soft areas on furniture pieces that may be easily damaged.



Drawings are 1:1 scale



A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	Spare parts							
0° - 25°	19 - 24,5	16 (10+6)	56,5	707.210.11		907.210.11					791.007.00	990.004.00	991.062.00	
22°	12,7	7,8	47,6		809.022.11						791.035.00	990.062.00	991.057.00	
25°	19,05	10	52,4		809.025.11						990.422.00	791.002.00	990.058.00	991.057.00
30°	27	9	55	709.260.11		909.260.11					990.423.00	791.018.00	990.058.00	991.057.00
45°	27	5,5	51,5	710.260.11		910.260.11					990.423.00	791.018.00	990.058.00	991.057.00

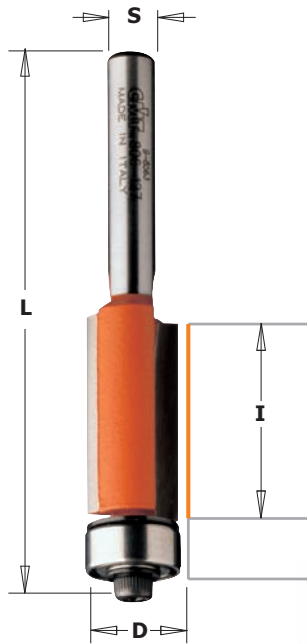
Flush trim bits



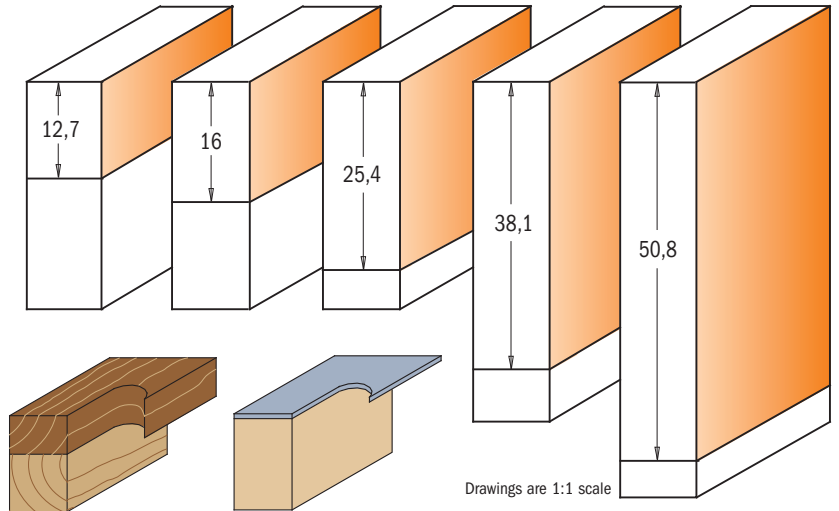
7/8/906

We have designed a series of truly indispensable bits available in a wide range of sizes for your woodworking needs and your most difficult projects. For precision work on laminates or quick template work with excellent finishing.

Shop tips: these bits are excellent for making through mortises. Use a straight bit (#711.130.11) to groove the through mortise area, then use the drill bit (#517.130.31) to bore a through hole at the end of the groove. Turn the workpiece over to end the mortise. Use the flush trim bit with a cutting length slightly longer than the fillet, following the groove made on the opposite side of the workpiece with the ball bearing guide.



10 pcs. in masterpack



Drawings are 1:1 scale

• HWM

I mm	D mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
•25,4	6,35	63,5	706.064.11	806.064.11						
12,7	9,5	55,5	706.096.11	806.096.11	906.096.11			541.350.00	791.035.00	
12,7	12,7	57,8	706.128.11	806.128.11	906.128.11			990.422.00	791.002.00	990.058.00
12,7	12,7	70,6				906.628.11	806.628.11	990.423.00	791.003.00	990.058.00
16	19	57,1	706.190.11		906.190.11			990.423.00	791.003.00	990.058.00
25,4	9,5	68,2	706.095.11	806.095.11	906.095.11				791.007.00	990.004.00
25,4	12,7	70,7	706.127.11	806.127.11	906.127.11			990.422.00	791.002.00	990.058.00
25,4	12,7	86,6				906.627.11	806.627.11	990.423.00	791.003.00	990.058.00
38,1	12,7	94				906.629.11	806.629.11	990.423.00	791.003.00	990.058.00
50,8	12,7	103,7				906.630.11	806.630.11	990.423.00	791.003.00	990.058.00
10 pcs. in masterpack										
25,4	9,5	68,2		806.095.11-X10						
25,4	12,7	70,7		806.127.11-X10			806.627.11-X10			
38,1	12,7	94					806.629.11-X10			

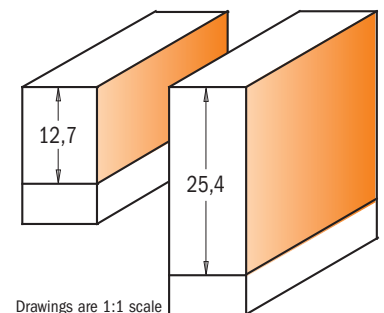
Spare parts 991.057.00 3/32" hex key for screw (990.058.00)
991.062.00 2,5mm hex key for screw (990.004.00)

Flush trim bit set



806

Indispensable in any shop, the new 3 piece flush trim bit set gives you the option to trim laminates or do template work conveniently.



Drawings are 1:1 scale

DESCRIPTION	BITS SIZES mm	ORDER NO. S=Ø6,35mm
Flush trim bit set	9,5x12,7 - 9,5x25,4 - 19x25	806.001.11

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

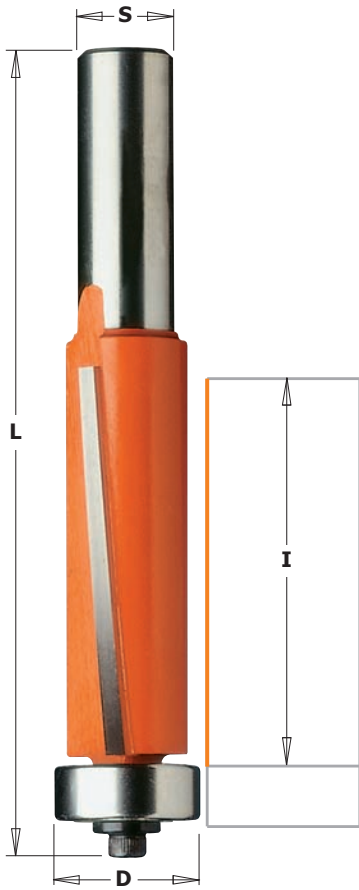
Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

Super-duty flush trim bits

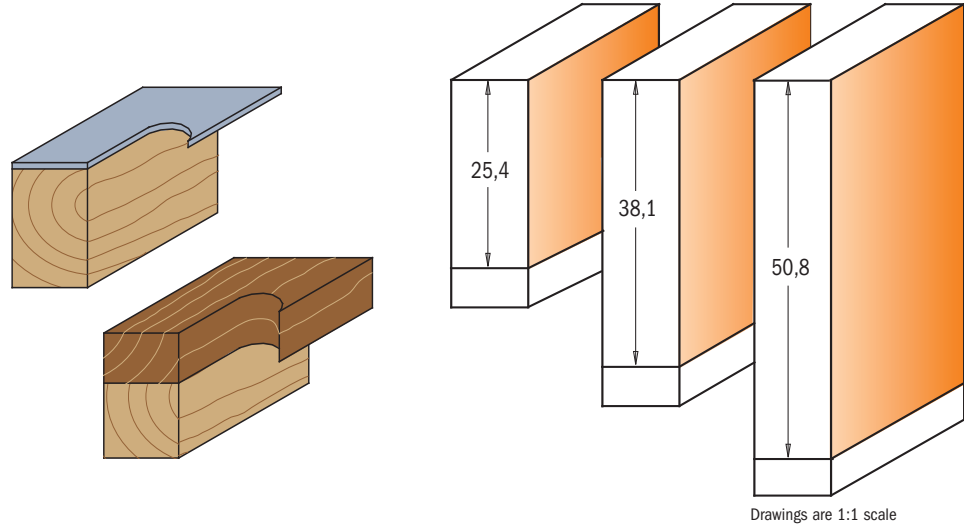


7/8/906



These new super duty bits represent the finest of the extensive line of CMT flush trim bits with ball bearing guides. A negative shear angle cutting edge and 19mm cutting diameter set CMT flush trim bits apart from standard bits. Work quickly and safely to get a superior finishing with absolute minimal chipping.

Safety tips: dust and chips from laminate materials are hazardous to your health and safety. Always wear a dust mask and eye protection when routing.

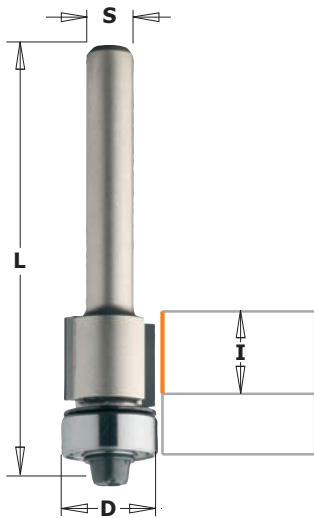


Drawings are 1:1 scale

I mm	D mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
25,4	19	73,9	706.191.11	806.191.11	906.191.11					
25,4	19	80,2				906.691.11	806.691.11	791.004.00	541.550.00	990.058.00
38,1	19	92,9				906.692.11	806.692.11	791.004.00	541.550.00	990.058.00
50,8	19	105,6				906.690.11	806.690.11	791.004.00	541.550.00	990.058.00

Spare parts **991.057.00** 3/32" hex key

DP Flush trim bits for laminates

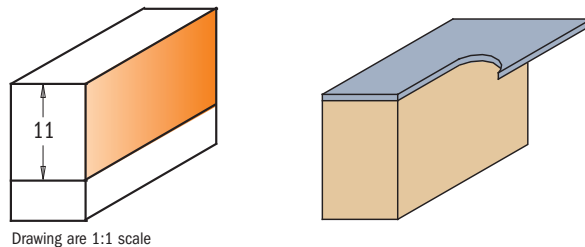


7/8/906 **X-TREME**



These new super duty DP (polycrystalline diamond) bits represent the ultimate in the extensive line of CMT flush trim bits. Investing in CMT DP flush trim bits to save time and money, as they last at least 40 times longer than conventional carbide tipped flush trim bits.

40X
LONGER LIFE
THAN CARBIDE



Drawing are 1:1 scale

I mm	D mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	Spare parts				
11	12,7	58,1	706.128.61	806.128.61	906.128.61					990.423.00 791.003.00 990.058.00 991.057.00

Double-bearing spiral flush trim bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

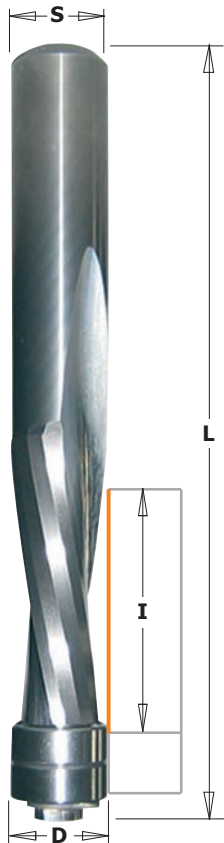
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

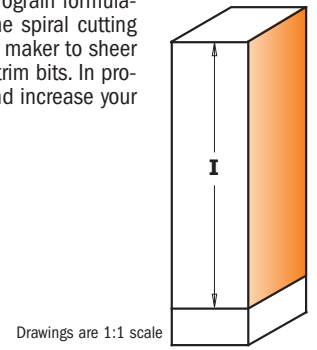
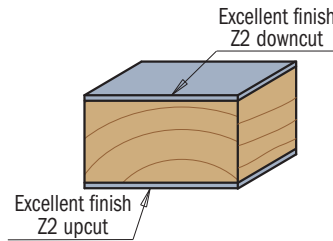
Power Tools & Accessories

Display Cabinets



190B-191B-192B

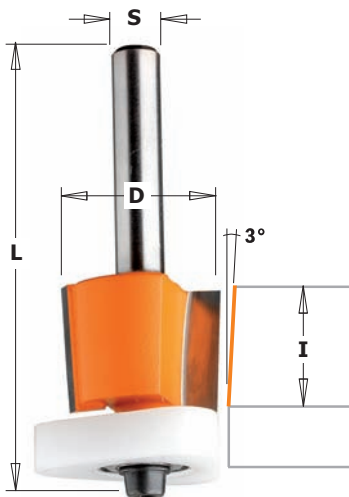
The new CMT solid carbide spiral flush trim bits are manufactured with a special super-micrograin formula that has increased hardness with a higher transverse rupture point. Combined with the spiral cutting angle, the new CMT solid carbide spiral flush trim bits with double bearing allow the cabinet maker to shear wood and wood products cleanly, providing more efficient chip ejection than standard flush trim bits. In production settings these new bits will run cooler and the edges will stay sharper, last longer and increase your shop productivity.



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts	
Z2+2 upcut & downcut spiral bit								
12,7	42	114			190.127.11B	190.508.11B	791.010.00	541.301.00
Z2 upcut spiral bit								
6,35	25,4	76,2	191.064.11B	191.008.11B			791.035.00	541.350.00
12,7	31,7	89				191.505.11B	791.010.00	541.301.00
12,7	50,8	114			191.127.11B	191.507.11B	791.010.00	541.301.00
Z2 downcut spiral bit								
12,7	31,7	89				192.505.11B	791.010.00	541.301.00
12,7	50,8	114			192.127.11B	192.507.11B	791.010.00	541.301.00

3-in-1 flush trim bit for laminates



7/8/907



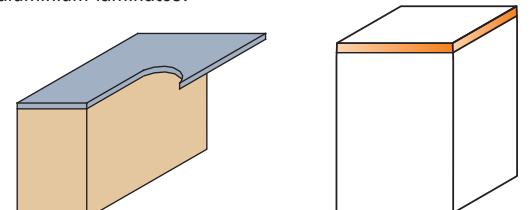
The new 3-in-1 flush trim bits with Delrin® triangular bearings is your best partner for laminate trimming. In fact it solves 3 of the most common problems that may occur during flush trimming in cabinet shops:

- 1) the freezing of the bearings from glue; in fact the Delrin® with his anti-stick properties greatly reduces the likelihood of bearing failure;
- 2) the extended guide surface of the new Delrin® bearing will perfectly match the work surface without scratching like the steel bearing and guarantees the maximum stability;
- 3) The shear angle cutting edge reduces the need for filing.

3-in-1 bits are ideal on plastic laminates, as well as on aluminium laminates!

Patent pending

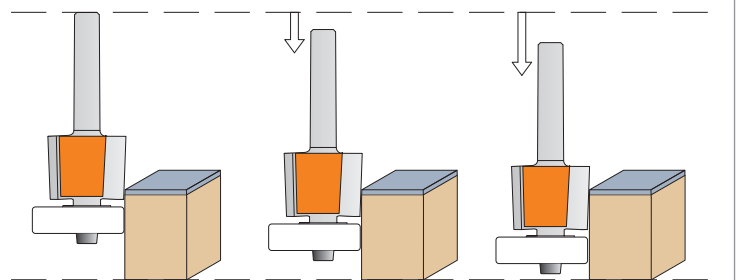
- extended guide surface
- non freezing
- non scratch surface



Drawing are 1:1 scale

Perfect trimming with the conical edges!

Thanks to the innovating conical edges of this bit you will always get perfect cuts even after resharpening. In fact the most popular problem you have with the standard flush trim bits is the undersize diameter after resharpening, which leaves the mark on the material; now with the new CMT construction you could resharpen up to six times without any problem. Remember to adjust your bit up or down as illustrated.



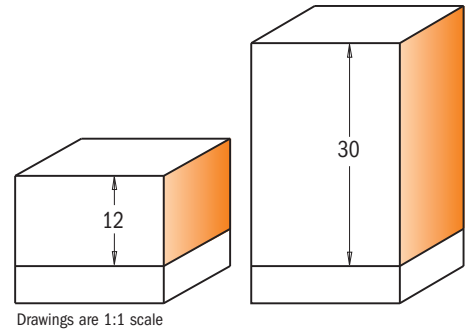
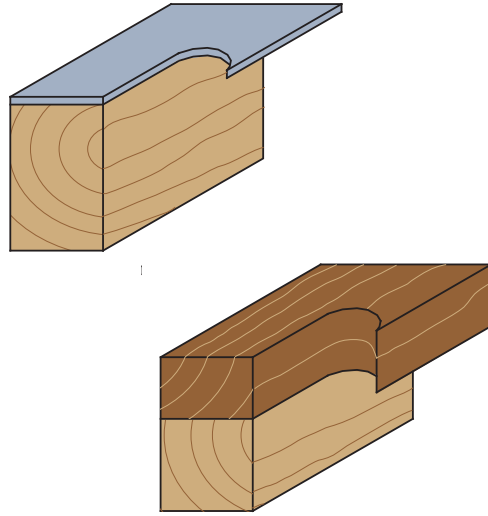
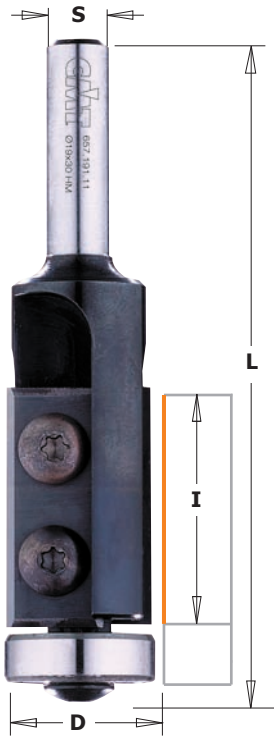
I mm	D mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts			
12,7	12,7	54,2	707.128.11	807.128.11	907.128.11					
15,87	19	59,3	707.190.11	807.190.11	907.190.11		990.422.00	791.042.00	990.058.00	991.057.00
15,87	19	65,7				807.690.11	990.423.00	791.043.00	990.058.00	991.057.00
							990.423.00	791.043.00	990.058.00	991.057.00

Flush trim bits with insert knives



657.1

Flush trim bits with two replaceable knives fixed by special Torx screws. The blades are 2 sided sharpened and can give extra new edges. Guided flush trim bits type 657 are equipped with the ball bearing guides.



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
19	12	56	657.194.11	657.192.11	657.190.11	
19	30	74	657.195.11		657.191.11	
19	30	87				657.692.11

Spare parts

790.120.00	990.075.00	991.061.00	791.007.00
790.300.00	990.075.00	991.061.00	791.007.00
790.300.00	990.075.00	991.061.00	791.007.00

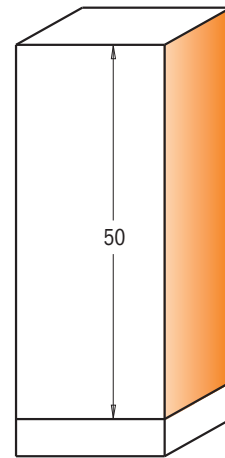
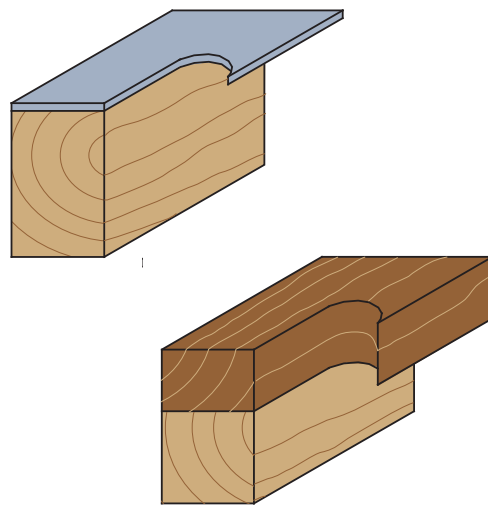
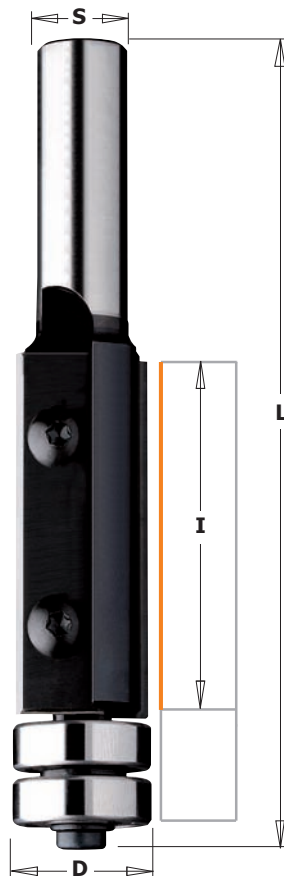
Spare parts
 990.410.00 Ø4,2/Ø9mm shield for M4 screws
 990.052.00 M4x6mm TCEI screws
 991.067.00 3mm hex key

Flush trim bits with insert knives



657.9

Flush trim bits with two replaceable knives fixed by special Torx screws. The blades are 2 sided sharpened and can give extra new edges. Guided flush trim bits type 657 are equipped with the double ball bearing guides.



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
19	50	112	657.991.11	657.992.11

Spare parts

790.500.00	990.075.00	991.061.00	791.007.00

Spare parts
 990.410.00 Ø4,2/Ø9mm shield for M4 screws
 991.067.00 3mm hex key

990.052.00 M4x6mm TCEI screws
 541.514.00 Ø6,4mm shield

Pattern/Flush trim bits with insert knives

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

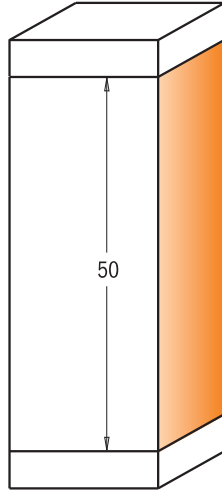
Power Tools & Accessories

Display Cabinets

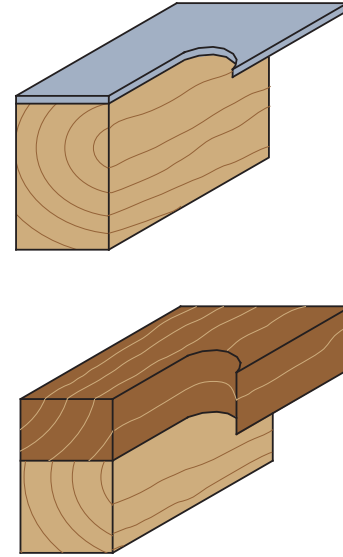


657B

Flush trim bit combined with pattern bit fixed by special Torx screws. The blades are 2 sided sharpened and can give extra new edges. Guided flush trim bits type 657 are equipped with the top and bottom ball bearing guides. For flush and finishing operations.



Drawing are 1:1 scale



D mm	I mm	L mm	ORDER NO. S=Ø12mm
19	50	110	657.993.11B

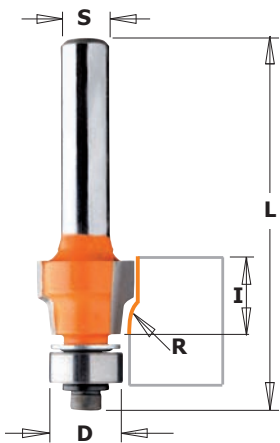
Spare parts

790.500.00	990.075.00	791.007.00	990.052.00	791.011.00	541.002.00

Spare parts 990.410.00 Ø4,2/Ø9mm shield for M4 screws
991.067.00 3mm hex key

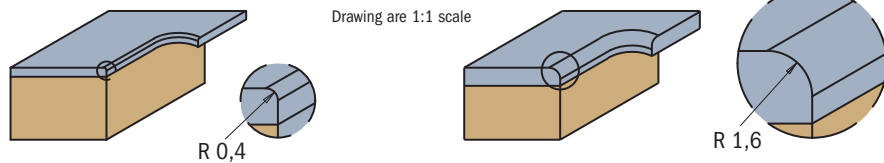
991.061.00 T15 Torx key
991.056.00 1,5mm hex key

FILE-FREE Flush trim bits for laminate



807

This new CMT's bit is perfect for ensuring smooth flawless results on your laminate surfaces after flush trimming. Sharp edges are easily trimmed away, leaving your surfaces nice and smooth to the touch. No further filing is needed!



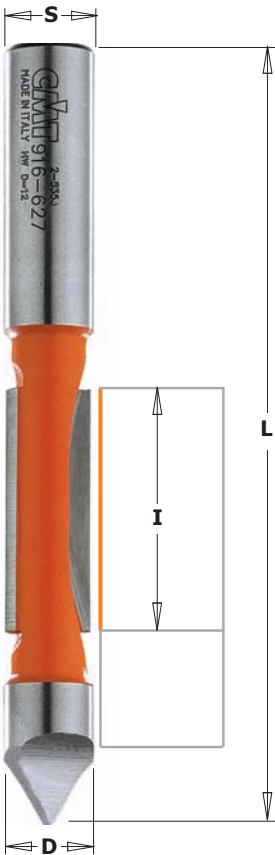
Drawing are 1:1 scale

D mm	I mm	R mm	L mm	ORDER NO. S=Ø6,35mm
12,7	9,5	0,4	52	807.004.11
12,7	9,5	1,6	52	807.015.11

Spare parts

990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Panel pilot bits with guide

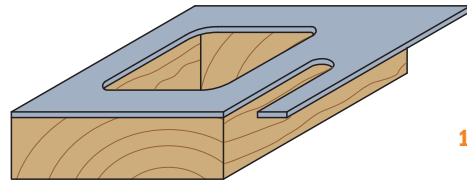


7/8/916



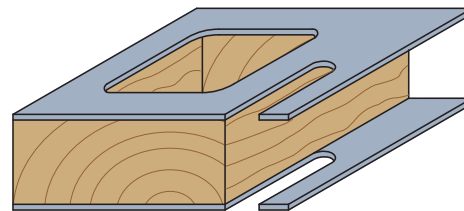
How much time do you end up spending making openings in paneling, drywall, siding, doors or windows? With the CMT panel pilot bit, the job just got quicker. The point plunges smoothly and easily and the carbide edges cut clean and fast. All of this adds up to accurate cuts in less time and with less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

Safety Tips: Always use extra caution when working near electrical outlets and boxes - always disconnect the current. Make sure the bit does not go so deep as to cut the wires.

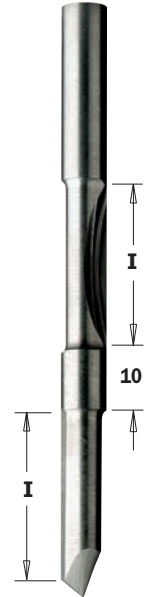


10 pcs. in masterpack

A unique and time saving bit, the CMT Double Panel Pilot Bit is perfect for making openings and slots in veneers and laminates. The lower portion of the cutting edge is located under the bearing and allows you to cut on both sides of the material. Durable carbide tipped cutters are spaced 12mm apart and each cutter can work in stock up to 18mm thick.



716.061



• HWM

D mm	I mm	L mm	Z	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
6	19	64	1	716.060.11				
•6	19	60	1	716.060.21				
•6	18+18	70	1+1	716.061.11				
6,35	19	64	1		816.064.11			
8	19	64	1			916.080.11		
9,53	25,4	78	2		816.095.11			
12	31,7	102	2				916.627.11	
12,7	31,7	102	2					816.627.11
10 pcs. in masterpack								
12,7	31,7	102	2					816.627.11-X10

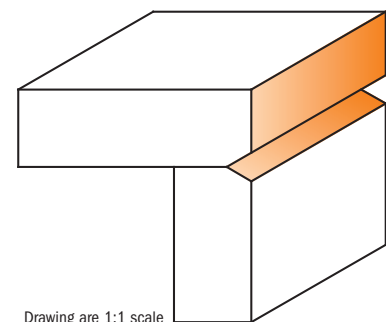
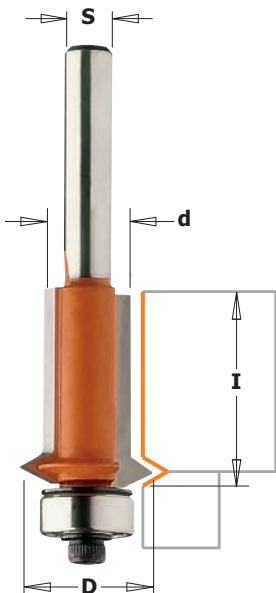
Panel pilot bits with guide

7/8/953



An absolutely indispensable bit for making cabinets. CMT Flush and V-Groove bits allow you to make cabinet front frames in 25mm stock that fit perfectly with the sides. The added V-cutter feature makes a decorative groove along the hinge joint to hide the seam.

Shop Tip: For best results, leave less than 3mm overhang on cabinet front frames for easier routing.



Drawing are 1:1 scale

Spare parts



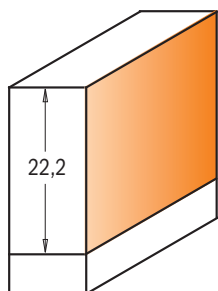
d mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	
12,7	19	25,4	753.001.11	853.001.11	953.001.11	953.501.11	853.501.11	990.423.00 791.003.00 990.058.00 991.057.00

The CMT grand rabet set

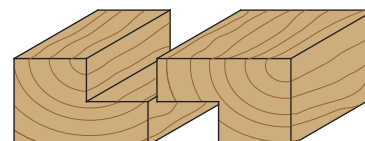
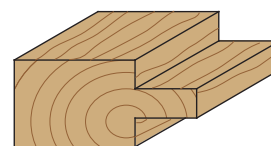


8/935.503

Your choice of "The Grand Rabet" by CMT is an investment that shows your commitment to quality. This CMT product will deliver years of reliable service under normal use. For safe and trouble-free results please observe the following instructions and safety precautions. The complete kit (item code 835-935.503.11), will enable you to produce 17 different rabet sizes including rabbets for under-size plywood applications. For rabet sizes over 12,7mm (1/2"), make the cuts in several shallow passes until the desired depth is achieved. Available in 12 and 12,7mm shanks.



Collar order no.
799.517.00



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

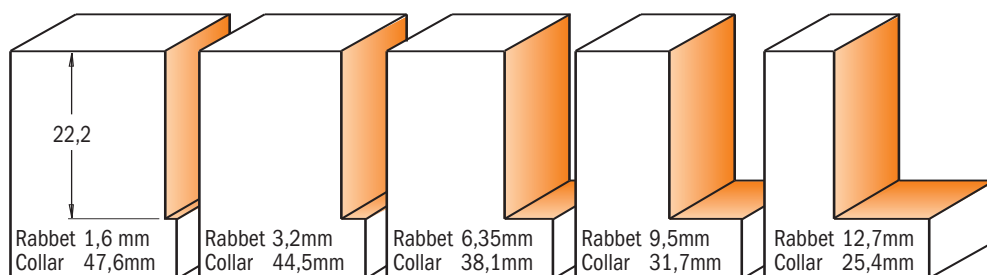
Display Cabinets

S

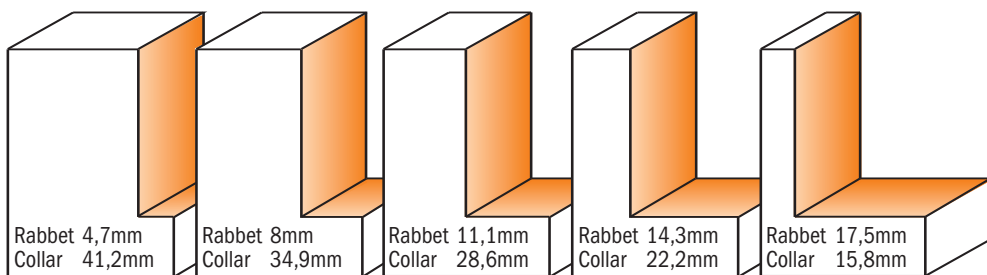
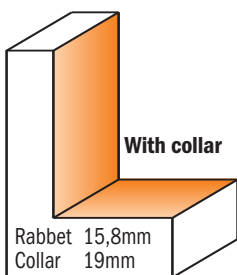
8/935.990



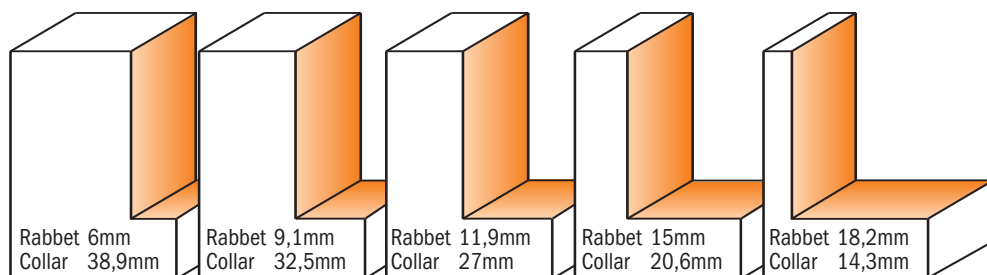
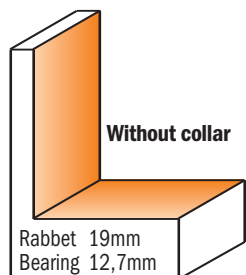
Order no. 791.705.00



Order no. 791.706.00



Order no. 791.707.00



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
The CMT grand rabet set (Ø50,8x22,2mm)	935.503.11	835.503.11
SET CONTAINS: The grand rabet (bit only) with collar Ø19mm	935.990.11	835.990.11
5 pcs. collar set (1,6 - 3,2 - 6,35 - 9,5 - 12,7mm rabbets)		791.705.00
5 pcs. collar set (4,7 - 8 - 11,1 - 14,3 - 17,5mm rabbets)		791.706.00
5 pcs. collar set (6 - 9,1 - 11,9 - 15 - 18,2mm rabbets)		791.707.00
Collar Ø50,8mm		799.517.00
Kit with screw, shields and keys		990.452.00

Rabbeting bits

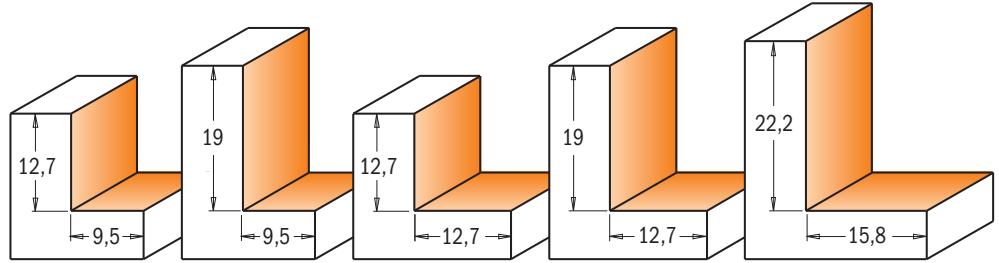


7/8/935

CMT 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 19mm (3/4") rabbeting bit.

Other possibilities are illustrated below and on the following pages. Look at our slot cutters and round over bits for ideas on how to put extra finishing touches on all your grooving and rabbeting projects.



Drawings are 1:1 scale

Spare parts



H mm	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	990.423.00	791.003.00	990.058.00
9,5	31,7	12,7	58,4	735.317.11	835.317.11	935.317.11					
9,5	31,7	12,7	61,2				935.817.11	835.817.11	990.423.00	791.003.00	990.058.00
9,5	31,7	19	64,8	735.318.11		935.318.11			990.423.00	791.003.00	990.058.00
12,7	34,9	12,7	59,4	735.350.11	835.350.11	935.350.11	935.850.11	835.850.11	990.422.00	791.002.00	990.058.00
12,7	34,9	19	65,8				935.851.11	835.851.11	990.422.00	791.002.00	990.058.00
16	50,8	22	77,8				935.990.11	835.990.11	990.408.00	791.010.00	990.058.00

- Spare parts**
- 991.057.00** 3/32" hex key
 - 799.503.00** 19,05mm bushings
 - 541.514.00** 2mm spacer (8/935.990.11)

Rabbeting sets



7/8/935.001

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.

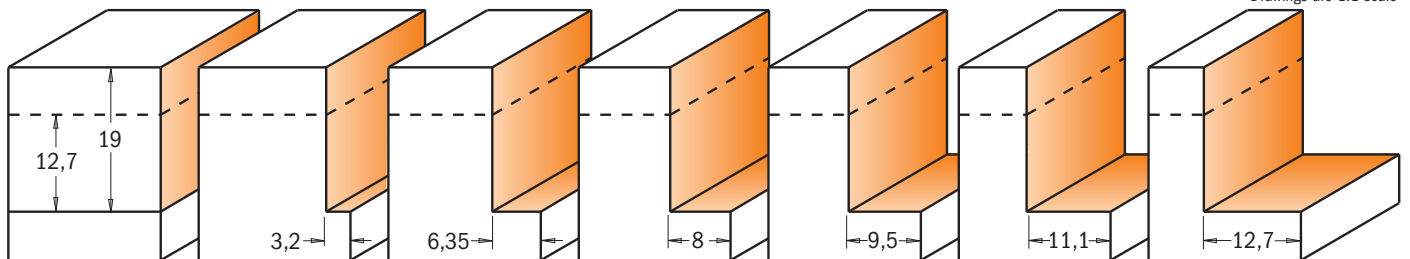


791.703.00



BE SURE to keep the black bearing washer right side up to correspond with the bearing rotation when re-assembling the bearing. Improper re-assembly can cause the screw to come loose. Each set comes complete with one rabbeting bit and six interchangeable ball bearing guides.

Drawings are 1:1 scale



H mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
0-12,7	34,9	12,7	735.001.11	835.001.11	935.001.11	935.501.11	835.501.11
0-12,7	34,9	19				935.502.11	835.502.11

Rabbeting bits with insert knives



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

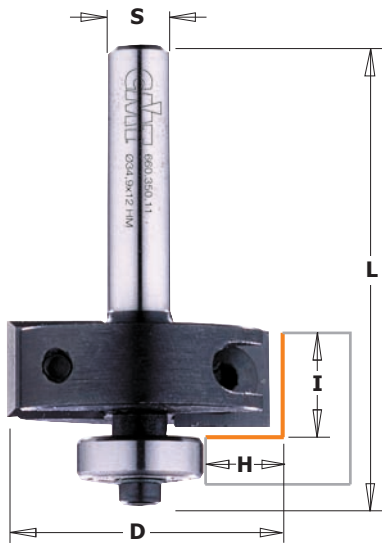
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

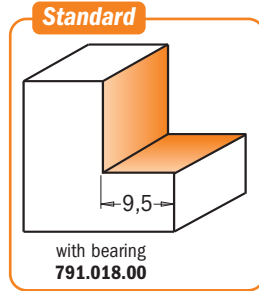
Power Tools & Accessories

Display Cabinets

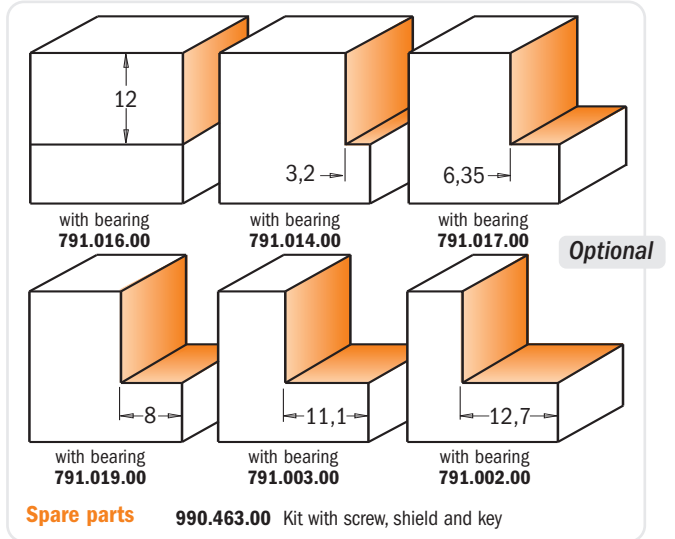


660

Rabbeting bits with two replaceable knives fixed by special Torx screws. The blades are 4 sided sharpened and gives high economy of your work with board materials. Rabbeting bits are equipped with the ball bearing guides for rabbeting width H= 9,5mm. Optionals you can choose bearings for rabbeting width 12,7 - 11,1 - 8 - 6,35 - 3,2 - 0mm. For chipboards, hard wood or MDF. For use on portable Routers.



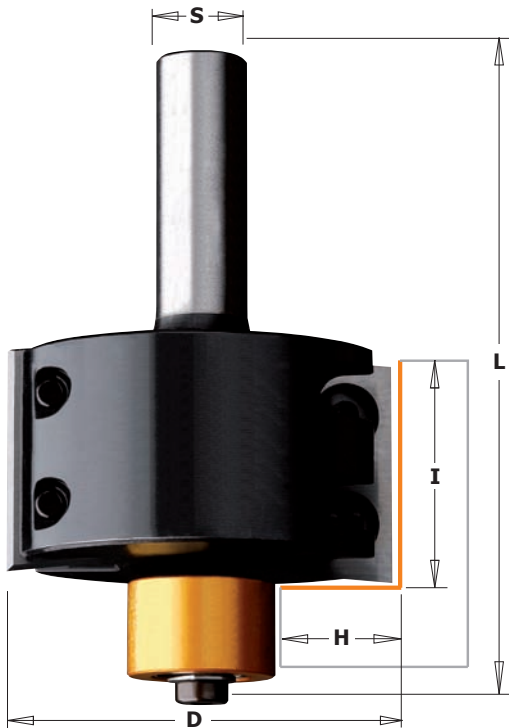
Drawings are 1:1 scale



H mm	D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts			
9,5	34,9	12	55	660.351.11	660.350.11		790.120.00	990.075.00	991.061.00	791.018.00
9,5	34,9	12	65			660.851.11	790.120.00	990.075.00	991.061.00	791.018.00

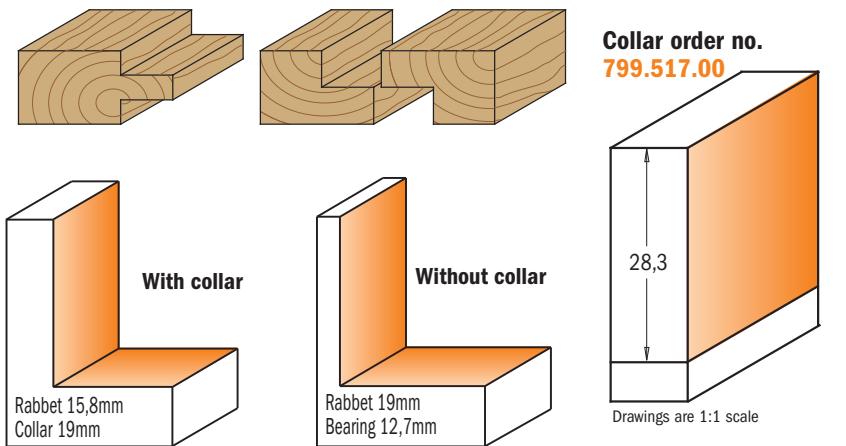
Spare parts 990.400.00 Ø3.2/Ø7mm shield for M3 screw 990.051.00 M3x6mm TCEI screws 990.054.00 M3x16mm TCEI screws
 541.552.00 Ø3.25/Ø15.8mm shield for M3 screw 990.053.00 M3x10mm TCEI screws 991.062.00 Hex key 2,5mm

Grand rabbeting bits with insert knives



660.9

Your choice of "The Grand Rabbet" by CMT is an investment that shows your commitment to quality. This CMT product will deliver years of reliable service under normal use. The collar sets (791.705.00-791.706.00-791.707.00) will enable you to produce 17 different rabbet sizes including rabbets for under-size plywood applications. For rabbet sizes over 12,7mm (1/2"), make the cuts in several shallow passes until the desired depth is achieved. Available in 12 and 12,7mm shanks.

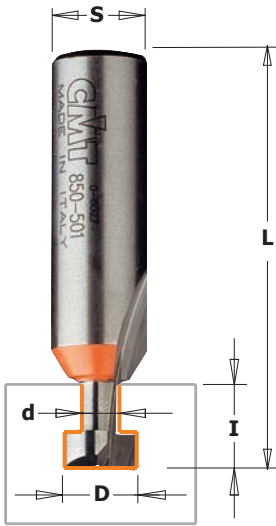


H mm	D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
16	50,8	28,3	87,3	660.990.11	660.991.11	790.283.12	990.075.00	991.061.00	791.010.00

Spare parts 541.514.00 Ø6,4mm stop collar 799.503.00 Ø19,05mm bushings 990.410.00 Ø4.2/Ø9mm shield for M4 screw 990.052.00 M4x6mm TCEI screw 991.067.00 3mm hex key 990.469.00 Kit screw, shield and key

Optional: 799.517.00 Collar for flush trim Ø50,8mm 791.705.00 5 pcs. collar set (1,6-3,2-6,35-9,5-12,7mm rabbets) 791.706.00 5 pcs. collar set (4,7-8-11,1-14,3-17,5mm rabbets) 791.707.00 5 pcs. collar set (6-9,1-11,9-15-18,2mm rabbets)

Keyhole bits



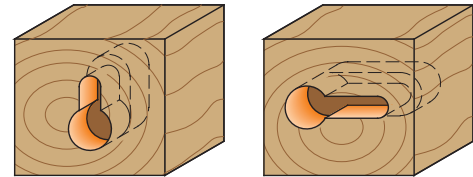
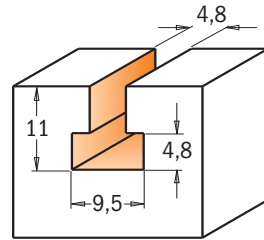
7/8/950.001



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 4,8mm hole and finishes by boring a larger opening under the surface. The perfect way to securely mount wall hangings on screws and nails.

Safety Tips: Be sure the workpiece is securely fastened to the router table or work bench.

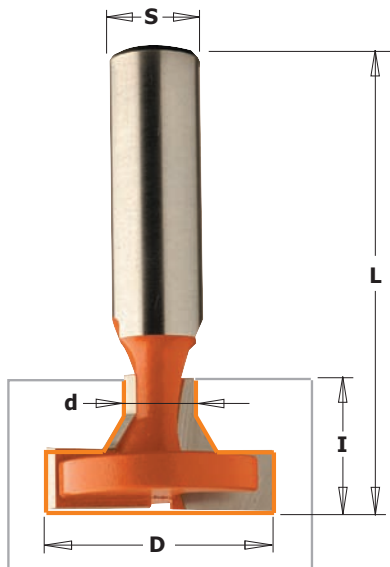
Shop Tips: Recommended for use with a plunge router.



Drawing are 1:1 scale

D mm	d mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
9,5	4,8	11	54	750.001.11	850.001.11	950.001.11	950.501.11	850.501.11

T-Slot bits



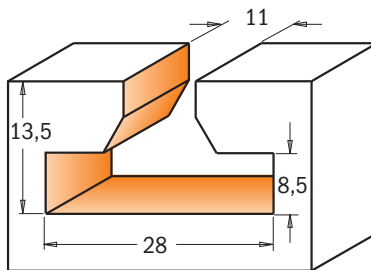
8/950.6



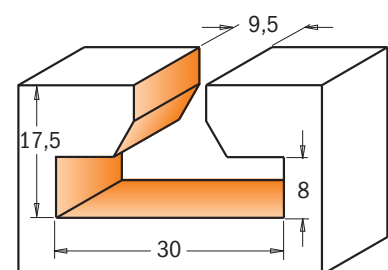
With the CMT keyhole bit you can make holes that keep your frames, plaques or any wall hanging perfectly straight and attached to the wall. The bit bores an entry hole in the wood, then proceeds to cut a 4,8mm hole and finishes by boring a larger opening under the surface. The perfect way to securely mount wall hangings on screws and nails.

Safety Tips: be sure the workpiece is securely fastened to the router table or work bench.

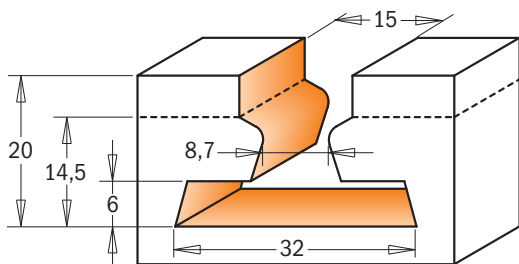
Shop Tips: recommended for use with a plunge router.



8/950.603

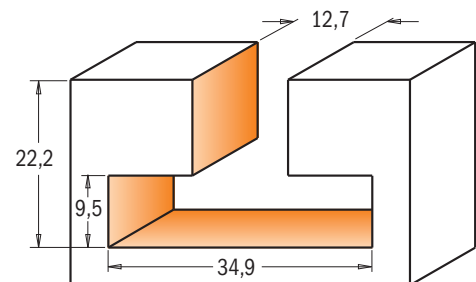


8/950.601



950.604

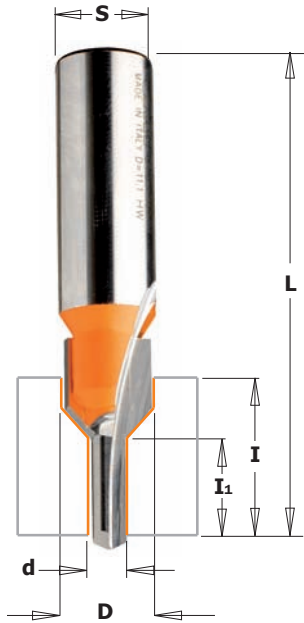
Drawings are 1:1 scale



8/950.602

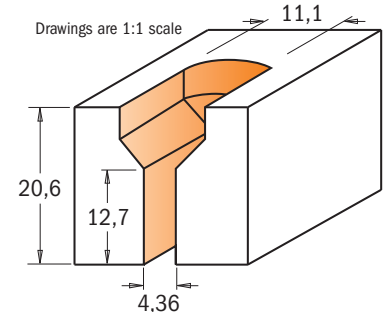
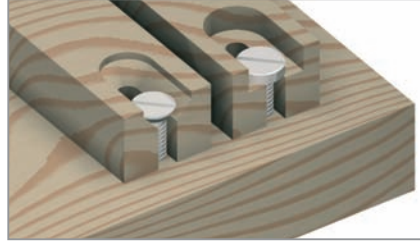
D mm	d mm	I mm	L mm	Z	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
28	11	13,5	56,3	2	950.603.11	850.603.11
30	9,5	17,5	60,3	2	950.601.11	850.601.11
32	8,7-15	20	66	1+1	950.604.11	
34,9	12,7	22,2	63,5	2	950.602.11	850.602.11

Screw slot bits



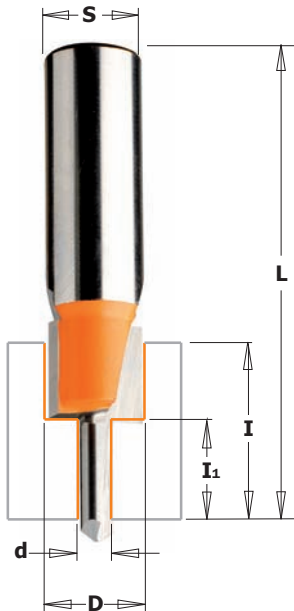
813.701 - 913.201

Any large panel or table top should be secured in a way that allows it to expand or contract without splitting. These screw-slot bits let you create screw slots so that panels can be held in place but are able to slide back and forth without splitting the wood or breaking the screw securing them.



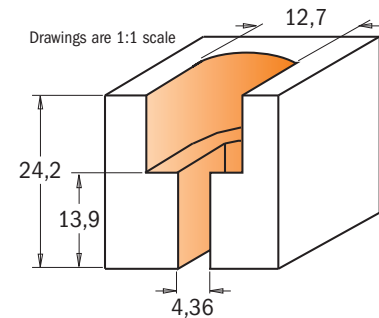
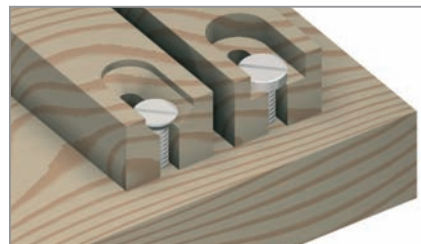
D mm	d mm	I ₁ mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
11,1	4,36	12,7	20,6	63,5	913.201.11	813.701.11

Screw slot bits



813.601 - 913.101

Both have 8mm or 12,7mm shanks and the codes 913.201.11 and 813.701.11 are for counter-sink screws, while the codes 913.101.11 and 813.601.11 are for counterbored screws.



D mm	d mm	I ₁ mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
12,7	4,36	13,9	24,2	63,5	913.101.11	813.601.11

Three wing slot cutter set



8/900.506

Create slots, grooves and rabbets in materials from 3,2mm to 18mm 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.

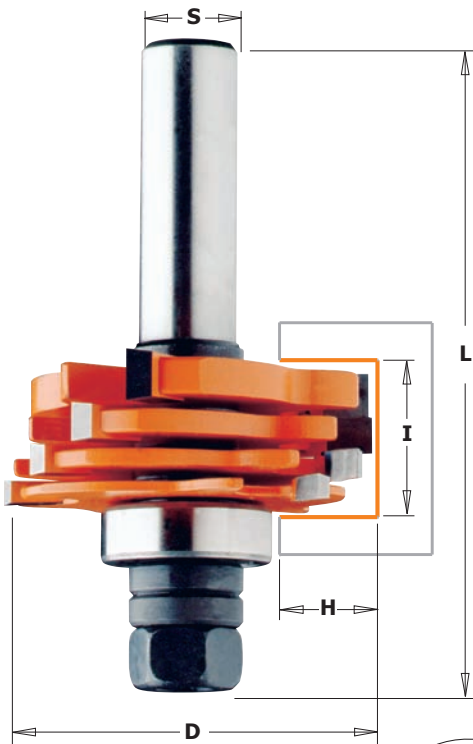
This set includes:

- 4 carbide tipped cutters 3,2mm, 4mm, 4,8mm, 6,4mm
- 1 arbor 12mm or 12,7mm
- 1 ball bearing (22mm) for 12,7mm cut
- 17 shims: (8x0,1mm - 4x0,5mm - 3x1mm and 2x4mm)

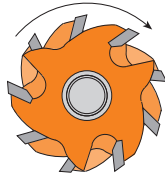
Safety tips: Never use the slot cutter set without shims between the cutters.

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.

Shop tips: The bearings kit **791.711.00** allows to make 6,35 and 9,5mm cutting depth.

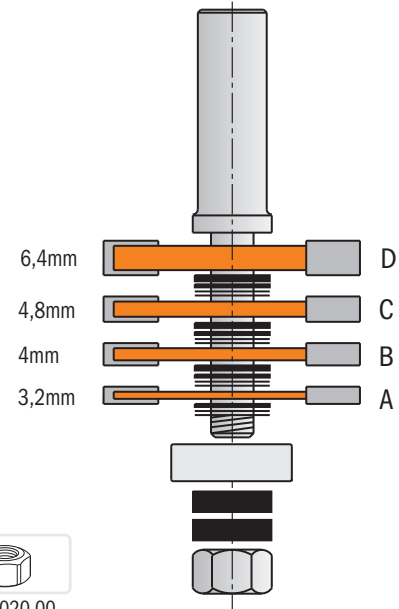


Note: The carbide edges of the cutters should never touch; arrange the shims as illustrated below. Use only the thicknesses provided in the set. Be sure all cutters are assembled in the proper right rotational direction below. Looking down the arbor the cutters will turn clockwise.



Cutter combinations	Cutter height mm	mm
A	3,2	
B	4	
C	4,8	
D	6,4	
A + B	6,4	a 7,1
A + C	7,2	a 7,9
A + D	8,8	a 9,5
B + C	8	a 8,7
B + D	9,6	a 10,3
C + D	10,4	a 11,1
A + B + C	10,4	a 11,8
A + B + D	11,9	a 13,3
A + C + D	12,7	a 14,1
B + C + D	13,5	a 14,9
A + B + C + D	15,9	a 18

Use shims to adjust cut width: MIN.1mm - MAX 1,7mm



I mm	D mm	H mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts	
3,2-18	47,6	12,8	81	900.506.11	800.506.11		
						791.005.00	990.020.00

- Spare parts**
- 824.128.00** Ø12,7mm arbor with shims
 - 924.128.00** Ø12mm arbor with shims
 - 541.515.00** 0,1mm spacer
 - 541.517.00** 0,5mm spacer
 - 541.518.00** 1mm spacer
 - 541.501.00** 4mm spacer
 - 791.711.00** Kit of two bearing 28,5mm and 34,9mm for slot cutter

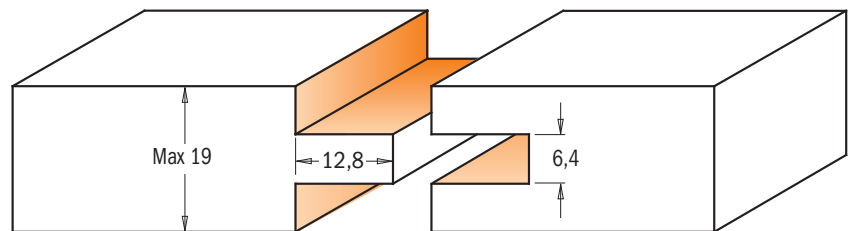
Tongue and groove set



8/900.626



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 19mm thick.



Drawings are 1:1 scale

I mm	D mm	H mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
19	47,6	12,8	71	900.126.11	900.626.11	800.626.11			
							791.005.00	822.364.11	990.020.00

- Spare parts**
- 824.131.00** Ø12,7mm arbor with shims
 - 924.083.00** Ø8mm arbor with shims
 - 924.131.00** Ø12mm arbor with shims
 - 541.515.00** 0,1mm spacer
 - 541.516.00** 0,3mm spacer
 - 541.517.00** 0,5mm spacer
 - 541.518.00** 1mm spacer

Slot cutters

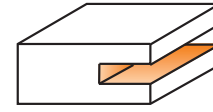
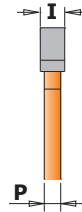
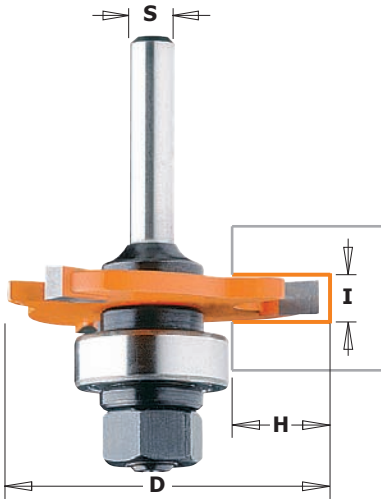


7/8/922A/B

Uses for the CMT three wing 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 and orange CMT trademark non-stick PTFE coating.

CMT slot cutters are available as a blade only or with your choice of a 6, 8, 12, 6,35 or 12,7mm diameter arbor which includes a 22mm diameter bearing for a cutting depth of up to 12,7mm.

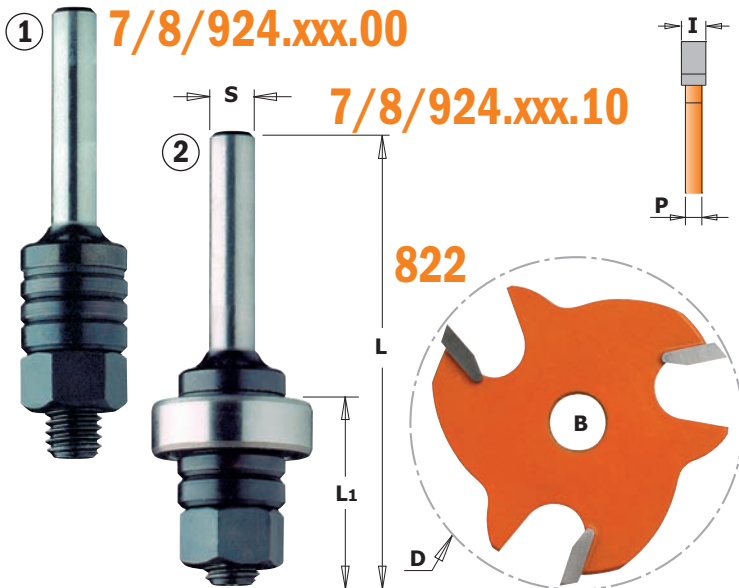
Note: For biscuit joints, use l=4mm slot cutter.



Drawing are 1:1 scale

I mm	P mm	D mm	H mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
1,5	1,07	47,6	12,8	722.315.11A		922.315.11A	922.315.11B	
1,6	1,07	47,6	12,8		822.316.11A			822.316.11B
2	1,27	47,6	12,8	722.320.11A	822.320.11A	922.320.11A	922.320.11B	822.320.11B
2,4	1,27	47,6	12,8		822.324.11A			822.324.11B
2,5	1,27	47,6	12,8	722.325.11A		922.325.11A	922.325.11B	
3	1,27	47,6	12,8	722.330.11A		922.330.11A	922.330.11B	
3,2	1,27	47,6	12,8		822.332.11A			822.332.11B
3,5	2,07	47,6	12,8	722.335.11A		922.335.11A	922.335.11B	
4	2,07	47,6	12,8	722.340.11A	822.340.11A	922.340.11A	922.340.11B	822.340.11B
4,8	2,86	47,6	12,8		822.348.11A			822.348.11B
5	2,86	47,6	12,8	722.350.11A		922.350.11A	922.350.11B	
6	4,45	47,6	12,8	722.360.11A	822.360.11A	922.360.11A	922.360.11B	822.360.11B
6,4	4,45	47,6	12,8		822.364.11A			822.364.11B

These three wing carbide tipped Slot Cutters feature anti-kickback three wing blade design and CMT's trademark orange P.T.F.E. Industrial Coating. All cutters feature an 8mm bore that fits CMT's arbors (items 7/8/924).



I mm	P mm	D mm	B mm	ORDER NO.
1,5	1,07	47,6	8	822.315.11
1,6	1,07	47,6	8	822.316.11
1,8	1,27	47,6	8	822.318.11
2	1,27	47,6	8	822.320.11
2,2	1,27	47,6	8	822.322.11
2,4	1,27	47,6	8	822.324.11
2,5	1,27	47,6	8	822.325.11
2,8	1,27	47,6	8	822.328.11
3	1,27	47,6	8	822.330.11
3,2	1,27	47,6	8	822.332.11
3,5	2,07	47,6	8	822.335.11
4	2,07	47,6	8	822.340.11
4,8	2,86	47,6	8	822.348.11
5	2,86	47,6	8	822.350.11
6	4,45	47,6	8	822.360.11
6,4	4,45	47,6	8	822.364.11

DESCRIPTION	L ₁ mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
① Slot cutter arbor without bearing	26	61	724.060.00	824.064.00	924.080.00		
① Slot cutter arbor without bearing	26	67,5				924.120.00	824.127.00
② Slot cutter arbor with bearing	26	61	724.060.10	824.064.10	924.080.10		
② Slot cutter arbor with bearing	26	67,5				924.120.10	824.127.10
Slot cutter arbor without bearing, long series	40	86			924.083.00		
Slot cutter arbor with bearing, long series	40	86			924.083.10		

Spare parts
791.005.00 Ø8-22mm bearing
541.501.00 4mm spacer
541.500.00 3mm spacer

541.518.00 1mm spacer
990.020.00 M8 nut

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

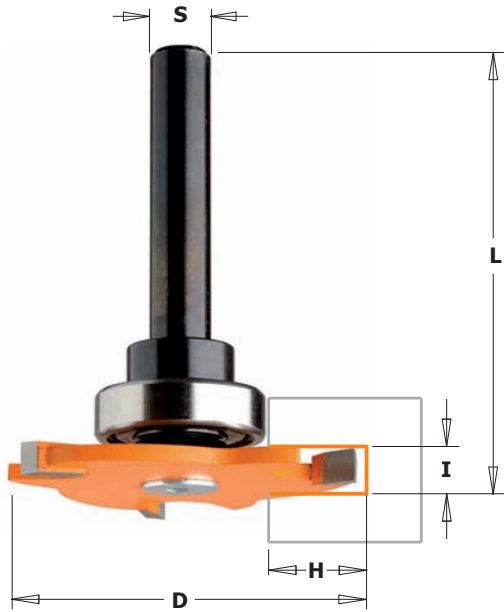
Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

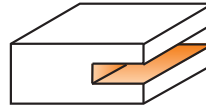
Slot cutters



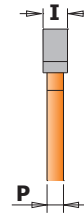
923A - 823B



The possible uses of this bit are almost: you can rout grooves and rabbets, T or dovetail joints on wood panels. Each bit has three carbide tipped cutters and has an orange coloured PTFE coating, it features anti-kickback design too. The 22mm bearing is included for a cutting depth of 12,8mm. The bit and the slot cutter are available also separately.

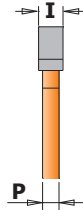
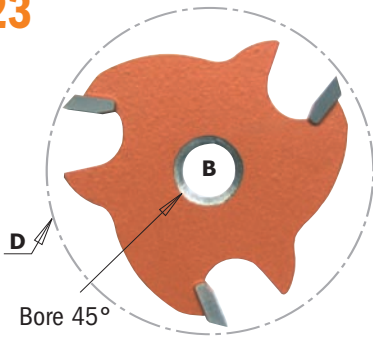


Drawings are 1:1 scale



I mm	P mm	D mm	H mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
3	1,27	47,6	12,8	58	923.330.11A	
3,2	1,27	47,6	12,8	58,2		823.332.11B
4	2,07	47,6	12,8	58,4	923.340.11A	823.340.11B
5	2,86	47,6	12,8	63	923.350.11A	
6,4	4,45	47,6	12,8	64,4		823.364.11B

823



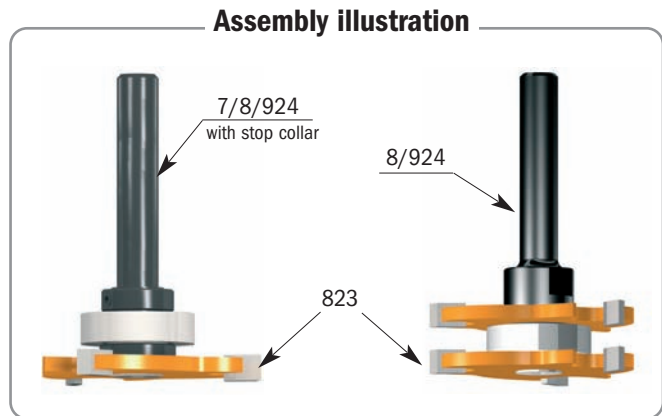
These three wing carbide tipped slot cutters feature anti-kickback three wing blade design and CMT's trademark orange PTFE Industrial Coating. All cutters feature an 8mm bore that fits CMT's arbors (items 7/8/924).

I mm	P mm	D mm	B mm	ORDER NO.
3	1,27	47,6	8	823.330.11
3,2	1,27	47,6	8	823.332.11
4	2,07	47,6	8	823.340.11
5	2,86	47,6	8	823.350.11
6,4	4,45	47,6	8	823.364.11

7/8/924



8/924



DESCRIPTION	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
① Slot cutter arbor without bearing without stop collar	724.061.00	824.061.00	924.081.00	824.121.00
① Slot cutter arbor with bearing and stop collar	724.061.10	824.061.10	924.081.10	824.121.10
② Slot cutter arbor without bearing			924.082.00	824.122.00
② Slot cutter arbor with bearing			924.082.10	824.122.10

Spare parts **791.012.00** Ø8-22mm bearing
541.001.00 Stop collar for Ø6,35mm shanks
541.002.00 Stop collar for Ø12,7mm shanks
791.013.00 Ø12,7-22mm bearing

541.003.00 Stop collar for Ø6mm shanks
541.004.00 Stop collar for Ø8mm shanks
541.515.00 0,1mm spacer
541.516.00 0,3mm spacer

541.517.00 0,5mm spacer
541.518.00 1mm spacer
990.055.00 M5x12mm TSPEI screw

Flooring router bits



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

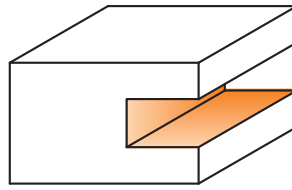
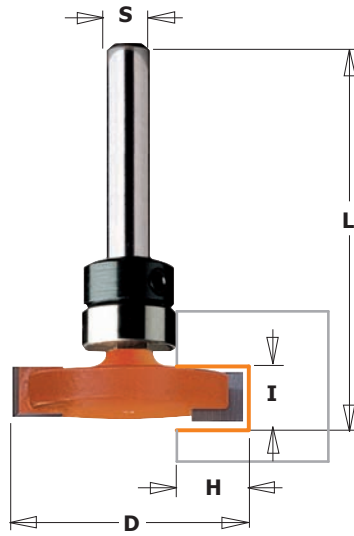
Power Tools & Accessories

Display Cabinets

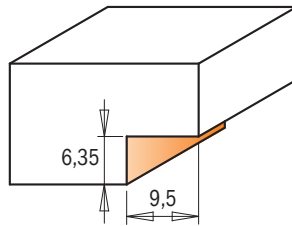


822.023B - 024B

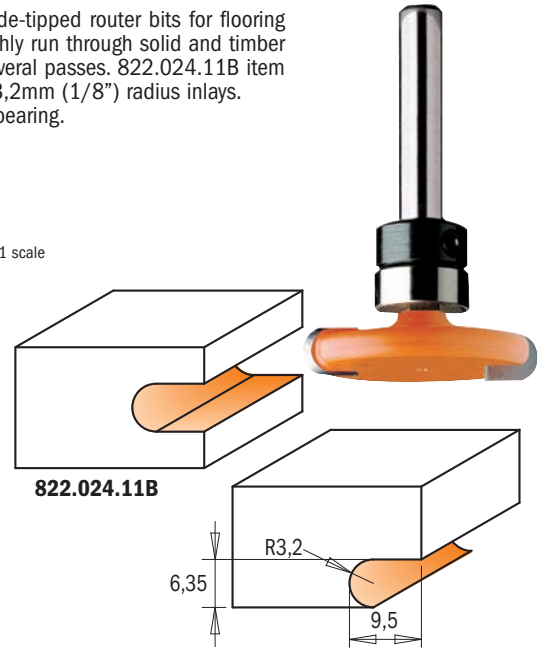
CMT now offers you these industrial quality carbide-tipped router bits for flooring and inlay applications. They can easily and smoothly run through solid and timber wood while cutting edges keep sharp still after several passes. 822.024.11B item number also features rounded edges to produce 3,2mm (1/8") radius inlays. These bits are equipped with a stop collar and a bearing.



Drawings are 1:1 scale



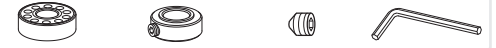
822.023.11B



822.024.11B

D mm	I mm	H mm	R mm	L mm	ORDER NO. S=Ø6,35mm
31,75	6,35	9,5		47,6	822.023.11B
31,75	6,35	9,5	3,2	47,6	822.024.11B

Spare parts



791.010.00	541.001.00	990.005.00	991.056.00
791.010.00	541.001.00	990.005.00	991.056.00

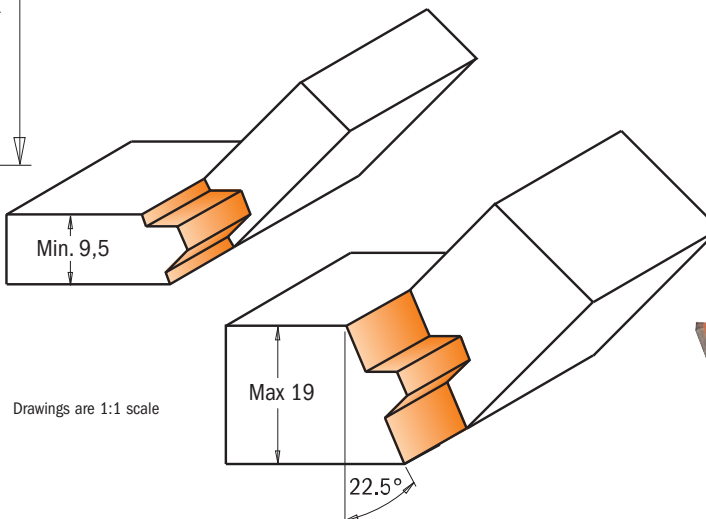
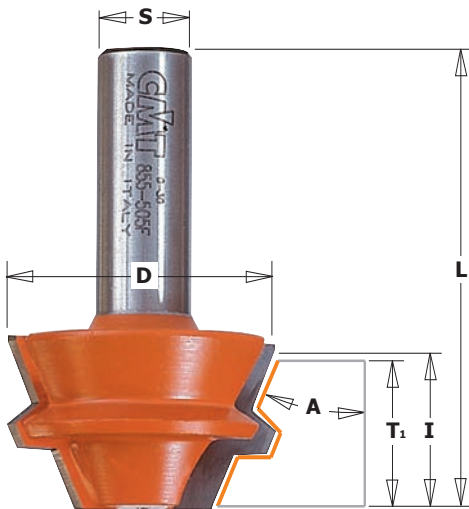
Lock miter set



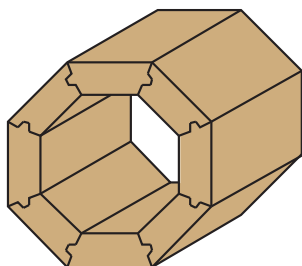
8/955

Now you don't have to fight with those awkward clamps on your 22,5° projects. Use this pair of bits to produce octagonal shaped boxes and popular corner cabinetry like corner cabinets for kitchens, entertainment centres, kitchen islands and corner hutches. This 22,5° Lock Miter set provides a strong tight joint when you want to join wood at 45° angles.

Biscuits and splines are time-consuming to make and difficult to clamp. CMT's matched pair of cutters makes set-up easy. Height adjustment is not critical with this matched pair; simply adjust your fence so the top edge of the work piece intersects the angle of the bit where it meets the fence. After your joints are machined they can be glued and assembled and simply clamped by using strapping tape.

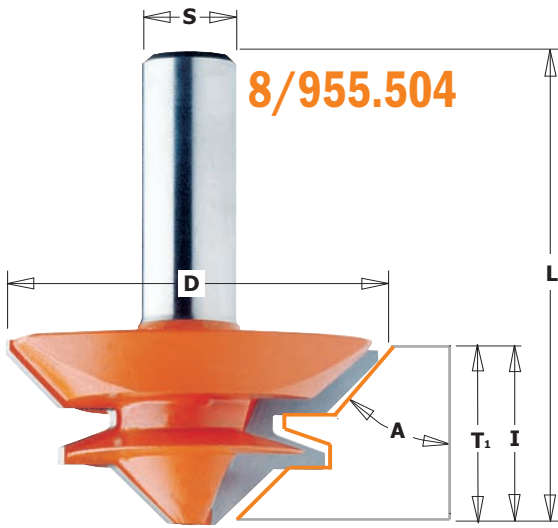


Drawings are 1:1 scale



D mm	I mm	A	T ₁ mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
37,3	22,2	22,5°	9,5 ÷ 19	60,3	955.005.11	855.505.11

Lock miter bits



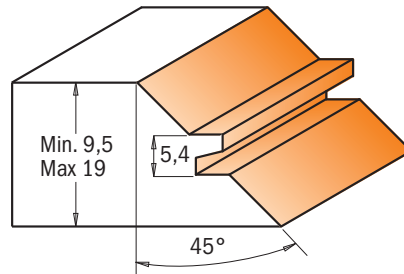
8/955.504



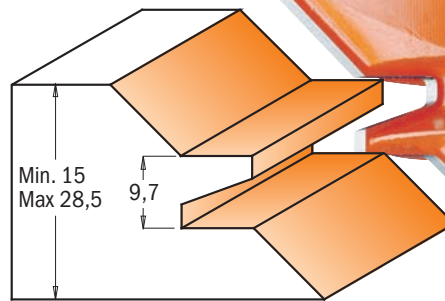
CMT lock miter bits are ideal for milling miter joints in 28,5mm stock. The quick and easy way to accurately create boxes, stretcher bars, frames and any assortment of right angle or parallel joint projects.

To produce perfectly fitting miter joints, lay one piece with the inside face-down on the work table and the wood centred to the bit. Mill as shown in step 1 of the illustration below. Mill the second piece with the inside face placed vertical to the bit and fence, as shown in step 2.

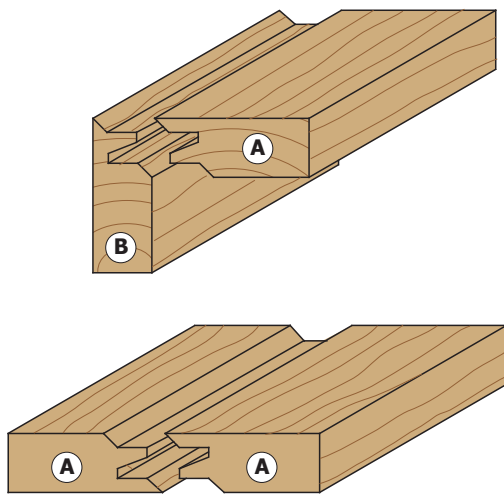
To mill sturdy parallel glue joints follow step 1 shown in the illustration with the inside face of the workpiece laid flat on the table and centred to the bit. To make the second part, lay the workpiece flat on the table and centred to the bit. Mill with the inside face-up.



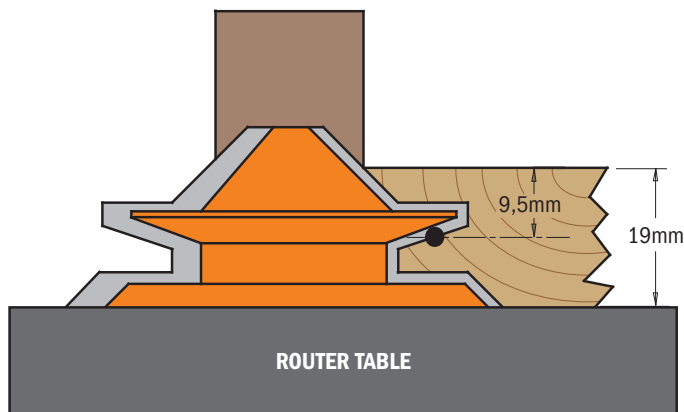
8/955.503



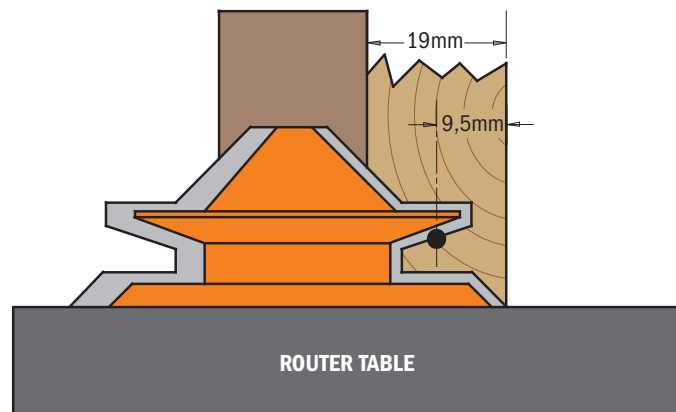
Drawings are 1:1 scale



For miter and parallel glue joints using 19mm board



Nr. 1: Rout one piece with the inside face flat on the router table. Be sure the cut is centred to the stock.



Nr. 2: Rout the second piece with the inside face vertical to the fence.

D mm	I mm	A	T ₁ mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
70	31,7	45°	15 ÷ 28,5	69,9	955.503.11	855.503.11
50,8	22,2	45°	9,5 ÷ 19	60,3	955.504.11	855.504.11

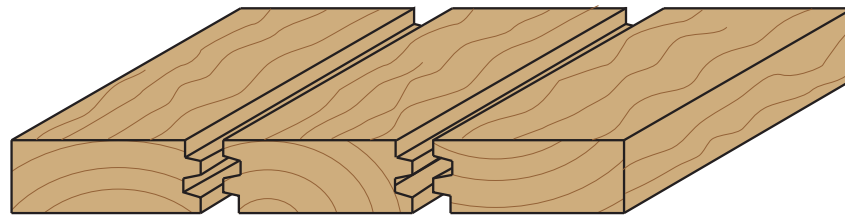
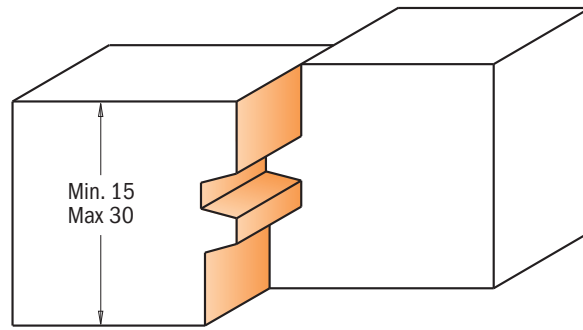
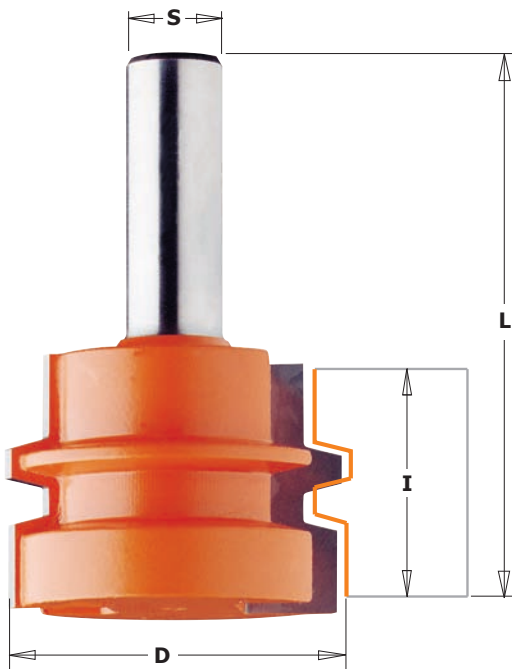
Reverse glue joint bits



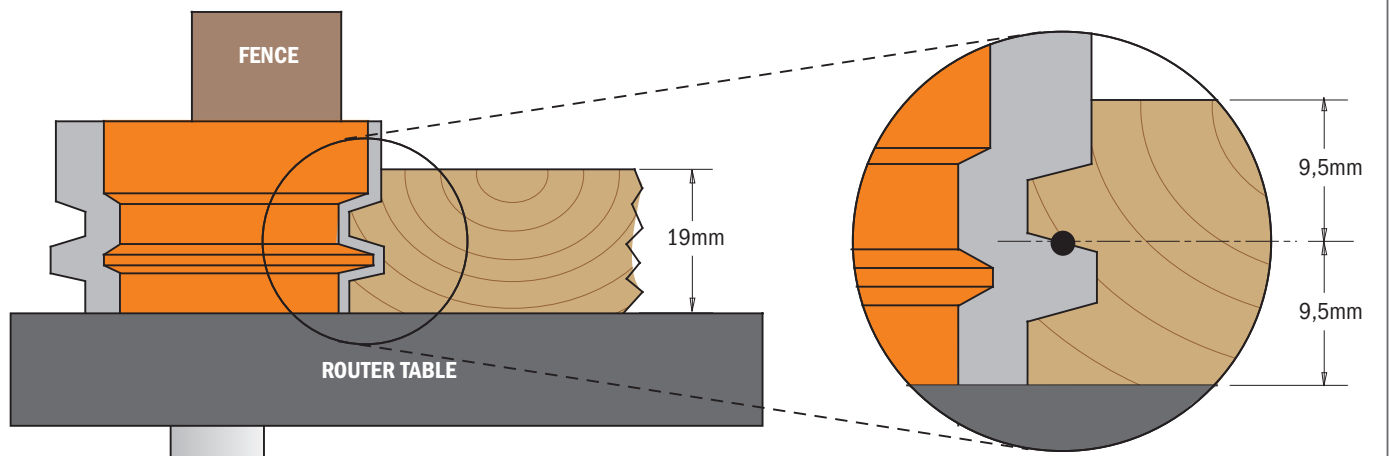
8/955.501

The most unique and important characteristic of this CMT bit is its capacity to produce an almost indestructible glue joint quickly and without error. Ideal for routing wide dimension panels, doors and furniture pieces. By accurately centering the bit to the wood, the upper and lower vertical cutting edges of the bit will cut equal proportions. Simply run one edge of the panel, turn the panel over, and then run the opposite edge - you will produce perfectly harmonized reverse cuts that match up to make flawless joints.

Shop tips: When glueing, apply enough pressure to securely seal the joint. Insufficient pressure results in a weak joint and excessive pressure will distort the wood.



In this example we have used a 19mm board



To accurately centre the wood to the bit: Adjust the bit according to the thickness of the wood you are cutting. Line up the cut edge of the wood to the centre point of the bit as illustrated in the enlarged drawing. The upper and lower vertical cutting edges of the bit are in proportion and at an equal distance from the centre point of the bit. Run one cut edge of the wood, turn the piece over and run the other edge for exact reverse cuts that match up perfectly. Assemble the reverse cut pairs together for beautiful, strong joints.

D mm	I mm	T ₁ mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm
44,4	32	15 - 30	70,1	955.501.11	855.501.11

Saw blades

Tools with bore & knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

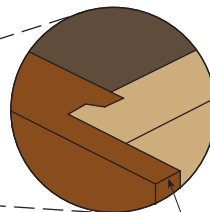
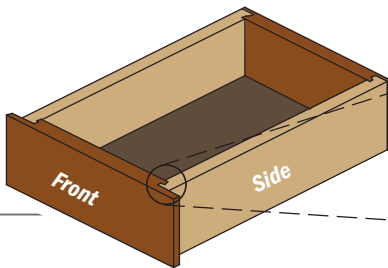
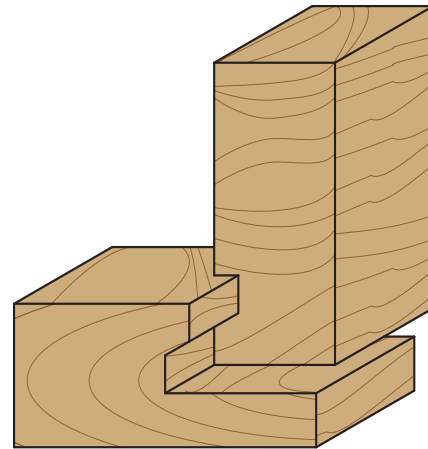
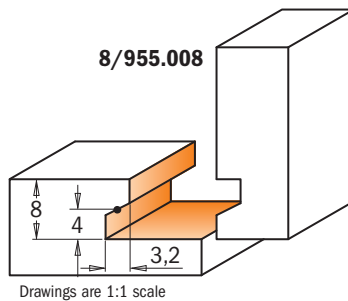
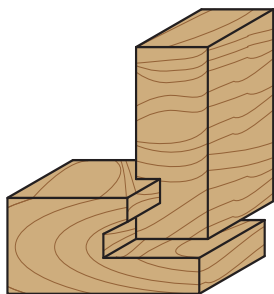
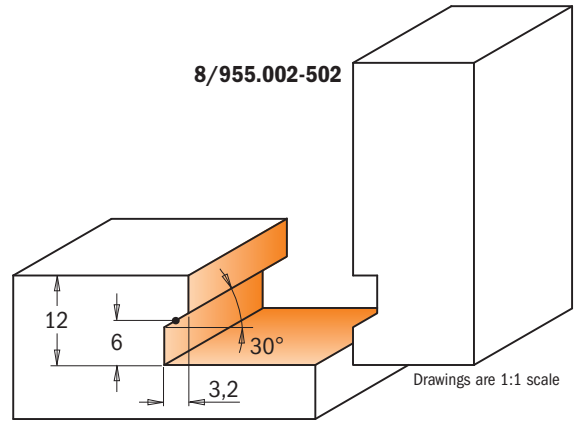
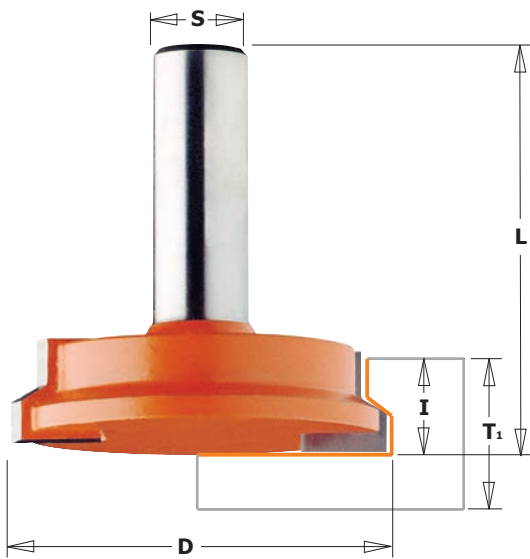
Display Cabinets

Drawer lock bits

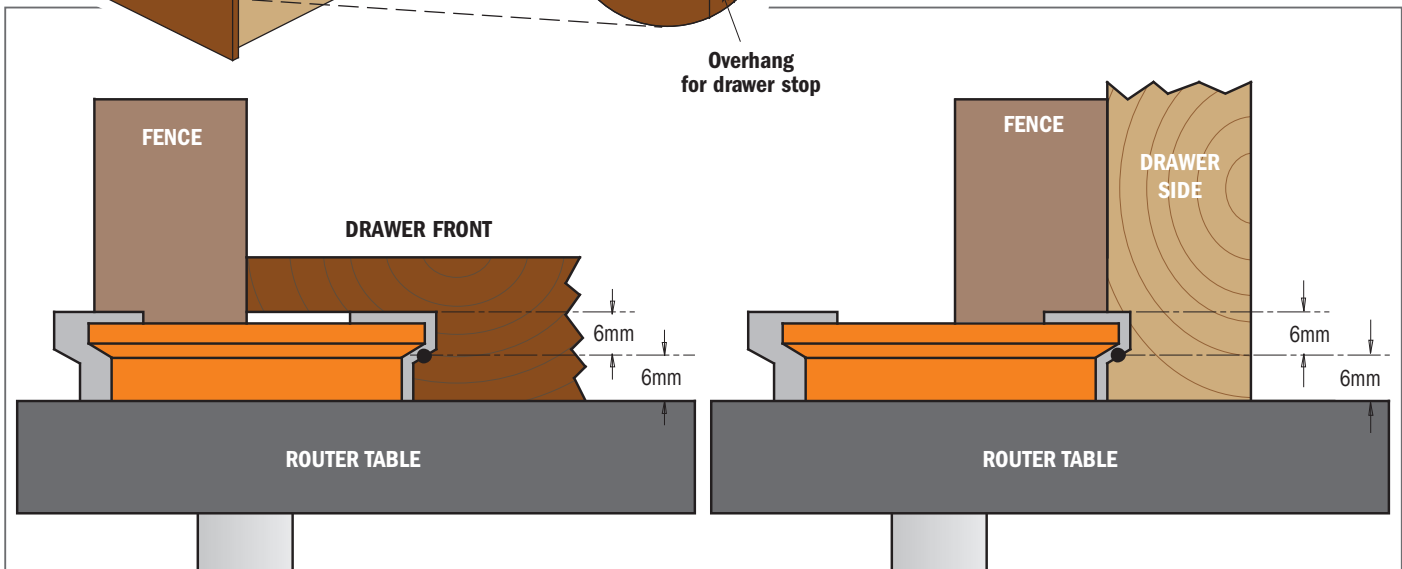


855.508 - 955.008
7/8/955.002 - 8/955.502

The key to success when constructing quality drawers is in the quality of the drawer lock bit you use. With CMT drawer lock bits you can make strong, perfectly fitting joints quickly and easily. As illustrated below, mill the drawer front with the inside face-down on the work table. Mill the sides of the drawer with the inside face placed vertical to the bit and fence, and perpendicular to the table. These bits are to be used on router tables only and are not to be used on hand-held routers.



Overhang for drawer stop



D	T ₁		I	L	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
mm	min. mm	max. mm	mm	mm	S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12mm	S=Ø12,7mm
25,4	9,5	15,87	12,7	54			955.008.11		
25,4	9,5	15,87	12,7	60,4					855.508.11
31,7	15,87	25,4	12,7	44,5	755.002.11	855.002.11	955.002.11		
50,8	15,87	25,4	12,7	50,8				955.502.11	855.502.11

V-Tongue and groove set



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

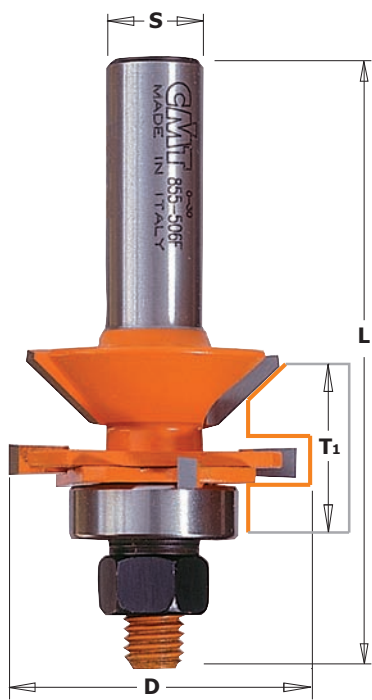
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

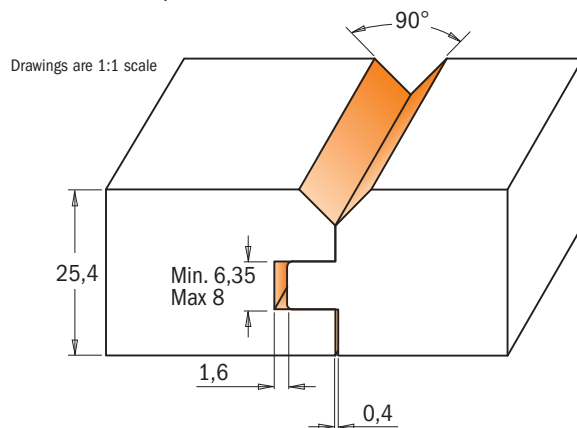


8/955.506



If the standard selection of molding and mill work you find in today's lumber shops isn't satisfactory to your woodworking tastes, then look to CMT's molding system instead. With these bits, you can make dozens of elaborate profiles by combining two or more passes. Avoid the average and create your own moldings. Some initial suggestions are illustrated below.

Safety tips: Use these bits with a fence. The profiles shown below are milled from heavy stock then refined to the desired shape.



D mm	T ₁ mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
44,4	19÷25,4	75,5	955.506.11	855.506.11

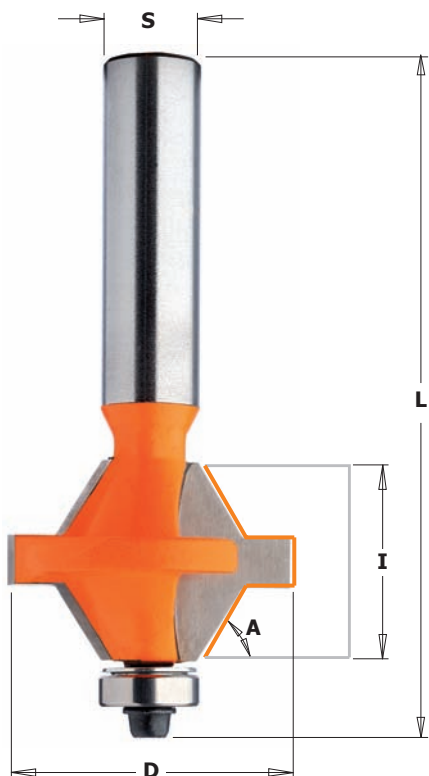
Spare parts

822.013.11	822.014.11	791.011.00	791.005.00	990.020.00

Spare parts 541.515.00 0,1mm spacer
541.516.00 0,3mm spacer

541.517.00 0,5mm spacer
990.407.00 Shield

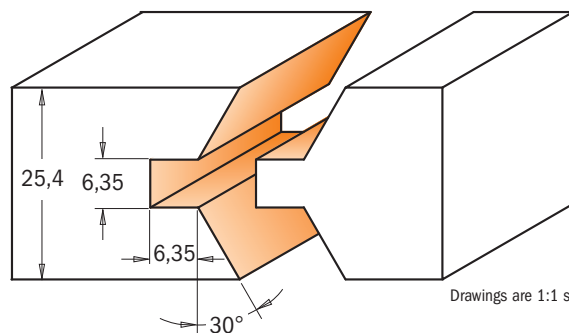
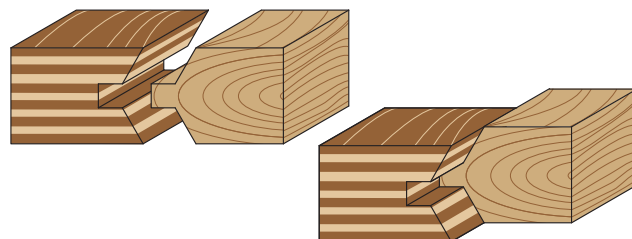
Edge Banding bits set



8/955.510



This is a great set to create economical but attractive and durable edge to your cabinet doors. Use 1/2" or 1" thick panels in plywood or MDF and create your own edge banding from the wood of your choice. Easy to use: just center each cutter on the stock and make the cut; glue together the two pieces and flush trim it after assembly if necessary. The set features a 60° tongue & groove for a large surface area for glue.



Drawings are 1:1 scale

D mm	I mm	A	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
40	25,4	30°	74,5	955.510.11	855.510.11

Spare parts

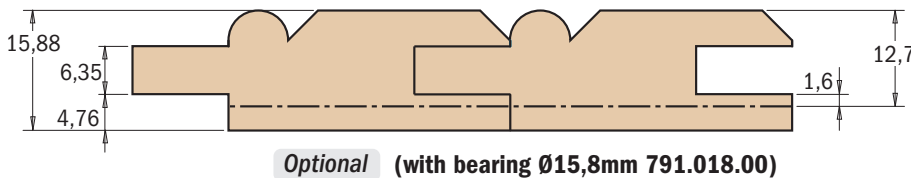
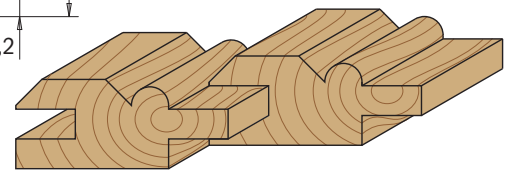
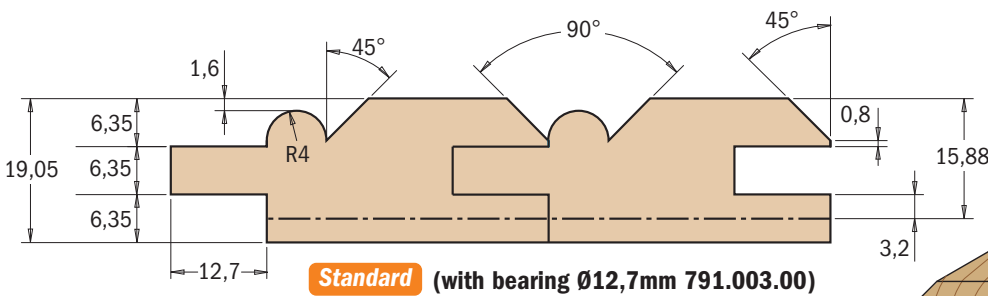
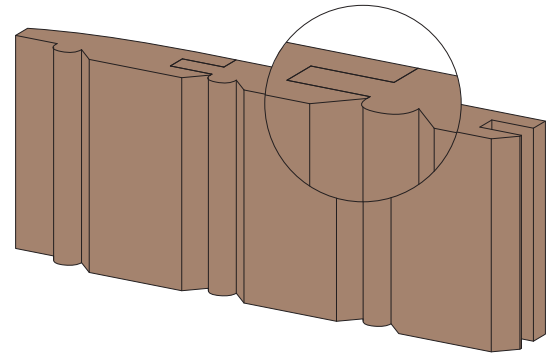
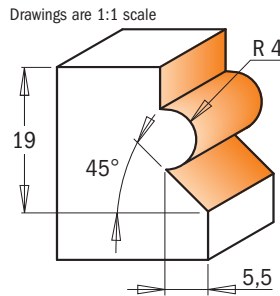
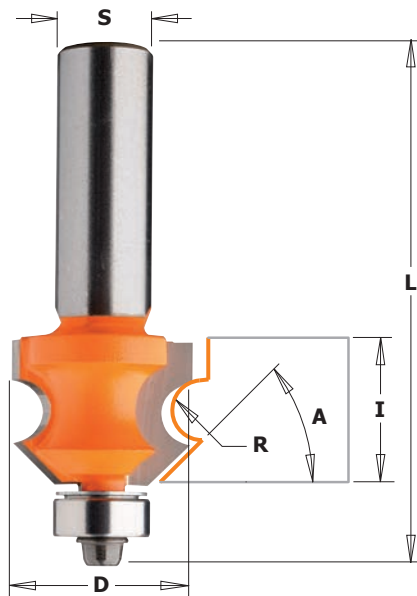
990.423.00	791.018.00	990.058.00	991.057.00

Wainscot/paneling bits



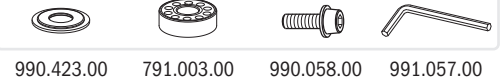
8/961.6

This new router bit designed for 19mm (3/4") thick stock is perfect for creating wainscots and panels on your walls. Simply create a 6,35mm (1/4") tongue-and-groove interlock with a CMT 8/900.626.11, then, with two passes mill an attractive traditional beadboard profile with this new bit. Perfect for cabinets, bookcase backings, ceiling and wall paneling.



D mm	I mm	R mm	A	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
23,8	19,05	4	45°	67,7	961.601.11	861.601.11

Spare parts



Corner beading bit with 45° chamfer

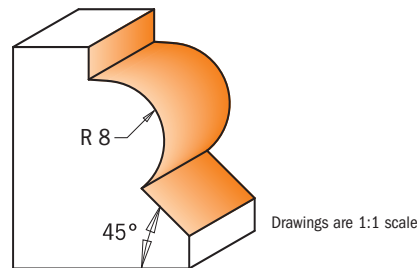
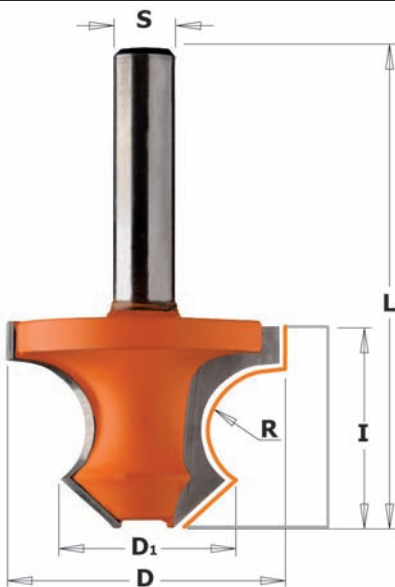
new



954

An innovative bit to create beautiful edges and corner beads.

Safety tips: to be used only on CNC machines or router tables equipped with a fence.



D mm	D ₁ mm	I mm	R mm	L mm	ORDER NO. S=Ø8mm
36	22	25	8	60	954.080.11

Finger joint bit

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

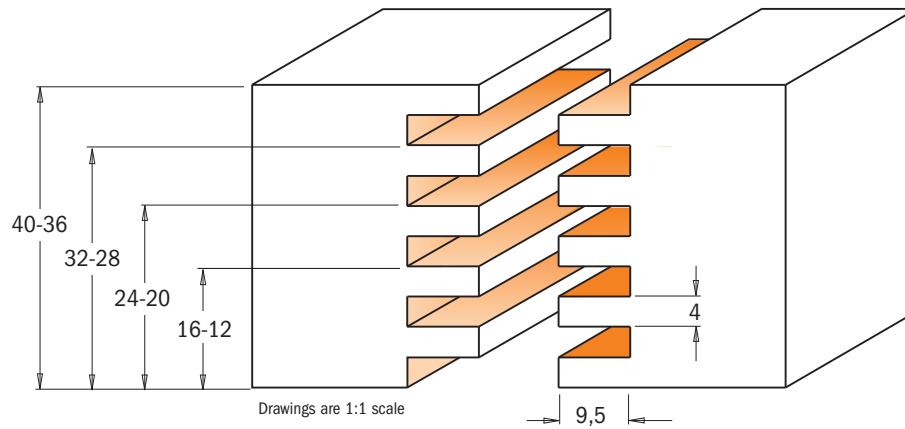
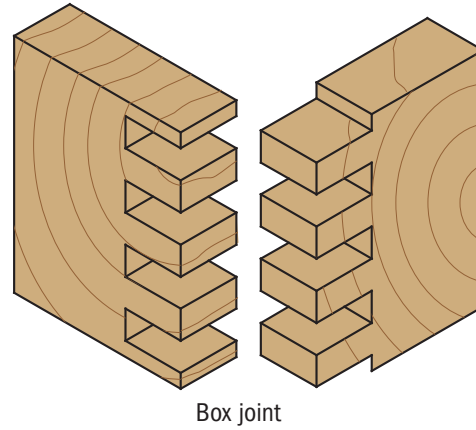
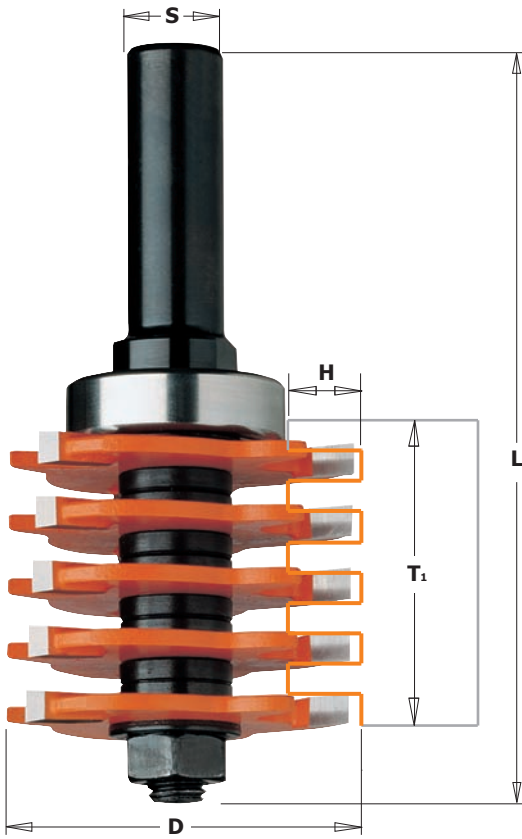
Power Tools & Accessories

Display Cabinets

8/900.616



This router allows you to carry out accurate and functional finger joints in a much easier way. Without any adjustment you will be able to work woods with different thicknesses as indicated in the drawing. The bearing allows you to reach a 9,5mm cutting depth. For further cutting depths you need to use a fence.



T ₁ mm	D mm	H mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts				
12 - 40	47,6	9,5	97	900.616.11						
12 - 40	47,6	9,5	97		800.616.11	924.130.00	791.027.00	822.340.11	990.020.00	
						824.130.00	791.027.00	822.340.11	990.020.00	

Spare parts

- 541.515.00** 0,1mm spacer
- 541.519.00** 5,8mm spacer
- 990.403.00** 1,6mm washer
- 990.459.00** Kit with spacers

Optional:

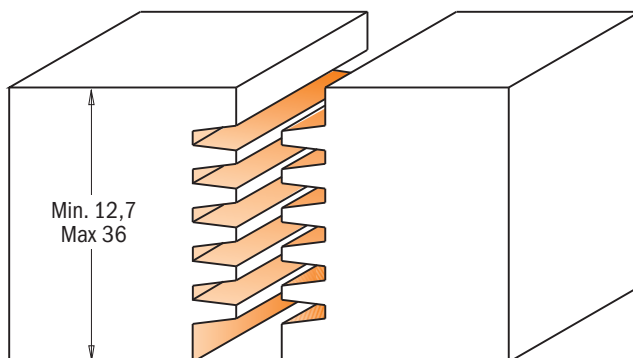
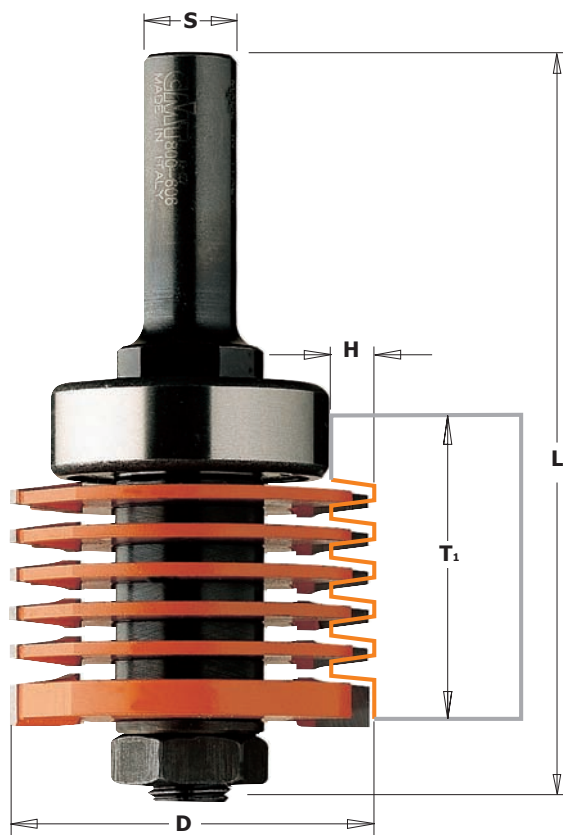
- 791.020.00** Ø38,1mm bearing (for depth 4,75mm)
- 791.029.00** Ø34,9mm bearing (for depth 6,35mm)
- 791.015.00** Ø31,7mm bearing (for depth 8mm)
- 791.011.00** Ø19mm bearing (for depth 14,3mm)

Professional finger joint bit

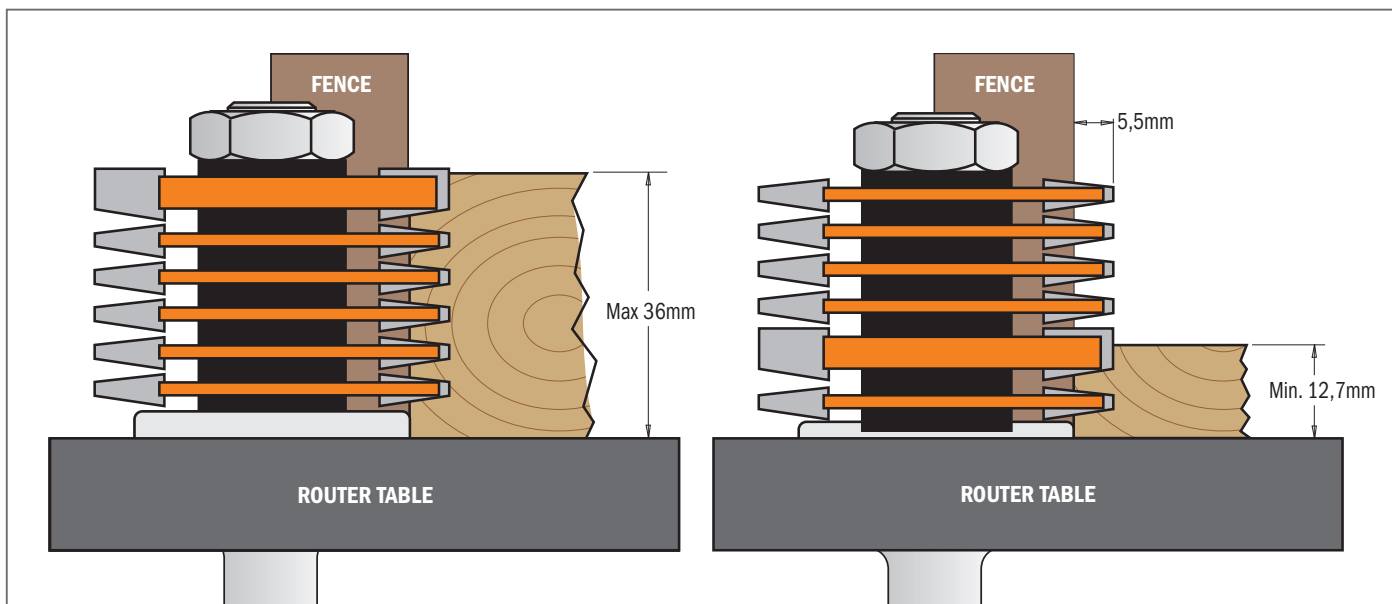


8/900.606

This versatile CMT finger joint bit lets you make one of the most incredibly strong side-to-side or end-to-end joints in all wood and wood composites. The tightness of the accurately cut joint and the maximum glue surface create a joint that is actually stronger than an unworked piece of wood. CMT's professional finger joint features two flute design, carbide teeth and six removable cutters so you can make joints in a wide range of stock thicknesses, from 12,7mm to 36mm. Ideal for molding manufacturers and furniture makers.



Drawings are 1:1 scale



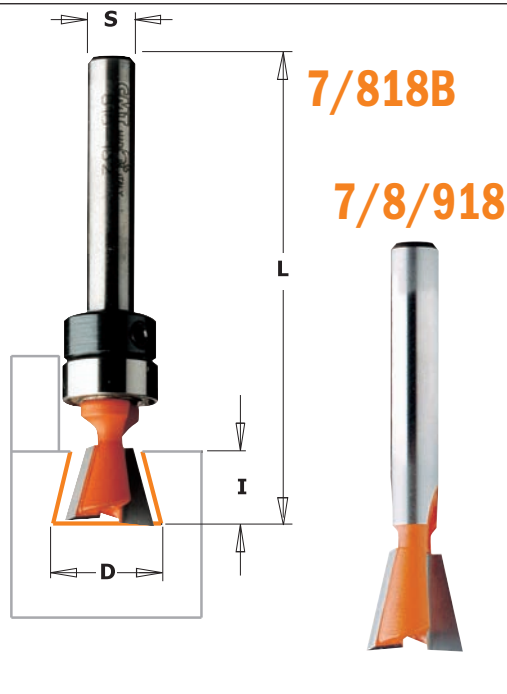
T ₁ mm	D mm	H mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
12,7 - 36	47,6	5,5	97	900.606.11	
12,7 - 36	47,6	5,5	97		800.606.11

Spare parts

924.129.00	791.028.00	822.005.11	822.006.11	990.022.00
824.129.00	791.028.00	822.005.11	822.006.11	990.022.00

- Spare parts**
- 541.511.00** 3mm spacer
 - 541.512.00** 2mm spacer
 - 541.513.00** 0,1mm spacer
 - 990.458.00** Kit with spacer

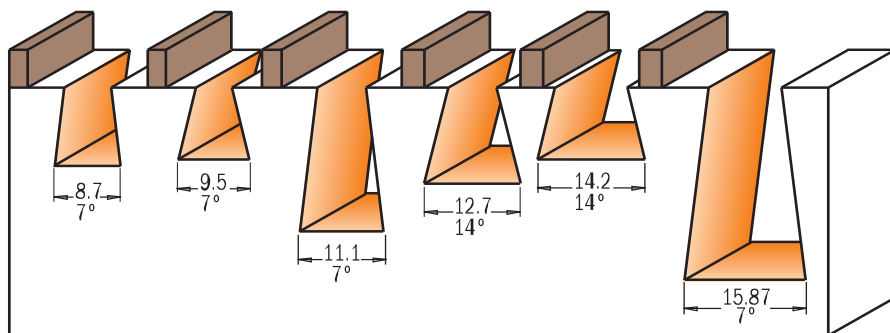
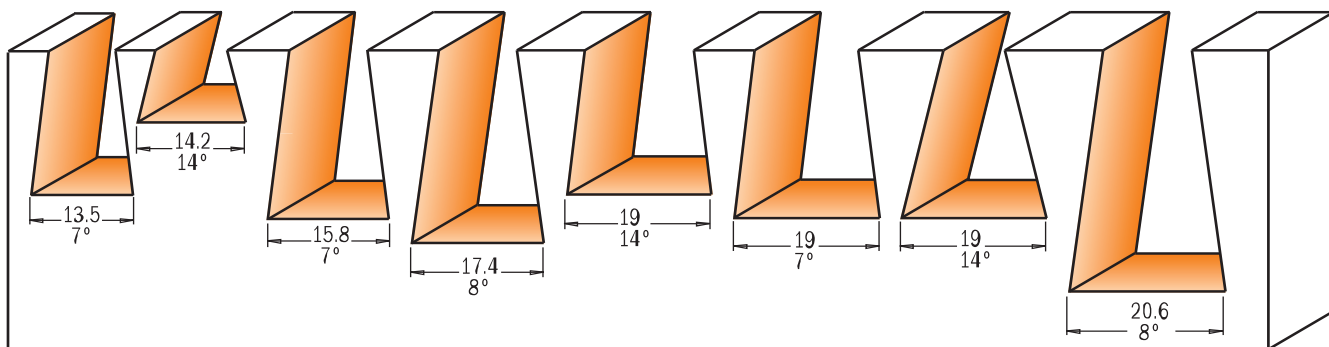
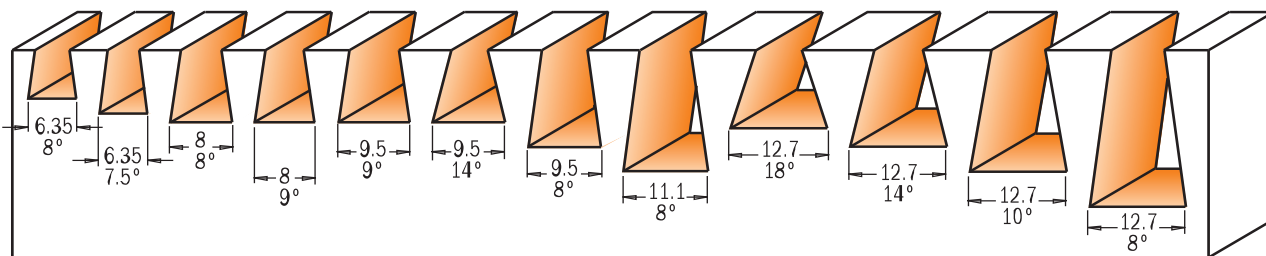
Dovetail bits



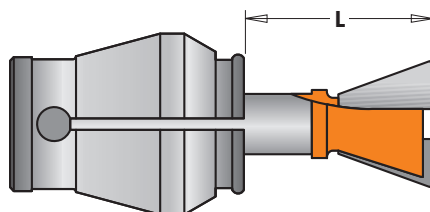
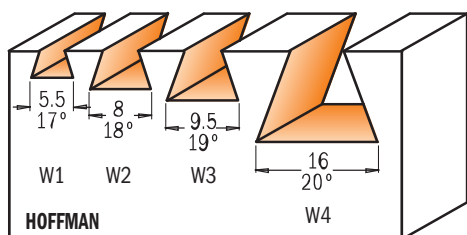
The beautifully crafted dovetail joint is a classic that appeals to both professionals and novices alike. Admired for its attractiveness in box and exposed joint projects, the dovetail is remarkably strong and functional. CMT dovetail bits are available in 25 different sizes so you can stretch your creativity to the limit. 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.

Shop Tips: Two passes are recommended when routing dovetails with a template. Check that the dovetails have been cut through completely and smoothly before removing the workpiece. For even easier routing and less stress on your dovetail bit, run the first pass with a straight bit. Use a dovetail on your router table equipped with a fence to achieve difficult chamfer angles.

Safety Tips: If a dovetail bit jams while working, adjust the position of the bit in the collet and make sure the cutting depth is correct. Do not lift the router out of the template.



Manufacturer/Model	ORDER NO.	
CMT-Enlock10	718.098.11B	818.098.11B
CMT-Enlock15	718.127.11B	818.128.11B
CMT300	718.127.11	818.128.11
	918.127.11	818.628.11



Manufacturer/Model	ORDER NO.	
HOFFMAN		
W1 L=16mm	718.053.11	818.053.11
W2 L=17,5mm	718.079.11	818.079.11
W3 L=19mm	718.093.11	818.093.11
W4 L=25mm	918.167.11	

Drawings are 1:1 scale

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

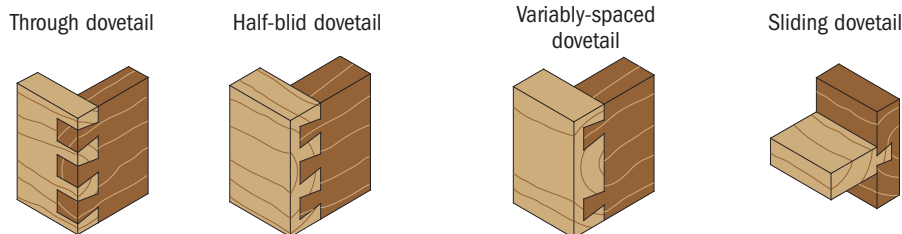
Display Cabinets

Dovetail bits

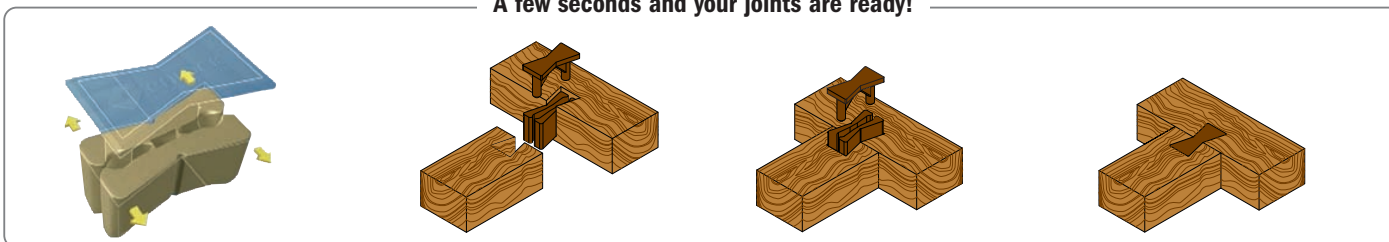
7/8/918 - 7/818B



Here are a few of the beautiful dovetail joints you can produce using CMT bits



A few seconds and your joints are ready!



D mm	I mm	L mm	A	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
•6	8,3	60	7,5°	718.060.11							
•6,35	6,35	50,8	8°		818.065.11						
•6,35	8,3	63,5	7,5°		818.064.11			818.564.11			
•8	9,5	54	8°		818.081.11						
•8	9,5	52,5	9°		818.080.11						
•8	9,5	63,5	9°					818.580.11			
•9,5	9,5	52,5	9°	718.095.11	818.096.11	918.095.11					
•9,5	9,5	63,5	9°					818.596.11			
•9,5	9,5	60,3	14°		818.098.11						
•9,5	12,7	60,3	8°		818.097.11						
11,1	15,9	60,3	8°		818.111.11						
12,7	10,3	60,3	18°		818.132.11						
12,7	12,7	52,4	14°	718.127.11	818.128.11	918.127.11					
12,7	12,7	63,5	14°					818.628.11			
12,7	12,7	62	14°		818.130.11						
12,7	16	60,3	10°		818.133.11						
12,7	20,6	69,8	8°		818.129.11	918.129.11					
13,5	19,05	61,5	7°					818.635.11			
14,2	9,5	50,8	14°		818.142.11						
16	22	60,3	7°	718.158.11	818.158.11	918.158.11					
16	22	66,7	7°				918.658.11	818.658.11			
17,4	25,4	77,6	8°					818.674.11			
19	19	77,6	14°					818.691.11			
19	22	60,3	7°	718.190.11	818.190.11	918.190.11					
19	22	66,7	7°				918.690.11	818.690.11			
19	22	60,3	14°		818.191.11						
20,6	31,7	84,1	8°					818.706.11			
with top bearing											
8,73	10,3	58	7°		818.087.11B				791.009.00	541.001.00	
•9,5	9,5	60,3	14°	718.098.11B	818.098.11B				791.010.00	541.001.00	
11,1	19	66,7	7°		818.113.11B				791.009.00	541.001.00	
12,7	12,7	52,4	14°	718.127.11B	818.128.11B				791.010.00	541.001.00	
14,2	9,5	50,8	14°		818.142.11B				791.010.00	541.001.00	
with top bearing (shank Ø9,5mm)											
16	25,4	68,3	7°					818.159.11B	791.021.00	541.006.00	
for Hoffman											
•5,5	4	43	17°	718.053.11	818.053.11						
•8	6	43	18°	718.079.11	818.079.11						
•9,5	7,3	43	19°	718.093.11	818.093.11						
16,7	12,5	49	20°			918.167.11					

Spare parts **990.005.00** M3x3mm TSEI screw
991.056.00 1,5mm hex key

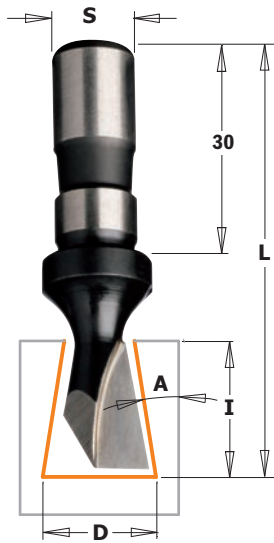
• HWM

9° Dovetail cutters

Saw blades

Tools with bore & Knives

Router Bits & Sets



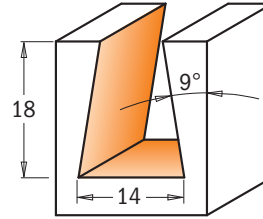
522

HW Z1 RH

D mm	I mm	L mm	A	S mm	ORDER NO. Right-hand rotation
14	18	60	9°	12	522.140.11

TECHNICAL DETAILS:

- Super strength steel
- 1 HW precision ground cutting edge (Z1)



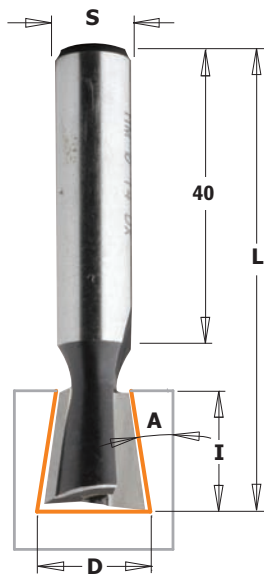
Drawing are 1:1 scale

9° Dovetail cutter

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools



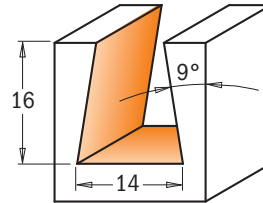
523

HW Z2 RH

D mm	I mm	L mm	A	S mm	ORDER NO. Right-hand rotation
14	16	60	9°	10	523.140.11

TECHNICAL DETAILS:

- Super strength steel
- 2 HW precision ground cutting edges (Z2)



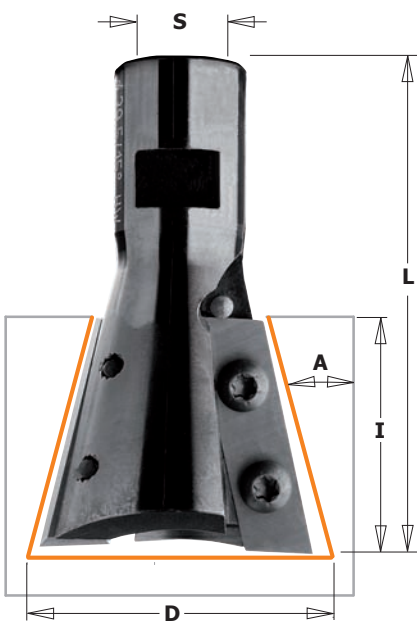
Drawing are 1:1 scale

15° Dovetail cutter for Arunda® System with insert knives

Spare Parts

Power Tools & Accessories

Display Cabinets



664

INSERT CARBIDE Z2 RH

D mm	I mm	L mm	A	S	ORDER NO. Right-hand rotation
39,5	31,5	65,5	15°	M12x1	664.395.11

Spare parts

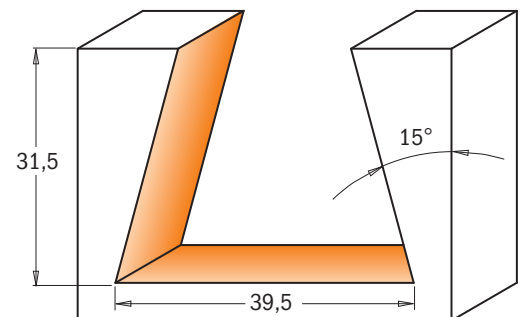


TECHNICAL DETAILS:

- Super strength steel
- 2 HWM precision insert knives (Z2)

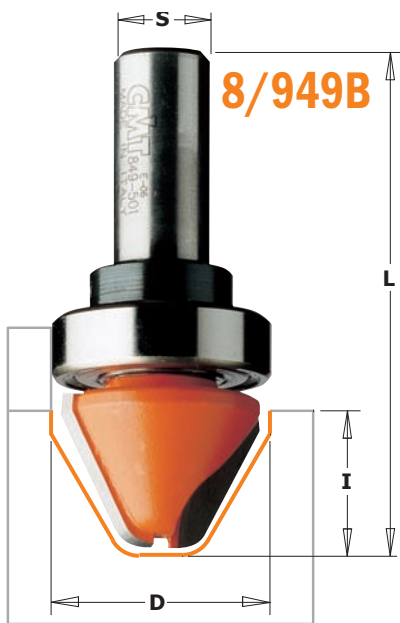
APPLICATION:

Designed for Arunda® System this cutter allow you to assembly roof-frames by dovetailing.



Drawing are 1:1 scale

60° Lettering bit



8/949B

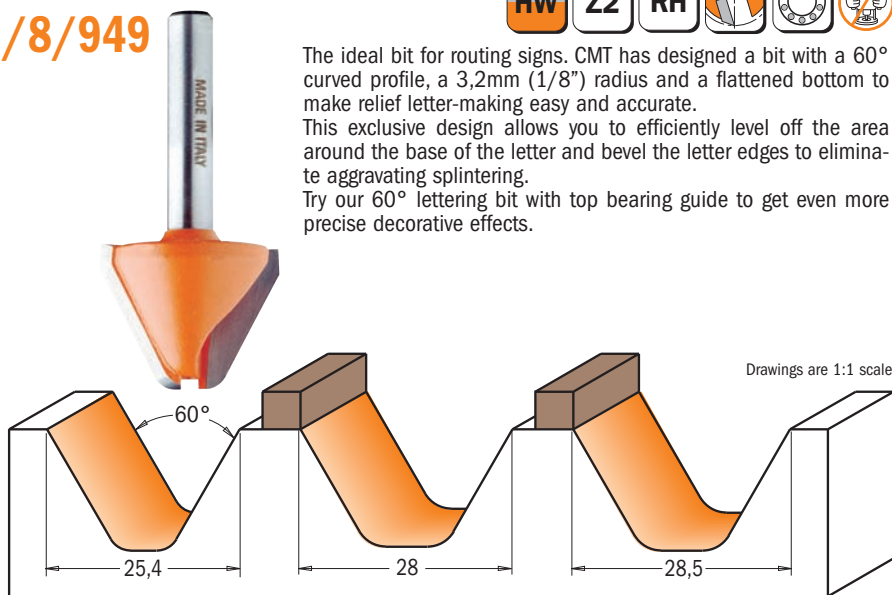
7/8/949



The ideal bit for routing signs. CMT has designed a bit with a 60° curved profile, a 3,2mm (1/8") radius and a flattened bottom to make relief letter-making easy and accurate.

This exclusive design allows you to efficiently level off the area around the base of the letter and bevel the letter edges to eliminate aggravating splintering.

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

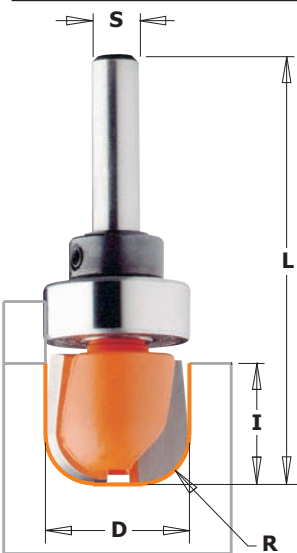


Drawings are 1:1 scale

D mm	I mm	A	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
25,4	19	60°	50,8	749.001.11	849.001.11					
28	19	60°	63,5			949.502.11				
28,5	19	60°	63,5				849.501.11			
with top bearing										
28	19	60°	63,5			949.502.11B		791.026.00	541.005.00	991.056.00
28,5	19	60°	63,5				849.501.11B	791.027.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm STEI screw

Bowl and tray bits

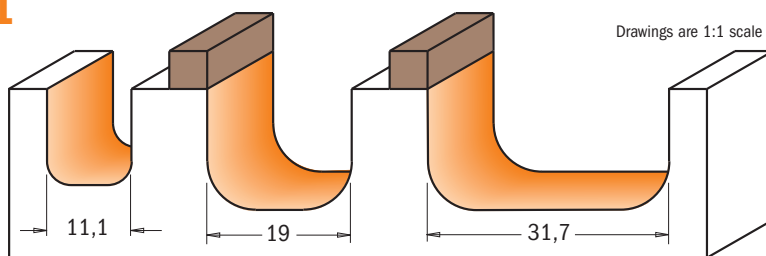


7/851B

7/8/951



This CMT 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. Bowl and Tray bits with top bearings are great for pattern work. Use them to create raised sign lettering, trays and many other items.



Drawings are 1:1 scale

D mm	I mm	R mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
11,1	12,7	3,2	45,5		851.001.11						
19	16	6,4	54	751.002.11	851.002.11	951.002.11					
19	16	6,4	60,4				951.501.11	851.501.11			
31,7	16	6,4	60,4				951.502.11	851.502.11			
with top bearing											
19	16	6,4	54	751.002.11B					791.007.00	541.003.00	991.056.00
19	16	6,4	54		851.002.11B				791.004.00	541.001.00	991.056.00
19	16	6,4	60,4					851.501.11B	791.011.00	541.002.00	991.056.00
31,7	16	6,4	60,4					851.502.11B	791.015.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm STEI screw

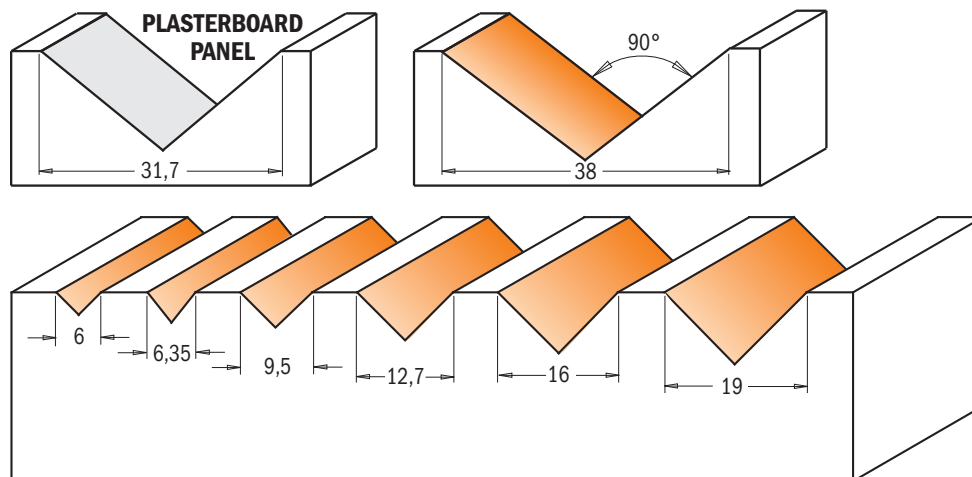
V-Grooving bits (90°)



7/8/915



These double cutting edge CMT bits offer an almost endless range of woodworking possibilities. Make clean, perfect cuts in panels, drawer fronts or even plasterboard panels; chamfer edges or engrave beautiful lettering.



Drawings are 1:1 scale

D mm	I mm	A	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
•6	8	90°	38,1	715.060.11		915.060.11		
•6,35	8	90°	38,1		815.064.11			
9,5	12,7	90°	44,5	715.095.11	815.095.11	915.095.11		
12,7	12,7	90°	44,5	715.127.11	815.127.11	915.127.11		
16	12,7	90°	52,8				915.160.11	
16	12,7	90°	63,5				915.660.11	815.660.11
19	16	90°	55,5	715.190.11				
19	16	90°	63,5				915.690.11	815.690.11
31,7	16	90°	63,5			915.317.11	915.817.11	815.817.11
38	19	90°	63,5			915.380.11		
38	19	90°	70					815.880.11

V-Grooving bits (90°)

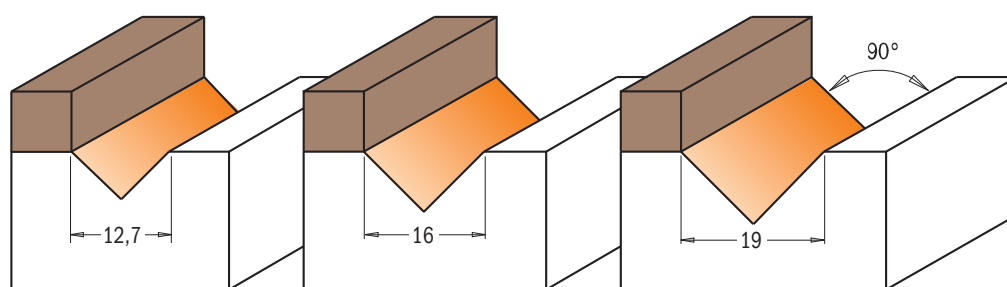


7/8/915B



In addition, CMT has versatile top bearing bits that allow for several template options of your choice (see series 715B-815B-915B). 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 PTFE non-stick coating. These bits are ideal for routing signs, or almost any project that is suitable for accurate template routing.

Tips: V-grooving bits can perfectly chamfer 45°. Two tools in one!



Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts		
12,7	12,7	44,5		815.127.11B					
16	12,7	52,8			915.160.11B		791.010.00	541.001.00	991.056.00
19	16	55,5	715.190.11B				791.025.00	541.004.00	991.056.00
19	16	63,5				815.690.11B	791.007.00	541.003.00	991.056.00
							791.011.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm TSEI screw

V-Grooving bits for Alucobond®



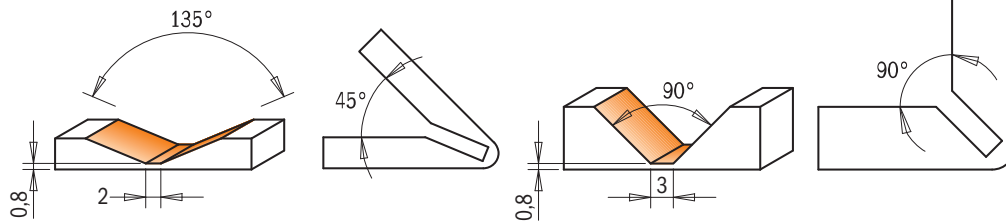
915

HW Z2 RH

ALUCOBOND® plus composite panels can be shaped using a very simple processing method. The technique, called the routing and folding method, enables a fabricator to produce shapes of various kinds and sizes. A V-shaped groove is routed on the reverse side of the ALUCOBOND® plus composite panel using a "V" groove router bit. A thin layer of the core material should be left at the base of the groove, i.e. on the inside of the outer cover sheet. The untouched outer cover sheet can now be bent manually, giving an exact and clean folding line which follows the routed groove. The outer radius of the folded edge depends on the shape of the groove and its depth.

We recommend that the routing be done using a CNC machining centre, a portable sheet milling machine or a hand router. The routing and folding method can be used for ALUCOBOND® plus composite panels with all available standard surface finishes. The advantages of this unique technique are:

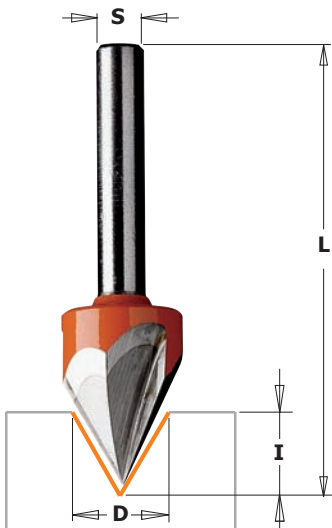
- Low investment cost
- Simple fabrication technique
- Folding can be done on site, saving transportation cost
- Low-cost fabrication of shaped components, wall cladding, roof edgings, column cladding, flashings, etc.
- Flexibility in creating shapes
- Very economical
- Shapes are not limited by machine capacity.



Drawings are 1:1 scale

D mm	I mm	A	L mm	ORDER NO. S=Ø8mm
18	7,45	90°	60	915.001.11
18	3,3	135°	60	915.002.11

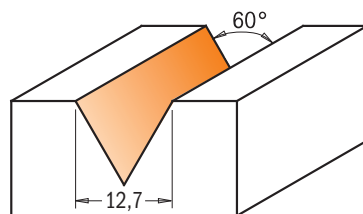
Laser point bit (60°) Z=3



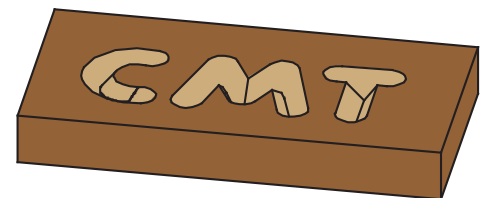
7/8/958

HW Z3 RH

This new bit lets you make delicate grooves and incisions with laser precision. Make one of a kind effects with single run 30° bevel edges. Three super sharp cutting edges and this perfectly balanced bit allow you to work with superior accuracy with no risk of burning. Raise the bit and produce a delicate fine point incision, or work the whole 12,7mm diameter to render bold highlighted lettering. Super strong steel shank and micrograin carbide cutting edges guarantee long lasting performance.



Drawing are 1:1 scale



D mm	I mm	A	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
12,7	11	60°	57,2	758.001.11	858.001.11	958.001.11	
12,7	11	60°	60,3				858.501.11

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

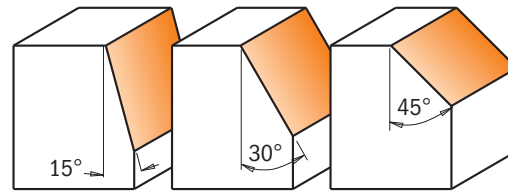
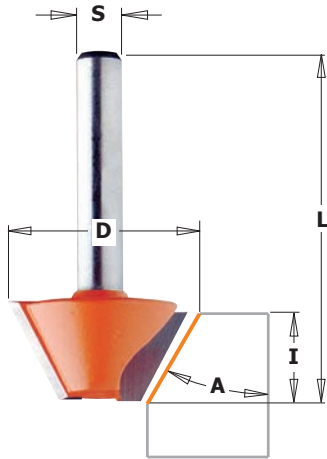
Display Cabinets

Chamfer bits

703/4/5 - 903/4/5



From a gently beveled edge to decorative chamfers in a variety of materials, CMT offers smooth results.



Drawings are 1:1 scale

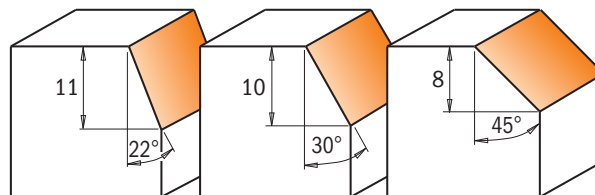
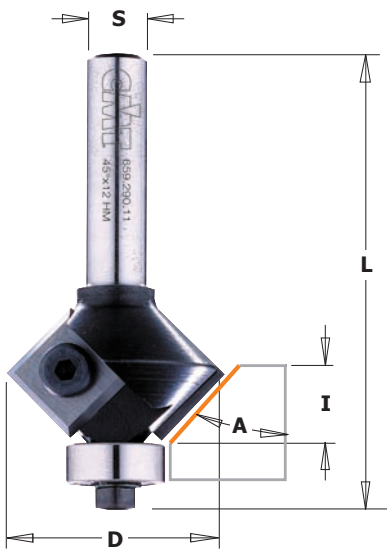
A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø8mm
15°	24	14	46	703.240.11	903.240.11
30°	26	12,7	44,5	704.240.11	904.240.11
45°	25	8	41	705.240.11	905.240.11

Chamfer bits with insert knives

659



Bevel and Chamfer trim bits with two replaceable knives fixed by special Torx screws. The knives are 4 sided sharpened and gives three extra new edges. Guided bevel and chamfer trim bits type 659 are equipped with the ball bearing guides. Type 658 is unguided. For specialist applications requiring economy of replaceable tips. For precision work on laminates, MDF or for quick rounded edges in hard wood. For use on portable Routers or CNC machining centers.



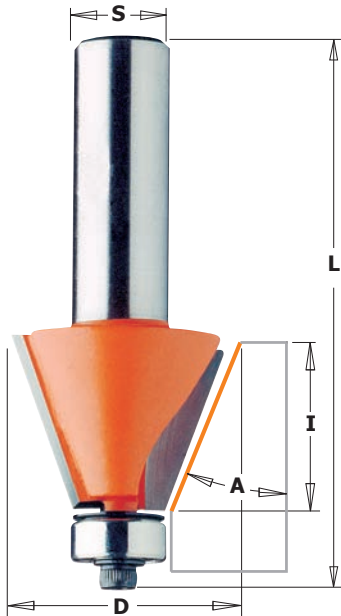
Drawings are 1:1 scale



A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts		
45°	29	8	52	658.047.11		658.045.11				
22°	25	11	65	659.024.11	659.023.11	659.022.11		790.120.00	990.075.00	791.006.00
30°	28	10	66	659.032.11	659.031.11	659.030.11		790.120.00	990.075.00	791.006.00
45°	29	8	60	659.047.11	659.046.11	659.045.11		790.120.00	990.075.00	791.022.00
45°	29	8	68				659.646.11	790.120.00	990.075.00	791.022.00

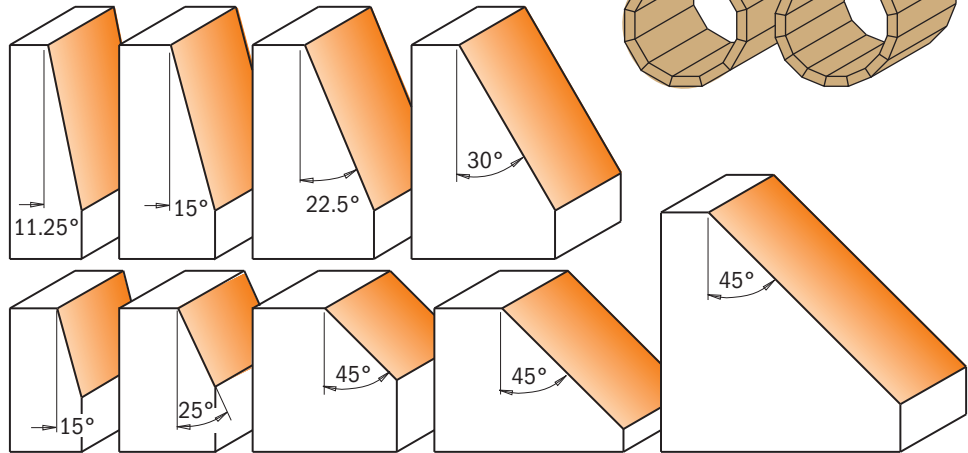
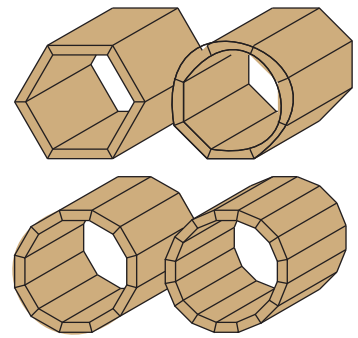
- Spare parts**
- 990.400.00** Ø3.2/Ø7mm shield for M3 screw
 - 990.051.00** M3x6mm TCEI screw
 - 991.062.00** 2,5mm hex key
 - 991.061.00** T15 Torx key

Chamfer bits



7/8/936 - 8/957

CMT chamfer bits can cut clean, accurate bevels and chamfers and are great for edge work or for making perfectly aligned multi-sided containers, boxes and other decorative projects. See illustration below for examples. Can be used for working larger scale projects such as beams and columns with excellent results.



Drawings are 1:1 scale

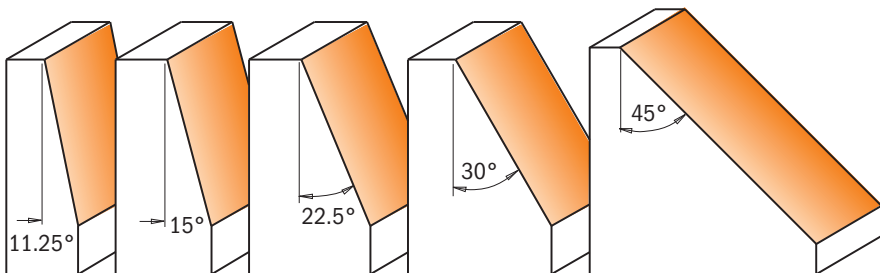
A	D mm	I mm	L mm	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts			
				S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12mm	S=Ø12,7mm				
15°	19	11,5	54,9	736.130.11	836.130.11	936.130.11			990.423.00	791.003.00	990.058.00	991.057.00
25°	22,2	10	54,9	736.190.11	836.190.11	936.190.11			990.423.00	791.003.00	990.058.00	991.057.00
45°	31,7	9,5	53	736.280.11	836.280.11	936.280.11			990.423.00	791.003.00	990.058.00	991.057.00
45°	45	18	60,2	736.420.11	836.420.11	936.420.11			990.423.00	791.003.00	990.058.00	991.057.00
45°	45	18	66,5				936.920.11	836.920.11	990.423.00	791.003.00	990.058.00	991.057.00
45°	65	26	76,7				936.950.11	836.950.11	990.423.00	791.003.00	990.058.00	991.057.00
11,25°	21,5	22	71,1				957.504.11	857.504.11	990.423.00	791.003.00	990.058.00	991.057.00
15°	24,5	22	71,1				957.503.11	857.503.11	990.423.00	791.003.00	990.058.00	991.057.00
22,5°	31	22	71,1				957.502.11	857.502.11	990.423.00	791.003.00	990.058.00	991.057.00
30°	38,5	22	71,1				957.501.11	857.501.11	990.423.00	791.003.00	990.058.00	991.057.00

Chamfer set



836

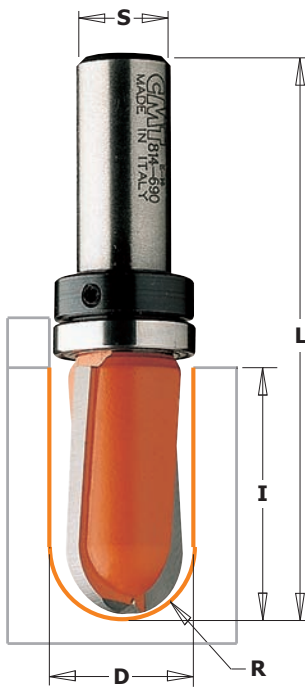
Build beautiful planters, boxes and other multi-sided pieces with this handy set. Why cut imperfect angles on your table saw when it's so much easier and accurate to use the CMT Chamfer set? Our solution to accurate polygon construction includes 5 anti-kickback, carbide tipped bits in the most popular angles - 11-1/4°, 15°, 22-1/2°, 30° and 45°. No polygon project is too difficult. Available with 12,7mm shank.



Drawings are 1:1 scale

DESCRIPTION	ORDER NO.
Chamfer set	836.501.11 S=Ø12,7mm

Round nose bits



7/8/914B

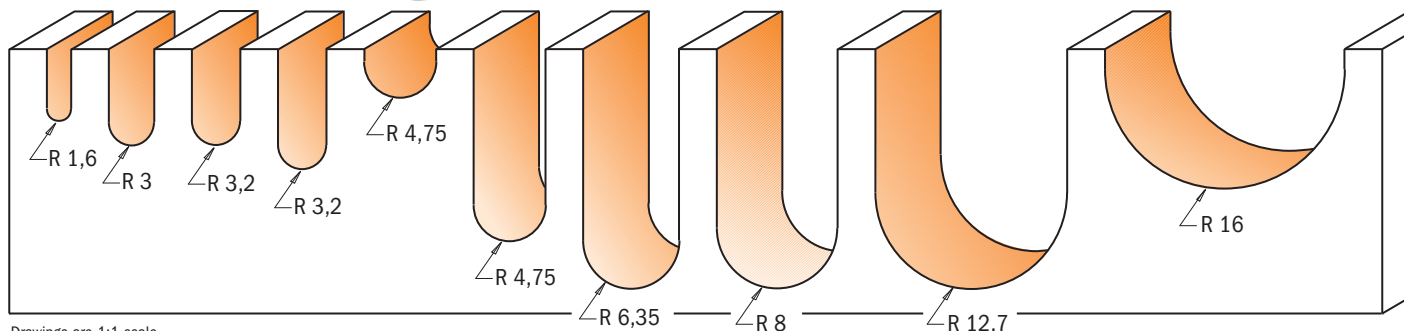
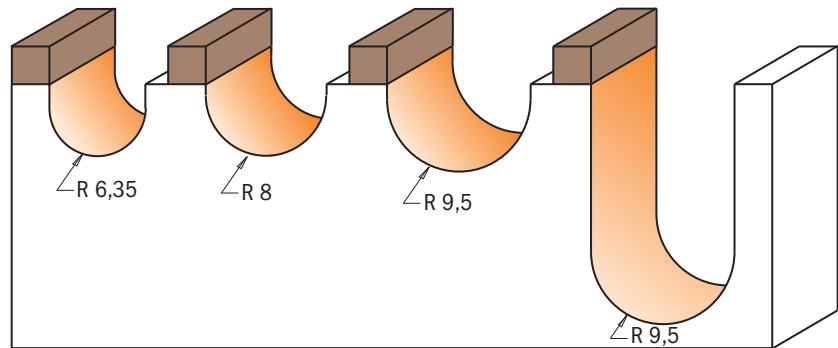
7/8/914



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 materials up to 31,7mm 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 favourite item for professional sign makers, craft makers and hobbyists.

Shop Tips: more than one pass is recommended when making cove edges. To prevent splintering, begin with a shallow initial pass and deepen gradually.



Drawings are 1:1 scale

Spare parts



R	D	I	L	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.			
mm	mm	mm	mm	S=∅6mm	S=∅6,35mm	S=∅8mm	S=∅12mm	S=∅12,7mm			
•1,6	3,2	9,5	50,8	714.032.11	814.032.11	914.032.11					
•3	6	12,7	50,8	714.060.11		914.060.11					
•3,2	6,4	12,7	50,8		814.064.11						
•3,2	6,4	15,9	63,5					814.564.11			
4,75	9,5	6,4	50,8	714.095.11	814.095.11	914.095.11					
4,75	9,5	25,4	66,7					814.595.11			
6,35	12,7	9,5	50,8	714.127.11	814.127.11	914.127.11					
6,35	12,7	31,7	73				914.627.11	814.627.11			
8	15,8	9,5	50,8	714.160.11	814.160.11	914.160.11					
8	15,8	31,7	73					814.660.11			
9,5	19	11,5	50,8	714.190.11	814.190.11	914.190.11					
9,5	19	31,7	73				914.690.11	814.690.11			
12,7	25,4	31,7	73				914.754.11	814.754.11			
16	31,7	18,5	58,8				914.817.11	814.817.11			
with top bearing											
6,35	12,7	9,5	50,8		814.127.11B				791.010.00	541.001.00	991.056.00
8	15,8	9,5	50,8		814.160.11B				791.009.00	541.001.00	991.056.00
8	15,8	9,5	50,8			914.160.11B			791.025.00	541.004.00	991.056.00
9,5	19	11,5	50,8	714.190.11B					791.007.00	541.003.00	991.056.00
9,5	19	11,5	50,8		814.190.11B				791.004.00	541.001.00	991.056.00
9,5	19	31,7	73					814.690.11B	791.011.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm screw

• HWM

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

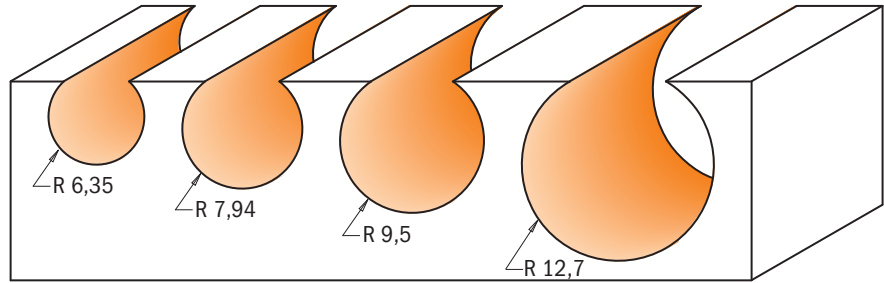
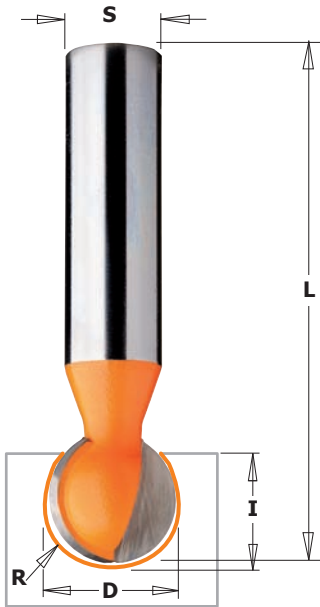
Display Cabinets

Ball milling



8/968

Cut channels for pipes or cables in one single pass using CMT's ball end bits. Reduce the stress on the bits by cutting a first groove with a straight bit.



Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
6,35	12,7	11	57,15	968.127.11		868.627.11
7,94	15,88	14,2	60,3	968.158.11		868.658.11
9,52	19,05	17,4	63,5	968.190.11		868.690.11
12,7	25,4	23,5	70		968.754.11	868.754.11

Round nose set

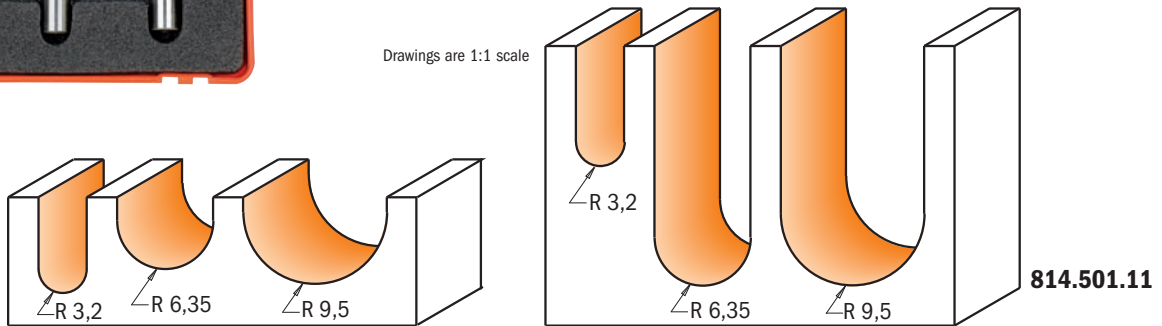


814

Each of these sets include 3 of the most widely used CMT Round Nose bits. These solid carbide or carbide tipped bits are perfect for sign making, engraving, or adding flutes and veins to doors or drawer fronts. Available in 6,35mm and 12,7mm shanks.



Drawings are 1:1 scale



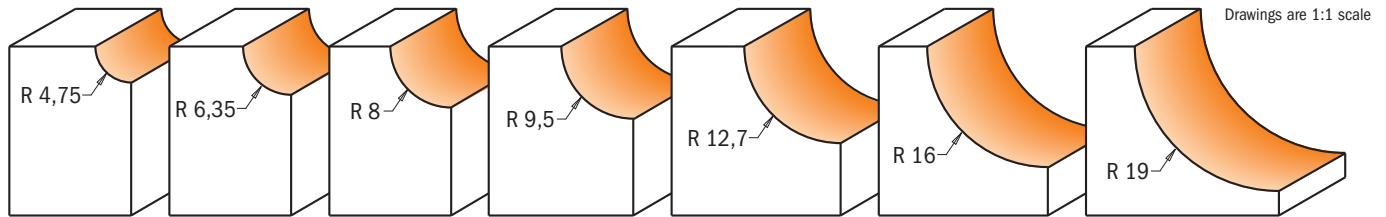
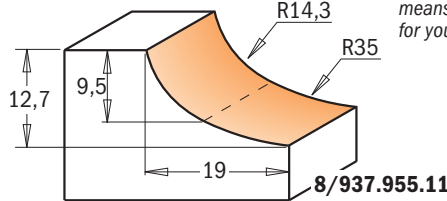
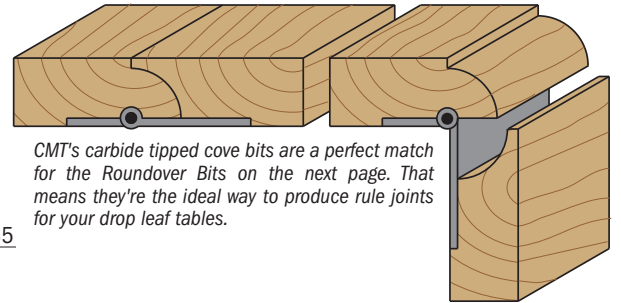
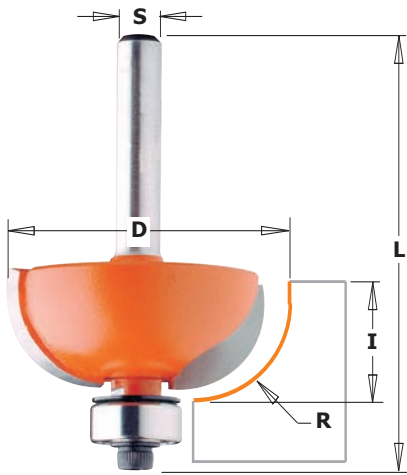
DESCRIPTION	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12,7mm
Round nose set	814.001.11	814.501.11

Cove bits

7/8/937



Make simple or elegant furniture, doors and drawer fronts by adding a final touch with CMT cove bits. Join them together with a CMT roundover bit and make perfectly fitting rule joints, ideal for drop leaf counter and table tops. These bits feature anti-kickback design, carbide-tipped cutting edges, Fatigue Proof® steel body and PTFE non-stick coating.



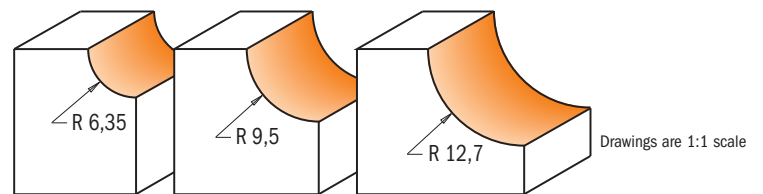
R	D	I	L	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts
mm	mm	mm	mm	S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12mm	S=Ø12,7mm	
4,75	22,2	12,7	54,9	737.190.11	837.190.11	937.190.11			990.423.00 791.003.00 990.058.00 991.057.00
4,75	22,2	12,7	61,2				937.690.11	837.690.11	990.423.00 791.003.00 990.058.00 991.057.00
6,35	25,4	12,7	54,9	737.222.11	837.222.11	937.222.11			990.423.00 791.003.00 990.058.00 991.057.00
6,35	25,4	12,7	61,2				937.722.11	837.722.11	990.423.00 791.003.00 990.058.00 991.057.00
8	28,7	12,7	54,2	737.254.11	837.254.11	937.254.11			990.423.00 791.003.00 990.058.00 991.057.00
8	28,7	12,7	60,5				937.754.11	837.754.11	990.423.00 791.003.00 990.058.00 991.057.00
9,5	31,7	12,7	54,2	737.286.11	837.286.11	937.286.11			990.423.00 791.003.00 990.058.00 991.057.00
9,5	31,7	12,7	60,5				937.786.11	837.786.11	990.423.00 791.003.00 990.058.00 991.057.00
12,7	38,1	15,5	57,7	737.350.11	837.350.11	937.350.11			990.423.00 791.003.00 990.058.00 991.057.00
12,7	38,1	15,5	64				937.850.11	837.850.11	990.423.00 791.003.00 990.058.00 991.057.00
16	44,5	18,5	67				937.950.11	837.950.11	990.423.00 791.003.00 990.058.00 991.057.00
19	50,8	22,2	70,7				937.951.11	837.951.11	990.423.00 791.003.00 990.058.00 991.057.00
14,3-35	50,8	12,7	61,2				937.955.11	837.955.11	990.423.00 791.003.00 990.058.00 991.057.00

Cove bit set

837

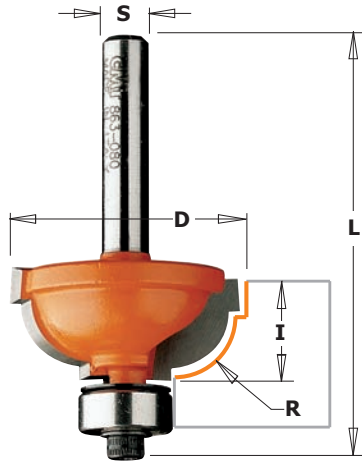


See simple furniture, doors and drawer fronts transform into elegant pieces by giving them a final touch with a CMT Cove Bit. Pair them up with CMT Roundover Bits and make beautiful rule joints to create drop leaf counter and table tops. Anti-kickback design and thick carbide tips for long lasting performance. Available with a 12,7mm or 6,35mm shank. Cove radii are 6,35mm, 9,5mm and 12,7mm.



DESCRIPTION	ORDER NO.	ORDER NO.
	S=Ø6,35mm	S=Ø12,7mm
Cove bit set	837.001.11	837.501.11

Cavetto edge mold bits

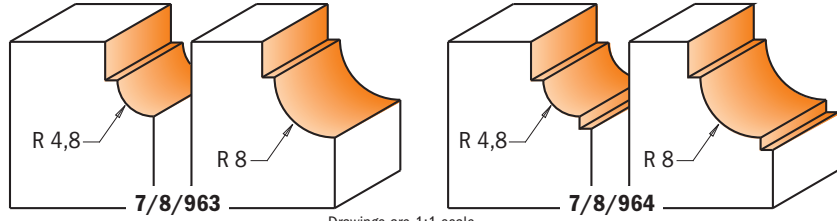


7/8/963 - 7/8/964



The cavetto bit cuts beautiful, traditional profiles, but you may also use just a portion of the bit to cut a more simple and cleaner cove edge. This bit add a special touch to furniture pieces by making traditional cove profiles with top and bottom fillet grooves in any kind of wood and wood composites.

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 routing.



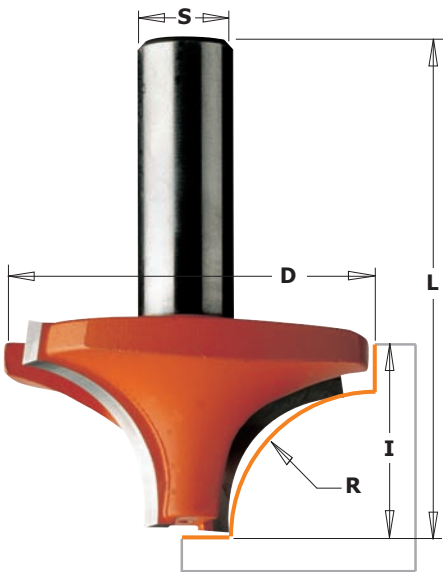
Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4,8	25,4	11,5	54,6	763.048.11	863.048.11	963.048.11		
4,8	25,4	11,5	60,9				963.548.11	863.548.11
8	31,7	14,3	56,9	763.080.11	863.080.11	963.080.11		
8	31,7	14,3	66,8				963.580.11	863.580.11
4,8	25,4	11,5	52,8	764.048.11	864.048.11	964.048.11		
4,8	25,4	11,5	59,1				964.548.11	864.548.11
8	31,7	14,3	55,1	764.080.11	864.080.11	964.080.11		
8	31,7	14,3	65				964.580.11	864.580.11

Spare parts

990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Ovolo bits

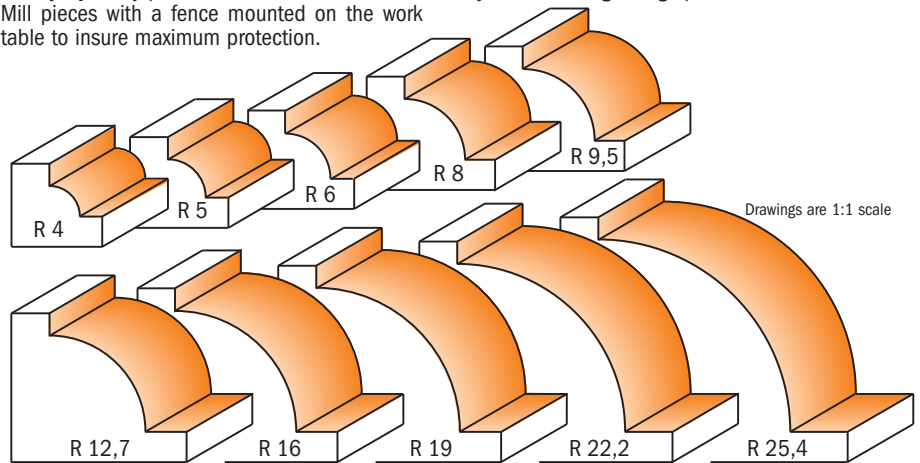


7/8/927



CMT put the work capacity of several different bits all into 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 roundovers like those illustrated below by simply adjusting the height or depth of the cut.

Safety tips: Pay particular attention to never rush the job when using a large profile bit. Mill pieces with a fence mounted on the work table to insure maximum protection.



Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4	19	12	43,8	727.040.11		927.040.11		
5	21	12	43,8	727.050.11	827.050.11	927.050.11		
6	23	12	43,8	727.060.11	827.060.11	927.060.11		
6	23	12	50,1					827.560.11
8	28,6	12,7	44,5	727.080.11		927.080.11		
9,5	31,7	14	45,8	727.095.11	827.095.11	927.095.11		
9,5	31,7	14	51,9				927.595.11	827.595.11
12,7	38,1	19	50,8		827.127.11			
12,7	38,1	19	57,1				927.627.11	827.627.11
16	44,5	22,2	60,3				927.660.11	827.660.11
19	50,8	25,4	63,5				927.690.11	827.690.11
22,2	57,1	28,5	66,6				927.722.11	827.722.11
25,4	63,5	33,3	71,4				927.754.11	827.754.11

Beading bits



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

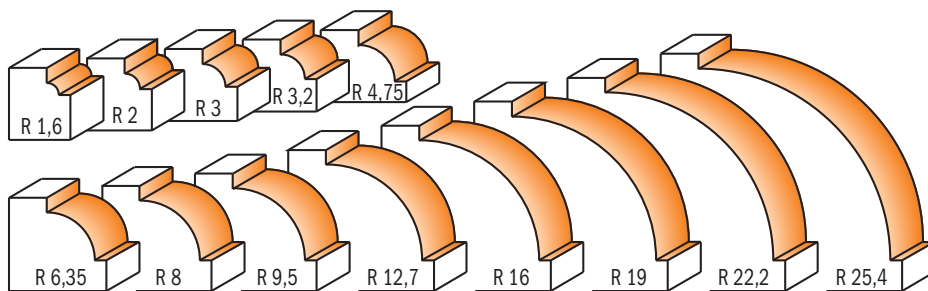
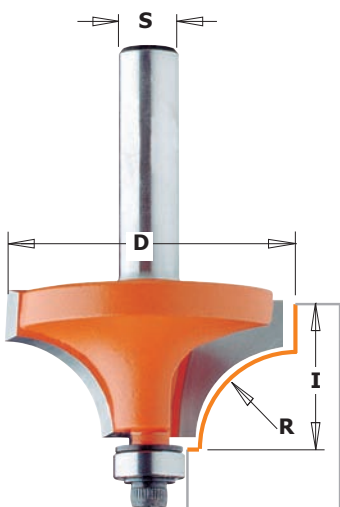
Power Tools & Accessories

Display Cabinets

7/8/939



Beading bits are similar to the roundover profile, but a smaller bearing produces a delicate inset at the base of the cut, giving you an extra decorative option. For a beading profile (code 7/8/939) simply change the bearing (791.002.00) on your roundover bits (code 7/8/938).



Drawings are 1:1 scale

*Use only on router table

R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
1,6	15,9	12,7	739.160.11	839.160.11	939.160.11		
2	16,7	12,7			939.167.11		
3	18,7	12,7			939.187.11		
3,2	19,1	12,7	739.190.11	839.190.11	939.190.11		
4,75	22,2	12,7	739.222.11	839.222.11	939.222.11		
6,35	25,4	12,7	739.254.11	839.254.11	939.254.11	939.754.11	839.754.11
8	28,6	12,7	739.285.11	839.285.11	939.285.11		
9,5	31,7	14	739.317.11	839.317.11	939.317.11	939.817.11	839.817.11
12,7	38,1	19	739.380.11	839.380.11	939.380.11	939.880.11	839.880.11
16	44,5	22		839.445.11	939.445.11	939.945.11	839.945.11
19	50,8	25,4				939.990.11	839.990.11
22,2	57,1	28,5				939.991.11	839.991.11
25,4	63,5	33,3				939.992.11*	839.992.11*

Spare parts

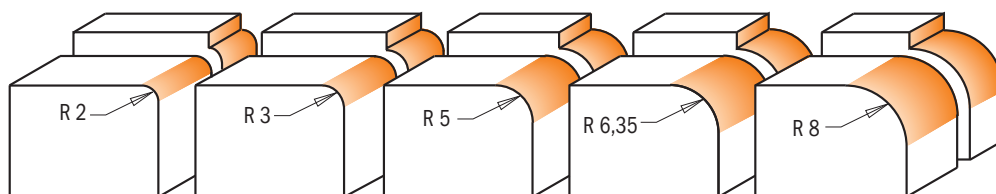
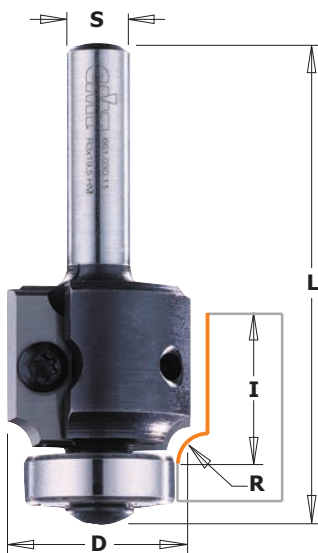
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
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990.422.00	791.002.00	990.058.00	991.057.00
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990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Roundover bits with insert knives

661



Roundover bits with two replaceable knives fixed by special Torx screws. The blades are 2 sided profiled and give high economy of your work with laminates. Roundover bits type are equipped with the ball bearing guides. For precision work on laminates. Radius R2 or R3 is for rounded 2mm or 3mm ABS edges. Radius R5 is for quick rounded edges in hard wood or MDF. For use on portable Routers.



Drawings are 1:1 scale

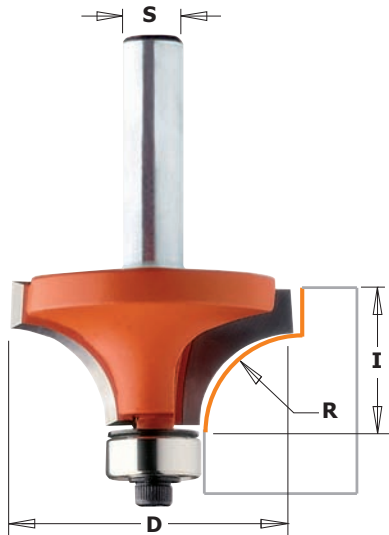
R mm	D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
2	22,8	19,5	64	661.021.11	661.020.11	
3	24,8	19,5	64	661.031.11	661.030.11	
5	28,8	19,5	64	661.051.11	661.050.11	
6,35	28,5	24	67	661.064.11	661.063.11	
8	31,8	24	67		661.080.11	
8	31,8	24	77			661.581.11

Spare parts

790.020.00	990.076.00	991.061.00	791.007.00
790.020.00	990.076.00	991.061.00	791.007.00
790.030.00	990.076.00	991.061.00	791.007.00
790.050.00	990.076.00	991.061.00	791.007.00
790.064.00	990.076.00	991.061.00	791.006.00
790.080.00	990.076.00	991.061.00	791.006.00
790.080.00	990.076.00	991.061.00	791.006.00

Spare parts	990.400.00 M3 shield	990.410.00 M4 shield
	990.051.00 M3x6mm TCEI screw	990.052.00 M4x6mm TCEI screw
	991.062.00 2,5mm hex key	991.067.00 3mm hex key

Roundover bits



7/8/938

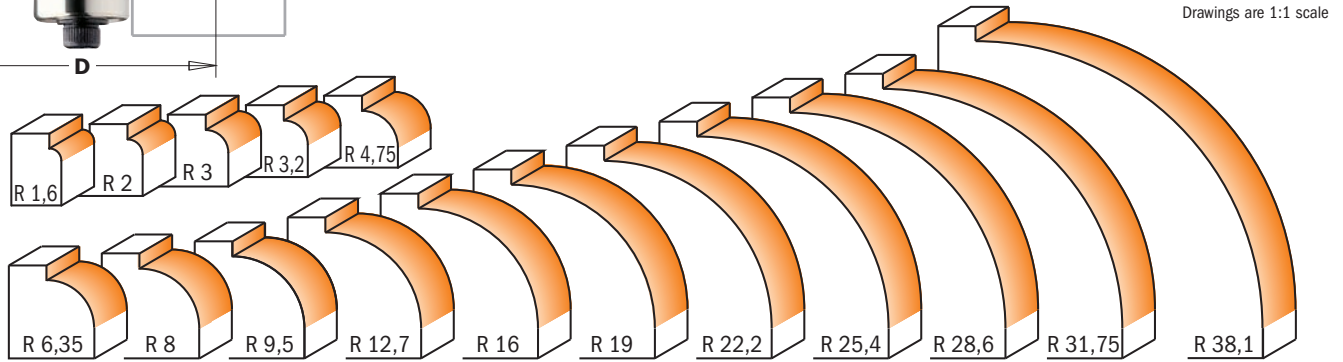
The smaller bearing on the CMT Beading bits makes a delicate inset at the base of the cut, giving you the advantage of an extra decorative option.

BE SURE to keep the black bearing washer right side up to correspond with the bearing rotation when reassembling the bearing. Improper reassembly can cause the bit to unscrew. All CMT roundover bits have a 12,7mm bearing diameter with the exception of the radius 28,6mm and 31,7mm bits which have a 19mm bearing diameter. You have 13 different radii to choose from, the majority having 5 shank diameter options. All bits are made of Fatigue Proof® steel and have carbide-tipped cutting edges.

Shop Tips: The CMT 1.6mm radius roundover bit is excellent for finishing laminates. Virtually eliminates the filing required when using conventional trim bits.

Safety Tips: Use caution when working with large diameter bits and make more than one pass to gradually remove stock. Pay particular attention when routing small pieces; and always rout on a router table equipped with a fence.

***Use only on router table**



R mm	D mm	I mm	ORDER NO.					Spare parts				
			S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12mm	S=Ø12,7mm	Bearing	Washer	Washer	Hex Key	
1,6	15,9	12,7	738.160.11	838.160.11	938.160.11				990.423.00	791.003.00	990.058.00	991.057.00
2	16,7	12,7	738.167.11		938.167.11				990.422.00	791.044.00	990.058.00	991.057.00
3	18,7	12,7	738.187.11		938.187.11				990.422.00	791.044.00	990.058.00	991.057.00
3,2	19,1	12,7	738.190.11	838.190.11	938.190.11				990.423.00	791.003.00	990.058.00	991.057.00
4,75	22,2	12,7	738.222.11	838.222.11	938.222.11				990.423.00	791.003.00	990.058.00	991.057.00
6,35	25,4	12,7	738.254.11	838.254.11	938.254.11	938.754.11	838.754.11		990.423.00	791.003.00	990.058.00	991.057.00
8	28,6	12,7	738.285.11	838.285.11	938.285.11				990.423.00	791.003.00	990.058.00	991.057.00
9,5	31,7	14	738.317.11	838.317.11	938.317.11	938.817.11	838.817.11		990.423.00	791.003.00	990.058.00	991.057.00
12,7	38,1	19	738.380.11	838.380.11	938.380.11	938.880.11	838.880.11		990.423.00	791.003.00	990.058.00	991.057.00
16	44,5	22		838.445.11	938.445.11	938.945.11	838.945.11		990.423.00	791.003.00	990.058.00	991.057.00
19	50,8	25,4				938.990.11	838.990.11		990.423.00	791.003.00	990.058.00	991.057.00
22,2	57,1	28,5				938.991.11	838.991.11		990.423.00	791.003.00	990.058.00	991.057.00
25,4	63,5	33,3				938.992.11*	838.992.11*		990.423.00	791.003.00	990.058.00	991.057.00
28,6	76,2	38,1				938.993.11*	838.993.11*		541.550.00	791.004.00	990.058.00	991.057.00
31,75	82,5	44,4				938.994.11*	838.994.11*		541.550.00	791.004.00	990.058.00	991.057.00
38,1	88,9	44,4				938.996.11*	838.996.11*		990.423.00	791.003.00	990.058.00	991.057.00

*Use only on router table

791.044.00 Delring® Bearing

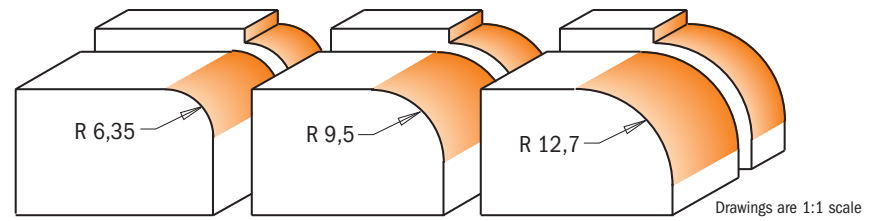
Roundover set



838



CMT's Roundover Sets give you the maximum flexibility for all of your projects by putting the most requested diameters in one package. Available in 12,7mm and 6,35mm shanks. Roundover radii are 6,35mm, 9,5mm and 12,7mm. These versatile bits are always in demand - the simple clean lines of a smooth roundover edge can be used in a wide variety of applications from picture frames to table and counter tops.



DESCRIPTION	ORDER NO.	
	S=Ø6,35mm	S=Ø12,7mm
Roundover set	838.001.11	838.501.11

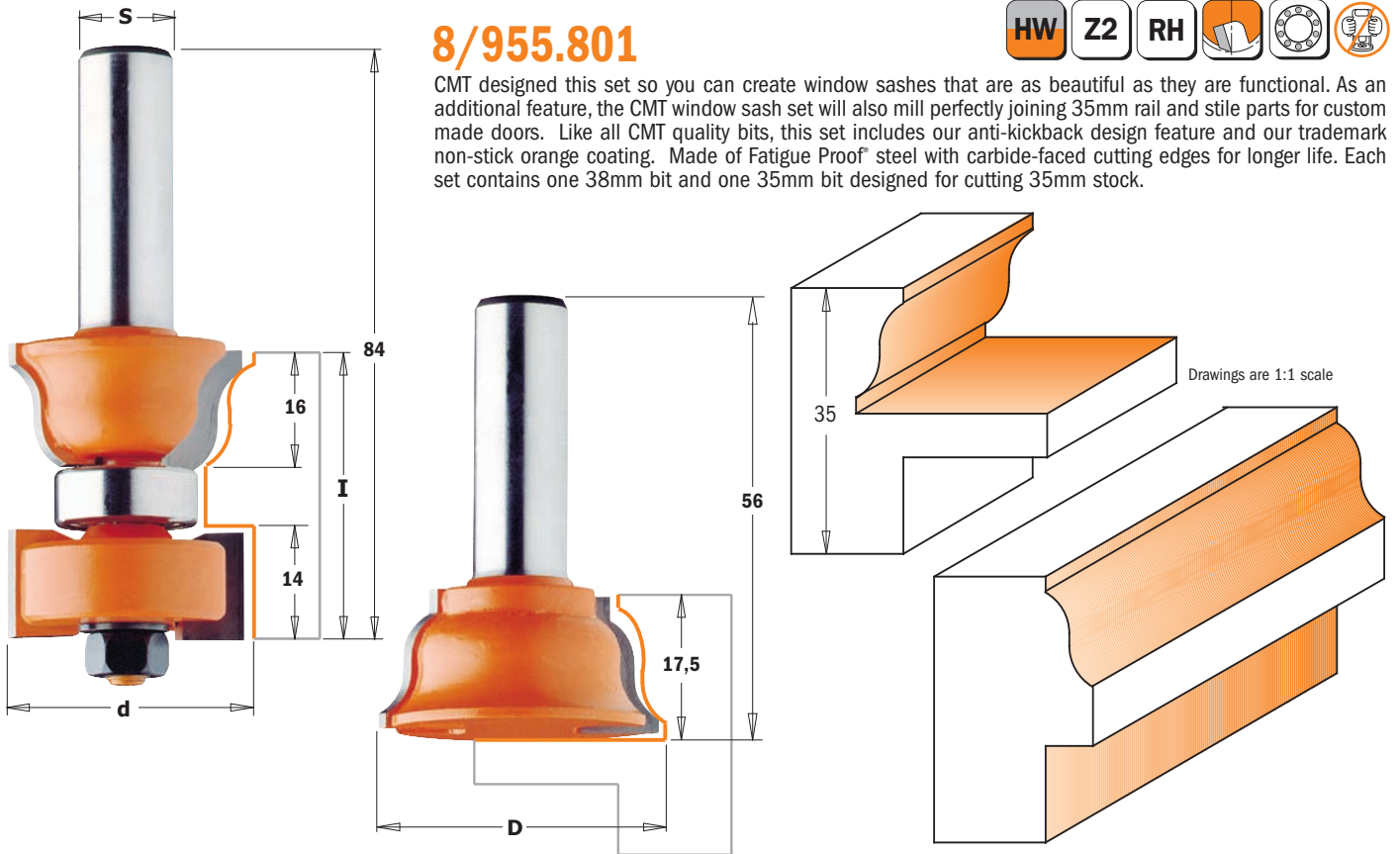
Window sash set



8/955.801



CMT designed this set so you can create window sashes that are as beautiful as they are functional. As an additional feature, the CMT window sash set will also mill perfectly joining 35mm rail and stile parts for custom made doors. Like all CMT quality bits, this set includes our anti-kickback design feature and our trademark non-stick orange coating. Made of Fatigue Proof® steel with carbide-faced cutting edges for longer life. Each set contains one 38mm bit and one 35mm bit designed for cutting 35mm stock.



d	I	L	D	I	L	ORDER NO.	ORDER NO.
mm	mm	mm	mm	mm	mm	S=Ø12mm	S=Ø12,7mm
35	35	84	38	17,5	56	955.801.11	855.801.11

Spare parts

791.012.00	822.004.11	541.518.00	990.020.00

Step-by-step window sash construction

Your CMT set makes it easy!

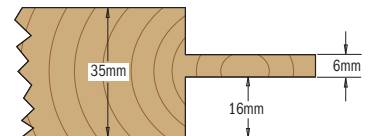
In our step-by-step example for window sash construction, we used the following:

- CMT Window Sash Set (item #855.801.11)
- stiles cut 35mm thick
- rails cut 35mm thick
- scrap stock

The CMT Window Sash Set was designed ideally for the construction of windows in 35mm stock, however variations as narrow as 28mm can be used. Stock thicker than 35mm exceeds the milling range of the cutter. Remember to adjust your measurements and cutting depths according to the wood thickness you use. We suggest making a trial joint in scrap stock according to the following steps before milling all of the cope and stick profiles.

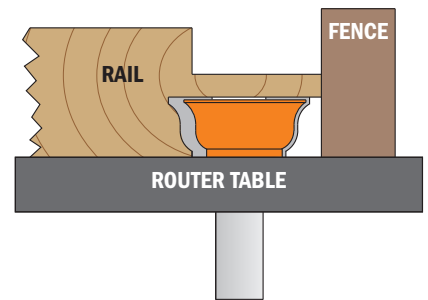
STEP 1 - Measurements and making the tenons

The ideal thickness of the stiles when using the CMT sash set is 35mm. The desired width of the stiles will determine the length you need to make your tenons, while the length of the stile will represent the desired full height of the sash. When cutting the rails to length, make sure to add the length of the two tenons to the overall length of the rail. The length of the tenons should be at least half the width of the stile. Mill 16mm measuring from the front face of the stock using a table saw, radial saw or router as shown in illustration 1. This measurement remains invariable since it is calculated to the height of the CMT sash routers. The width of the tenon is 6mm. Rotate the stock and mill the other side. For our example, the second milling will be 13mm but this measurement will vary if you are using thinner stock.



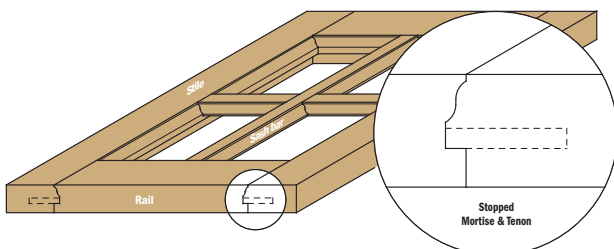
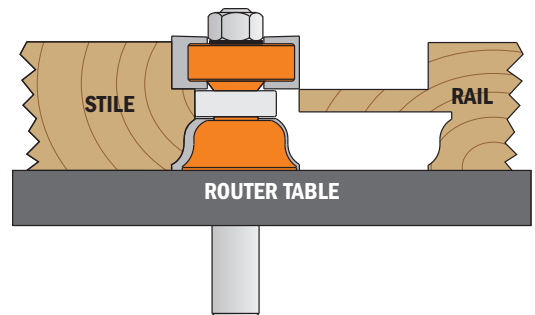
STEP 2 - Making the cope profile on rails, sash bar and muntins

To make the cope profile, place the rail face front down on the router table with the tenon flush to the bit as shown in illustration 2. Adjust the fence so the bit mills 6,35mm deeper than the tenon. To mill the sash bar and the muntins (cross bars), position front face down on the router table and mill without changing the height of the bit.



STEP 3 - Making the stick profile on rails, stile, sash bar and muntins

To mill the stick profile along the inside edges of all sash parts, place the already milled cope profile front face down on the router table and adjust the sash bit so that the lower edge of the top cutter will exactly touch the upper edge of the tenon as shown in illustration 3. With the rail still face down on the table, turn it so the inside edge of the rail is touching the bit and mill the stick profile. Mill the inside edges of the stiles and mill both edges of the front face of the sash bar and muntins. To cut the slots for the tenons, measure 16mm from the front face of the stiles and rout with a table saw.



Saw blades

Tools with bore & knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

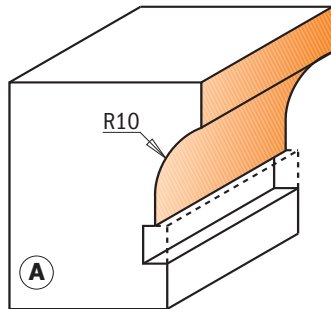
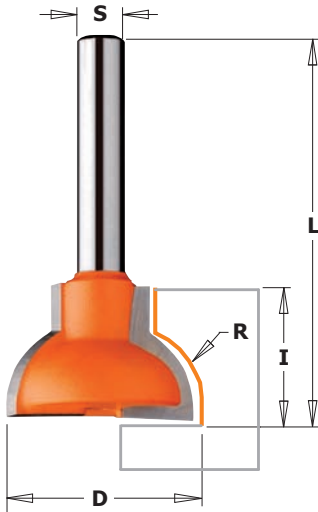
Display Cabinets

Ovolo sash bits

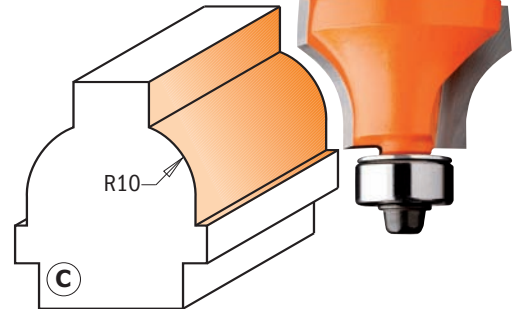
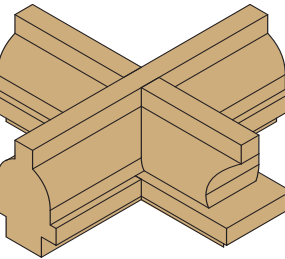
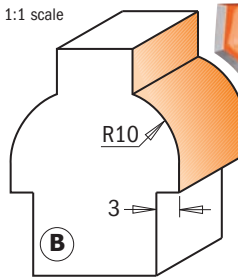


8/955.3

These bits allow you to make true divided light doors for fine furniture and cabinets as well as sash bar windows, and stile and rail constructions. The glazing bar ovolo bits are bearing-guided to enable curved frames to be moulded. Cove bits can be used to produce easy-to-pull drawer handles.



Drawings are 1:1 scale



D mm	I mm	R mm	L mm	Profile	ORDER NO. S=∅6,35mm	ORDER NO. S=∅8mm
22	19	10	50,8	B	855.307.11F	955.307.11F
22	19	10	50,8	A	855.307.11M	955.307.11M
28	19	10	61,2	C	855.308.11F	955.308.11F

Spare parts

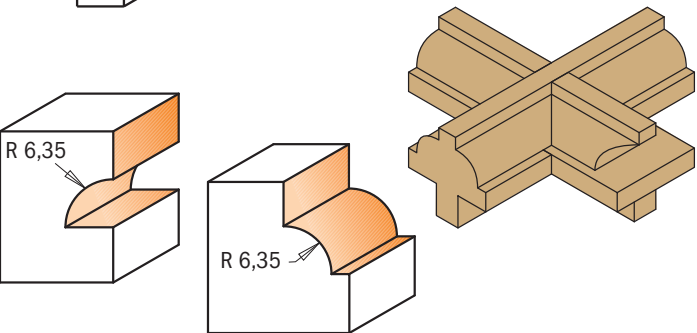
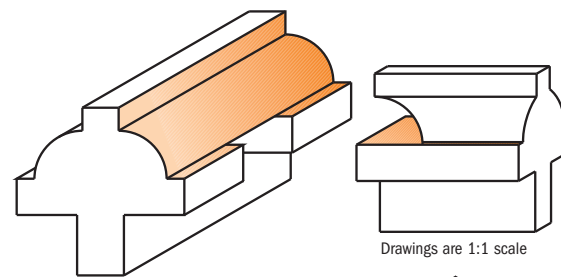
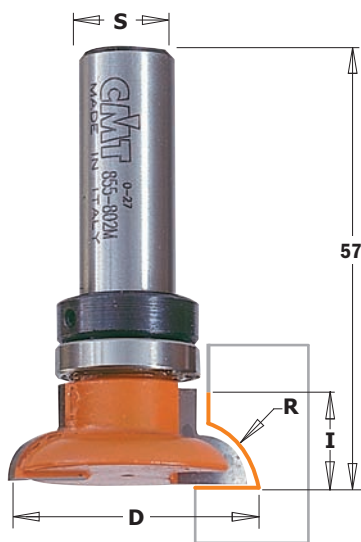


990.423.00 791.003.00 990.058.00 991.057.00

Ovolo sash set



955.302 - 855.802



d mm	D mm	I mm	R mm	ORDER NO. S=∅8mm	ORDER NO. S=∅12,7mm
30	31,7	12	6,35	955.302.11	855.802.11

Spare parts



990.423.00 791.003.00 990.058.00 991.057.00 791.011.00 541.002.00

Spare parts 991.056.00 1,5mm hex key

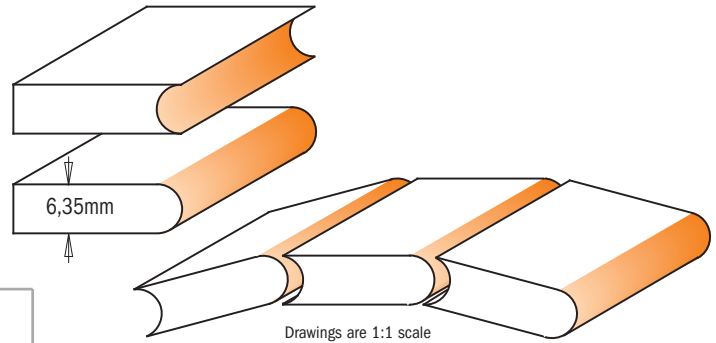
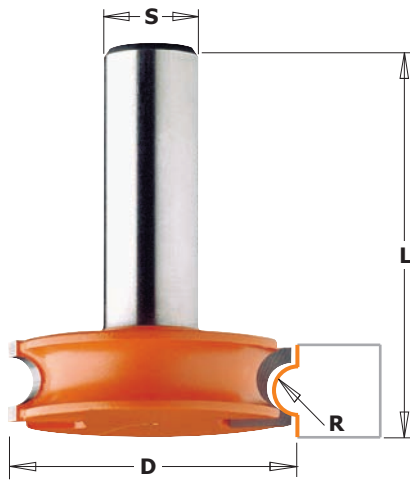
Flute & bead set



8/955.701

This perfectly mated CMT set is ideal for making canoe slats and hot tubs. Featuring tungsten carbide, the bits' cutting edges stay sharp after cutting large amounts of stock, and the anti-kickback design lets you work safely.

Use both the flute and the bead bits for 6,35mm (1/4") slats as shown below.



R mm	D mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
3,2	38	48,1	955.701.11	855.701.11

Saw blades

Tools with bore & knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

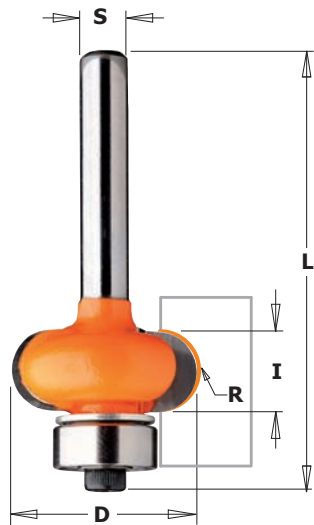
Display Cabinets

Edge-fluting bits

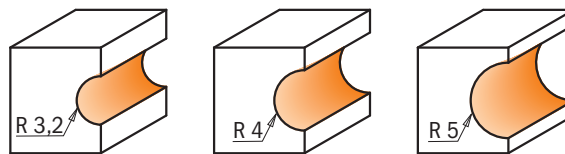
7/862



The edge-fluting bearing guided bits are quick to set up can be used for curved screens, small radius grooves, doors etc. no side fence required. Use in a handheld or table-mounted router.

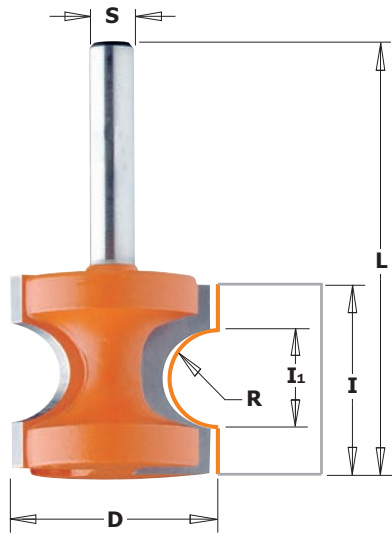


For Top bearing version: use bearing 791.010.00 and stop collar 541.001.00 (optional)



R mm	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	Spare parts				
3,2	19,05	6,4	57	762.032.11	862.032.11					
4	20,7	8	57	762.040.11	862.040.11	990.423.00	791.003.00	990.058.00	991.057.00	
5	22,7	10	57	762.050.11	862.050.11	990.423.00	791.003.00	990.058.00	991.057.00	

Bead & Bull nose bits

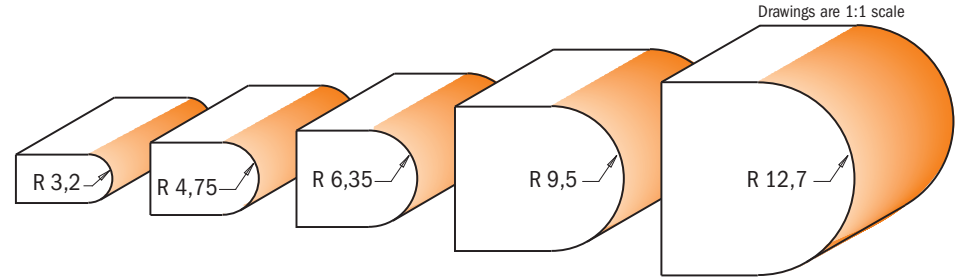


7/8/954



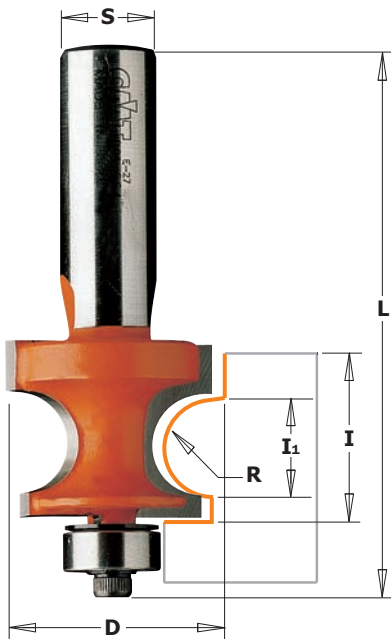
CMT bull nose bits create beautifully finished edges on stair treads, window sills and shelves in a pass. Add a final touch by using a cutter with a bead diameter wider than the stock thickness. CMT bull nose bits have bead diameters from 6,35mm (1/4") to 25,4mm (1") and each bit features carbide-tipped cutting edges, anti-kickback design and the orange PTFE non-stick coating trademark.

Safety tips: to be used only on router tables equipped with a fence. Do not remove the workpiece while the bit is routing.



R mm	D mm	I ₁ mm	I mm	L mm	ORDER NO. S=∅6mm	ORDER NO. S=∅6,35mm	ORDER NO. S=∅8mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm
3,2	22,2	6,56	19	50,8	754.002.11	854.002.11	954.002.11		
3,2	22,2	6,56	19	57,2				954.502.11	854.502.11
4,75	25,4	9,85	22	54	754.003.11	854.003.11	954.003.11		
4,75	25,4	9,85	22	60,4				954.503.11	854.503.11
6,35	28,6	13,15	25,5	57,2	754.004.11	854.004.11	954.004.11		
6,35	28,6	13,15	25,5	63,5				954.504.11	854.504.11
9,5	34,9	19,71	35	73				954.507.11	854.507.11
12,7	44,5	26,30	41	79,4				954.509.11	854.509.11

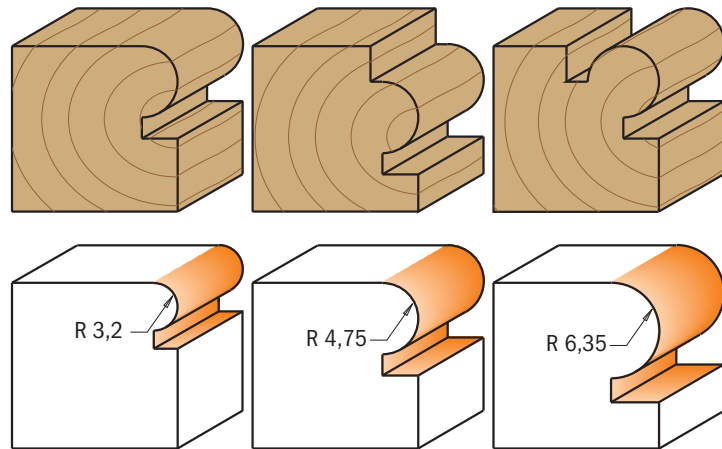
Corner beading bits



7/8/961



Make beautiful traditional beads and edge beads or turn old beads into new moldings with the new CMT corner beading bits with bearing. Featuring carbide-tipped cutting edges and orange PTFE non-stick coating, these bits provide excellent results on corner beads. Run the bead twice to form a complete corner bead.



R mm	D mm	I ₁ mm	I mm	L mm	ORDER NO. S=∅6mm	ORDER NO. S=∅6,35mm	ORDER NO. S=∅8mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm	Spare parts		
3,2	22,2	6,50	15	57,7	761.032.11	861.032.11	961.032.11					
3,2	22,2	6,50	15	64				961.532.11	861.532.11	990.423.00	791.003.00	990.058.00
4,75	25,4	9,68	18,6	61,2	761.048.11	861.048.11	961.048.11			990.423.00	791.003.00	990.058.00
4,75	25,4	9,68	18,6	67,6				961.548.11	861.548.11	990.423.00	791.003.00	990.058.00
6,35	28,6	12,86	22,2	64,8	761.064.11	861.064.11	961.064.11			990.423.00	791.003.00	990.058.00
6,35	28,6	12,86	22,2	71,7				961.564.11	861.564.11	990.423.00	791.003.00	990.058.00

Spare parts 991.057.00 3/32" hex key

Roman ogee bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

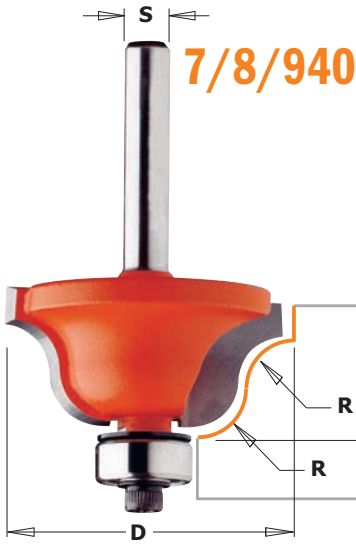
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

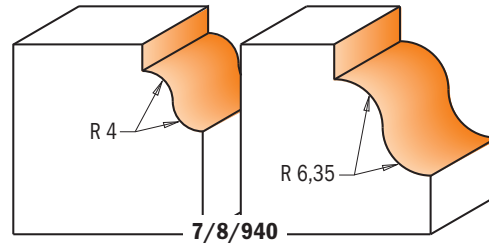
Power Tools & Accessories

Display Cabinets



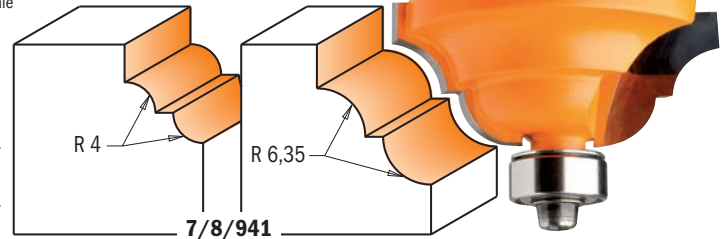
The roman ogee may be the most popular edge treatment in woodworking, and it is certainly one of the most beautiful. This bit includes all CMT bit features and produces a perfect rendition of classic design.

Shop tips: for best results, multiple passes are recommended.



7/8/941

Drawings are 1:1 scale



This bit takes the Roman ogee a step further. The horizontal bead adds style and elegance to the traditional shape.

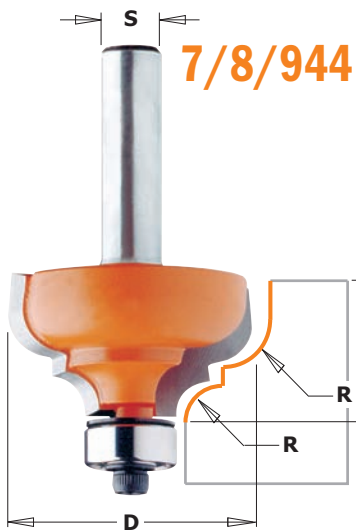
Shop tips: for best results, multiple passes are recommended.

R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4	28,7	11,5	740.270.11	840.270.11	940.270.11	940.770.11	840.770.11
6,4	38,1	17,3	740.350.11	840.350.11	940.350.11	940.850.11	840.850.11
4	33,4	13	741.285.11	841.285.11	941.285.11	941.785.11	841.785.11
6,4	42,8	18,5	741.380.11	841.380.11	941.380.11	941.880.11	841.880.11

Spare parts

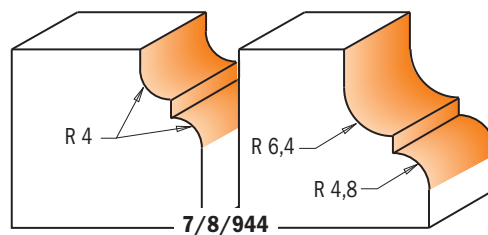
990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00

Classical ogee bits



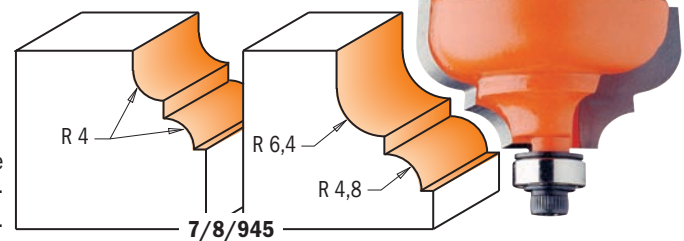
CMT's classical ogee bits feature an inverted ogee profile, with the concave edge adjacent to the upper surface of the workpiece. A vertical bead was added to separate the curves and creates an eye-catching shape.

Shop tips: for best results, multiple passes are recommended.



7/8/945

Drawings are 1:1 scale



This profile includes a horizontal bead along the bottom of the profile adding a decorative detail to the traditional ogee design.

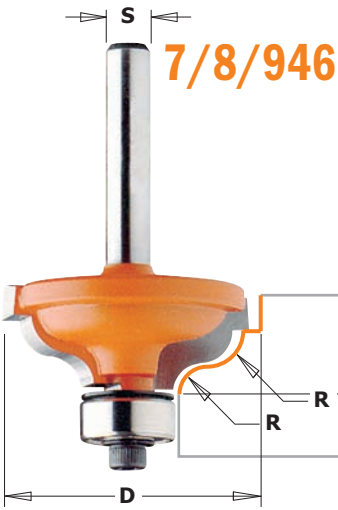
Shop tips: for best results, multiple passes are recommended.

R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4	28,7	13	744.287.11	844.287.11	944.287.11	944.787.11	844.787.11
6,4-4,8	35	18,5	744.350.11	844.350.11	944.350.11	944.850.11	844.850.11
4	28,7	13	745.287.11	845.287.11	945.287.11	945.787.11	845.787.11
6,4-4,8	35	18,5	745.350.11	845.350.11	945.350.11	945.850.11	845.850.11

Spare parts

990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Ogee with fillet bits

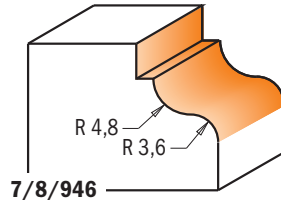


Take a complete assortment of CMT ogee bits into your shop. These bits feature micrograin carbide edges, high strength steel and the trademarked orange non-stick PTFE coating.

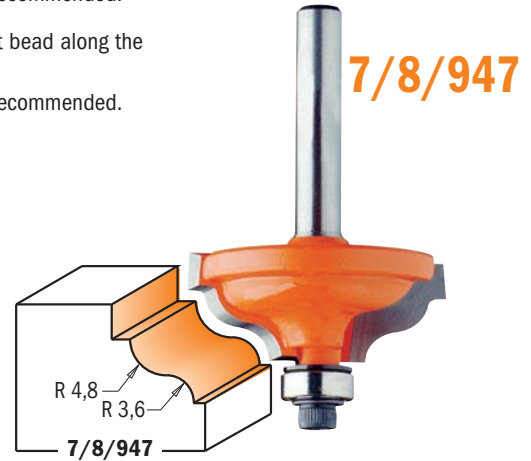
Shop tips: for best results, multiple passes are recommended.

For a more-detailed profile, this bit adds an inset bead along the lower edge of the cut.

Shop tips: for best results, multiple passes are recommended.



Drawings are 1:1 scale

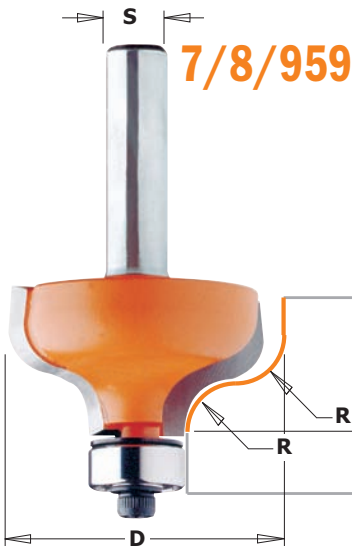


R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4,8-3,6	34,2	13	746.325.11	846.325.11	946.325.11	946.825.11	846.825.11
4,8-3,6	34,2	13	747.325.11	847.325.11	947.325.11	947.825.11	847.825.11

Spare parts

990.423.00	791.003.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Ogee bits

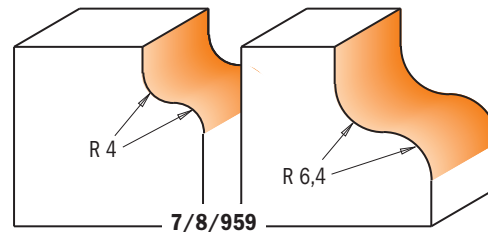


These profiles are the mirror image of the traditional roman ogee. They add a sharp defining details to the edges of cabinets and furniture, before rolling into a smooth convex shape.

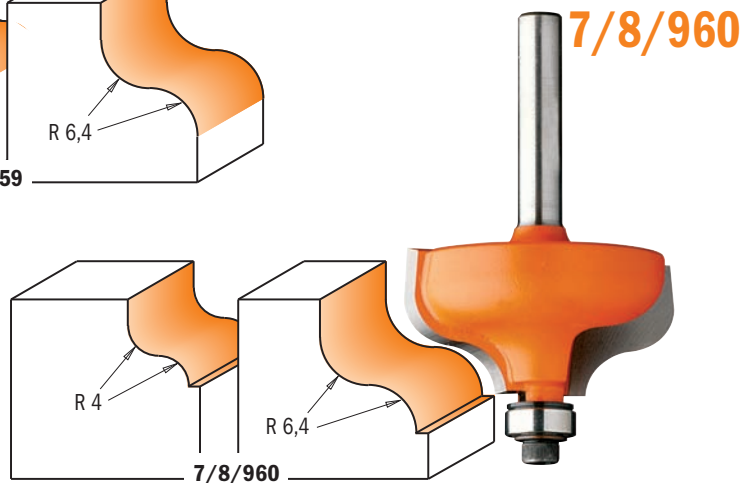
Shop tips: for best results, multiple passes are recommended.

These bits are identical to the 7/8/959 series with the addition of an inset bead along the lower edge.

Shop tips: for best results, multiple passes are recommended.



Drawings are 1:1 scale



R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
4	28,7	13	759.040.11	859.040.11	959.040.11	959.540.11	859.540.11
6,4	38,1	18	759.064.11	859.064.11	959.064.11	959.564.11	859.564.11
4	28,7	13	760.040.11	860.040.11	960.040.11	960.540.11	860.540.11
6,4	38,1	18	760.064.11	860.064.11	960.064.11	960.564.11	860.564.11

Spare parts

990.423.00	791.003.00	990.058.00	991.057.00
990.423.00	791.003.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00
990.422.00	791.002.00	990.058.00	991.057.00

Plunge ogee bits



7/8/948 - 7/8/948B

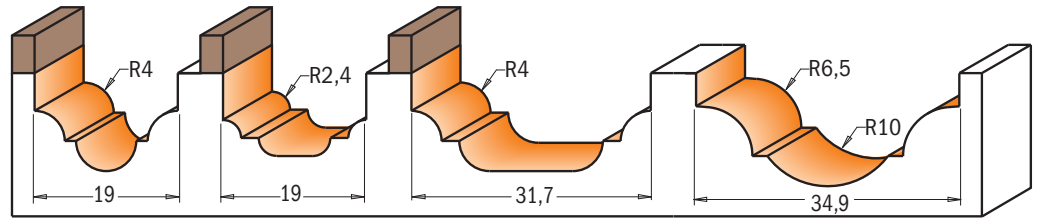
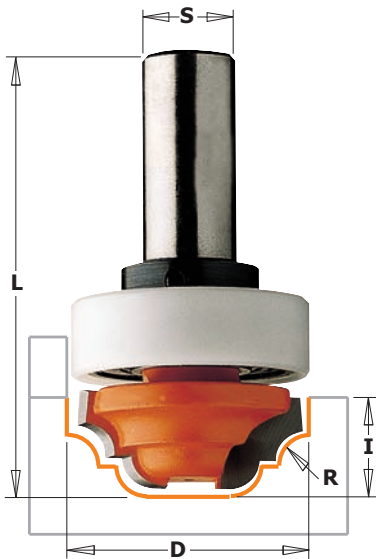


You will never run out of ideas with this creative bit. Add a classic touch to any edge or highlight door fronts and panels with decorative layered effects.

For even more options, try the CMT plunge ogee with bearing guide for pattern following.

For more CMT ogee profile options, choose among plunge ogee bits equipped with top bearing. Excellent for achieving accurate decorative work and guaranteed for long lasting performance.

Drawings are 1:1 scale



D mm	R mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
19	4	13	51,1	748.190.11	848.190.11	948.190.11		
19	2,4	12	53	748.191.11	848.191.11	948.191.11		
31,7	4	13	58			948.317.11	948.817.11	848.817.11
34,9	6,5-10	15	68				948.850.11	848.850.11



with top bearing

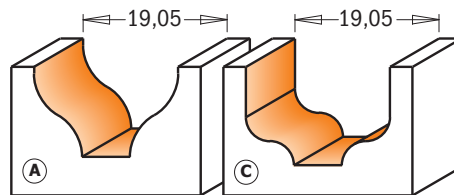
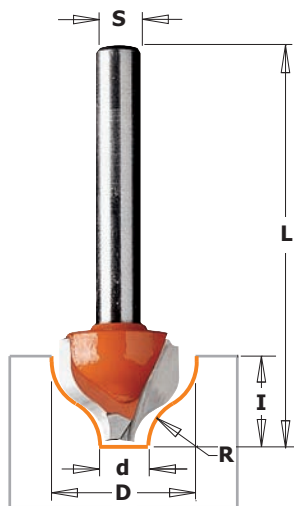
19	4	13	51,1	748.190.11B					791.007.00	541.003.00	991.056.00
19	4	13	51,1		848.190.11B				791.004.00	541.001.00	991.056.00
19	2,4	12	53	748.191.11B					791.007.00	541.003.00	991.056.00
19	2,4	12	53		848.191.11B				791.004.00	541.001.00	991.056.00
31,7	4	13	58			948.317.11B			791.015.00	541.002.00	991.056.00
31,7	4	13	58				948.817.11B		791.015.00	541.005.00	991.056.00
31,7	4	13	58					848.817.11B	791.015.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm screw

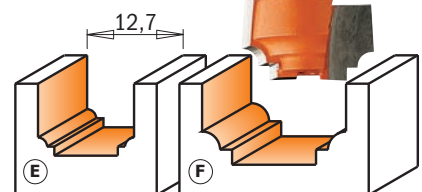
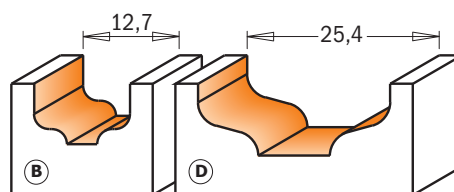
Decorative ogee bits

7/8/965

This new CMT bit produces a classic single or double edged bead. Ideal for creating a marked decorative effect on panel, door and drawer work.



Drawings are 1:1 scale



D mm	d mm	R mm	I mm	L mm	Profile	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
19	6,35	6,4	11	50,8	A	765.001.11	865.001.11	965.001.11	965.501.11	865.501.11
12,7	4	2	8	51	B		865.002.11	965.002.11		
19	6,35	3,2	13	68	C				965.503.11	865.503.11
25,4	9,5	3,2	9,5	49	D				965.504.11	865.504.11
12,7	8,4	1,2	12,7	50,8	E	765.101.11	865.101.11	965.101.11		
19	11,1	2,4	11	50,8	F	765.102.11	865.102.11	965.102.11		

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

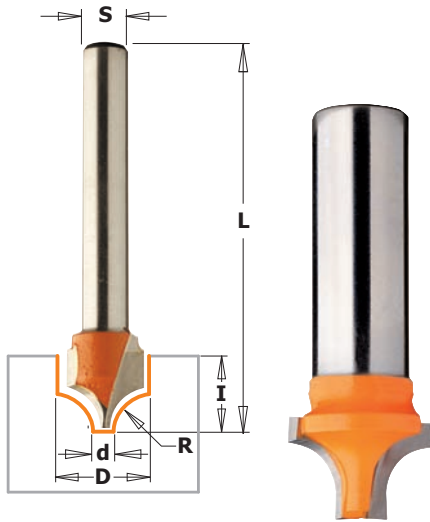
Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

Decorative ogee bits

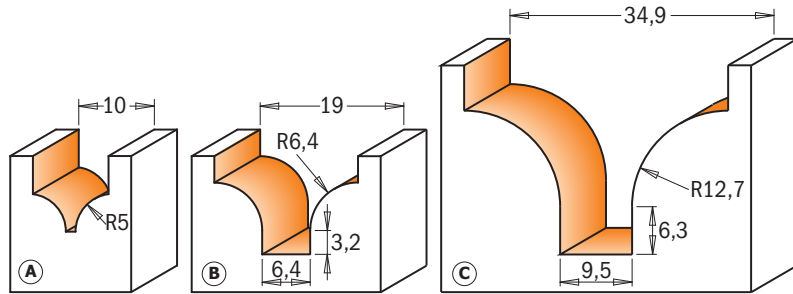


7/8/965



Enhance your doors and drawer fronts and leave your visitors amazed! This ogee bit cutting edges are carbide-tipped for effective, smooth and eye-catching work.

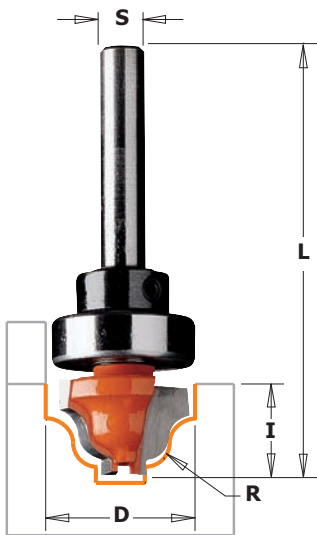
Make subtle decorative edges with this bit! Perfect for enhancing doors and drawer fronts, it will deliver smooth and flawless results. Carbide-tipped to ensure a clean, sharp and precise cut.



Drawings are 1:1 scale

D mm	d mm	R mm	I mm	L mm	Profile	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
10	1,3	5	10	50	A	765.402.11	865.402.11	965.402.11		
19,05	6,35	6,35	13	51	B				965.903.11	865.903.11
34,9	9,52	12,7	25	65,5	C				965.904.11	865.904.11

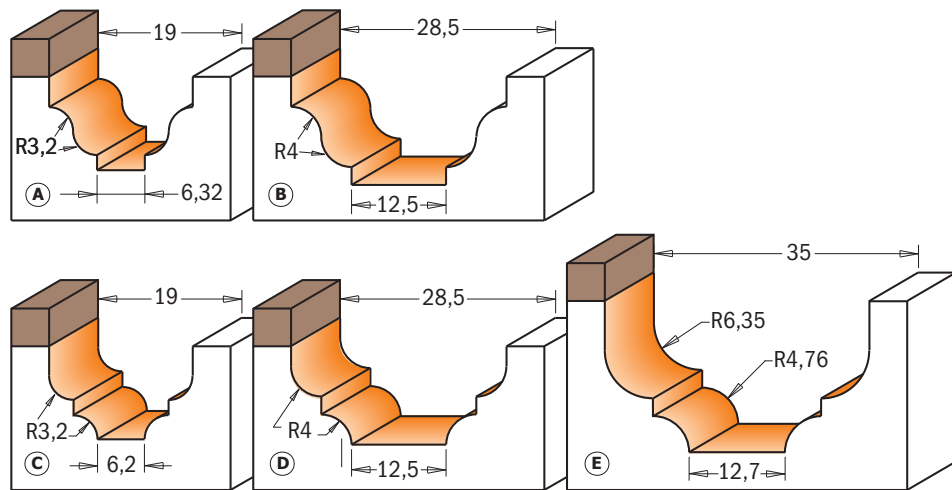
Classical bead bits



7/8/965B



This bit gives you even more decorative possibilities for panel and edge work. The bit design gives a wide flat bottom cut and a longer shank allows for a greater depth in the detail of the profile.



Drawings are 1:1 scale

D mm	R mm	I mm	L mm	Profile	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
19	3,2	12,3	54	A	765.201.11B							
19	3,2	12,3	54	A		865.201.11B				791.007.00	541.003.00	991.056.00
28,6	4	14,3	58,8	B			965.202.11B			791.004.00	541.001.00	991.056.00
28,6	4	14,3	58,8	B				965.702.11B		791.027.00	541.002.00	991.056.00
28,6	4	14,3	58,8	B					865.702.11B	791.027.00	541.005.00	991.056.00
19	3,2	12,3	54	C	765.301.11B					791.027.00	541.002.00	991.056.00
19	3,2	12,3	54	C		865.301.11B				791.007.00	541.003.00	991.056.00
28,6	4	13,3	58	D			965.302.11B		865.802.11B	791.004.00	541.001.00	991.056.00
28,6	4	13,3	58	D				965.802.11B		791.027.00	541.002.00	991.056.00
34,9	4,76 - 6,35	18,5	66,1	E			965.303.11B			791.027.00	541.005.00	991.056.00
34,9	4,76 - 6,35	18,5	66,1	E					865.803.11B	791.031.00	541.004.00	991.056.00
										791.029.00	541.002.00	991.056.00

Spare parts 990.005.00 M3x3mm screw

CMT Molding system

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

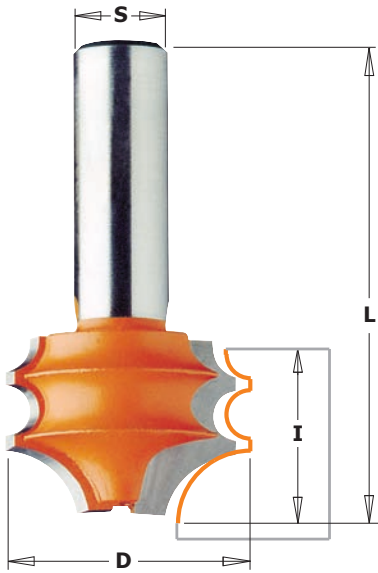
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets



8/956.852

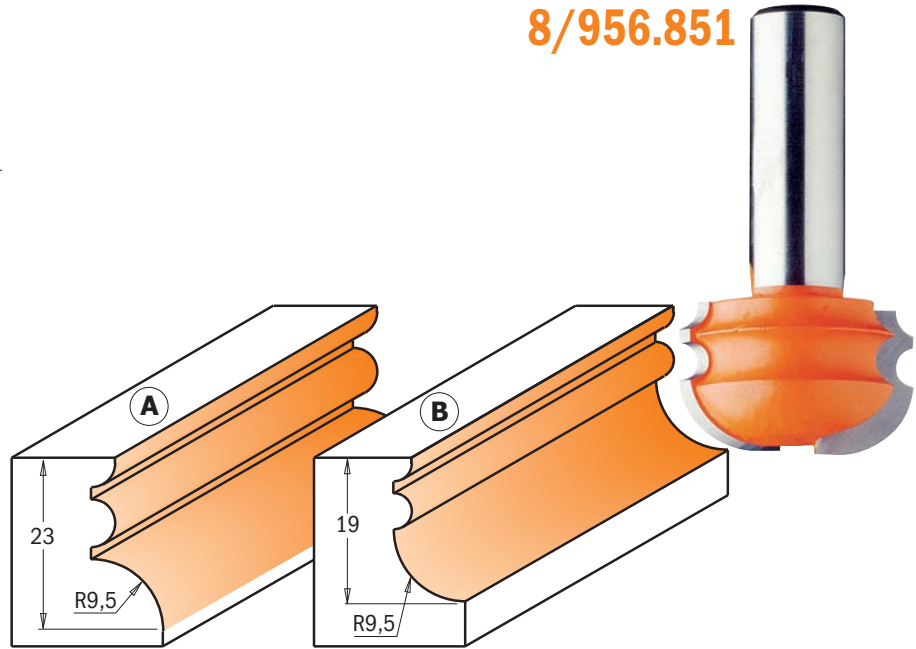
If the standard selection of molding and mill work you find in today's lumber shops isn't satisfactory to your woodworking tastes, then look to CMT's molding system instead. With these bits, you can make dozens of elaborate profiles by combining two or more passes. Avoid the average and create your own moldings. Some initial suggestions are illustrated below.

Safety tips: use these bits with a fence.

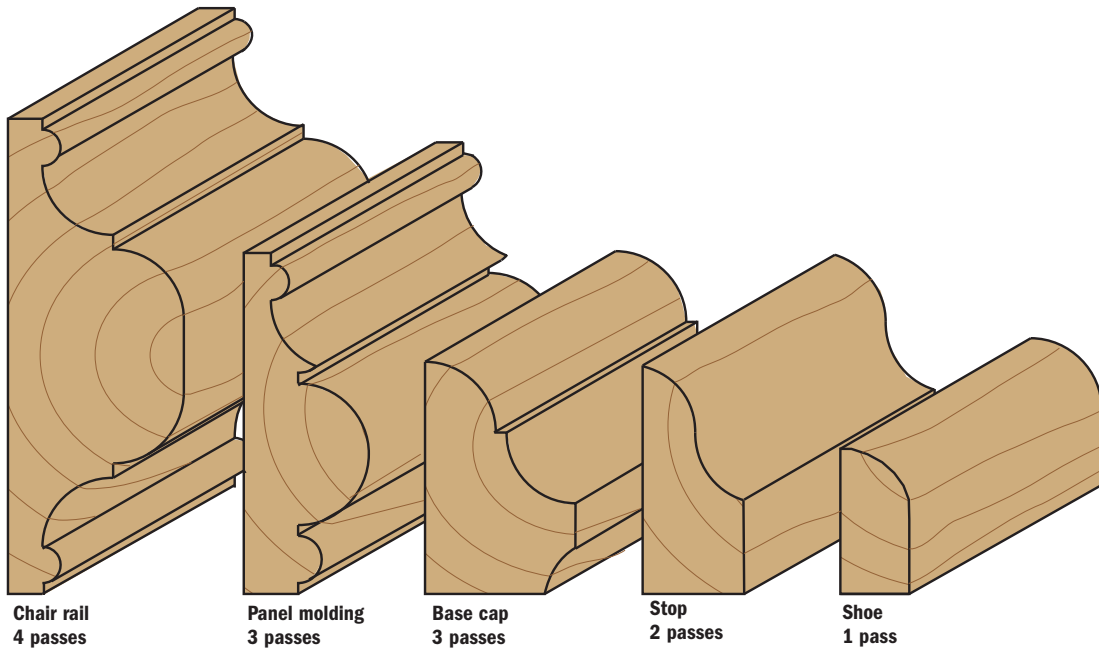
The profiles shown below are milled from heavy stock then refined to the desired shape.



8/956.851



Drawings are 1:1 scale



Chair rail
4 passes

Panel molding
3 passes

Base cap
3 passes

Stop
2 passes

Shoe
1 pass

Profile	D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
A	31,7	23	61,1	956.852.11	856.852.11
B	31,7	19	57,2	956.851.11	856.851.11

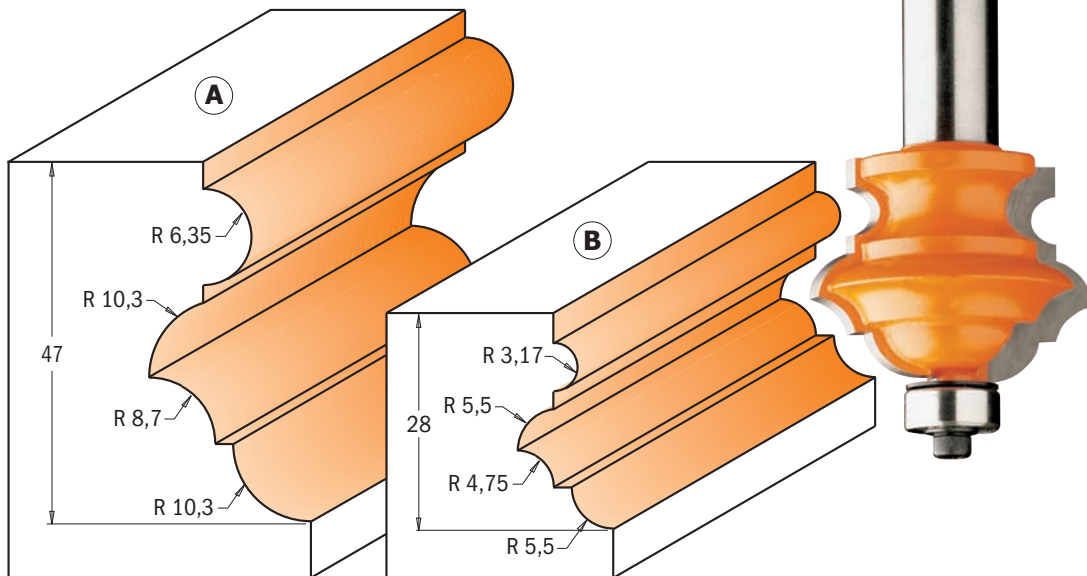
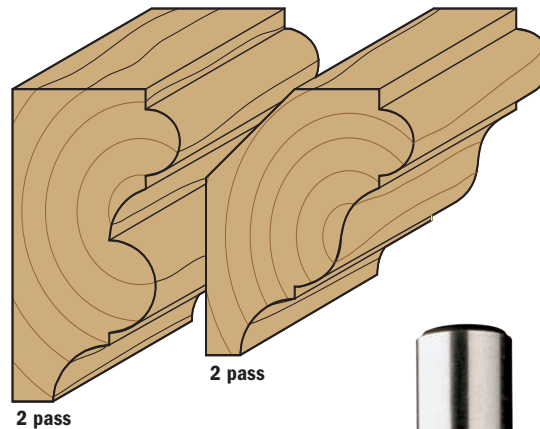
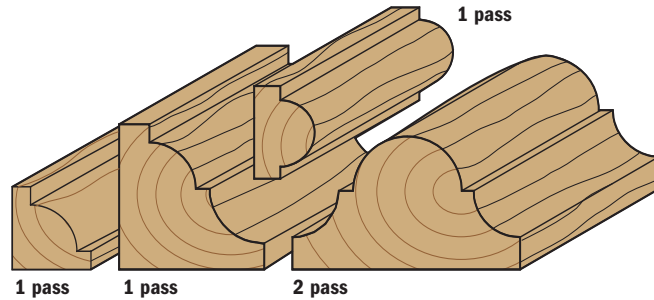
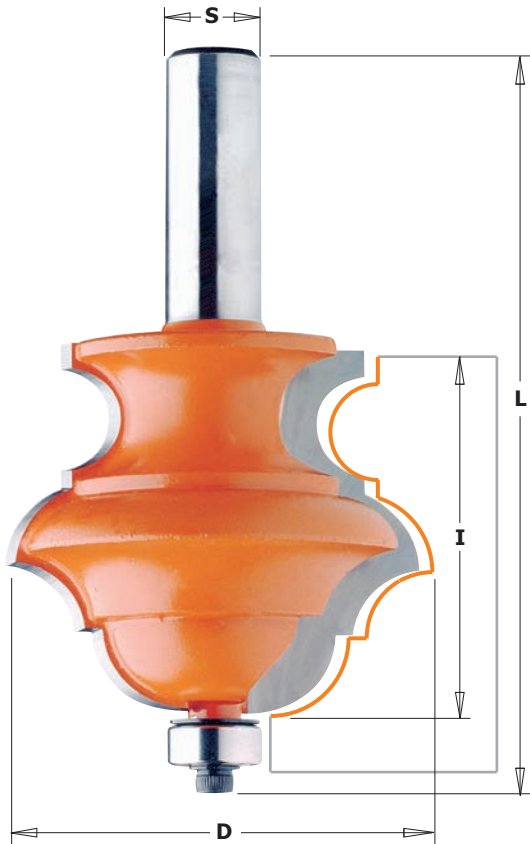
Multiprofile bits



8/956.8

Create endless profiles with CMT multiprofile bits. Simply adjust the height of the bit to create classic profiles in one single pass, or make more complex decorative effects in multiple passes. The bit's super-strength steel body can withstand long-lasting cutting operations, and the micro-grain carbide tips remain sharp longer for superior performance. In addition, these bits feature baked-on non-stick PTFE coating and anti-kickback design. To be used on tables equipped with a fence.

Safety tips: to make small molding as shown below, cut the profile from very wide stock. Remove the excess material and work on the bigger piece to give you easier control. Keep hands far from the bit when working.



Drawings are 1:1 scale

Profile	D mm	I mm	L mm	ORDER NO.	ORDER NO.	Spare parts			
				S=Ø12mm	S=Ø12,7mm				
A	55,6	47	96,4	956.802.11	856.802.11	990.423.00	791.003.00	990.058.00	991.057.00
B	38,1	28	77,5	956.801.11	856.801.11	990.423.00	791.003.00	990.058.00	991.057.00

Molding bits

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

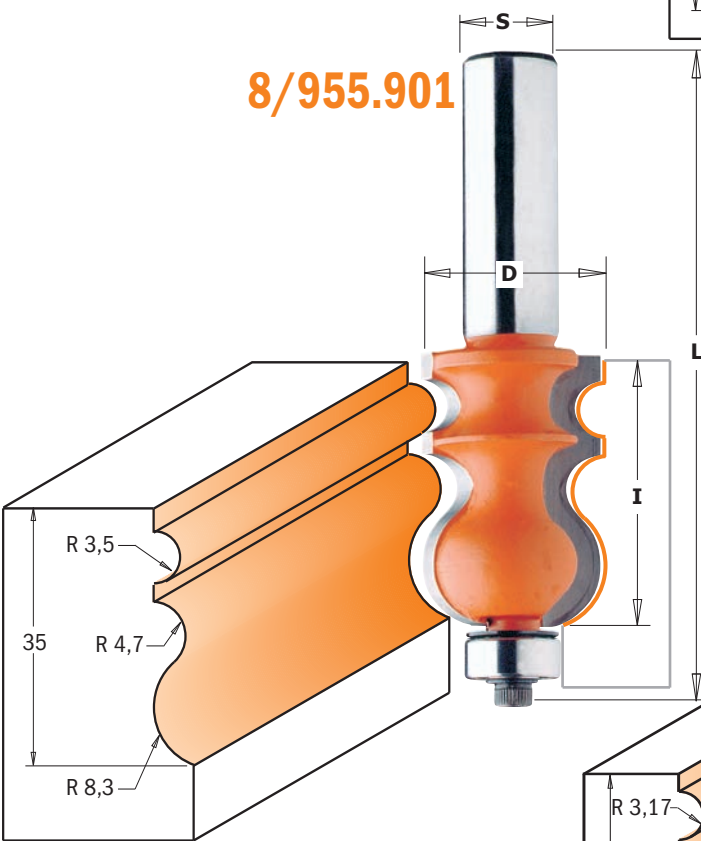
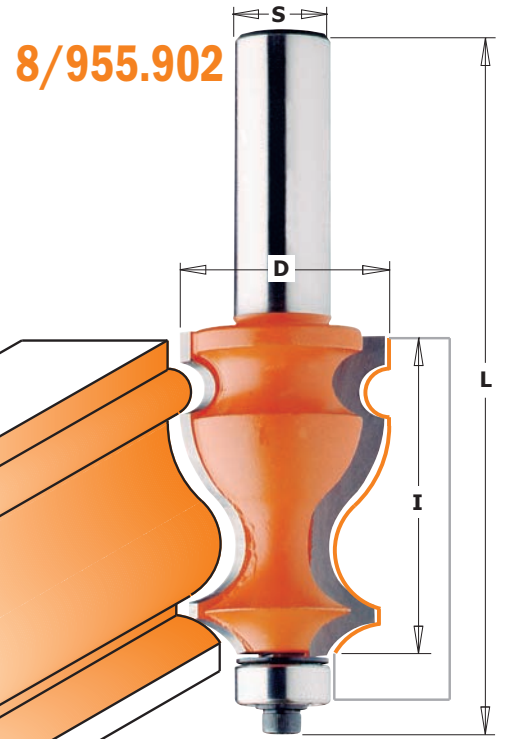
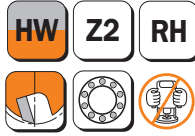
Bits for Hand Power Tools

Spare Parts

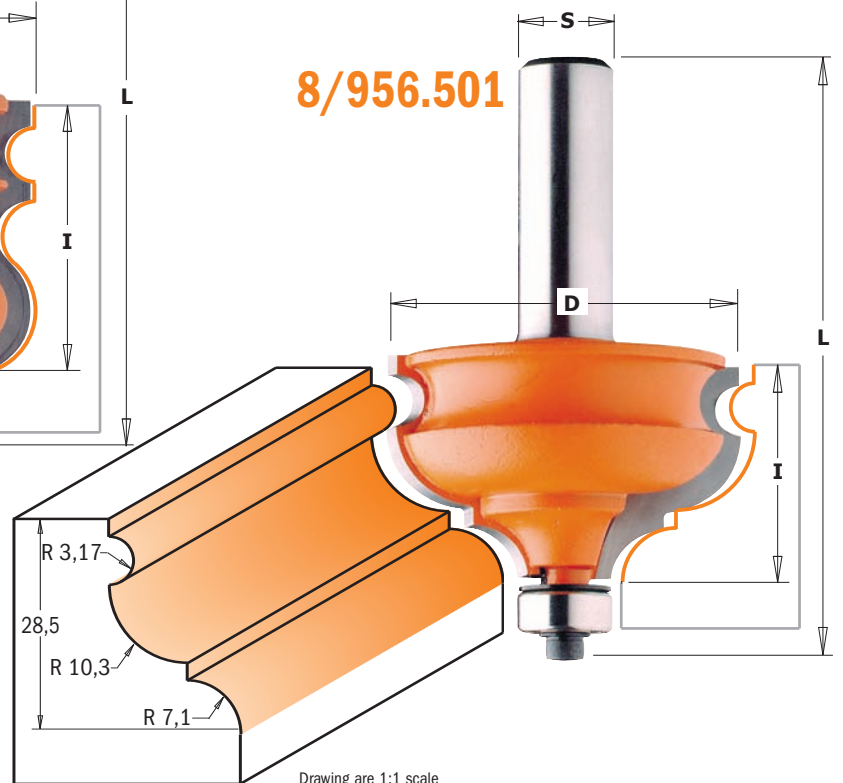
Power Tools & Accessories

Display Cabinets

Why waste time searching for a particular style of frame molding when you can just as quickly and easily make your own. With the wide range of decorative possibilities offered by CMT molding bits, you can always create the edge profile you want, anywhere you want and any time you want. These CMT bits are made to last a lifetime - carbide-tipped cutters and solid bar stock steel shanks can withstand serious use and the baked-on non-stick PTFE coating makes sure you continuously get clean, smooth-running cuts. Our anti-kickback feature helps guarantee you work more safely when using these wide profile bits.



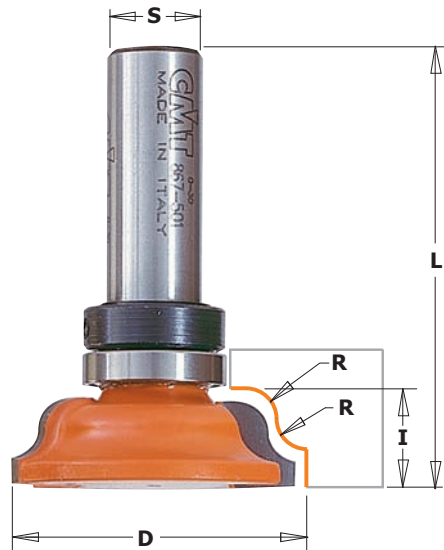
Drawing are 1:1 scale



Drawing are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
23,8	35	83,8	955.901.11	855.901.11				
27	41	90,2	955.902.11	855.902.11	990.423.00	791.003.00	990.058.00	991.057.00
47,5	28,5	77,4	956.501.11	856.501.11	990.423.00	791.003.00	990.058.00	991.057.00

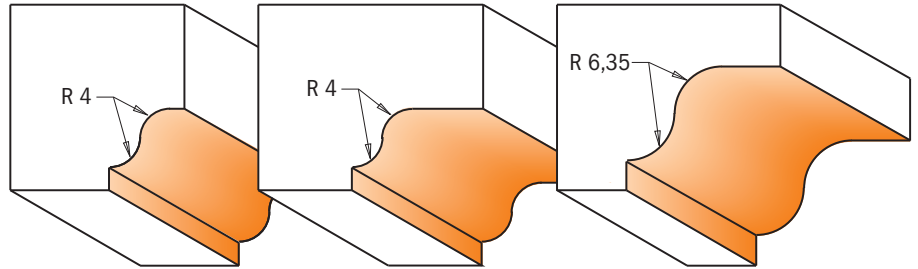
Molding bits







8/967.5B



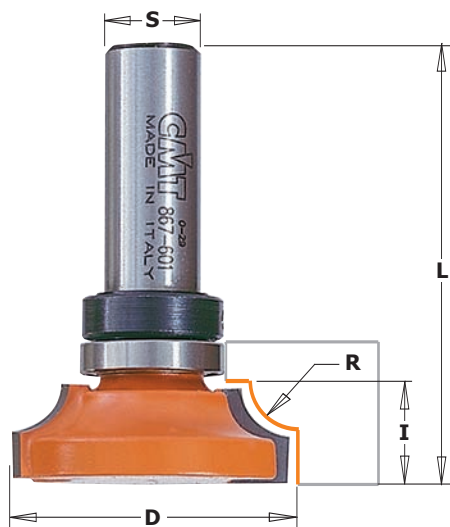
CMT's new molding bits designed by Lonnie Bird allow you to shape elegant moldings with your table saw and router. Unlike any commercially available crown moldings, moldings made with these bits are easy to install and create a finished appearance. After shaping the cove, you can use special router bits with inverted profiles to create different edges and complete the molding.



Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
4	39,5	11,5	57	967.001.11B	967.501.11B	867.501.11B				
4	54	11,5	65,9		967.502.11B	867.502.11B	791.011.00	541.002.00	990.005.00	991.056.00
6,35	60,5	17,3	71,7		967.503.11B	867.503.11B	791.011.00	541.002.00	990.005.00	991.056.00

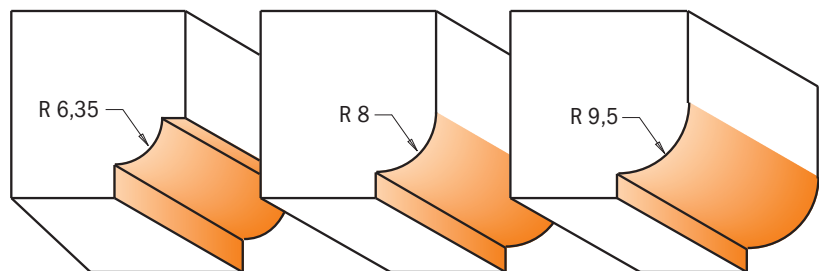
Molding bits







8/967.6B



CMT's new molding bits designed by Lonnie Bird allow you to shape elegant moldings with your table saw and router. Unlike any commercially available crown moldings, moldings made with these bits are easy to install and create a finished appearance. After shaping the cove, you can use special router bits with inverted profiles to create different edges and complete the molding.



Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
6,35	38	12,5	57	967.101.11B	967.601.11B	867.601.11B				
8	35	13,2	57,7	967.102.11B	967.602.11B	867.602.11B	791.011.00	541.002.00	990.005.00	991.056.00
9,5	38	14,5	59	967.103.11B	967.603.11B	867.603.11B	791.011.00	541.002.00	990.005.00	991.056.00

Finger pull bit

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

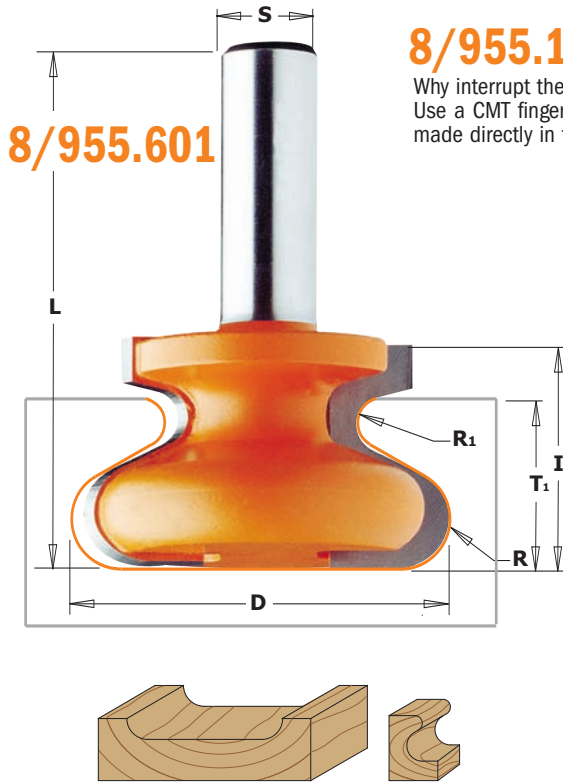
Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

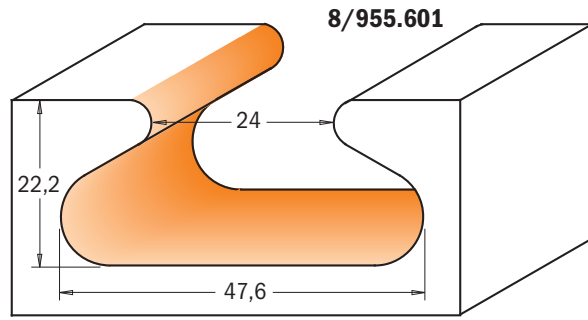
Power Tools & Accessories

Display Cabinets



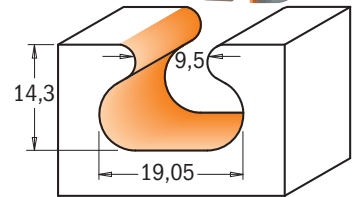
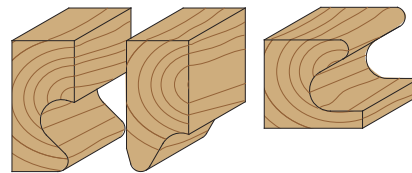
8/955.102-602

Why interrupt the subtle linearity of an all-wood drawer front or cabinet door with a metal knob or handle? Use a CMT finger pull bit and make a harmonious wooden handle. Choose your preference - a template profile made directly in the wood or a European-style hardwood pull as illustrated below.



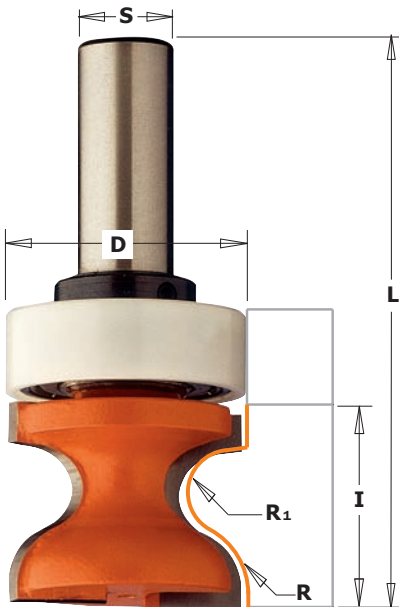
Drawings are 1:1 scale

855.602
955.102



D mm	T ₁ mm	I mm	R mm	R ₁ mm	L mm	ORDER NO. S=∅8mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm
19,05	14,3	19,05	4,76	2,4	57,2	955.102.11		855.602.11
47,6	22,2	28,5	6,35	3,2	66,6		955.601.11	855.601.11

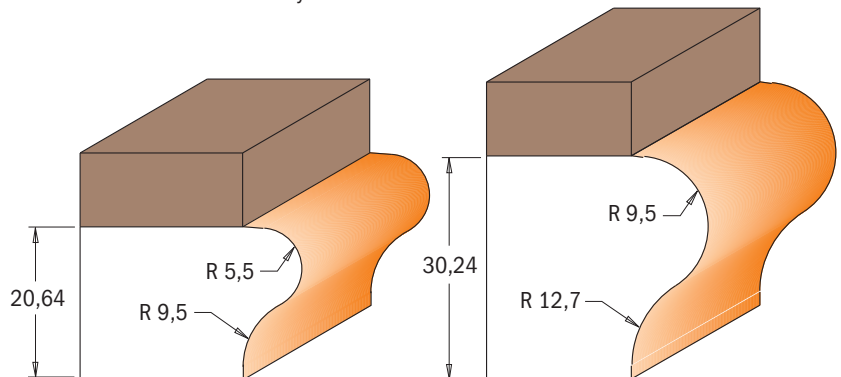
Window sill and finger bits



8/955.804 - 8/955.805 8/955.804B - 8/955.805B



These profiles were originally intended for shaping the edges of window sills. Now these bits are also used for creating finger pulls on the edges of doors and drawers. These bits are available with top bearings for curved template work or without bearings for straight cuts against a fence. Recommended for router table use only.



Drawings are 1:1 scale

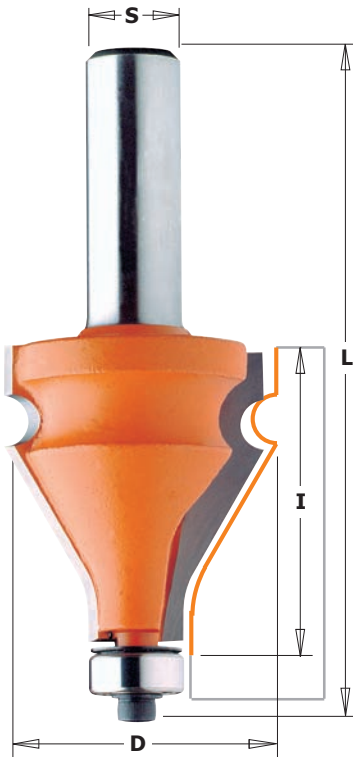
R ₁ mm	R mm	D mm	I mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm
5,5	9,5	31,7	25,4	73	955.804.11	855.804.11
9,5	12,7	38,1	35	85,8	955.805.11	855.805.11
with top bearing						
5,5	9,5	31,7	25,4	73	955.804.11B	
5,5	9,5	31,7	25,4	73		855.804.11B
9,5	12,7	38,1	35	85,8	955.805.11B	
9,5	12,7	38,1	35	85,8		855.805.11B

Spare parts



791.015.00	541.005.00	990.005.00	991.056.00
791.015.00	541.002.00	990.005.00	991.056.00
791.020.00	541.005.00	990.005.00	991.056.00
791.020.00	541.002.00	990.005.00	991.056.00

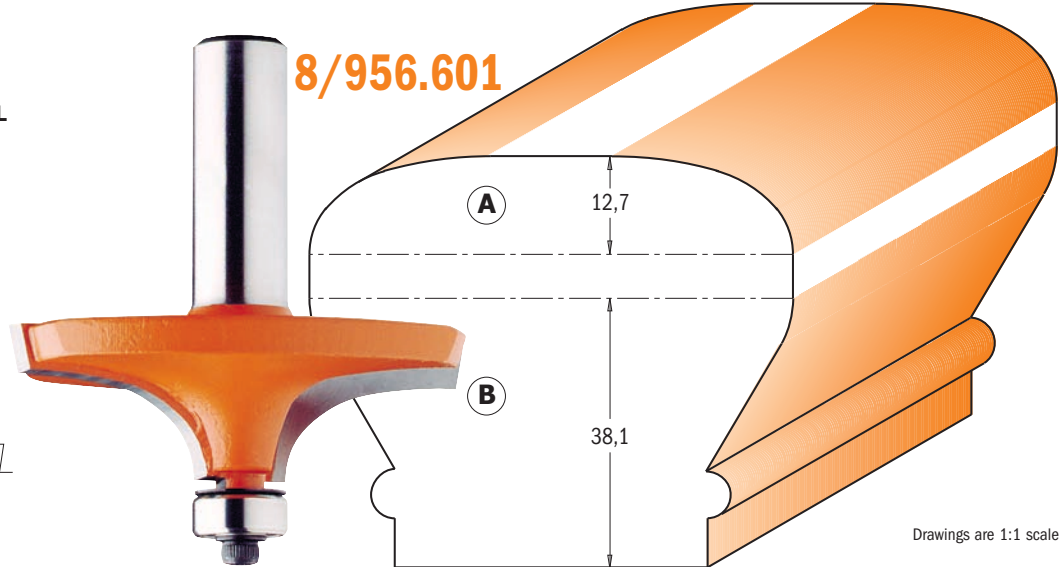
Table edge and hand rail bits



8/956.701

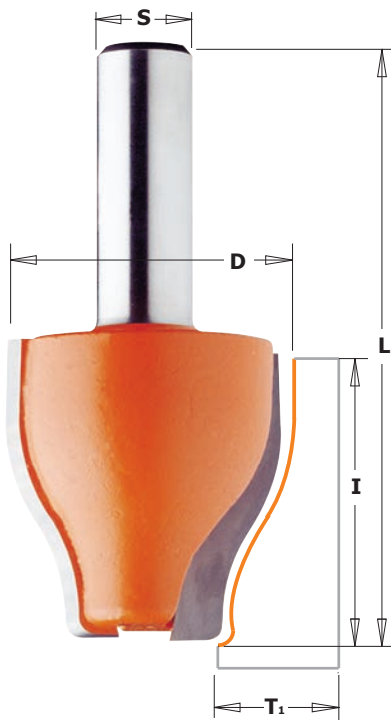
Turn a small investment into a big return with these CMT bits! They give you well-proportioned smooth curves for elegant eye-catching work on your tables. CMT hand rail bits feature 30° bevel edge and 3,2mm bead that allow you to make beautiful and functional hand rails. Add a touch of class to your architectural settings!

Safety tips: these profile bits remove large amounts of stock and make consistent quantities of dust. We recommend using a vacuum to keep the work area safe.



Profile	D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts				
A	63,5	19	67,9	956.601.11	856.601.11					990.423.00 791.003.00 990.058.00 991.057.00
B	35	38	87	956.701.11	856.701.11					990.423.00 791.003.00 990.058.00 991.057.00

Vertical raised panel bits



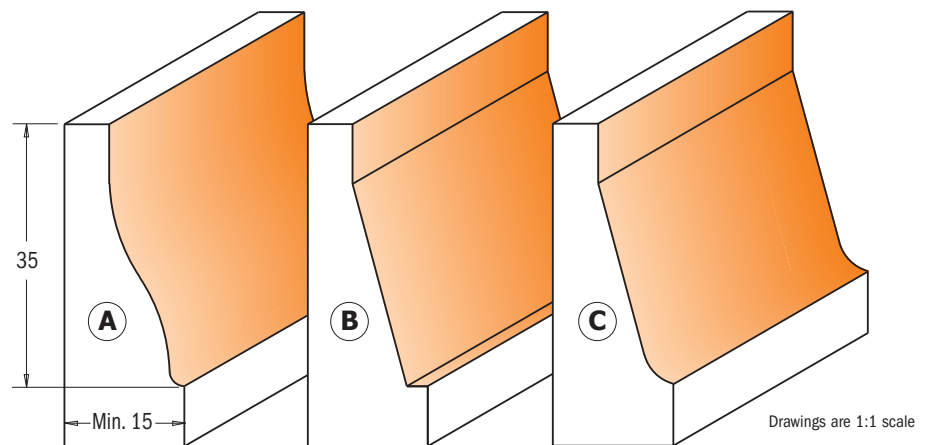
8/990.6



Mill raised panel doors and drawer fronts easily and economically just by putting a CMT vertical raised panel bit in your router* and a sturdy 90° fence on your router table. Meticulously studied, designed and crafted using the highest technology available, these bits are perfected down to the smallest detail. And just like any true craftsman, we are as proud of our work as you are of yours. Choose any of the three vertical profile designs for the style you want.

* Recommended for use on routers with a minimum speed of 2-1/4 HP. Routers as low-powered as 1-1/2 HP can be used but we suggest limiting their use to shorter, shallower runs.

Safety Tips: the template must be at least 150mm and clamps should be used whenever possible. Three to five passes are recommended to safely and accurately obtain the profile you desire.



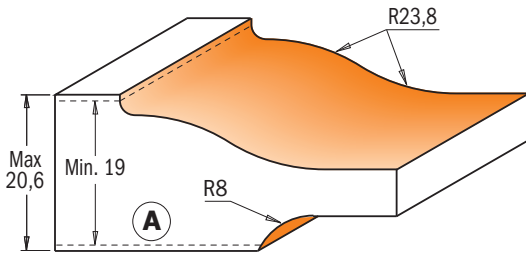
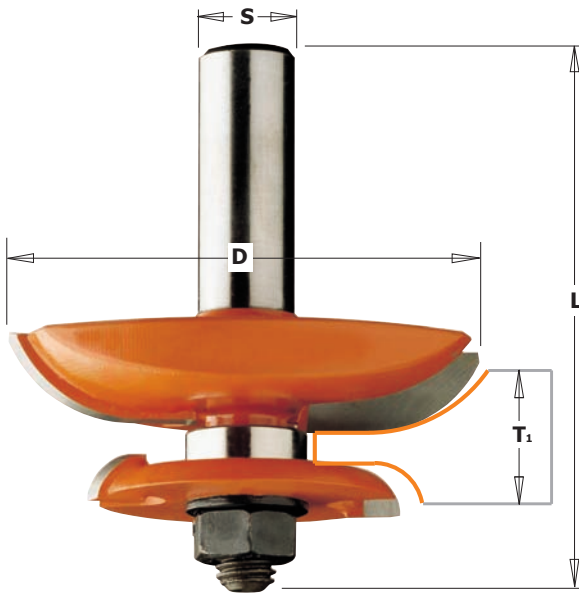
Profile	D mm	I mm	T ₁ mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
A	38	38	15 ÷ 18	76,2	990.601.11	890.601.11
B	38	38	15 ÷ 18	76,2	990.602.11	890.602.11
C	38	38	15 ÷ 18	76,2	990.603.11	890.603.11

Raised panel bit with back cutter

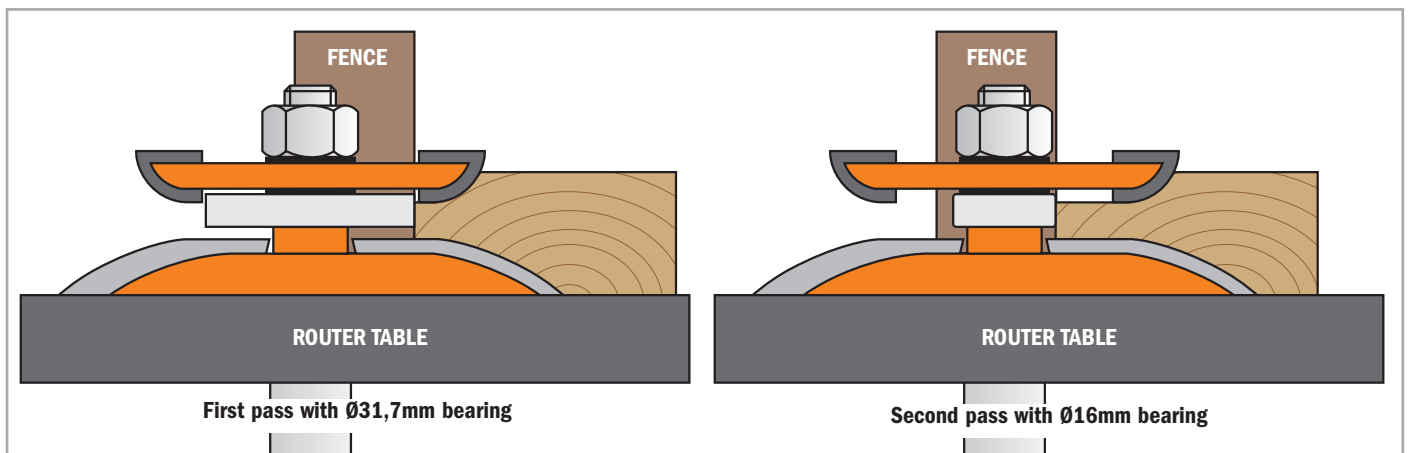
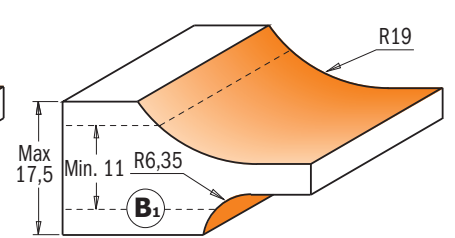
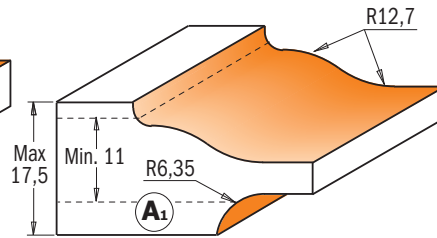
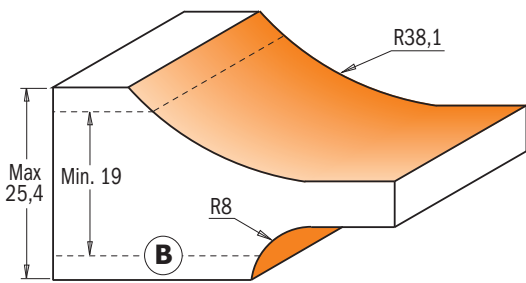
8/990



This 89mm diameter bit has a back-cutter which allows milling of both the front and back of the panel in the same cut. An additional 31,7mm diameter bearing promotes safety by allowing you to take two shallow passes.



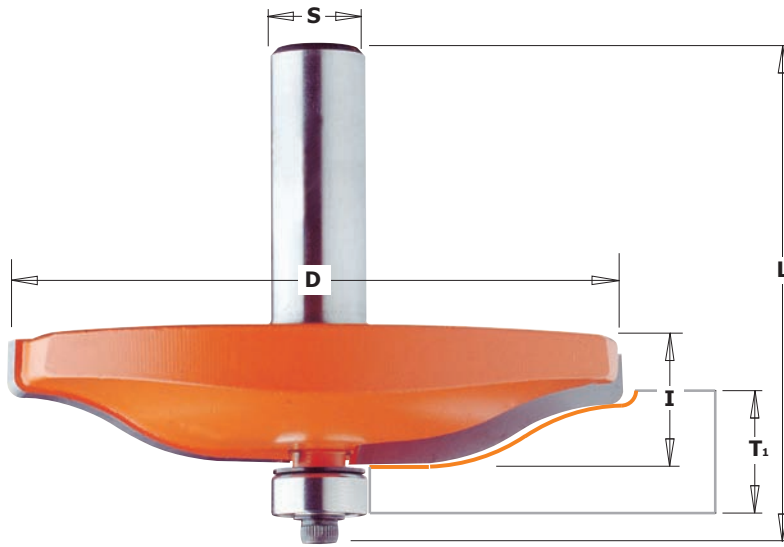
Drawings are 1:1 scale



Profile	D mm	T ₁ mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm	Spare parts				
A	89	19 - 20,6	78,1	990.524.11	890.524.11					822.007.11 791.025.00 791.033.00 990.020.00
B	89	19 - 25,4	78,1	990.527.11	890.527.11					822.007.11 791.025.00 791.033.00 990.020.00
A ₁	63,5	11,1 - 17,5	70	990.534.11	890.534.11					822.010.11 791.025.00 791.033.00 990.020.00
B ₁	63,5	11,1 - 17,5	70	990.537.11	890.537.11					822.010.11 791.025.00 791.033.00 990.020.00

Spare parts
 541.515.00 0,1mm spacer
 541.516.00 0,3mm spacer
 541.518.00 1,0mm spacer
 990.407.00 Shield conical

Raised panel bits



8/990.5



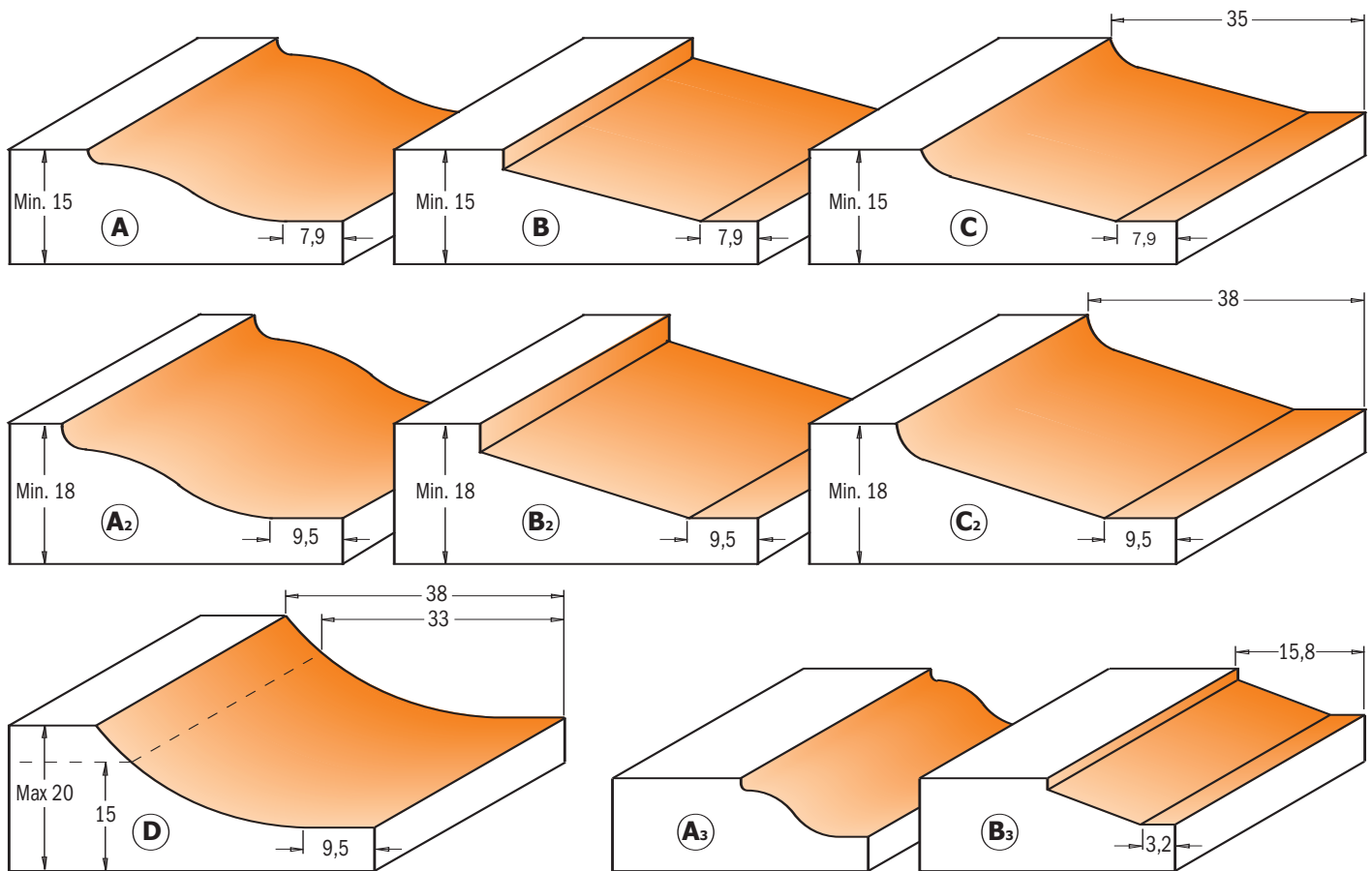
We offer you the traditional approach to panel construction with the CMT raised panel bit. Make classic raised panel doors as shown in the profiles below.

These raised panel bits have carbide-faced cutting edges and are equipped with our anti-kickback design and orange non-stick coating to further increase your safety when working with larger diameter bits.

Safety Tips: Horizontally employed bits should be used at a lower speed, between 10,000 and 12,000 RPMs.

Three to five passes are recommended to safely and accurately obtain the profile you desire.

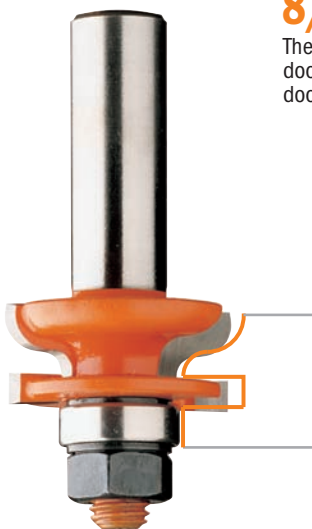
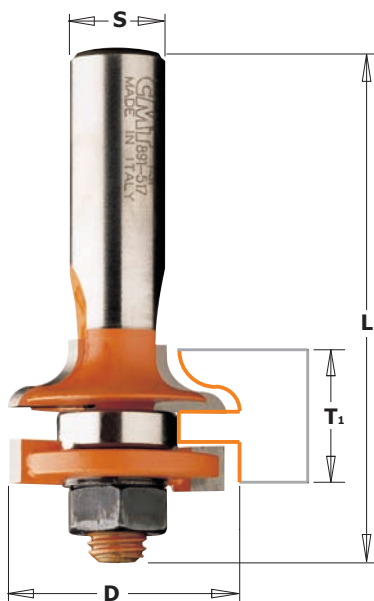
To be used on jigs with at least 2-1/4 HP.



Drawings are 1:1 scale

Profile	D mm	I mm	L mm	T ₁ mm	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts			
					S=Ø8mm	S=Ø12mm	S=Ø12,7mm				
A	82,5	15	63,8	15 ÷ 18		990.501.11	890.501.11	990.423.00	791.003.00	990.058.00	991.057.00
B	82,5	15	63,8	15 ÷ 18		990.502.11	890.502.11	990.423.00	791.003.00	990.058.00	991.057.00
C	82,5	15	64,6	15 ÷ 18		990.503.11	890.503.11	990.423.00	791.003.00	990.058.00	991.057.00
A ₂	89	15	64,6	18 ÷ 20		990.504.11	890.504.11	990.423.00	791.003.00	990.058.00	991.057.00
B ₂	89	15	64,6	18 ÷ 20		990.505.11	890.505.11	990.423.00	791.003.00	990.058.00	991.057.00
C ₂	89	15	64,6	18 ÷ 20		990.506.11	890.506.11	990.423.00	791.003.00	990.058.00	991.057.00
D	89	15	64,6	15 ÷ 20		990.507.11	890.507.11	990.423.00	791.003.00	990.058.00	991.057.00
A ₃	47,6	9,5	58,1	12,7 ÷ 15	990.011.11			990.423.00	791.003.00	990.058.00	991.057.00
B ₃	47,6	9,5	58,1	12,7 ÷ 15	990.012.11		890.512.11	990.423.00	791.003.00	990.058.00	991.057.00

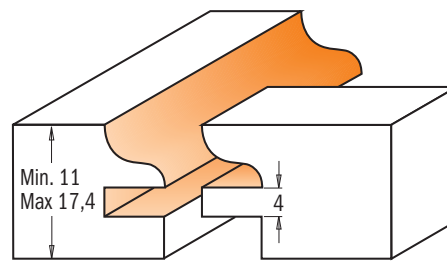
Junior ogee rail and stile set





8/991.517



These bits are designed for those special projects that require a smaller panel door. Use these bits with stock from 11,1mm to 17,4mm thick, and build doors as small as 70mm.

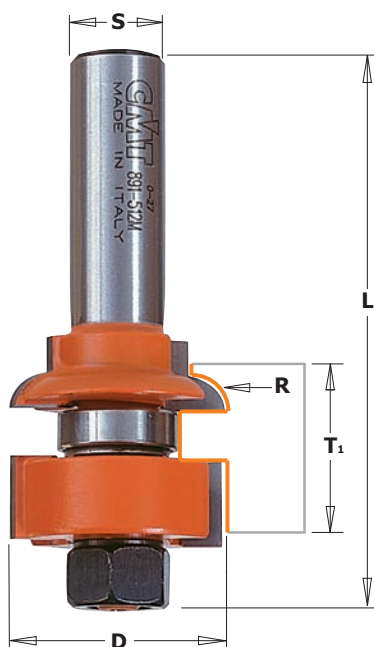


Drawings are 1:1 scale

D mm	T ₁ mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
31,75	11÷17,4	67	991.517.11	891.517.11	 4mm	 6mm		

Spare parts
541.515.00 0,1mm spacer
541.516.00 0,3mm spacer
541.518.00 1,0mm spacer

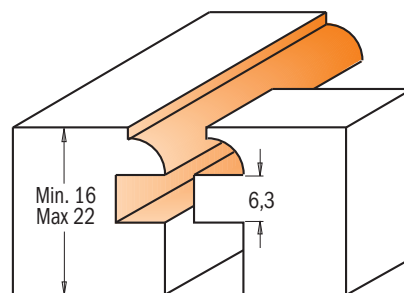
Rail and stile set




8/991.512



Designed for fine furniture construction, these bits mill a delicate 4,75mm thumbnail profile in stock from 15,8mm to 20,6mm.

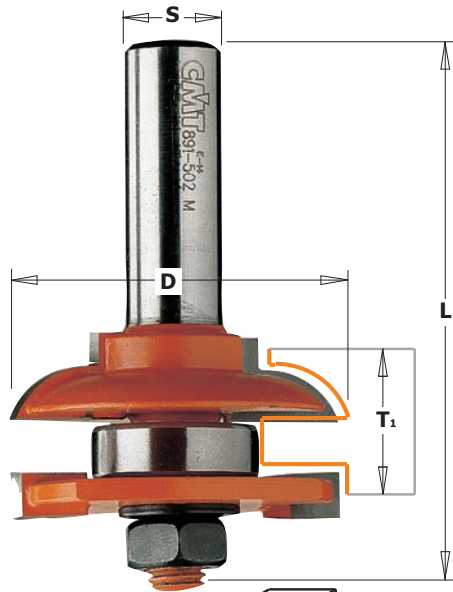


Drawings are 1:1 scale

D mm	T ₁ mm	R mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts			
28,7	16÷22	4,8	79,2	991.012.11	891.512.11	 6,35mm	 10,8mm		

Spare parts
541.515.00 0,1mm spacer
541.516.00 0,3mm spacer
541.518.00 1,0mm spacer

Rail & Stile sets

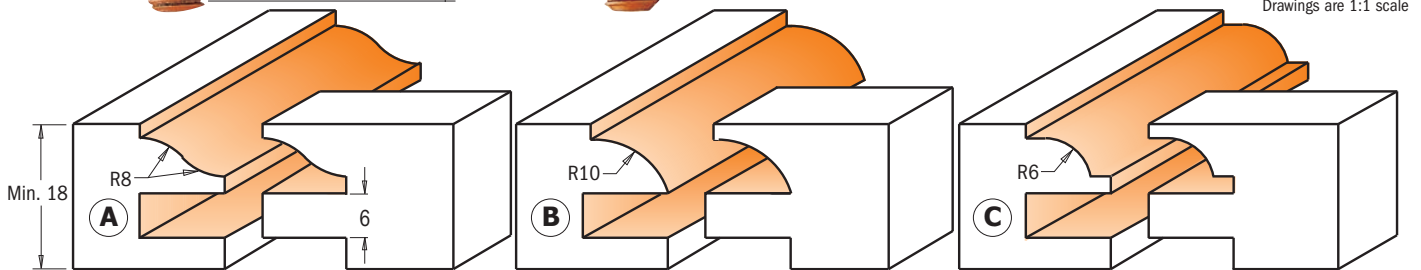


8/991.5



A well-constructed door will bear the mark of a perfect joint-clean, exact and well-crafted for strength. For this project, the CMT male-female rail and stile sets are the perfect pair. Made to our specifications they match exactly; not simply approximated like standard reversible cutters.

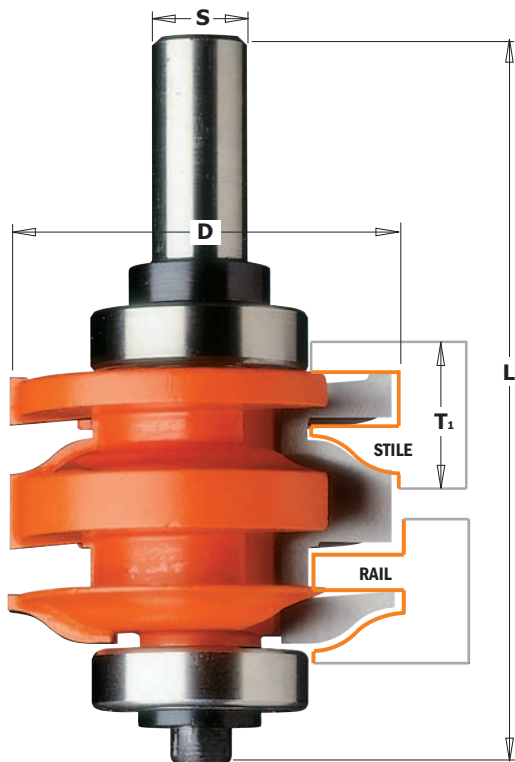
Choose the style of CMT rail and stile set that best suits your needs and create smooth, perfect joints in hard and soft woods with accuracy and speed. Perfect for working in stock from 18mm to 22mm. See chart and illustrations below for profile options available.



Drawings are 1:1 scale

Profile	D mm	L mm	T ₁ mm	ORDER NO.	ORDER NO.	ORDER NO.	Spare parts					
				S=Ø8mm	S=Ø12mm	S=Ø12,7mm	Router	Flange	Flange	Flange	Flange	Hex Nut
A	44,4	71	18 ÷ 22	991.001.11	991.501.11	891.501.11	822.003.11	791.012.00	541.515.00	514.516.00	990.407.00	990.020.00
B	44,4	71	18 ÷ 22		991.502.11	891.502.11	822.003.11	791.012.00	541.515.00	514.516.00	990.407.00	990.020.00
C	44,4	71	18 ÷ 22		991.503.11	891.503.11	822.003.11	791.012.00	541.515.00	514.516.00	990.407.00	990.020.00

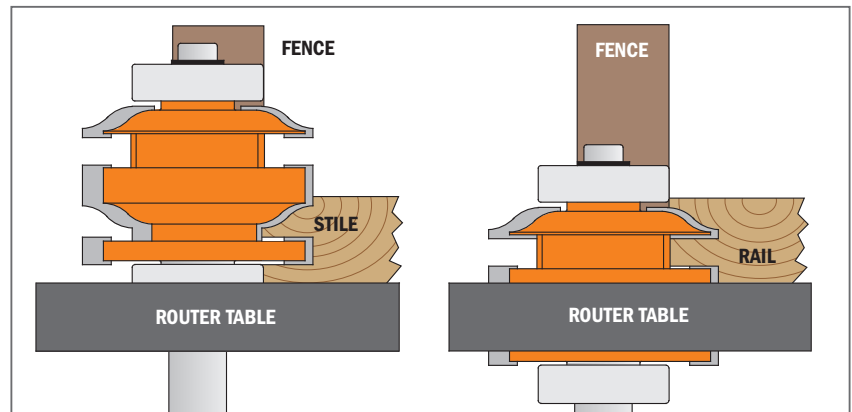
Rail & Stile sets



8/991.521



The most innovative bit for the construction of furniture doors and drawers. The new CMT One-Piece Rail and Stile Bit represents the union of two cutters in one bit. By simply adjusting the height of the bit, you can cut two perfectly joining profiles with no wasted time or effort moving the fence or changing the bit. Save money by investing in a single CMT bit and a more efficient production. For working in stock from 18mm to 22,2mm.



Profile	D mm	L mm	T ₁ mm	ORDER NO.	ORDER NO.	Spare parts						
				S=Ø12mm	S=Ø12,7mm	Router	Flange	Flange	Flange	Flange	Hex Nut	Hex Nut
A	50,87	87,5	18 ÷ 22		891.521.11	791.027.00	541.002.00	990.005.00	991.056.00	541.551.00	990.010.00	991.064.00
A	50,87	87,5	18 ÷ 22	991.521.11		791.027.00	541.005.00	990.005.00	991.056.00	541.551.00	990.010.00	991.064.00

The ABC's of panel door construction

Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

Display Cabinets

In our step-by-step example of panel door construction, we used the following:

- CMT Rail & Stile set (item #891.502.11)
- CMT Reverse Glue Joint (item #855.501.11)
- pre-cut to length stiles - 19mm thick x 57mm wide
- pre-cut to length rails - 19mm thick x 57mm wide
- panel - 16mm thick
- scrap stock

The CMT Rail & Stile set was designed ideally for the construction of panel doors from 19mm thick stock, however any variation of size up to 22mm thick can be used. Remember to adjust your measurements and cutting depths according to the wood thickness you use.

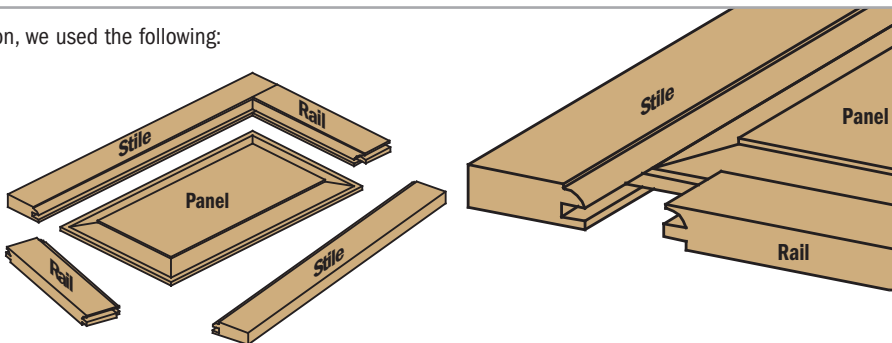


ILLUSTRATION A

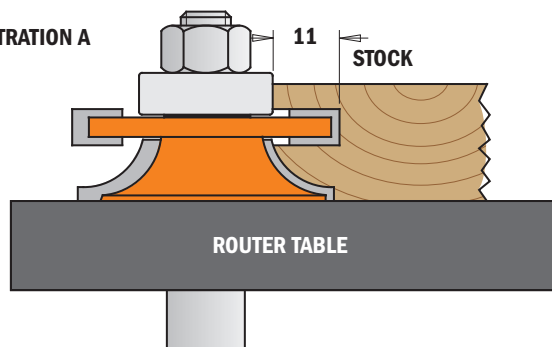
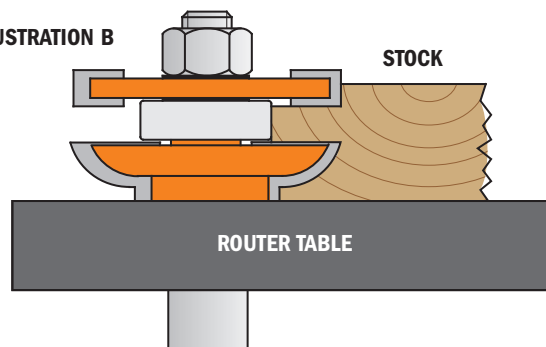


ILLUSTRATION B



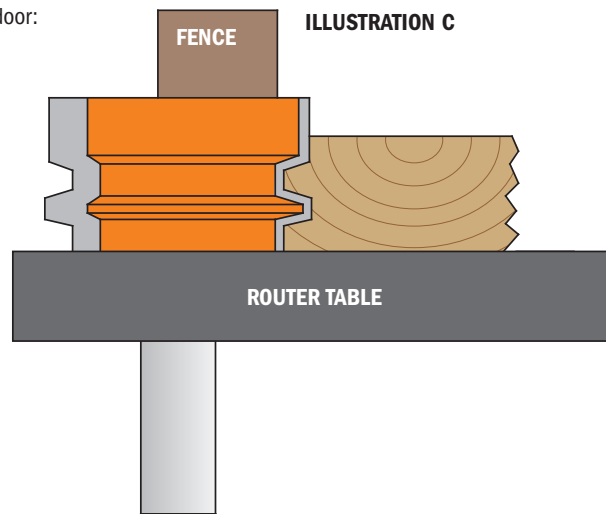
MILLING THE RAILS AND STILES

First make trial cuts of the cope profile (rail) and the stick profile (stile) in scrap stock and check the accuracy of the joint. This is extremely important when working at maximum thickness (22mm). Make sure your stock is flat and cut straight with square edges. Using the CMT Stile Bit shown in illustration A, place the stock front face-down on the router table and mill the stick profile in the stile and rail pieces. To mill the rails, use the CMT Rail Bit shown in illustration A, position the rails face-down on the router table and mill the cope profile in the ends. If you are milling cope and stick profiles before cutting the rails and stiles to length, be sure to make the proper calculations before cutting the rails. The stiles are the same length as the door. The rails must be calculated by the following equation (CMT standard tenon length is 22mm):
 (total door width - sum of stile widths) + sum of 2 tenons = total rail length
 therefore, using our example measurements listed above, for a 300mm cabinet door:
 $300 - 114 + 22 = 208\text{mm}$

GLUEING UP PANELS

If the panel requires a width greater than the width of your stock, you will need to edge glue stock for the central floating panel. This is simply accomplished using the CMT Reverse Glue Joint bit. For making a two panel glue joint, place the first panel front face down on the router table and accurately centre the wood to the bit. Adjust the bit according to the thickness of the wood you are cutting by lining up the cut edge of the wood to the centre point of the bit as illustrated in illustration B and mill the cut edge of the wood. Place the second panel front face up and repeat the milling process. This assures you will have the best side of your stock as a front face. If a third panel is required, mill one cut edge of the piece as instructed above, turn the piece over and run the other edge. Assemble the reverse cut pairs together for beautiful, strong joints that match up perfectly.

ILLUSTRATION C



MILLING THE FLOATING PANEL

Make trial cuts in scrap stock to create a tongue that fits snugly into the groove in the stile without forcing it. To cut your panel to size be sure to make the proper calculations, taking into account the length of the tongue. The CMT Raised Panel Bit in our example has a standard tongue length of 8mm (The New CMT Raised Panel Bit profile has a 9,5mm tongue).

Use the following equation:

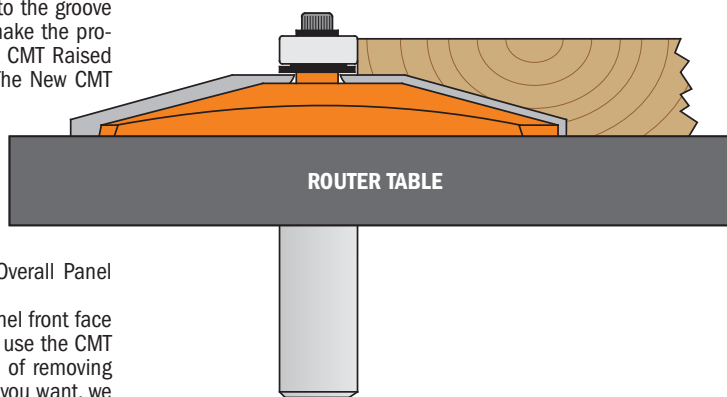
$$(\text{Total door length} - \text{Sum of Stile widths}) + \text{Sum of 2 Tongues} = \text{Overall Panel Length}$$

Therefore, using our example measurements listed above for a 600mm long cabinet door: $(600 - 114) + 16\text{mm} = 502\text{mm}$

And accordingly:

$$(\text{Total door width} - \text{Sum of Stile widths}) + \text{Sum of 2 Tongues} = \text{Overall Panel Width}$$

Once the panel has been cut to proper dimensions, position the panel front face side down on the router table tongue as shown in illustration C and use the CMT Raised Panel Bit to mill the tongue. ATTENTION: this bit is capable of removing large amounts of stock. To safely and effectively produce the profile you want, we suggest making several shallow passes. It can be dangerous to try to mill the entire profile in a single run.



Stile & panel router bits

8/970



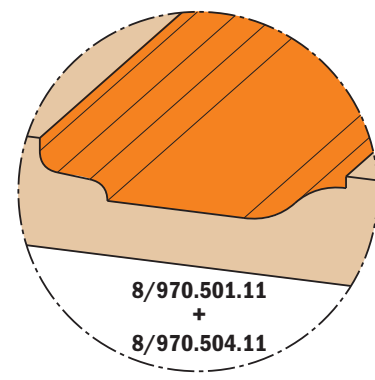
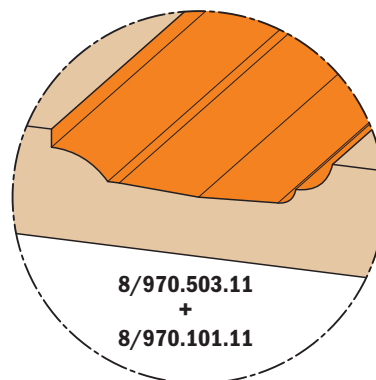
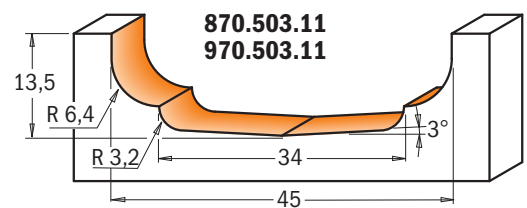
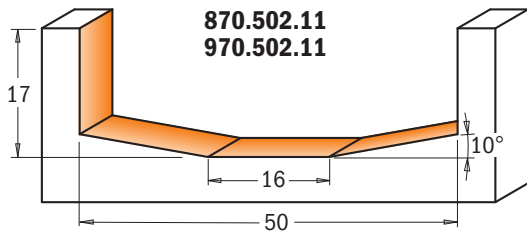
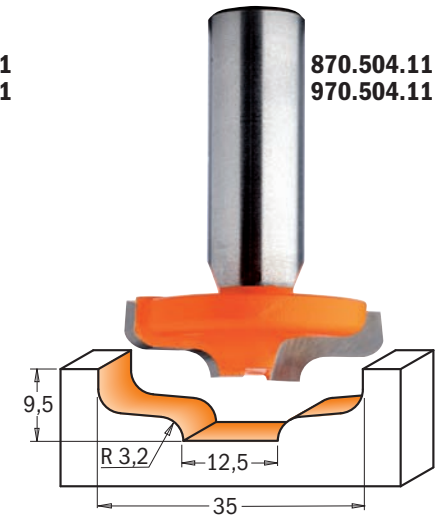
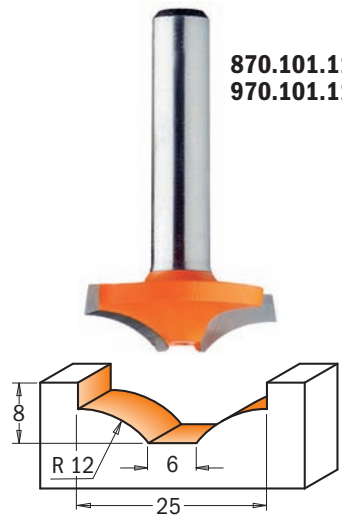
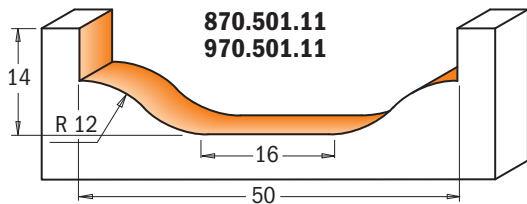
These bits can be used for decorative work on solid wood panels and MDF materials. Use them in one pass or in combination with CMT's MDF panel bits for complex and intricate profiles. A simple approach for an elegant appearance.

Featuring large cutting diameters and available in the most popular profiles, these panel bits guarantee excellent performance on both solid wood panels and MDF materials.

PANEL BITS

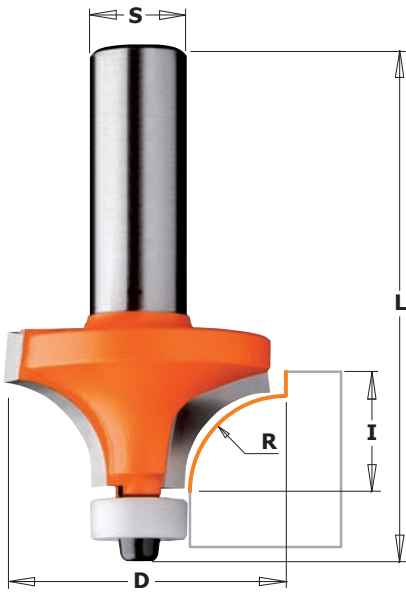


STILE BITS



D	d	I	R	A	L	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
mm	mm	mm	mm		mm	S=Ø6,35mm	S=Ø8mm	S=Ø12mm	S=Ø12,7mm
25	6	8	12		39,8	870.101.11	970.101.11		
50	16	14	12		52,1			970.501.11	870.501.11
50	16	17		10°	55,1			970.502.11	870.502.11
45	34	13,5	3,2 - 6,4	3°	51,6			970.503.11	870.503.11
35	12,5	9,5	3,2		47,6			970.504.11	870.504.11

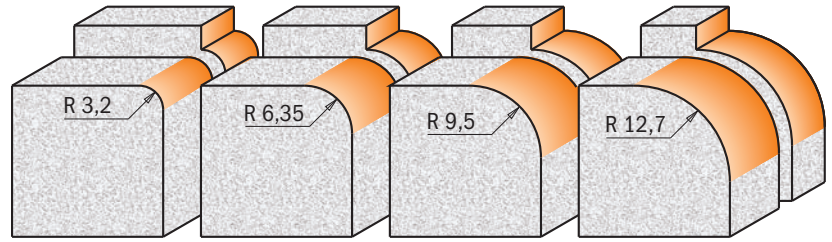
Solid surface rounding over bits



8/980.501-502-503-504



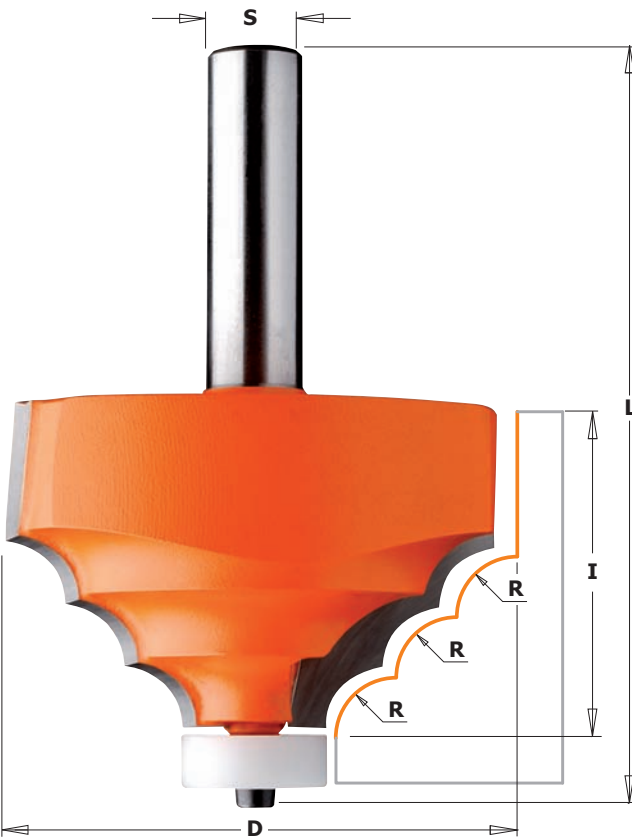
Use these bits to create a traditional roundover edge on solid surface countertops. Equipped with a non-marring Delrin® bearing to protect the finished edges. For use on hand-held portable routers.



Drawings are 1:1 scale

D mm	I mm	R mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm	Spare parts		
19,05	12,7	3,2	59,4	980.501.11	880.501.11			
25,4	12,7	6,35	59,4	980.502.11	880.502.11	791.044.00	990.058.00	991.057.00
31,75	14	9,5	60,7	980.503.11	880.503.11	791.044.00	990.058.00	991.057.00
38,1	19,05	12,7	65,8	980.504.11	880.504.11	791.044.00	990.058.00	991.057.00

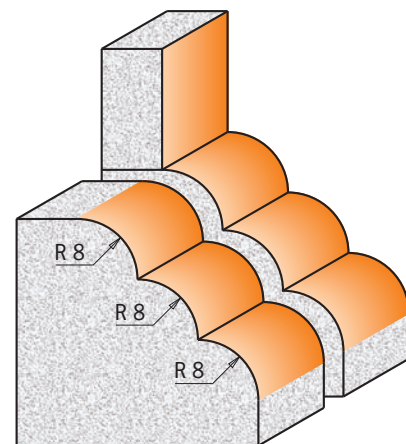
Solid surface decorative edge profile bits



8/980.521



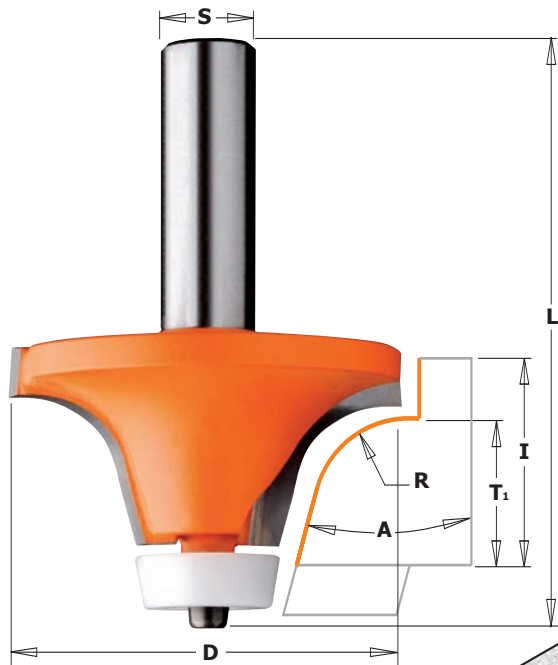
Create elegant countertops with flawless results. Features a non-marring Delrin® bearing to protect the finished edges. For use on hand-held portable routers.



Drawings are 1:1 scale

D mm	I mm	R mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm	Spare parts		
66,7	41,3	8	89,8	980.521.11	880.521.11			
						791.046.00	990.058.00	991.057.00

Solid surface rounding over bowl bits

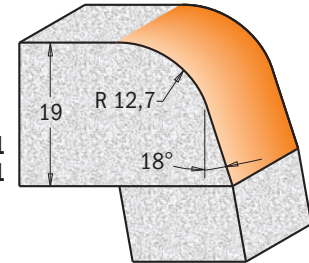


8/966.601/602
8/980.541



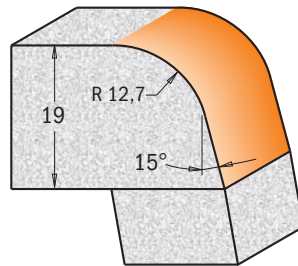
These bits roundover and trim the countertop edges after the bowl is mounted. Can be used with the CMT 880.551.11 bevel cutter for a flush cut-out between the countertop and installed undermount bowl. For use on hand-held portable routers. Features a non-marring Delrin® bearing to protect the finished edges.

Special angled Delrin® sleeve on the bearing of the CMT bevel cutter lets you work without leaving marks on the workpiece. Trims and shapes all wood and wood materials. Perfect for kitchen and bathroom counter top work.

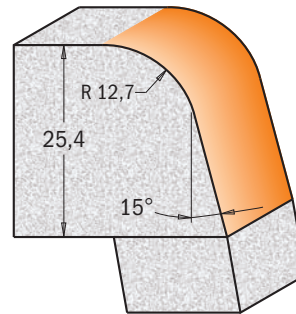


880.541.11
980.541.11

Drawings are 1:1 scale



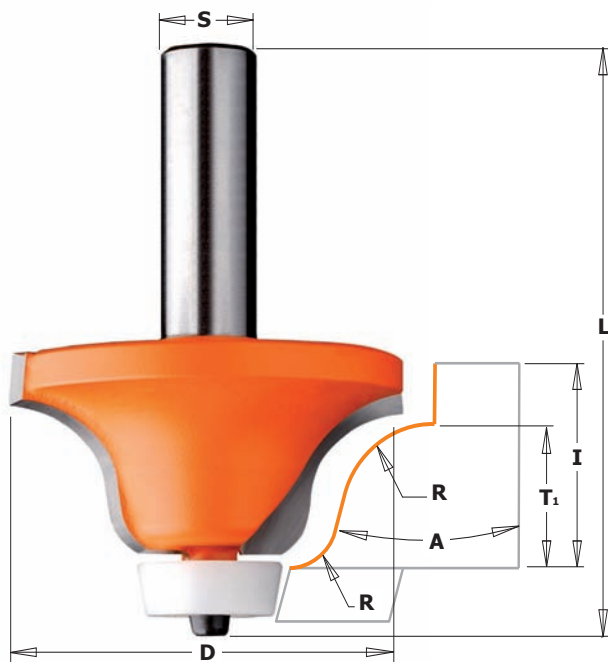
966.601.11
866.601.11



966.602.11
866.602.11

A	D mm	T ₁ mm	I mm	R mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
15°	50,8	19	25,4	12,7	74,9	966.601.11	866.601.11			
15°	50,8	25,4	31,75	12,7	81,3	966.602.11	866.602.11	791.041.00	990.058.00	991.057.00
18°	54	19	25,4	12,7	78,1	980.541.11	880.541.11	791.041.00	990.058.00	991.057.00

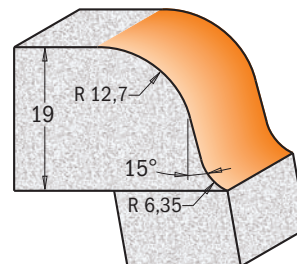
Solid surface rounding over bowl bit (ogee profile)



8/980.542



These bits roundover and trim the countertop edges after the bowl is mounted. Can be used with the CMT 880.551.11 bevel cutter for a flush cut-out between the countertop and installed undermount bowl. For use on hand-held portable routers. Features a non-marring Delrin® bearing to protect the finished edges.



Drawings are 1:1 scale

A	D mm	T ₁ mm	I mm	R mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
15°	54	19	25,4	6,35-12,7	77,6	980.542.11	880.542.11			
								791.041.00	990.058.00	991.057.00

Solid surface bevel bowl bits



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

Power Tools & Accessories

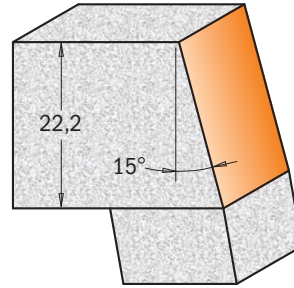
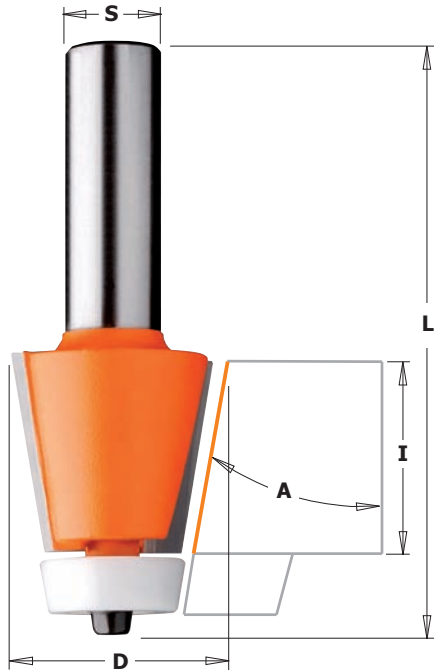
Display Cabinets

8/966.501 - 8/980.551

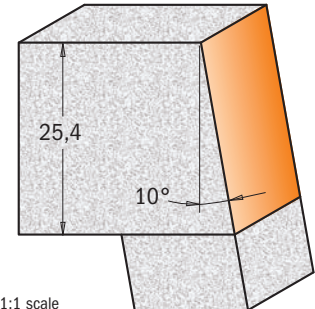


These bits are designed for undermount applications joining the countertops and sink bowls with a 10 (degree) beveled edge. Can be used with the 880.541.11 and 880.542.11 for complete undermount applications. For use on hand-held routers. Features a non-marring Delrin(r) bearing to protect the finished edges.

Special angled Delrin® sleeve on the bearing of the CMT bevel cutter lets you work without leaving marks on the workpiece. Trims and shapes all wood and wood materials. Perfect for kitchen and bathroom counter top work.



866.501.11
966.501.11



880.551.11
980.551.11

Drawings are 1:1 scale

A	D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
15°	31,7	22,2	72	966.501.11	866.501.11
10°	28,5	25,4	77	980.551.11	880.551.11

Spare parts



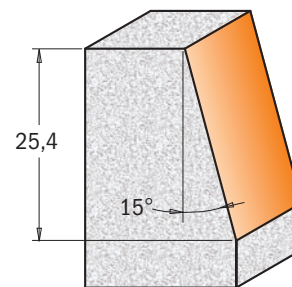
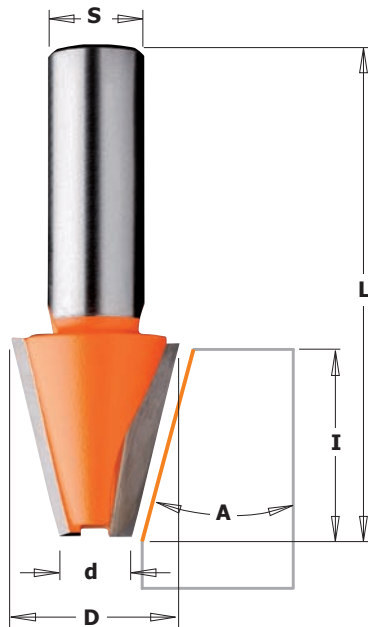
791.041.00	990.058.00	991.057.00
791.041.00	990.058.00	991.057.00

Solid surface bevel bit

8/981.521



Edge profile bit designed to create a 15° bevel on solid surface countertops. Can also be used for European type topmount installation with sinks and bowls. For use on hand-held portable routers.



Drawings are 1:1 scale

D mm	d mm	I mm	A	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
23	9,52	25,4	15°	63,5	981.521.11	881.521.11

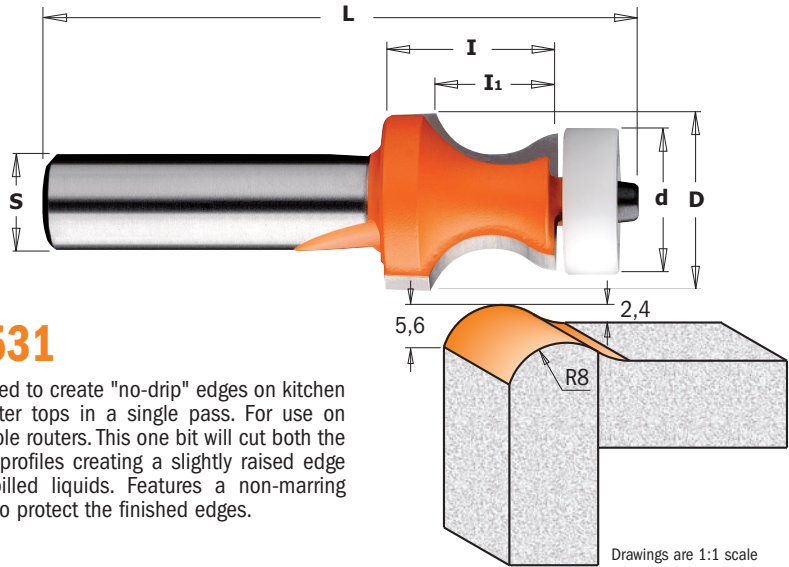
Solid surface no-drip bit

8/981.501

This bit is designed to create "no-drip" edges on kitchen and vanity counter tops. Designed for hand-held portable routers on applications where a guide bearing can not be used. This one bit will cut both the outer and inner profiles creating a slightly raised edge, controlling spilled liquids.



Drawings are 1:1 scale



8/980.531

This bit is designed to create "no-drip" edges on kitchen and vanity counter tops in a single pass. For use on hand-held portable routers. This one bit will cut both the outer and inner profiles creating a slightly raised edge that controls spilled liquids. Features a non-marring Delrin® bearing to protect the finished edges.

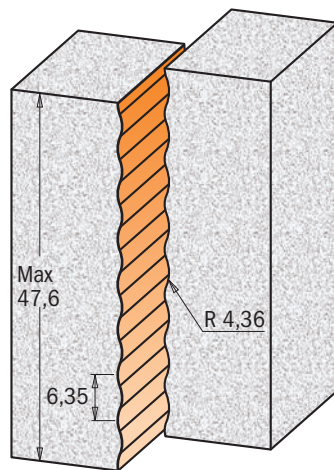
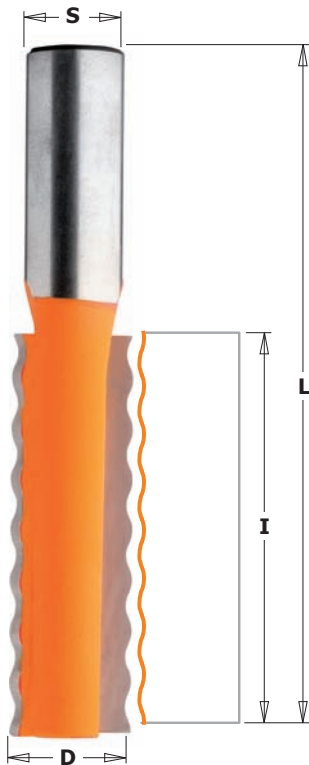
Drawings are 1:1 scale

D mm	d mm	I mm	I ₁ mm	R mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm	Spare parts		
25,4		12,7	3,2	8	63,5	981.501.11	881.501.11			
25,4	19	22,2	15,87	8	77	980.531.11	880.531.11	791.046.00	990.058.00	991.057.00

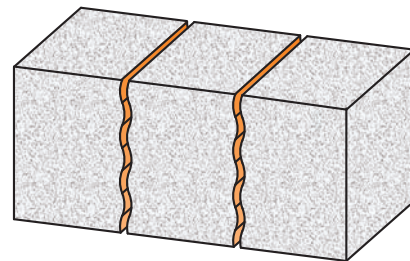
Solid surface way joint bit

8/981.531

These bits are ideal for making strong joints on any solid surface, thanks to a wider area for glue.



Drawings are 1:1 scale



D mm	I mm	R mm	L mm	ORDER NO. S=∅12mm	ORDER NO. S=∅12,7mm
15,87	51,5	4,36	89	981.531.11	881.531.11

Solid surface drainboard bits



Saw blades

Tools with bore & Knives

Router Bits & Sets

CNC Router Cutter & Chucks

Industrial Dowel Drills

Bits for Hand Power Tools

Spare Parts

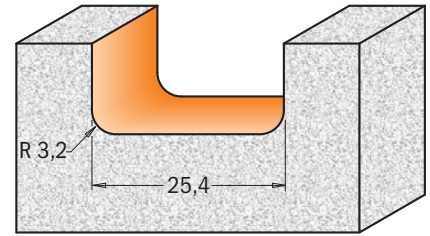
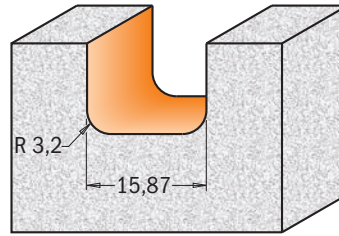
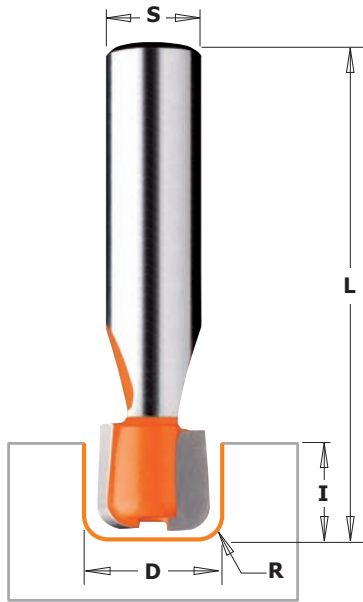
Power Tools & Accessories

Display Cabinets

8/981.511-512



This bit is ideal for creating custom Drainboard patterns in solid surface countertops. For use on hand-held portable routers.



Drawings are 1:1 scale

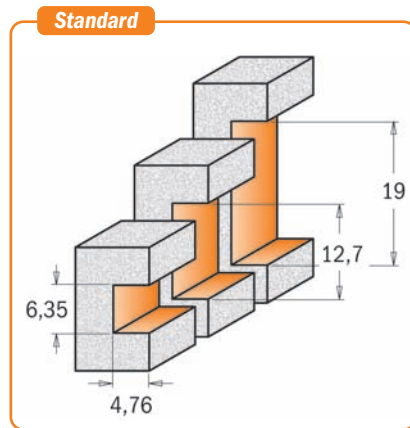
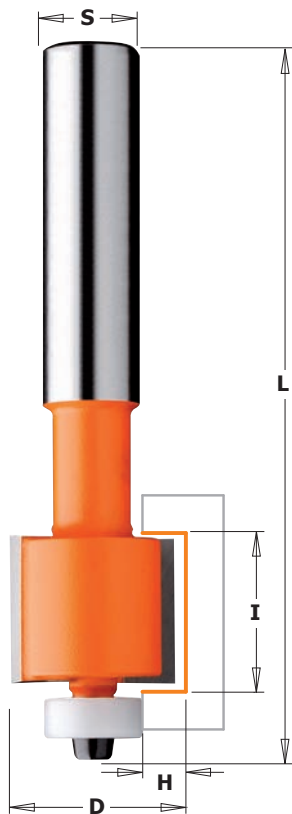
D mm	I mm	R mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
15,87	12,7	3,2	63,5	981.511.11	881.511.11
25,4	12,7	3,2	69,8	981.512.11	881.512.11

Solid surface - inlay bits

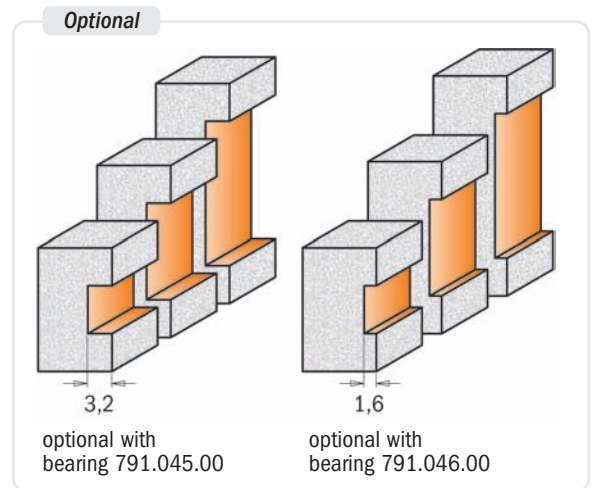
8/980.511-512-513



Add a decorative wood, plastic or metal inlay to solid surface countertops. Equipped with a non-marring Delrin® bearing to protect the finished edges. For use on hand-held portable routers.



Drawings are 1:1 scale



D mm	I mm	H mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
22,2	6,35	4,76	77	980.511.11	880.511.11			
22,2	12,7	4,76	90	980.512.11	880.512.11	791.044.00	990.058.00	991.057.00
22,2	19,05	4,76	90	980.513.11	880.513.11	791.044.00	990.058.00	991.057.00