

Straight bits

CMT ORANGE TOOLS™
HW HWM Z1 Z2 RH

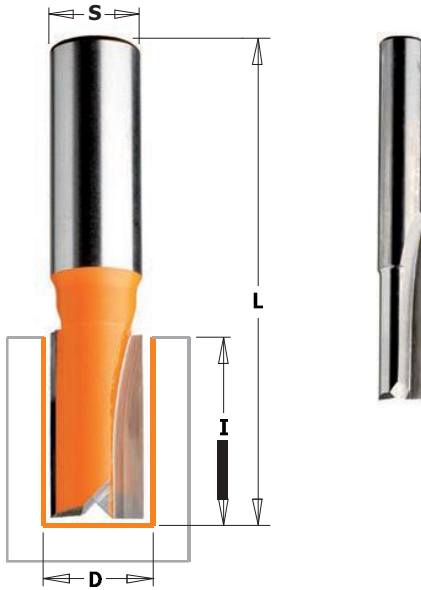
7/8/911

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.

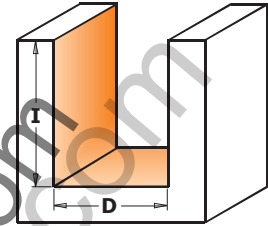
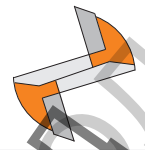
The surface of all CMT bits is protected with our trademark orange non-stick PTFE to help keep the bit from collecting resin, pitch and other residue.

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.

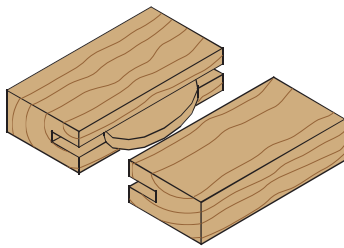
CMT produces 91 types of straight bits in a wide range of diameters so you can find exactly what you want.



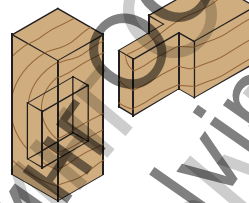
The cutting edge top sharpening on 9mm diameter bits and larger allows for short plunging operations.



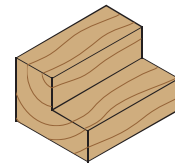
Drawing are 1:1 scale



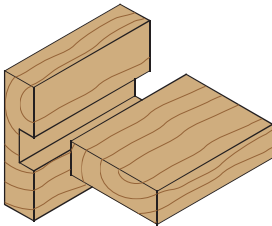
Biscuit joint using bit #7/8/911.040.11



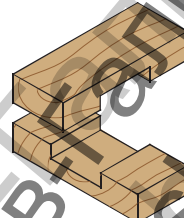
Mortise and tenon



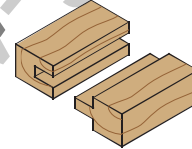
Rabbet



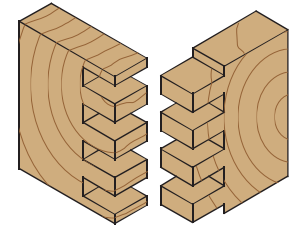
Right-angle joint



Union



Tongue and groove joint



Box joint

Plywood groove set

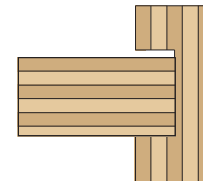
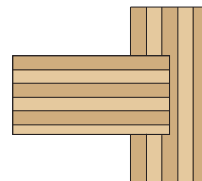
811

HW HWM Z2 RH


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

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