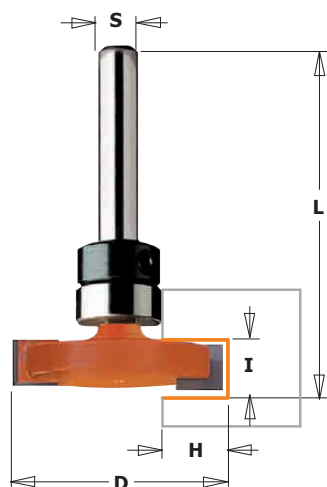


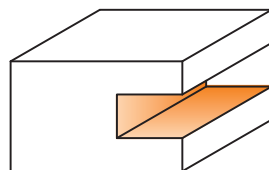
Flooring router bits

new

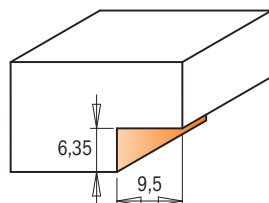
CMT ORANGE
TOOLS®


822.023B - 024B

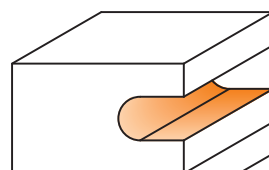
CMT now offers you these industrial quality carbide-tipped router bits for flooring and inlay applications. They can easily and smoothly run through solid and timber wood while cutting edges keep sharp still after several passes. 822.024.11B item number also features rounded edges to produce 3,2mm (1/8")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



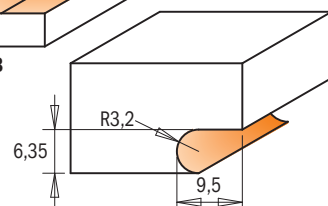
Drawings are 1:1 scale



822.023.11B



822.024.11B

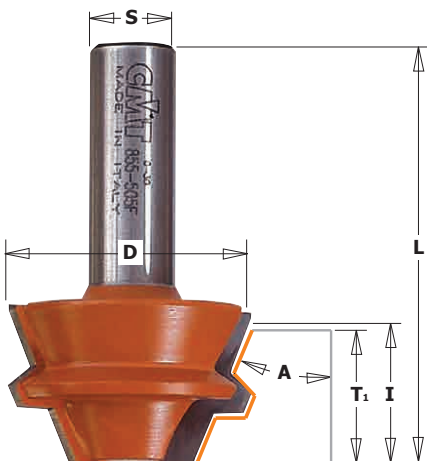


D mm	I mm	H mm	R mm	L mm	ORDER NO. S=Ø6,35mm
31,75	6,35	9,5		47,6	822.023.11B
31,75	6,35	9,5	3,2	47,6	822.024.11B

Spare parts

Bearing	Stop collar	Screw	Hex key
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

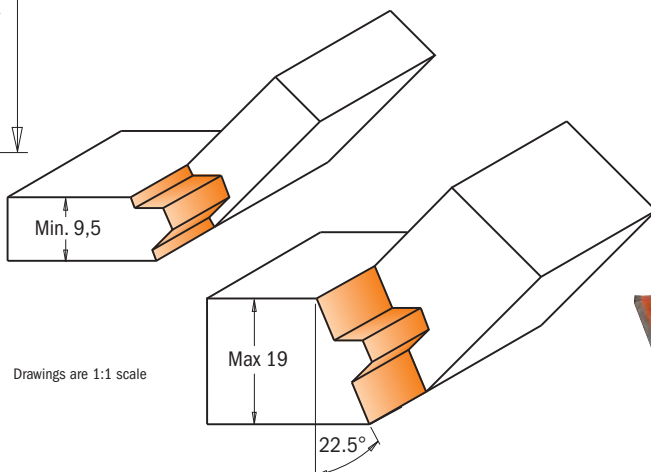
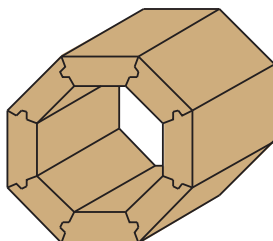


8/955



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.

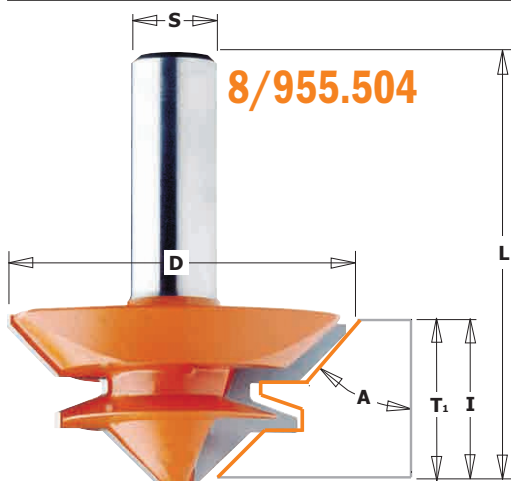


Drawings are 1:1 scale



D mm	I mm	A	T1 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

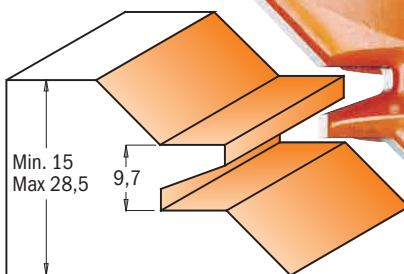
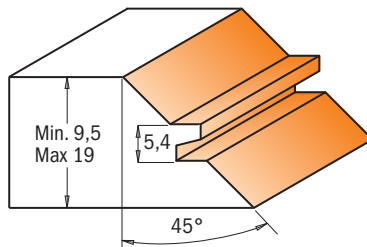
Lock miter bits



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.

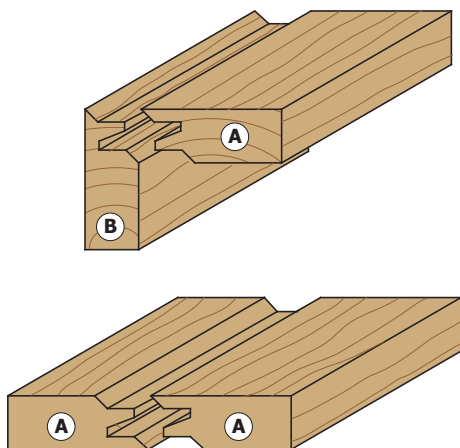
To produce perfectly fitting miter joints, lay one piece with the inside face-down on the work table and the wood centred to the bit. Mill as shown in step 1 of the illustration below. Mill the second piece with the inside face placed vertical to the bit and fence, as shown in step 2.

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.

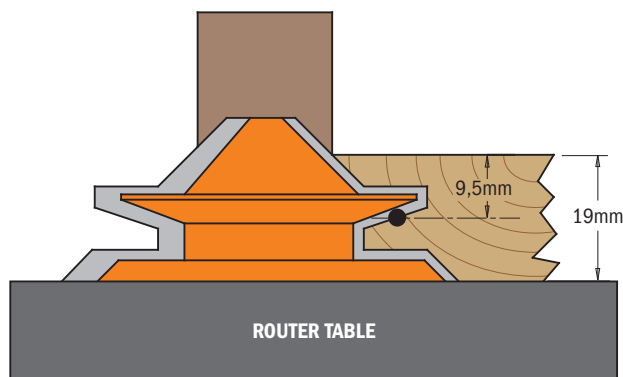


Drawings are 1:1 scale

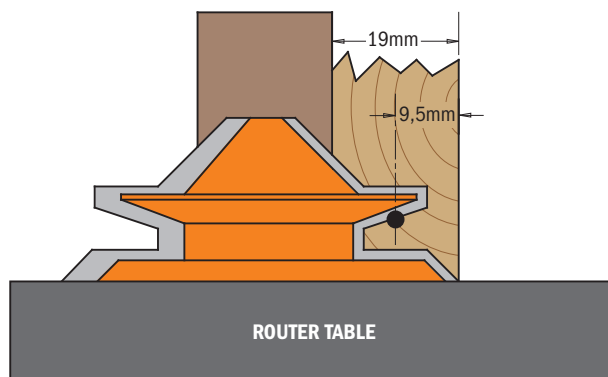
8/955.503



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

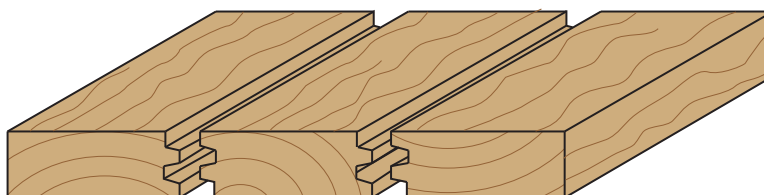
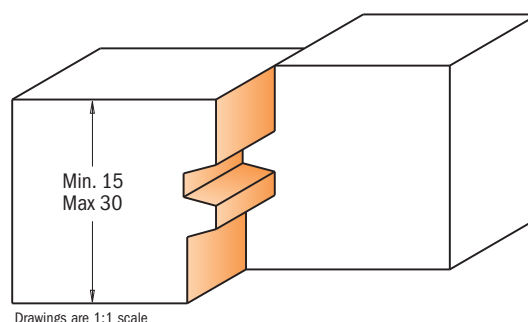
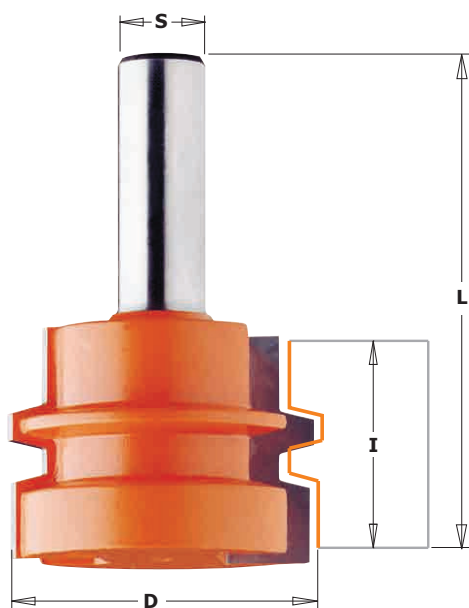
Reverse glue joint bits

8/955.501

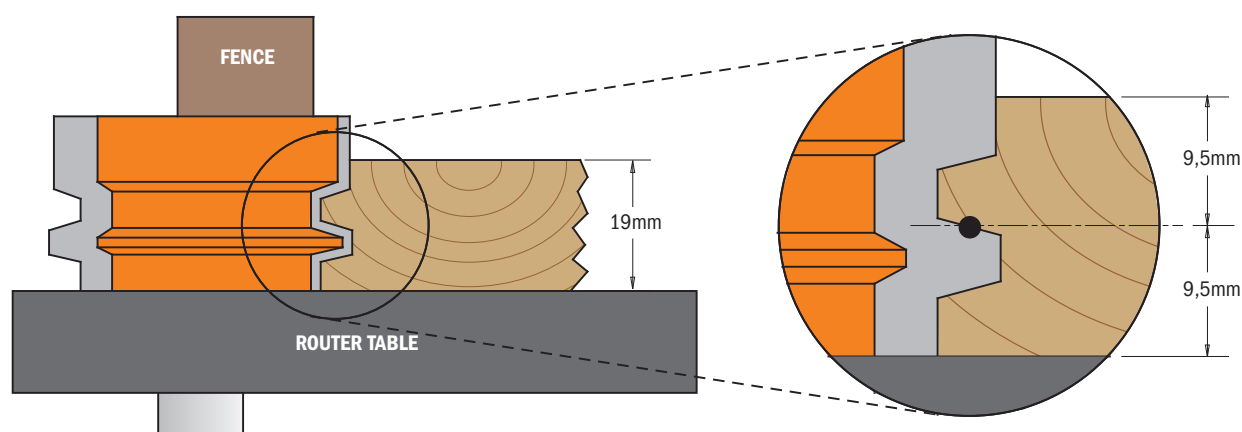


The most unique and important characteristic of this CMT bit is its capacity to produce an almost indestructible glue joint quickly and without error. Ideal for routing wide dimension panels, doors and furniture pieces. By accurately centering the bit to the wood, the upper and lower vertical cutting 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.



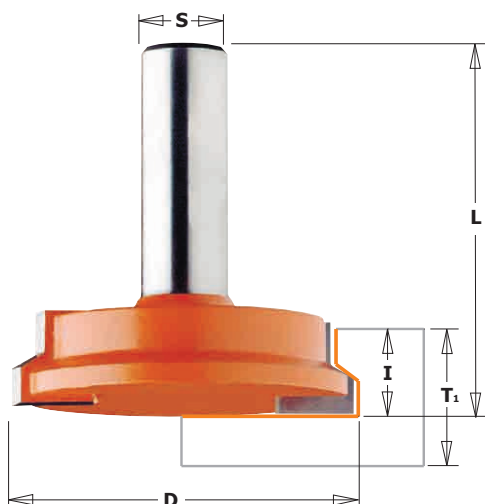
In this example we have used a 19mm board



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=Ø12mm	ORDER NO. S=Ø12,7mm
44,4	32	15 - 30	70,1				955.501.11	855.501.11

Drawer lock bits



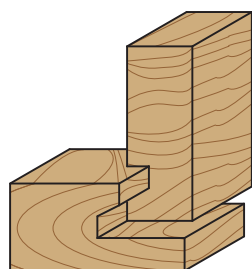
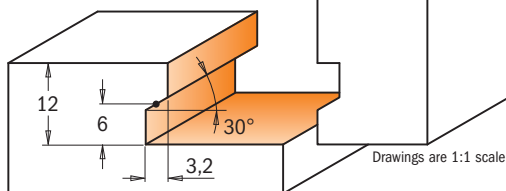
855.508 - 955.008
7/8/955.002 - 8/955.502



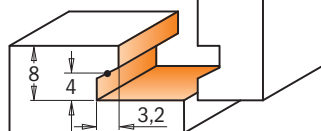
The key to success when constructing quality drawers is in the quality of the drawer lock bit you use. With CMT drawer lock bits you can make strong, perfectly fitting joints quickly and easily. As illustrated below, mill the drawer front with the inside face-down on the work table. Mill the sides of 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.



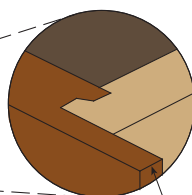
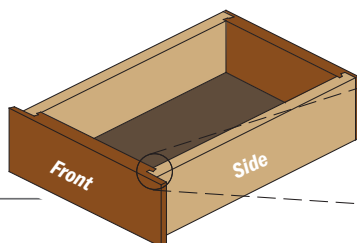
8/955.002-502



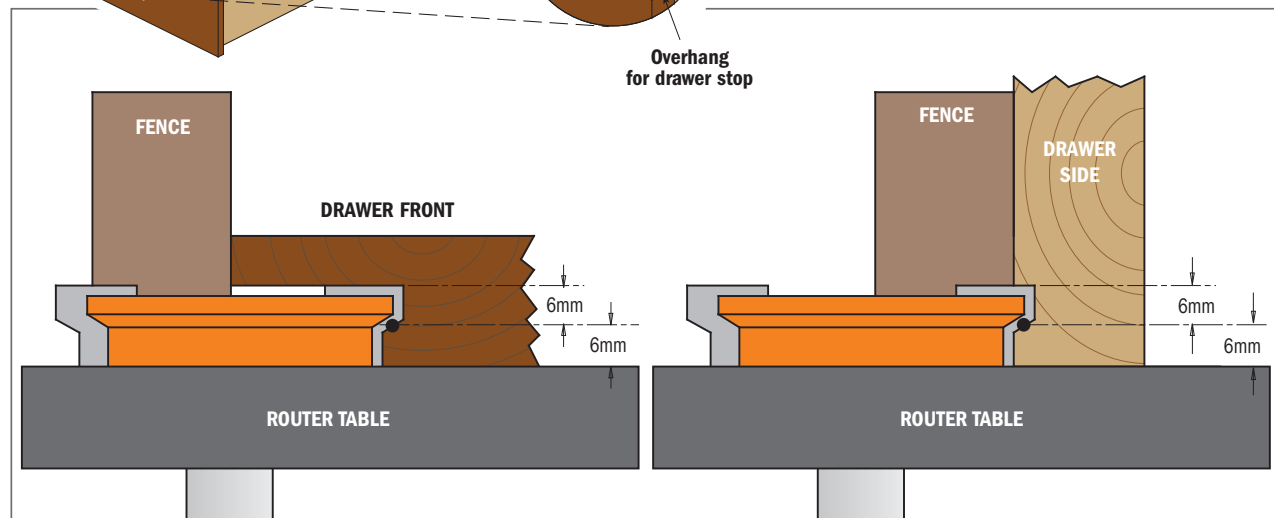
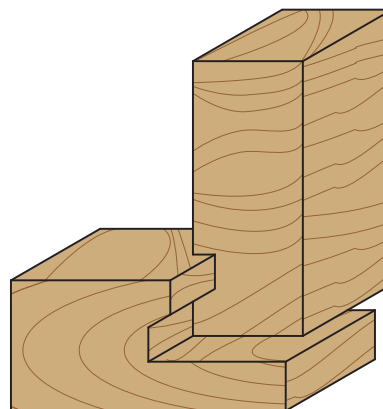
8/955.008



Drawings are 1:1 scale

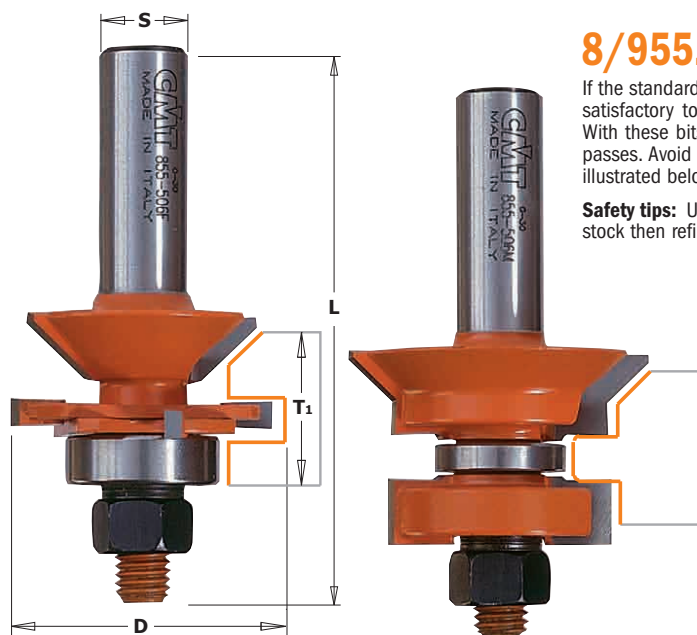


Overhang
for drawer stop



D mm	T ₁ min. mm	T ₁ max. 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
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

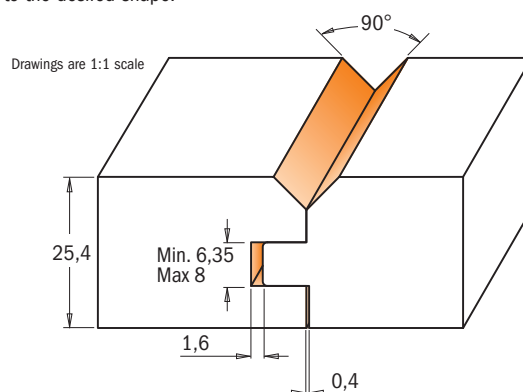


8/955.506



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.



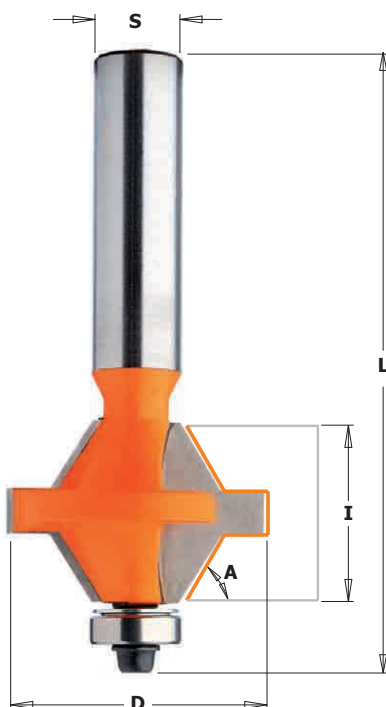
D mm	T ₁ mm	L mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
44,4	19+25,4	75,5				955.506.11	855.506.11

Spare parts

- 822.013.11** Slot cutter 8mm spacer
- 822.014.11** Slot cutter 4mm spacer
- 791.011.00** Ø19mm bearing
- 791.005.00** Ø22mm bearing

- 541.515.00** 0,1mm spacer
- 541.516.00** 0,3mm spacer
- 541.517.00** 0,5mm spacer
- 990.020.00** Nut for arbor M8

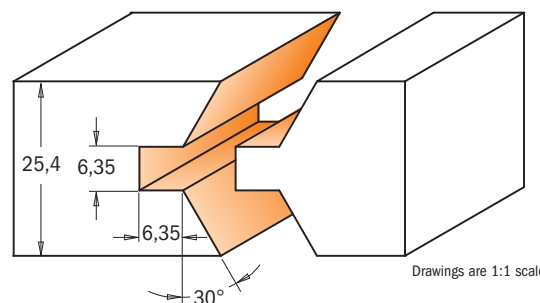
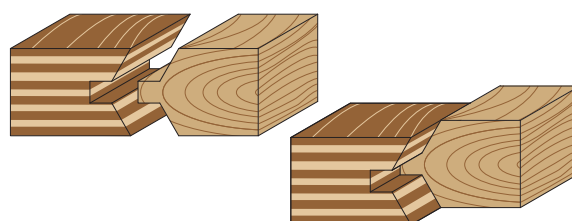
Edge Banding bits set



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.



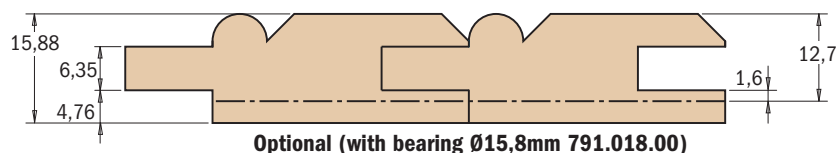
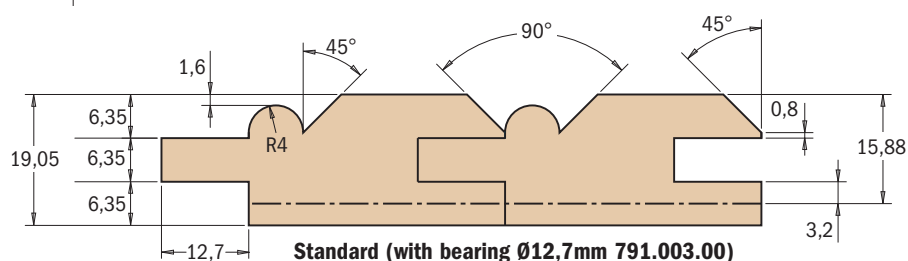
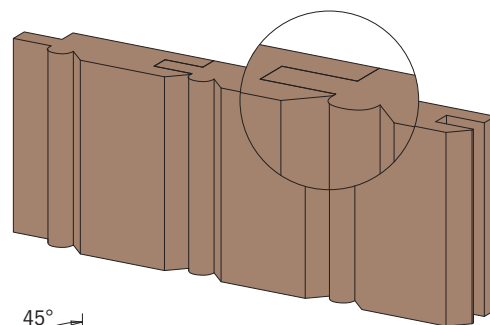
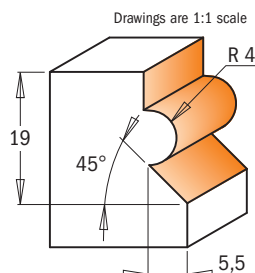
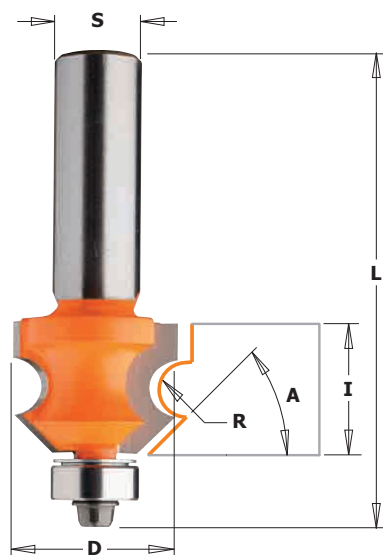
D mm	I mm	A	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
40	25,4	30°	74,5	955.510.11	855.510.11	Shield	Bearing	Screw	Hex key
						990.423.00	791.018.00	990.058.00	991.057.00

Wainscot/paneling bits

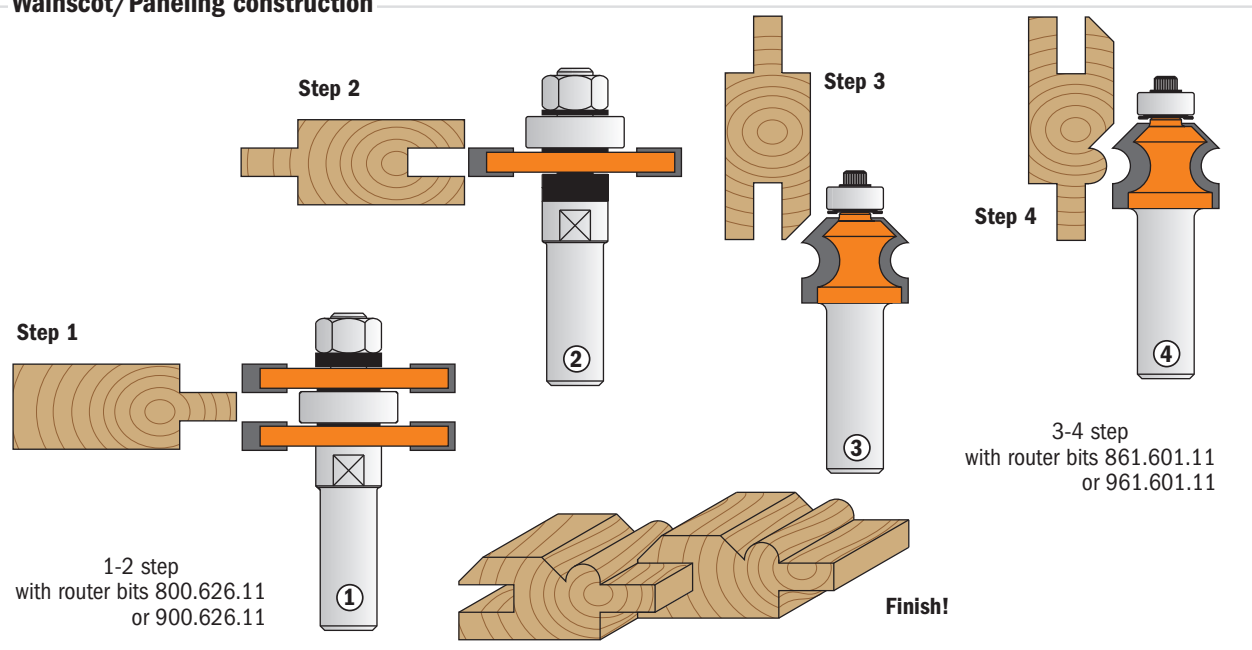


8/961.6

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.



Wainscot/Paneling construction



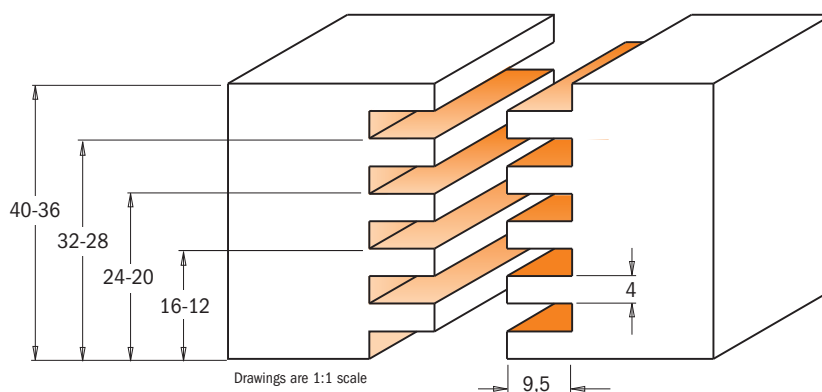
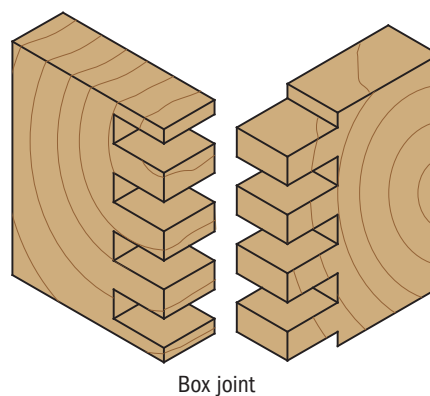
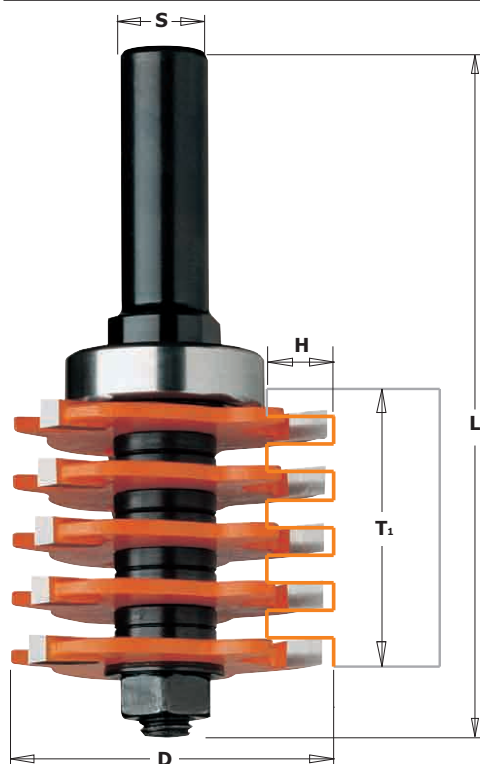
D mm	I mm	R mm	A	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
23,8	19,05	4	45°	67,7	961.601.11	861.601.11	Shield	Bearing	Screw	Hex key
							990.423.00	791.003.00	990.058.00	991.057.00

Finger joint bit

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.



						Spare parts			
T ₁ mm	D mm	H mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Arbor with shims	Ø28,5mm bearing	4mm slot cutter	Nut
12 - 40	47,6	9,5	97	900.616.11		924.130.00	791.027.00	822.340.11	990.020.00
12 - 40	47,6	9,5	97		800.616.11	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

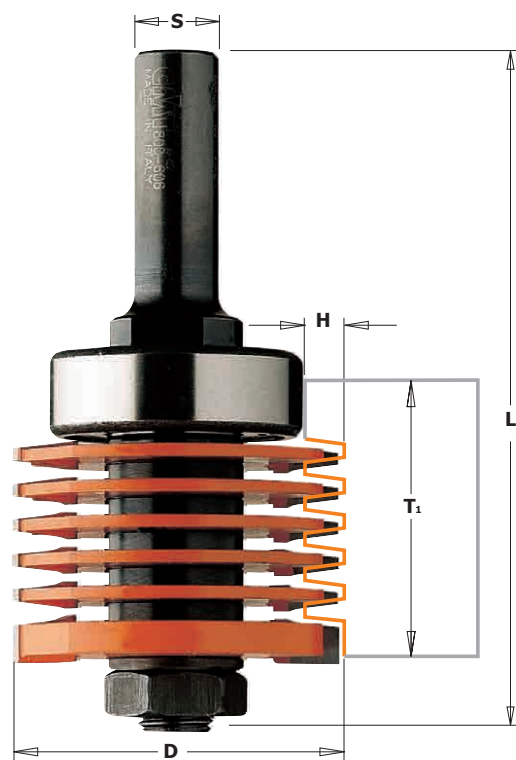
Optional:

- 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)

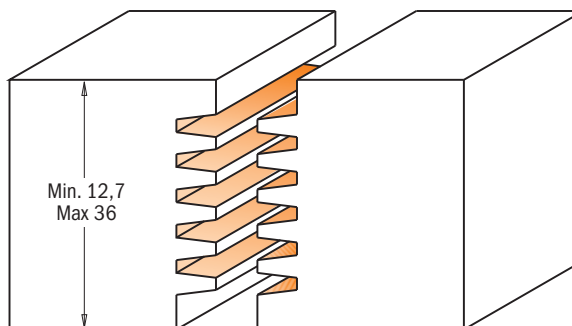
Professional finger joint bit

CMT ORANGE TOOLS®

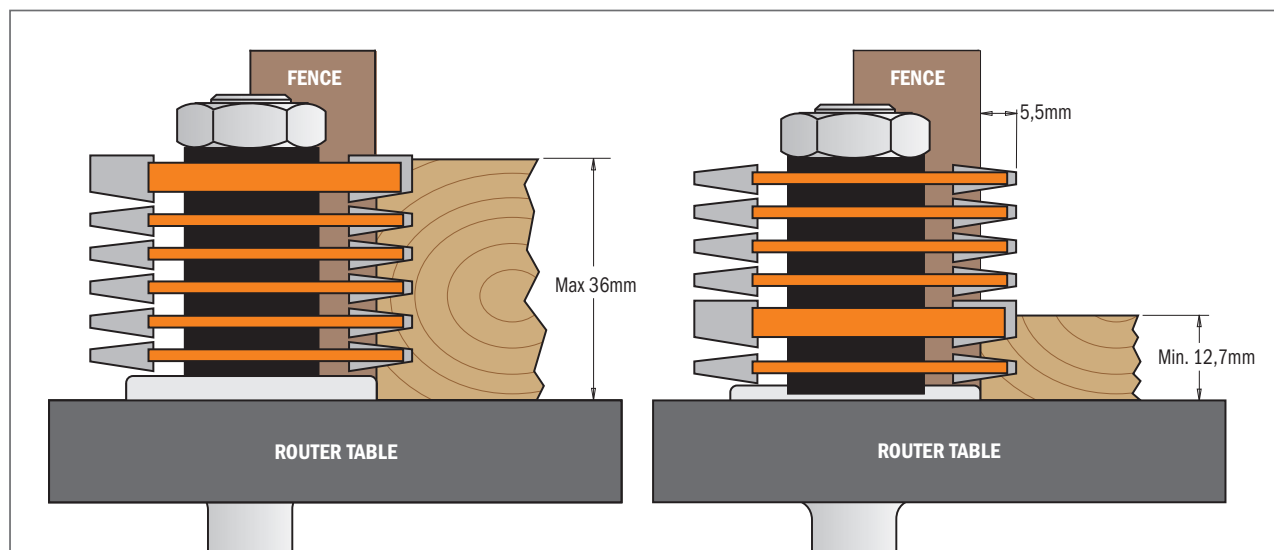
8/900.606



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	Spare parts				
12,7 - 36	47,6	5,5	97	900.606.11		Arbor with shims	Ø37mm bearing	1,85mm slot cutter	5,5mm slot cutter	M12x1,25mm nut
12,7 - 36	47,6	5,5	97		800.606.11	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