

Slot cutters

CMT

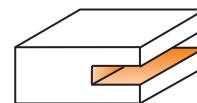
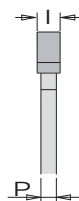
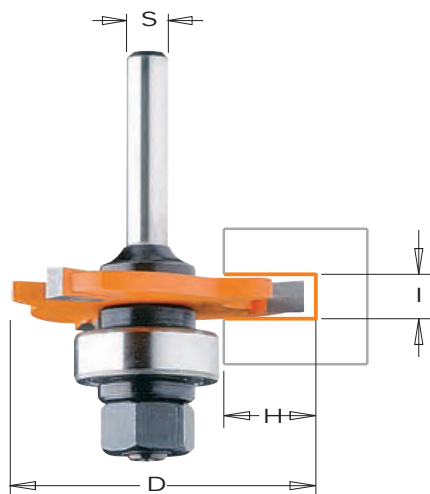


7/8/922A/B

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.



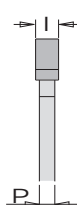
I mm	P mm	D mm	H mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
1,5	1,07	47,6	12,8	722.315.11A		922.315.11A	922.315.11B	
1,6	1,07	47,6	12,8		822.316.11A			822.316.11B
2	1,27	47,6	12,8	722.320.11A	822.320.11A	922.320.11A	922.320.11B	822.320.11B
2,4	1,27	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).

7/8/924.xxx.00



7/8/924.xxx.10



822



I mm	P mm	D mm	F 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	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
Slot cutter arbor without bearing	724.060.00	824.064.00	924.080.00	924.120.00	824.127.00
Slot cutter arbor with bearing	724.060.10	824.064.10	924.080.10	924.120.10	824.127.10
Slot cutter arbor without bearing, long series			924.083.00		
Slot cutter arbor with bearing, long series			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 Dado M8

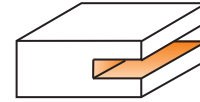
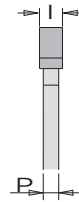
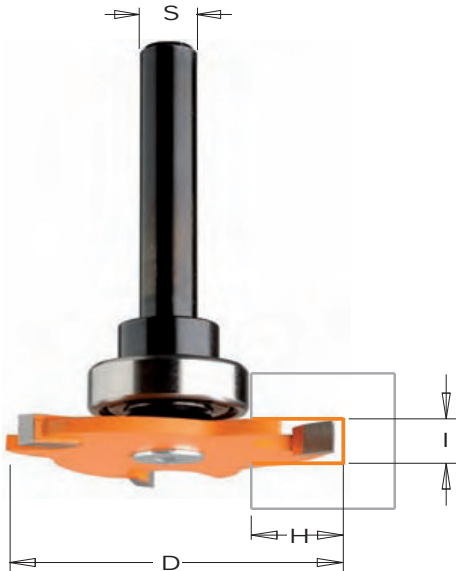
Slot cutter with arbor and bearing

CMT



923A - 823B

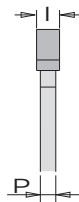
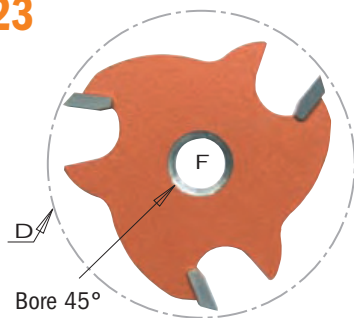
The possible uses of this bit are almost: you can rout grooves and rabbets, T or dovetail joints on wood panels. Each bit has three carbide tipped cutters and has an orange coloured PTFE coating, it features anti-kickback design too. The 22mm bearing is included for a cutting depth of 12,8mm. The bit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



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

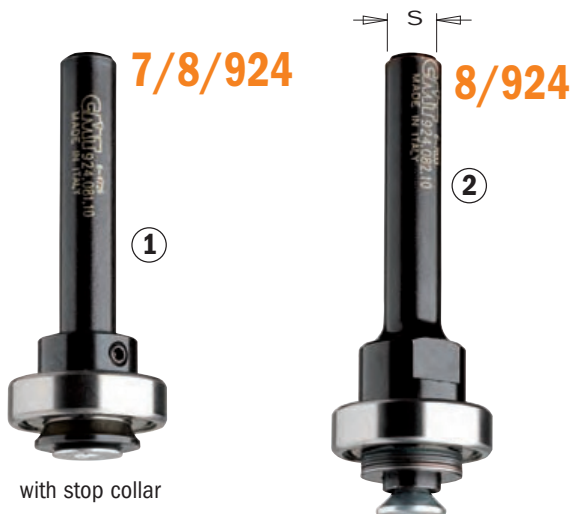
Slot cutter arbors

823

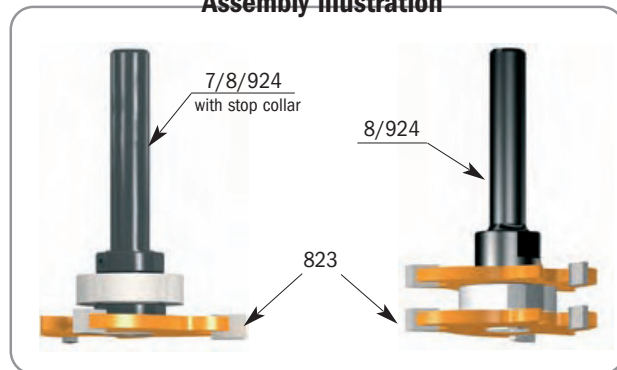


These three wing carbide tipped slot cutters feature anti-kickback three wing blade design and CMT's trademark orange PTFE Industrial Coating. All cutters feature an 8mm bore that fits CMT's arbors (items 7/8/924).

I mm	P mm	D mm	F 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



Assembly illustration



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	Screw TSPEI M5x12mm

Keyhole bits

CMT
HWM **Z2** **RH**

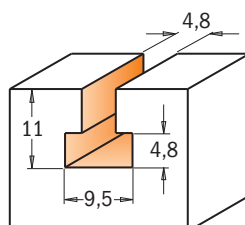
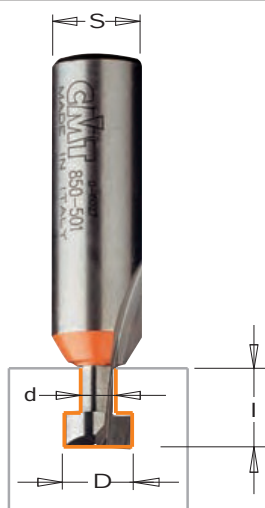
7/8/950.001

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.

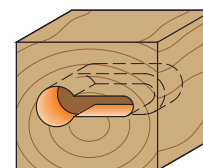
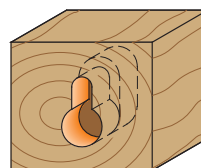
The bit bores an entry hole in the wood, then proceeds to cut a 4,8mm hole and finishes by boring a larger opening under the surface. The perfect way to securely mount wall hangings on screws and nails.

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.



Drawings are 1:1 scale



D 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
9,5	4,8	11	750.001.11	850.001.11	950.001.11	950.501.11	850.501.11

T-Slot bits

HW **Z2** **RH**

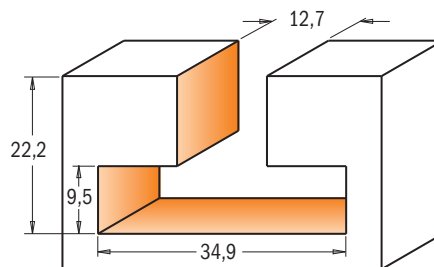
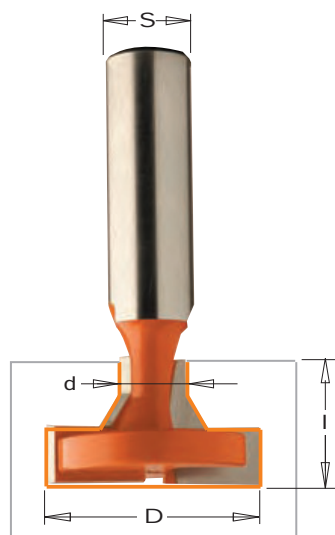
8/950.601-602 - 8/950.603

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.

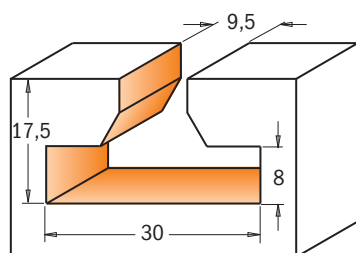
Safety Tips: Be sure the workpiece is securely fastened to the router table or work bench.

Shop Tips: Recommended for use with a plunge router.

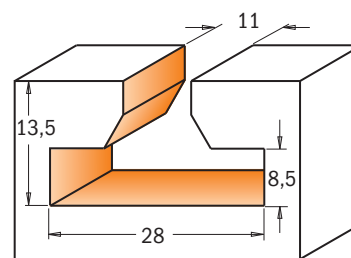


Drawings are 1:1 scale

8/950.602



8/950.601



8/950.603

D mm	d mm	l mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
28	11	13,5	950.603.11	850.603.11
30	9,5	17,5	950.601.11	850.601.11
34,9	12,7	22,2	950.602.11	850.602.11

Three wing slot cutter set

CMT



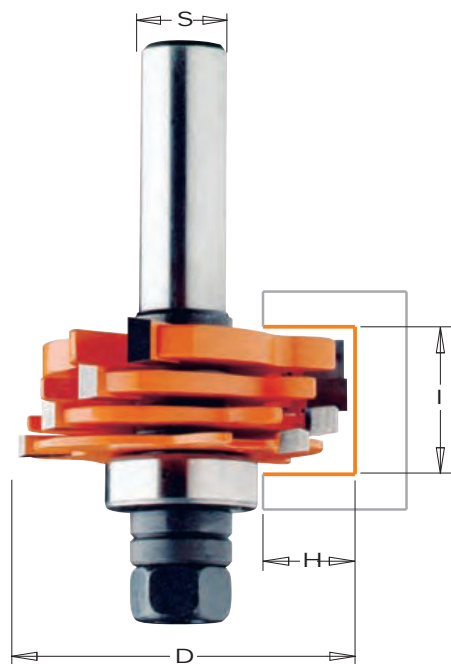
8/900.506

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:

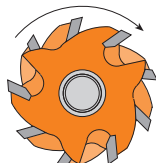
- 4 carbide tipped cutters 3,2mm, 4mm, 4,8mm, 6,4mm
- 1 arbor 12mm or 12,7mm
- 1 ball bearing (22mm) for 12,7mm cut
- 17 shims: (8x0,1mm - 4x0,5mm - 3x1mm and 2x4mm)

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.

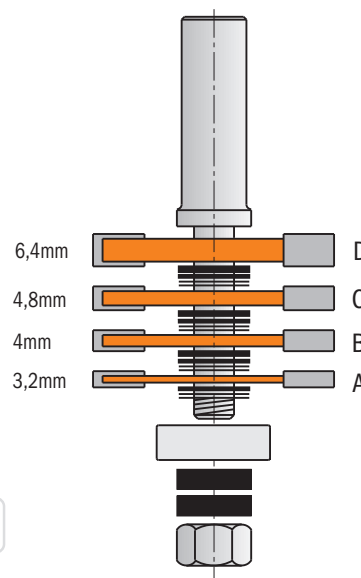


Note: The carbide edges of the cutters should never touch; arrange the shims as illustrated below. Use only the thicknesses provided in the set. Be sure all cutters are assembled in the proper right rotational direction below. Looking down the arbor the cutters will turn clockwise.



Cutter combination	Cutting 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	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts	
3,2-18	47,6	12,8	900.506.11	800.506.11	Bearing Ø22mm	Nut M8
					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

791.711.00 Kit of two bearing 28,5mm and 34,9mm for slot cutter
541.518.00 1mm spacer
541.517.00 0,5mm spacer

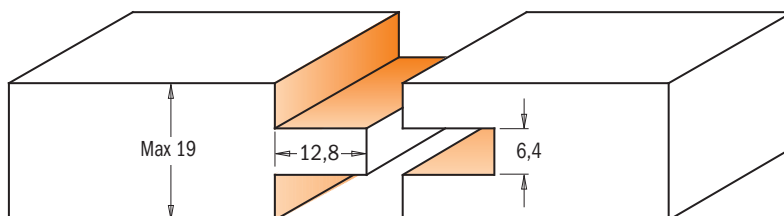
Tongue and groove set



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.



Drawing are 1:1 scale

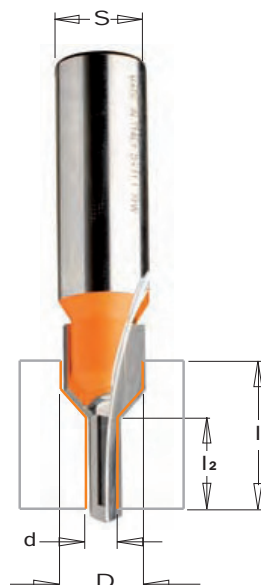
I mm	D mm	H mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
19	47,6	12,8	900.626.11	800.626.11	Bearing Ø22mm	Slot cutter 6,4mm	Nut M8
					791.005.00	822.364.11	990.020.00

Spare parts
824.131.00 Ø12,7mm 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

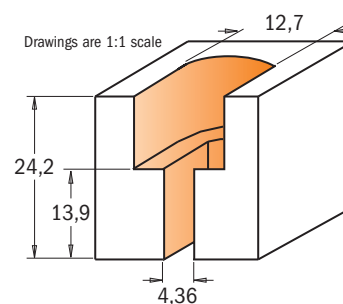
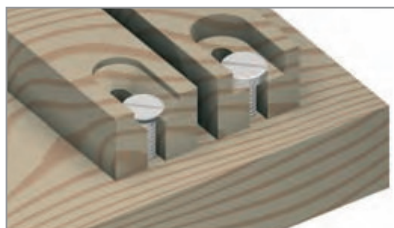
Screw slot bits



813.701 - 913.201

HW Z2 RH

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	l mm	l ₂ mm		ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
11,1	4,36	20,6	12,7		913.201.11	813.701.11

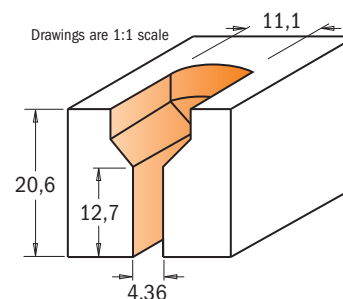
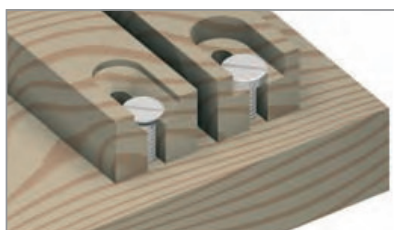
Screw slot bits



813.601 - 913.101

HW Z2 RH

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



D mm	d mm	l mm	l ₂ mm		ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
12,7	4,36	24,2	13,9		913.101.11	813.601.11

Saw blades

Tools with bore
& Knives

Router Bits
& Sets

CNC Router Cutter
& Chucks

Industrial
Dowel Drills

Bits for Hand
Power Tools

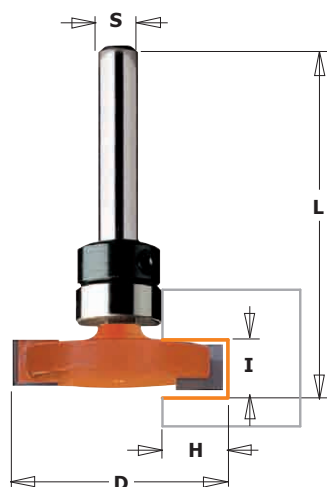
Spare Parts

Power Tools
& Accessories

Display Cabinets

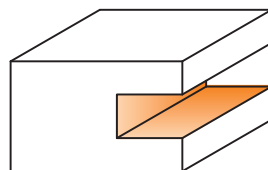
Flooring router bits

new

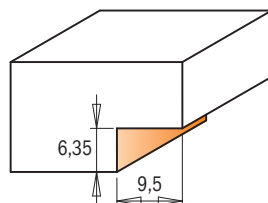
CMT ORANGE
TOOLS®


822.023B - 024B

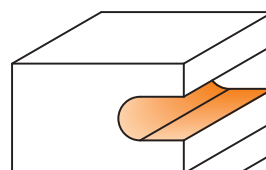
CMT now offers you these industrial quality carbide-tipped router bits for flooring and inlay applications. They can easily and smoothly run through solid and timber wood while cutting edges keep sharp still after several passes. 822.024.11B item number also features rounded edges to produce 3,2mm (1/8")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



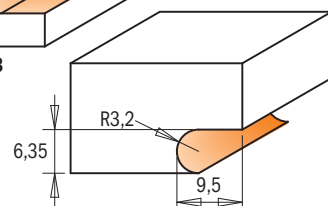
Drawings are 1:1 scale



822.023.11B



822.024.11B

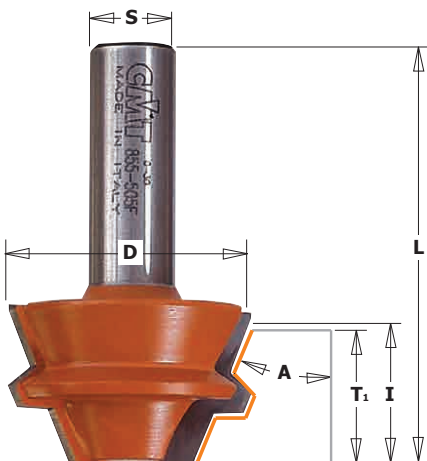


D mm	I mm	H mm	R mm	L mm	ORDER NO. S=Ø6,35mm
31,75	6,35	9,5		47,6	822.023.11B
31,75	6,35	9,5	3,2	47,6	822.024.11B

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

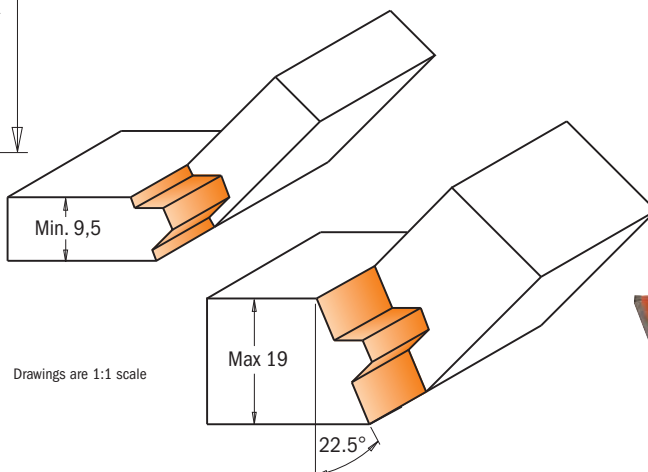
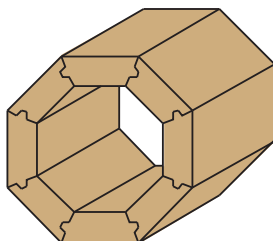


8/955



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	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