

CMT **ORANGE
TOOLS™**



XTREME PERFORMANCE

**CMT
CATALOG
2009**



Saw blades

9~42

Saw blades



Tools with bore & knives

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Tools with bore
& Knives



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Router Bits
& Sets



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CNC Router Cutter
& Chucks



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Industrial
Dowel Drills



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Bits for Hand
Power Tools



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Spare Parts



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254~277

Power Tools
& Accessories



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278~283

Display Cabinets

SINCE 1962 - MADE IN ITALY THEN, STILL MADE IN ITALY TODAY

By now, the story has been told. After over 40 years of success and quality in manufacturing woodworking tools - orange woodworking tools, to be precise - word just sort of gets around. We have grown and we have changed, but one thing still remains the same: our commitment to making only the highest quality woodworking tools.



Pesaro, Italy



Greensboro, United States



Valencia, Spain

NEW! CMT Global Web Site!

- Full line catalogue available on line
- Instructional video on select products
- Instruction manuals available for download
- Buy Now E-Commerce
- Listing of authorized CMT distributors
- Company history, tech information, testimonial and more!

THE ART OF CUTTING

Market Area: Where are you from?

Language: Choose favourite:

News: New! 2008 - August 20-23, 2008

OUR TOOLS So, what does it take to make a CMT tool? Like all things of quality, it's not only what you do but how you do it. And anyone who works wood knows that you get out of a piece only what you put into it, and it is no different when manufacturing a tool. You choose your designs and materials carefully and you work using all of your skill and know-how. You'll be happy to know that's what we do at CMT too.

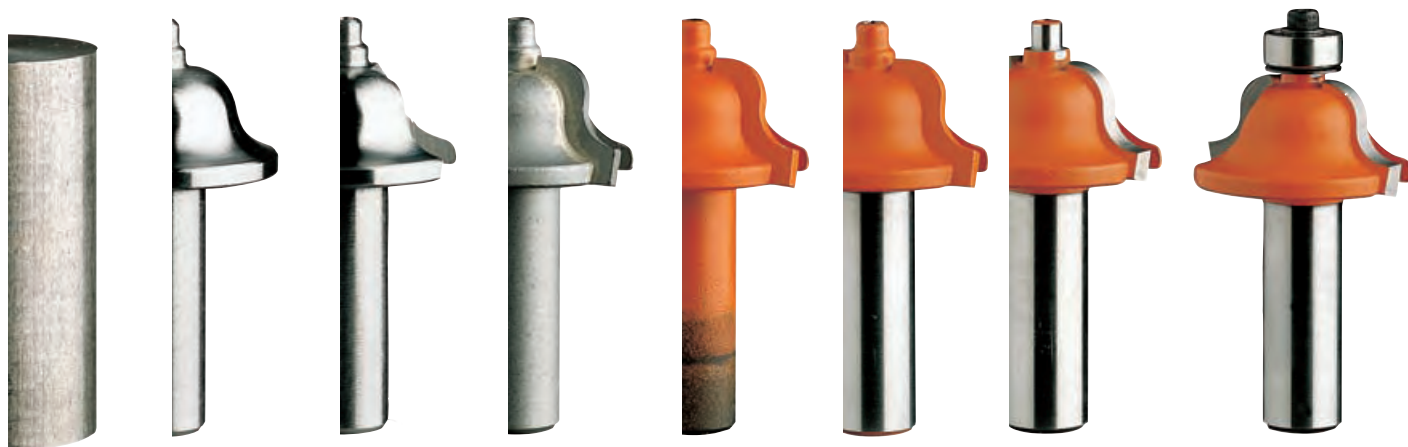
DESIGN - Everything starts with a clear idea and having the potential to express it. We have both. At CMT, our technical department uses the best of both worlds - computer technology and hands-on experience - to engineer and design each tool so that it performs flawlessly each time you use it, and to guarantee that you'll be using it for a long, long time.

MATERIALS - Turning a design into a finished product means finding the right material that will do the job and that live up to the specifications set out in the design - quality performance from the final product depends on it. When it comes to selecting raw materials, we don't cut corners. At CMT, we know that high quality tools come only from high quality raw materials, so we use only solid bar stock steel and specially formulated micrograin carbide to manufacture our bits and blades.

MANUFACTURING - Like we said, it's not just what you do but how you do it. Over the years we have continuously invested in the latest technology in CNC machining equipment and innovative software to manufacture our tools. The result is that now our entire manufacturing process, from turning and milling the steel shanks to brazing and sharpening the carbide cutting tips, is completely automated. And since a machine is only as intelligent as the person using it, everything is operated by specifically trained operators.

THE FINAL TOUCH - A tool simply wouldn't be a CMT tool if it didn't have the trademark orange color non-stick PTFE coating on it. This unique industrial-strength surface coating is designed to withstand the physical stresses the tool undergoes during use while protecting it from residue build-up and burning. And we really like the orange color too.

CMT ORANGE TOOLS. Manufacturers of high quality woodworking tools since 1962, we are still proud to put "Made in Italy" on all our orange tools.



QUALITY CONTROL - Nobody's perfect, but we're trying. CMT uses rigorous quality control programs and equipment to ensure that each bit has been manufactured with precision and accuracy and that it will give the long-lasting performance you expect from a CMT orange tool. CMT is in the process of adopting the directives set out in ISO 9001 which will give SPC quality control by an independent party under the Common Market Directives ISO 9001. Quality control is the final step of the production process, but it's just as important as the first.

WE RECYCLE - The water used during production must be pure and free from contaminants or hard minerals like iron or calcium which can build up and damage the machinery. CMT filters and purifies its water using a reverse osmosis system located inside the plant. Also the oil used in grinding and machining our tools must be clean and absolutely free of contaminants. Clean oil, after enough use, gets dirty, so we filter and reprocess dirty oil on the premises. This is our way of guaranteeing the quality of the oil we use, as well as contributing to help protect the environment.

OUR TRADEMARK COLOR ORANGE - As the story goes, we began small. We also put orange color surface coating on our tools, then we put our tools on the market and soon our orange tools were all over the world. Now, any woodworker anywhere in the world can tell you that orange tools means CMT, and that CMT means quality. Here at CMT we know we produce quality. You should too. That's why we have trademarked the color orange on woodworking tools - it's your guarantee that you are getting a genuine high-quality CMT product.



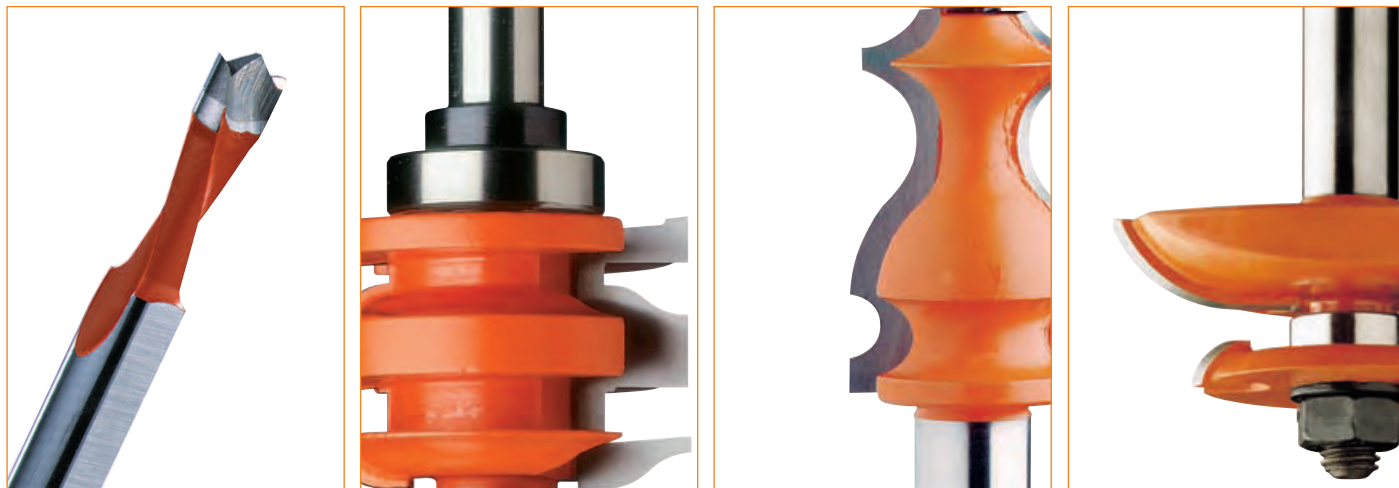
Loading the automated multi-axis CNC sharpening machines.



Fully automated assembly and marking.

BUILDING THE WORLD'S FINEST CUTTING TOOLS

We built our foundations - and our reputation for high quality - on the craftsman-like manufacture of boring bits and router bits. Times have changed and technology has completely altered the way things are done, and in this regard CMT is no exception. Our facilities have been newly renovated and our equipment today represents the most advanced technology available on the market, but we still make and will continue to make routers and boring bits with all the skill and care that we always have.

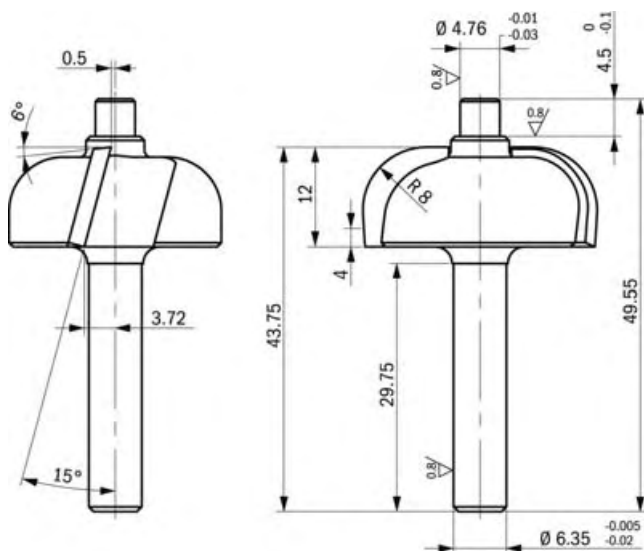


DESIGN - We engineer each tool with its purpose in mind. Years of developing high performance tools means that many of our top-selling tools are tried and true, the result of continuously perfecting each design, but we don't stop there. New materials, new profiles and new methods of working keep emerging. At CMT, we want to stay on the cutting edge of what's new in the industry so our technical department constantly evaluates current market developments and, by using state of the art software and years of experience, designs tools that are worthy of the CMT mark.

MATERIALS - Essentially, the main components of a router bit are just two: steel and carbide. If either of these is less than the best, the tool we make will show it. We've researched steel and carbide since the beginning, and found exactly what we were looking for:

► Superior steel

All our steel comes from right above the border, in Switzerland, where they use an exclusive hot drawing process to forge the solid bar stock we use to manufacture our router bit shanks and bodies. The result is steel that is superior in strength and exceptionally resistant to fatigue and abrasion.



► High-grade tungsten carbide

If steel is what gives our tools strength, carbide is what gives them intelligence. The capacity of the carbide tip to cut precisely and to last a long time is critical for the performance of any tool, so at CMT we use only premium micrograin carbide from Luxembourg to make the tips for our router bits.

MANUFACTURING

► **Turning, Milling and Cutting** Our biggest investment in recent years has been in upgrading production. Today, all machinery at CMT is fully automated. CNC machines run by specially trained operators make sure that the shanks and bodies of our router bits and boring bits are accurate and perfectly balanced.



► **Heat forged steel bodies for large diameter bits** No router bits are exactly the same, sometimes not even in the way they are made. Certain bits require a few more steps than others, like heat forging the steel of larger diameter bits before turning it down into precise bit bodies. This extra step produces a radial grain orientation which gives large diameter bits extra strength and durability.

► **Brazing** We have pioneered the art of brazing. Not only does our unique custom-designed computerized brazing equipment help eliminate the inconsistencies found in old fashioned hand brazing, but our silver-copper-silver brazing 'sandwich' provides a tight bond between the steel and the carbide, with a shock absorbing effect to protect the carbide tips when cutting harder woods.

► **Specially formulated carbide for specific applications** You have to cut every kind material, so we make sure that our carbide tips can handle each individual job. This means specially formulating the carbide of each tool so that the compositions vary from being super hard (for tough cutting jobs like laminates) to being less hard (to absorb the impact when cutting large profiles) and everything in between.

► **Grinding and Sharpening** The final step in the production process is no different from the rest: sharpening and grinding are done to extreme precision on multi-axis CNC machines. Each bevel and angle is ground or sharpened to the micron, to produce a cutting edge that is both razor sharp yet extremely durable.



680°C in seconds - and the brazing is complete.

QUALITY CONTROL - In even the most carefully done task, there's always room for error. However at CMT, we take measures to prevent even this. Just like we have always done, we manually check the quality of our tools at each step of the manufacturing process, and we still make test cuts with rail & stile bits to make sure the cut fits. However, now we also use a fully automatic measuring process that measures every dimension of the tool without actually coming into contact with it, to make sure that the tool measurements are accurate and that the profiles conform precisely to technical specifications. We also use this system to gauge the wear and tear on the CNC machines.



CMT's fully automatic measuring system.

HOW WE PRODUCE OUR HIGH QUALITY BLADES

CMT stands for quality, which means we put quality into everything we do. It only makes sense. At CMT we figure that if our router bits are going to be top quality, high-performance and orange, then our saw blades should be too. And to do that, we simply follow the same guidelines for our blades that we do for our bits: start with a solid design, use only the best materials and manufacture with skill and care. And of course, make sure they are trademark orange.



DESIGN - The simplicity of a circular saw blade design is in reality a complexity of technical considerations. Each blade has to make a certain type of cut, and this requires careful analysis of hook and grind angles, gullet designs, to location of sound dampening slots and the thickness of the blade - just to name a few. So in order for us to get the best design for our blades - and for you to get the best performance from them - we use the same method that we use to engineer our router bits: we combine the knowledgeable minds and experience of our technical department and the latest computer technology. The result is a superior blade that has some rather special "standard" features:

Anti-vibration design - The anti-vibration cuts in the blade do exactly what their name implies: they are the anti in anti-vibration. This translates into less chattering during cutting and consequently it lengthens the life of the blade. Anti-vibration also means a flawless cut, so stabilizers and scoring blades are no longer necessary.

Expansion slots - These little hook-shaped cuts in the blade help to reduce noise while regulating the expansion and contraction of the blade as it generates heat during cutting operations.

MATERIALS - When it comes down to it, saw blades are much like router bits - it's just two components: steel and carbide. So in selecting the raw materials, we are every bit as picky with our saw blades as we are with our router bits. Besides, why mess with a winning formula like superior steel and tungsten carbide?

► **Steel** - It's the heart of the blade, so CMT uses only the finest steel available: super 42-44 Rockwell hardness steel.

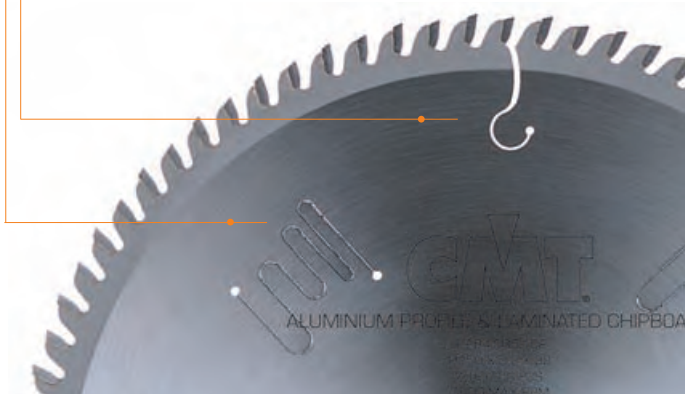
► **Carbide** - The cutting tips of every CMT blade are made from the best grades of micrograin carbide.



Laser cutting the steel plates.

MANUFACTURING - CMT saw blades are machined on automated CNC machines, from start to finish. The advanced technology and precision of these machines ensures uniform quality on every blade while giving us the possibility to carry out more efficient quality controls.

► **Laser cutting** - The steel plate of the blade is laser cut, NEVER die cut, from superior strength steel. This way of cutting steel is not only extremely precise but it makes it possible to cut harder strengths of steel and does not stress the plate while cutting, so the resulting blade is flat and true and more resistant to warping.



► **Grinding and tensioning** - After it has been cut, the blade is polished and tensioned, the evidence of which can be seen in the superior finish and a tension ring that are visible on the blade. Then the central bore is ground to a smooth finish so that the blade will fit precisely on the saw arbor and will have perfect concentricity during rotation. The seats for the carbide teeth are also ground, making sure that the carbide tips fit perfectly, providing the right conditions for making a secure braze.

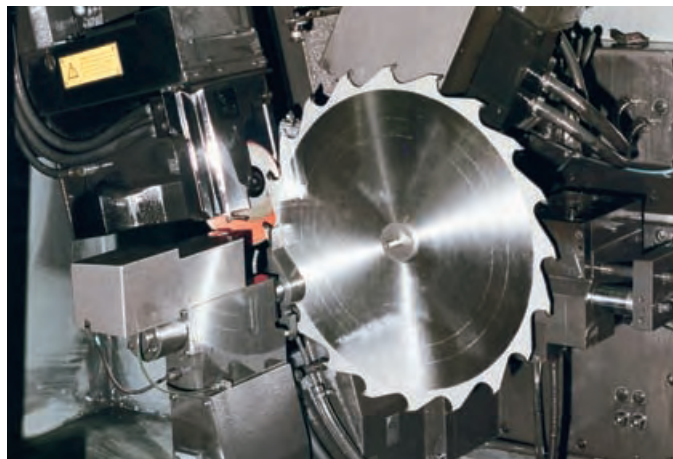


Grinding and tensioning the blades.

► **Silver-copper-silver sandwich brazing** - Once again, experience has been a good teacher. Automated brazing with a special silver-copper-silver "sandwich" brazing compound yields excellent results and reduces the chances of failed welds. In addition, this combination of metals is critical during brazing because as the steel body and the carbide tipped teeth are heated and cooled, they expand and contract at different rates. The copper layer acts as a buffer and keeps the carbide from cracking during cool down shrinkage. When wood-working, the copper provides flexibility and resistance to impact which in turn protects the carbide tips and steel shoulders when cutting through harder substances or knots in the wood.

► **Specially formulated carbide tips** - What is true for router bit carbide tips is also true for the carbide tips on saw blades: what's good for one type of blade may not be good for another. At CMT, we have studied carbide formulas and their impact on blade performance and have developed specially formulated carbide tips to match each blade's application. Larger blades require an extra-fine harder carbide that holds its edge and resharpening easily, while smaller blades need a special carbide that can withstand the occasional nail or imperfections that often occur in construction work. For each blade and each use, there is carbide made especially for it.

► **Sharpening and laser marking** - The final step is sharpening the micrograin carbide teeth. During the sharpening phase, each angle is ground to razor-sharp precision - down to the Milacron - on multi-axis CNC machines. We also laser mark our blades so you have all the details about the blade type and its uses, right there on the blade.



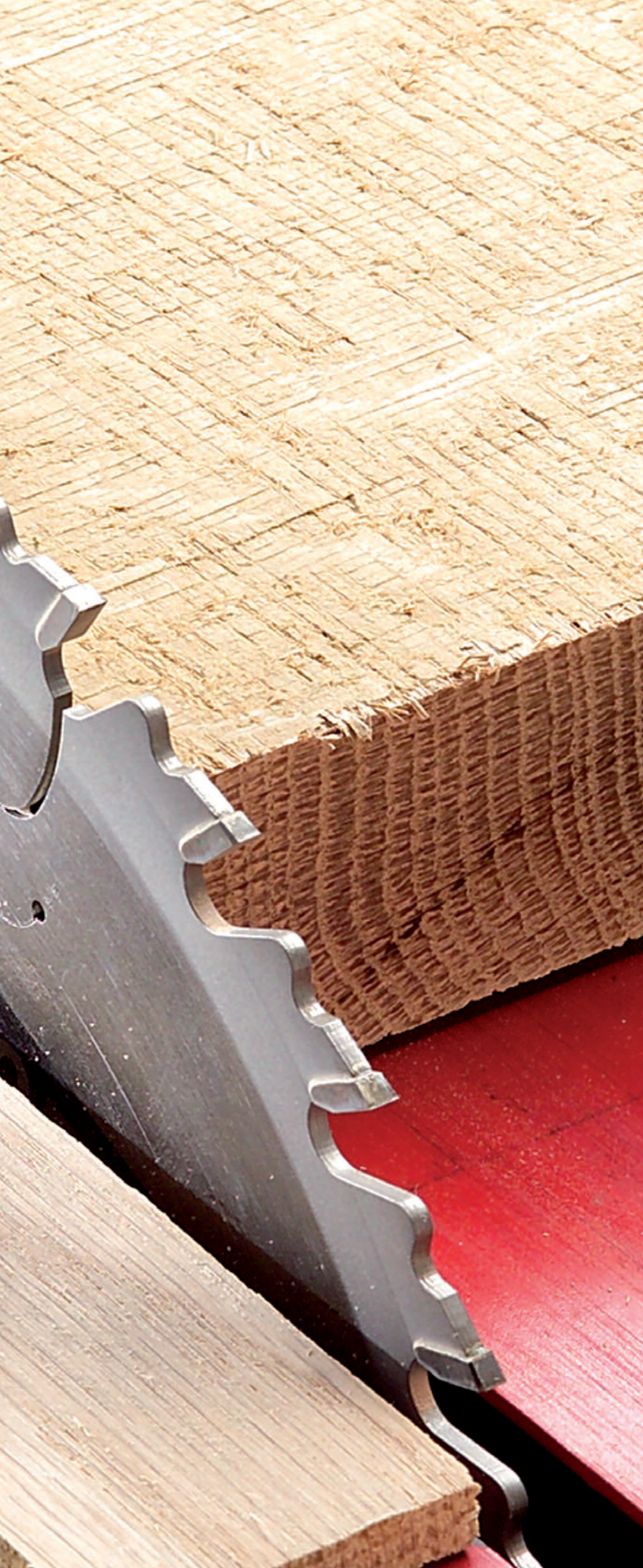
Sharpening the carbide tips.

► **Packaging and instructions** - CMT blades are packed and protected for shipping, display and storage in either a sturdy cardboard box or in a patented heavy duty HDPE plastic case that's as durable as our tools. Illustrated instructions for resharpening are included with your CMT blade so that you have all the details you need to keep the blade sharp, which will also help you extend the life of the blade.



CMT ORANGE TOOLS. Manufacturers of high quality woodworking tools since 1962, we are still proud to put "Made in Italy" on all our orange tools.





Saw blades

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Thin kerf multi-rip saw blades with rakers

industrial line



280

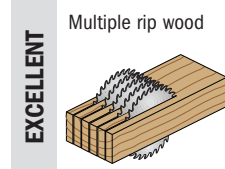
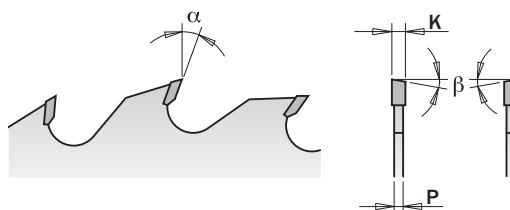
APPLICATION: for rip cuts where the thin-kerf reduce material wastes.

MACHINES: multi-rip machines with one or two shafts.

MATERIAL: hard wood dry and wet.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 10
- Grade ISO: K20
- Hardness (HV10): 1.640
- Transverse rupture strength (N/mm²): 2.200



D mm	F mm	Key way mm	Z	K mm	P mm	α	β	ORDER NO.
180	40		21+3	2,5	1,8	20°	FLAT	280.021.07S
200	40		21+3	2,5	1,8	20°	FLAT	280.021.08S
250	70	21 x 5	20+4	2,7	1,8	20°	10° ATB	280.020.10V
250	80	13 x 5	20+4	2,7	1,8	20°	10° ATB	280.020.10W
300	70	21 x 5	24+4	2,7	1,8	20°	10° ATB	280.024.12V
300	80	13 x 5	24+4	2,7	1,8	20°	10° ATB	280.024.12W

Thick-kerf multi-rip saw blades with rakers

industrial line



277

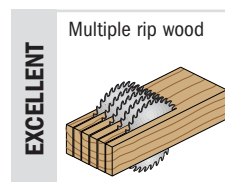
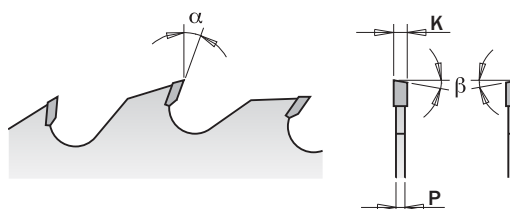
APPLICATION: for rip cuts where the thick-kerf is used as a shoulder saw blades to guarantee the accurate distribution of the lateral forces.

MACHINES: multi-rip machines with one or two shafts.

MATERIAL: thick hard wood dry and wet with humidity rate over 10%

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 10
- Grade ISO: K20
- Hardness (HV10): 1.640
- Transverse rupture strength (N/mm²): 2.200



D mm	F mm	Key way mm	Z	K mm	P mm	α	β	ORDER NO.
300	30		24+4	4,0	2,8	18°	10° ATB	277.024.12M
300	70	21 x 5	24+4	4,0	2,8	18°	10° ATB	277.024.12V
300	80	13 x 5	24+4	4,0	2,8	18°	10° ATB	277.024.12W
350	30		24+6	4,2	2,8	18°	10° ATB	277.024.14M
350	70	21 x 5	24+6	4,2	2,8	18°	10° ATB	277.024.14V

Multi-rip saw blades with rakers

industrial line



279

APPLICATION: for rip cuts where the rakers prevent the wood contact with the steel plate.

MACHINES: multi-rip machines with one or two shafts.

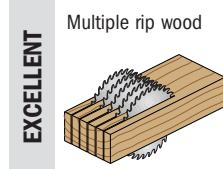
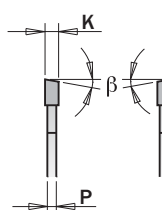
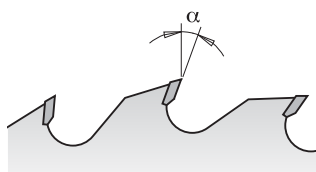
MATERIAL: soft, hard wood dry and wet.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

10
K20
1.640
2.200



D mm	F mm	Key way mm	Z	K mm	P mm	α	β	ORDER NO.
250	30		20+4	3,2	2,2	20°	10° ATB	279.020.10M
250	70	21 x 5	20+4	3,2	2,2	20°	10° ATB	279.020.10V
250	80	13 x 5	20+4	3,2	2,2	20°	10° ATB	279.020.10W
300	30		24+4	3,2	2,2	20°	10° ATB	279.024.12M
300	60	21 x 5	24+4	3,2	2,2	20°	10° ATB	279.024.12U
300	70	21 x 5	24+4	3,2	2,2	20°	10° ATB	279.024.12V
300	80	13 x 5	24+4	3,2	2,2	20°	10° ATB	279.024.12W
350	30		28+4	3,5	2,5	20°	10° ATB	279.028.14M
350	60	21 x 5	28+4	3,5	2,5	20°	10° ATB	279.028.14U
350	70	21 x 5	28+4	3,5	2,5	20°	10° ATB	279.028.14V
350	80	14 x 5	28+4	3,5	2,5	20°	10° ATB	279.028.14W
400	30		28+6	4	2,8	20°	10° ATB	279.028.16M
400	70	21 x 5	28+6	4	2,8	20°	10° ATB	279.028.16V

Multi-rip saw blades with limiter

industrial line



278

APPLICATION: for rip cuts where the special steel plate prevent vibrations.

MACHINES: multi-rip machines with one or two shafts.

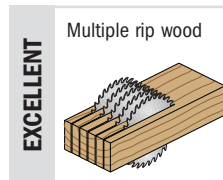
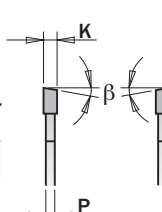
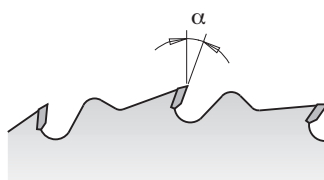
MATERIAL: soft and hard wood dry.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

10
K20
1.640
2.200



D mm	F mm	Key way mm	Z	K mm	P mm	α	β	ORDER NO.
300	30		28	3,2	2,2	20°	10° ATB	278.028.12M
300	70	21x5	28	3,2	2,2	20°	10° ATB	278.028.12V
350	30		36	3,5	2,5	20°	10° ATB	278.036.14M
350	70	21x5	36	3,5	2,5	20°	10° ATB	278.036.14V

Saw blades for building contractors



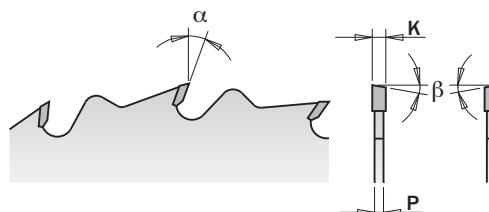
286

APPLICATION: for rip and cross cuts especially designed for building contractors.
MACHINES: table saws and portable machines.
MATERIAL: soft and hard wood and panels with nails, metal clips and pieces of concrete.

TECHNICAL DETAILS OF CARBIDE TEETH:

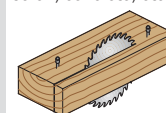
- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

6~10
K20
1.550
2.600



EXCELLENT

Soft wood with nails, screw, concrete, etc.



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	16	2,8	1,8	15°	5° ATB	286.016.10M
300	30	COMBI3	20	2,8	1,8	15°	5° ATB	286.020.12M
315	30	COMBI3	24	3,2	2,2	15°	5° ATB	286.024.13M
350	30	COMBI3	24	3,2	2,2	15°	5° ATB	286.024.14M
400	30	COMBI3	28	3,2	2,2	15°	5° ATB	286.028.16M
450	30	2/10/60	32	3,8	2,8	15°	5° ATB	286.032.18M
500	30	2/10/60	36	3,8	2,8	15°	5° ATB	286.036.20M
550	30	2/10/60	40	4	3	15°	5° ATB	286.040.22M
600	30	2/10/60	40	4	3	15°	5° ATB	286.040.24M

Shop tips:

Use our reduction rings from 30 to 25mm order no. 299.225.00 (for saw blades Ø250-300-315)
 Use our reduction rings from 30 to 25mm order no. 299.228.00 (for saw blades Ø350 and more)

Ripping saw blades industrial line



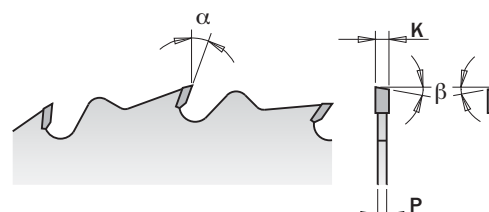
285-290-293

APPLICATION: for rip and glue line rip cuts.
MACHINES: table and special saws, portable and ripping machines for automatic or manual feeding.
MATERIAL: soft and hard wood.

TECHNICAL DETAILS OF CARBIDE TEETH:

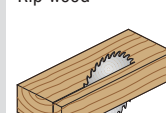
- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

8~10
K10
1.765
2.150



EXCELLENT

Rip wood



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
250*	30	COMBI3	24	2,8	1,8	20°	10° ATB	290.250.24M
270*	30	2/7/42	28	2,8	1,8	15°	10° ATB	290.270.28M
300	30	COMBI3	24	3,2	2,2	20°	10° ATB	293.024.12M
305	30	2/10/60	28	2,8	1,8	20°	10° ATB	293.028.22M
315*	30	COMBI3	28	3,2	2,2	20°	10° ATB	293.028.12M
350	30	COMBI3	28	3,5	2,5	20°	10° ATB	293.028.14M
400	30	COMBI3	36	3,5	2,5	20°	10° ATB	285.036.16M
450	30	2/10/60	36	3,8	2,8	20°	10° ATB	285.036.18M

* Non-low noise



285-291

APPLICATION: for rip and crosscuts.

MACHINES: table and special saws, portable machines.

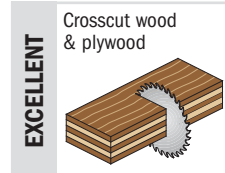
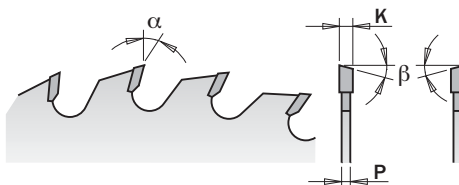
MATERIAL: soft and hard wood, wood-based panels.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8~10
- Grade ISO: K10
- Hardness (HV10): 1.765
- Transverse rupture strength (N/mm²): 2.150

8~10
K10
1.765
2.150



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
200*	30	2/10/60 + 2/7/42	36	3,2	2,2	15°	10° ATB	285.036.08M
250	20	COMBI3	40	3,2	2,2	15°	10° ATB	285.040.10H
250	30	COMBI3	40	3,2	2,2	15°	10° ATB	285.040.10M
250*	35		40	3,2	2,2	15°	10° ATB	285.040.10R
260	30	2/10/60 + 2/7/42	48	2,8	1,8	15°	10° ATB	285.048.11M
270	30	2/7/42	42	2,8	1,8	15°	15° ATB	291.270.42M
275	20		42	3,2	2,2	15°	10° ATB	285.042.11H
300	20	COMBI3	48	3,2	2,2	15°	10° ATB	285.048.12H
300	30	COMBI3	48	3,2	2,2	15°	10° ATB	285.048.12M
300*	35		48	3,2	2,2	15°	10° ATB	285.048.12R
315*	30	2/10/60 + 2/7/42	36	3,2	1,8	15°	10° ATB	285.036.13M
350	30	COMBI3	54	3,5	2,5	15°	10° ATB	285.054.14M
350*	35		54	3,5	2,5	15°	10° ATB	285.054.14R
400	30	COMBI3	48	3,5	2,5	20°	10° ATB	285.048.16M
 450*	30	2/10/60	54	3,8	2,8	15°	15° ATB	285.054.18M
 500*	30	2/10/60	60	3,8	2,8	15°	15° ATB	285.060.20M

* Non-low noise



285-294-295

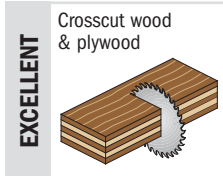
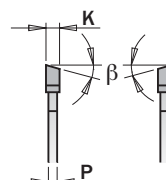
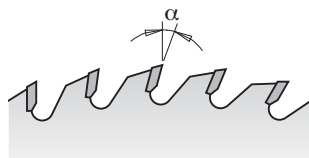
APPLICATION: for rip and crosscuts, optimal quality.

MACHINES: table and sizing saws, portable machines.

MATERIAL: soft, hard and exotic wood, wood-based panels.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 10
- Grade ISO: K01
- Hardness (HV10): 1.840
- Transverse rupture strength (N/mm²): 2.050



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
200*	30	2/10/60 + 2/7/42	48	3,2	2,2	15°	15° ATB	285.048.08M
250	30	COMBI3	48	3,2	2,2	15°	10° ATB	285.048.10M
250	30	COMBI3	60	3,2	2,2	10°	15° ATB	285.060.10M
250*	35		60	3,2	2,2	10°	15° ATB	285.060.10R
260	30	2/10/60 + 2/7/42	60	2,8	1,8	10°	15° ATB	285.060.11M
280*	30	2/10/60 + 2/7/42	64	2,8	1,8	10°	15° ATB	295.064.11M
300	30	COMBI3	60	3,2	2,2	15°	10° ATB	285.060.12M
300	30	COMBI3	72	3,2	2,2	10°	15° ATB	285.072.12M
300*	35		72	3,2	2,2	10°	15° ATB	285.072.12R
305*	30	2/10/60 + 2/7/42	54	2,8	1,8	-5° Neg.	15° ATB	294.054.22M
315*	30	COMBI3	54	3,2	1,8	15°	10° ATB	294.054.12M
350	30	COMBI3	72	3,5	2,5	15°	10° ATB	285.072.14M
350	30	COMBI3	84	3,5	2,5	10°	15° ATB	285.084.14M
350*	35		84	3,5	2,5	10°	15° ATB	285.084.14R
400*	30	COMBI3	60	3,5	2,5	10°	15° ATB	285.060.16M
450*	30	2/10/60	66	3,8	2,8	10°	15° ATB	285.066.18M
500*	30	2/10/60	72	3,8	2,8	10°	15° ATB	285.072.20M

* Non-low noise



285

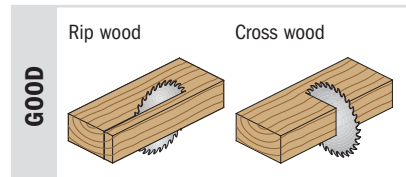
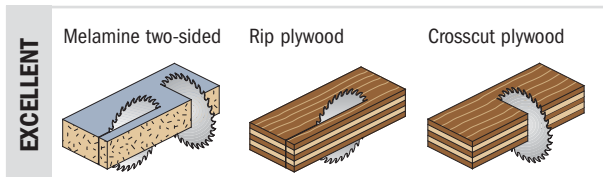
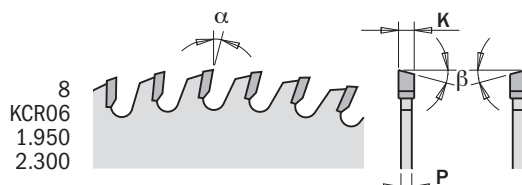
APPLICATION: for crosscuts, optimal quality.

MACHINES: table and sizing saws, portable machines.

MATERIAL: soft, hard and exotic wood, wood-based panels, one-side veneered, paper-base laminate, thermoplastic material.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- **Chromium** Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):



D mm	F mm	Pin Hole	Z	K mm	P mm	α	β	ORDER NO.
150	30	2/7/42	48	3,2	2,2	5°	15° ATB	285.048.06M
180	30	2/7/42	56	3,2	2,2	5°	15° ATB	285.056.07M
200	30	2/10/60 + 2/7/42	64	3,2	2,2	5°	15° ATB	285.064.08M
250	30	COMBI3	80	3,2	2,2	5°	15° ATB	285.080.10M
250	35		80	3,2	2,2	5°	15° ATB	285.080.10R
300	30	COMBI3	96	3,2	2,2	5°	15° ATB	285.096.12M
300	35		96	3,2	2,2	5°	15° ATB	285.096.12R
305	30	2/10/60 + 2/7/42	72	3,2	2,2	10°	15° ATB	285.072.22M
315	30	2/10/60 + 2/7/42	72	3,2	2,2	15°	15° ATB	285.072.13M
350	30	COMBI3	108	3,5	2,5	5°	15° ATB	285.108.14M
350	35		108	3,5	2,5	5°	15° ATB	285.108.14R
400	30	COMBI3	96	3,5	2,5	10°	15° ATB	285.096.16M
400	30	2/10/60 + 2/7/42	120	3,5	2,5	10°	15° ATB	285.120.16M

Super finishing saw blade for frames cut

XTreme line



285.5 XTREME

APPLICATION: for crosscuts, optimal quality on molds and end trims for perfect joints.

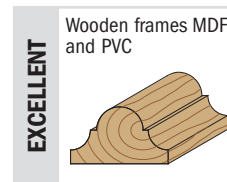
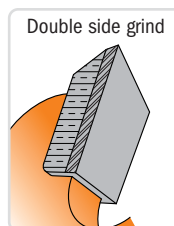
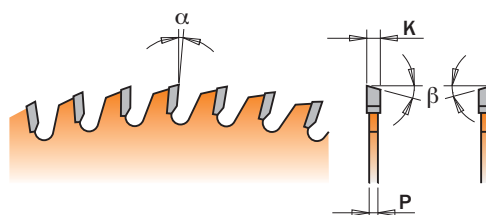
MACHINES: table and sizing saws, single or double-head mitre saws.

MATERIAL: soft and hard wood, MDF.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- **Chromium** Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

8
KCR06
1.950
2.300



D mm	F mm	Pin Hole	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	80	3,0	2,5	10°	20° ATB	285.580.10M
300	30	COMBI3	96	3,0	2,5	10°	20° ATB	285.596.12M

Orange PTFE coated blades: a great choice for the shop that keeps its blades running all day, every day. With their heavy-gauge plate, these blades have the stamina for saws with lots of power.

Fine cut off saw blades for melamine two-sided

industrial line

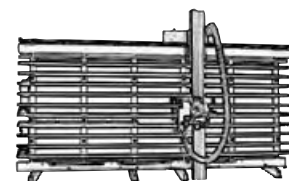
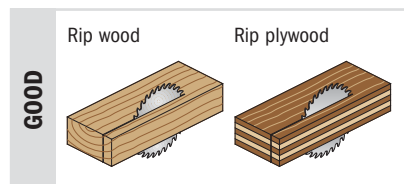
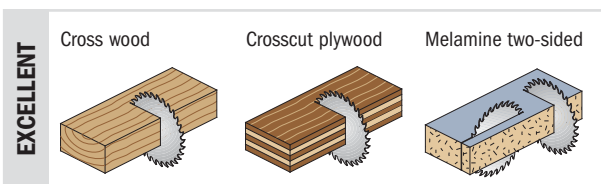
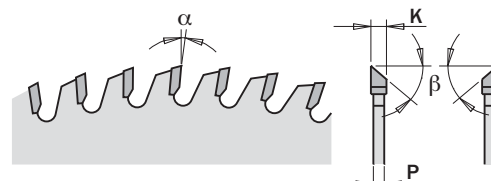


283

APPLICATION: for sizing cuts, perfect finishing on both sides on bilaminated panels without the scoring blade.
MACHINES: table and vertical saws, sizing and portable machines.
MATERIAL: single or double laminated panels with coating and veneered.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole	Z	K mm	P mm	α	β	ORDER NO.
220*	30	2/7/42	64	3,2	2,2	-5°	40° ATB	283.064.09M
250	30	COMBI3	80	3,2	2,2	-2°	40° ATB	283.080.10M
300	30	COMBI3	96	3,2	2,2	2°	40° ATB	283.096.12M
350	30	COMBI3	108	3,5	2,5	5°	40° ATB	283.108.14M

* Non-low noise

Fine cut off saw blades for melamine two-sided

Xtreme line

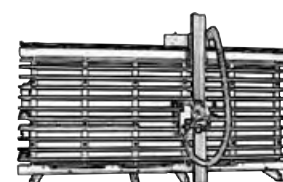
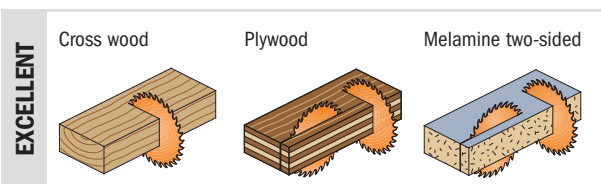
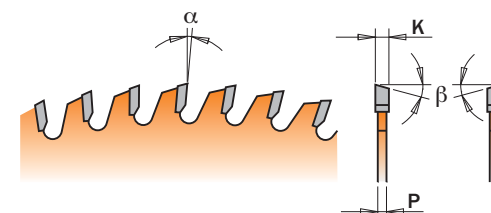


210 XTREME

APPLICATION: for sizing cuts, perfect finishing on both sides on bilaminated panels without the scoring blade.
MACHINES: table and vertical saws, sizing and portable machines.
MATERIAL: one-side or double side laminated panels with coating and veneered.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
250	30	80	3,2	2,2	5°	40° ATB	210.080.10M
300	30	96	3,2	2,2	5°	40° ATB	210.096.12M

Orange PTFE coated blades: a great choice for the shop that keeps its blades running all day, every day.
 With their heavy-gauge plate, these blades have the stamina for saws with lots of power.

Fine cut off saw blades for melamine two-sided

industrial line



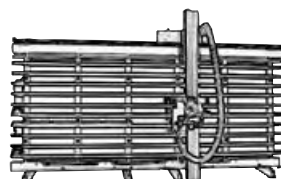
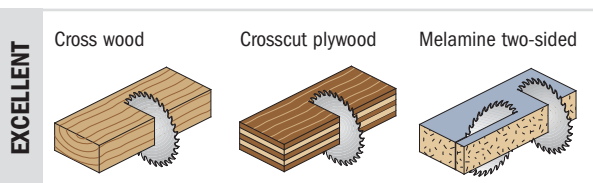
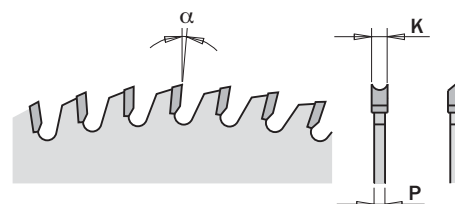
287

APPLICATION: for sizing cuts, perfect finishing with high feed rate and long tool life without the scoring blade
MACHINES: panel sizing machines and vertical saws
MATERIAL: one-side or double side laminated and hard coating panels, thermoplastic



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
220	30	2/7/42	42	3,2	2,2	10°	HDF	287.042.09M
250	30	COMBI3	48	3,2	2,2	10°	HDF	287.048.10M
303	30	COMBI3	60	3,2	2,2	10°	HDF	287.060.12M

Laminated and chipboard saw blades

industrial line



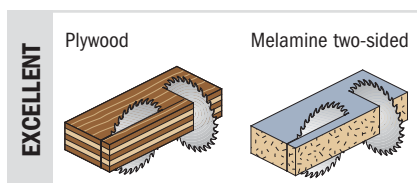
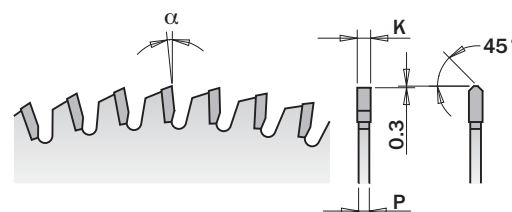
281

APPLICATION: for sizing cuts, perfect finishing without the scoring blade
MACHINES: table saws, horizontal and vertical sizing machines
MATERIAL: one-side or double side laminated panels



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 10
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	60	3,2	2,2	-6°	TCG	281.061.10M
300	30	COMBI3	72	3,2	2,2	-6°	TCG	281.073.12M

Laminated and chipboard saw blades

industrial line



281

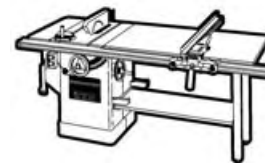
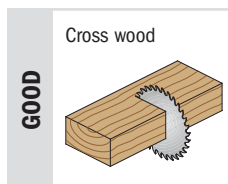
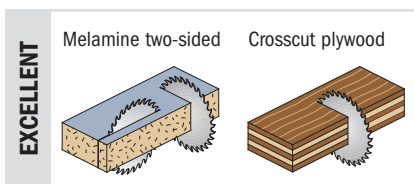
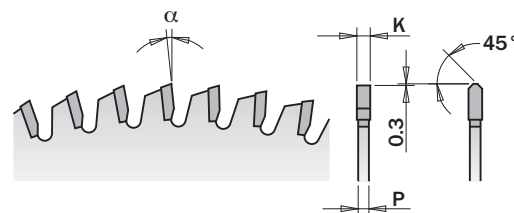
APPLICATION: for sizing cuts, perfect finishing (using scoring blade).

MACHINES: table saws, horizontal and vertical sizing machines.

MATERIAL: one-side or double side plastic-laminated panels.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
160**	20	4/7/32 45°	40	2,4	1,6	10°	TCG	281.160.40H
200*	30	2/7/42	64	3,2	2,2	10°	TCG	281.064.08M
220*	30	2/7/42	64	3,2	2,2	10°	TCG	281.064.09M
250	30	COMBI3	60	3,2	2,2	10°	TCG	281.060.10M
250	30	COMBI3	80	3,2	2,2	10°	TCG	281.080.10M
300	30	COMBI3	72	3,2	2,2	10°	TCG	281.072.12M
300	30	COMBI3	96	3,2	2,2	10°	TCG	281.096.12M
350	30	COMBI3	84	3,5	2,5	10°	TCG	281.084.14M
350	30	COMBI3	108	3,5	2,5	10°	TCG	281.108.14M

* Non-low noise - ** Suitable for Virutex machines

Laminated and chipboard saw blades

XTreme line



281.5 XTREME

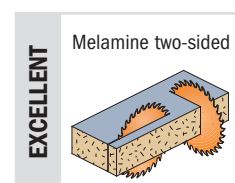
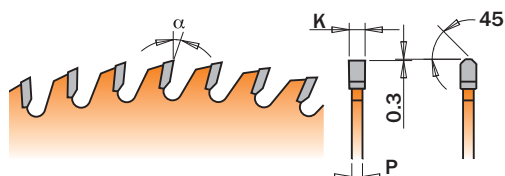
APPLICATION: for sizing cuts, perfect finishing (using scoring blade).

MACHINES: table saws, horizontal and vertical sizing machines.

MATERIAL: one-side or double side plastic-laminated panels.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	80	3,2	2,2	10°	TCG	281.580.10M
300	30	COMBI3	96	3,2	2,2	10°	TCG	281.596.12M
350	30	COMBI3	108	3,5	2,5	10°	TCG	281.608.14M

Orange PTFE coated blades: a great choice for the shop that keeps its blades running all day, every day. With their heavy-gauge plate, these blades have the stamina for saws with lots of power.

DP Laminated and chipboard saw blade

XTreme line



new

CMT ORANGE TOOLS™



237 XTREME



APPLICATION: for sizing cuts, perfect finishing (using scoring blade) and increased tool life up to 50 times longer than HW blades thanks to a special polycrystalline diamond formula. The best quality/price ratio!

MACHINES: table saws, horizontal and vertical sizing machines.

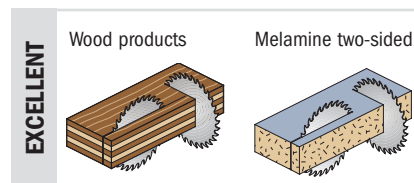
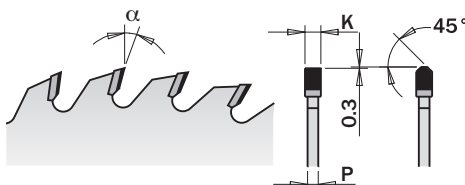
MATERIAL: one-side or double side plastic-laminated panels, MDF and HDF.

50X
LONGER LIFE
THAN CARBIDE BLADES

TECHNICAL DETAILS OF DP TEETH:

- Teeth height mm:
- Grade:
- Hardness (HV):
- Resharpenable:

4
2µm
10.000
6 times



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	48	3,2	2,2	10°	45° TCG	237.048.10M
300	30	COMBI3	60	3,2	2,2	10°	45° TCG	237.060.12M
350	30	COMBI3	72	3,5	2,4	15°	45° TCG	237.072.14M

DP Conical scoring blades

XTreme line



new



238 XTREME



APPLICATION: for chip-free scoring of the plastic-laminated panels; increased tool life up to 50 times longer than HW blades thanks to a special polycrystalline diamond formula. The best quality/price ratio!

MACHINES: horizontal and vertical sizing machines equipped with scoring device.

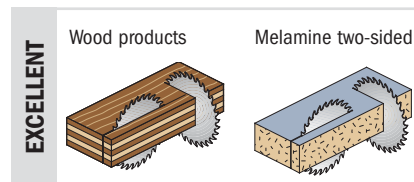
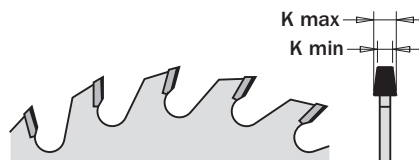
MATERIAL: one-side or double side plastic-laminated panels, MDF and HDF.

50X
LONGER LIFE
THAN CARBIDE BLADES

TECHNICAL DETAILS OF DP TEETH:

- Teeth height mm:
- Grade:
- Hardness (HV):
- Resharpenable:

4
2µm
10.000
6 times



D mm	F mm	Z	K mm	α	β	ORDER NO.
120	20	20	3,1-3,7	5°	CONICAL	238.120.20H
125	20	20	3,1-3,7	5°	CONICAL	238.125.20H



288

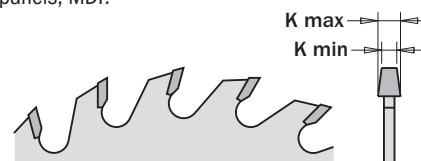
APPLICATION: for chip-free scoring of the plastic-laminated panels.

MACHINES: horizontal and vertical sizing machines equipped with scoring device allowing the vertical adjustment.

MATERIAL: one-side or double side plastic-laminated panels, MDF.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 8~10
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Pin Hole 	Z	K mm			β	ORDER NO.
100	20		20	3,1-4			CONICAL	288.100.20H
100	22		20	3,1-4			CONICAL	288.100.20K
120	20		24	3,1-4			CONICAL	288.120.24H
120	22		24	3,1-4			CONICAL	288.120.24K
125	20		24	3,1-4			CONICAL	288.125.24H
125	20		24	4,3-5,5			CONICAL	288.125.24H2
125	22		24	3,1-4			CONICAL	288.125.24K
125	45		24	4,3-5,5			CONICAL	288.125.24Q
140	16	1/6/33	24	3,1-4			CONICAL	Y288.140.24E
150	45		36	4,3-5,5			CONICAL	288.150.36Q
160	45	3/11/70	36	4,3-5,5			CONICAL	288.160.36Q
160	55	3/7/66	36	4,3-5,5			CONICAL	288.160.360
160	55	3/7/66	36	4,7-6,0			CONICAL	Y288.160.3602
180	20		36	4,3-5,5			CONICAL	Y288.180.36H
180	30		36	4,3-5,5			CONICAL	288.180.36M
180	45		36	4,7-6,0			CONICAL	288.180.36Q
180	55		36	5,0-6,2			CONICAL	288.180.360
180	50	3/12,5/80	44	4,3-5,5			CONICAL	288.180.44T
200	20		36	4,3-5,5			CONICAL	288.200.36H
200	45		36	4,7-6,0			CONICAL	288.200.36Q
200	65	2/9/110	36	4,3-5,5			CONICAL	288.200.36J
215	50	3/15/80	42	4,3-5,5			CONICAL	288.215.42T
300	50	3/15/80	48	4,3-5,5			CONICAL	288.300.48T
300	65	2/9/110	72	4,3-5,5			CONICAL	288.300.72J

Adjustable scoring blades

industrial line



289

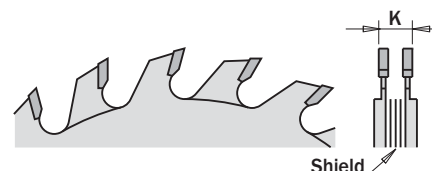
APPLICATION: for chip-free scoring of the plastic-laminated panels.

MACHINES: horizontal and vertical sizing machines equipped with scoring device not allowing the adjustment of the depth.

MATERIAL: one-side or double side plastic-laminated panels, MDF.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 7
- **Chromium** Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm		Z	K mm			β	ORDER NO.
80	20		10+10	2,8-3,6			FLAT	289.080.20H
100	20		10+10	2,8-3,6			FLAT	289.100.20H
100	22		10+10	2,8-3,6			FLAT	289.100.20K
120	20		12+12	2,8-3,6			FLAT	289.120.24H
120	22		12+12	2,8-3,6			FLAT	289.120.24K
125	20		12+12	2,8-3,6			FLAT	289.125.24H
125	22		12+12	2,8-3,6			FLAT	289.125.24K



281-282

APPLICATION: for sizing single sheets and multiple panels.

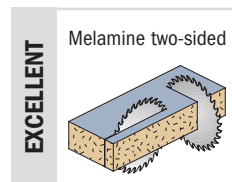
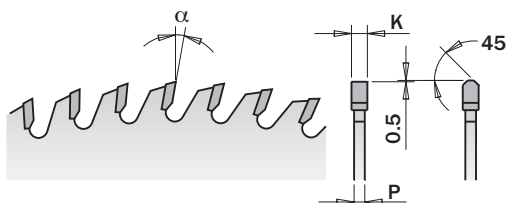
MACHINES: horizontal panel sizing machine.

MATERIAL: one-side or double side plastic-laminated panels, MDF.

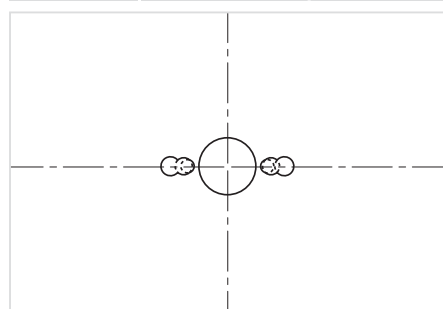
TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- **Chromium** Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

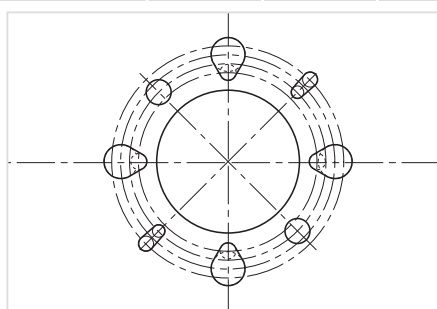
8~10
KCR06
1.950
2.300



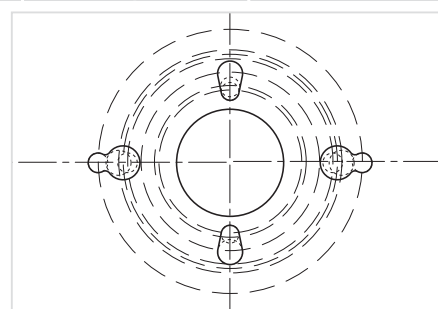
D mm	F mm	Pin Hole ⊕	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	60	3,2	2,2	10°	TCG	281.060.10M
250	30	COMBI3	80	3,2	2,2	10°	TCG	281.080.10M
300	30		60	4,4	3,2	16°	TCG	282.060.12M
300	30	COMBI3	72	3,2	2,2	10°	TCG	281.072.12M
300	30	COMBI3	96	3,2	2,2	10°	TCG	281.096.12M
300	75		60	4,4	3,2	16°	TCG	282.060.12X
300	80	COMBI5	60	4,4	3,2	16°	TCG	282.060.12W
new 350	30	4/9/100	54	4,4	3,2	16°	TCG	282.054.14M
350	30	4/9/100	72	4,4	3,2	16°	TCG	282.072.14M
350	30	COMBI3	108	3,5	2,5	10°	TCG	281.108.14M
350	50	3/12,5/80	72	4,4	3,2	16°	TCG	282.072.14T
new 350	75	4/15/105	54	4,4	3,2	16°	TCG	282.054.14X
350	75	4/15/105	72	4,4	3,2	16°	TCG	282.072.14X
new 350	80	COMBI5	54	4,4	3,2	16°	TCG	282.054.14W
350	80	COMBI5	72	4,4	3,2	16°	TCG	282.072.14W
new 355	30	2/7/42 + 2/10/60	72	4,4	3,2	16°	TCG	S282.03556
380	60	COMBI7	72	4,8	3,5	16°	TCG	282.072.15U
new 400	30		60	4,4	3,2	16°	TCG	282.060.16M
400	30		72	4,4	3,2	16°	TCG	282.072.16M
400	60	COMBI7	72	4,4	3,2	16°	TCG	282.072.16U
400	75	4/15/105	60	4,4	3,2	16°	TCG	282.060.16X
new 400	75	4/15/105	72	4,4	3,2	16°	TCG	282.072.16X
400	80	2/9/130 + 4/19/120	72	4,4	3,2	16°	TCG	282.072.16W2
new 400	80	COMBI5	60	4,4	3,2	16°	TCG	282.060.16W
400	80	COMBI5	72	4,4	3,2	16°	TCG	282.072.16W
430	75	4/15/105	72	4,4	3,2	16°	TCG	282.072.17X
430	80	COMBI5	72	4,4	3,2	16°	TCG	282.072.17W2
450	60	COMBI7	72	4,8	3,5	16°	TCG	282.072.18U
450	80	COMBI5	72	4,8	3,5	16°	TCG	282.072.18W2
500	60	COMBI7	72	4,8	3,5	16°	TCG	282.072.20U
500	80	COMBI5	72	4,8	3,5	16°	TCG	Y282.072.20W
550	100		72	5,2	3,5	16°	TCG	282.072.22A



COMBI3 PIN HOLE: 2/7/42mm
2/9,5/46,5mm
2/10/60mm



COMBI5 PIN HOLE: 2/7/110mm
2/8,4/130mm
2/14/110mm
4/9/100mm
4/19/120mm



COMBI7 PIN HOLE: 2/10/80mm
1/11/85mm
2/11/115mm
2/11/148mm
2/14/100mm
2/14/125mm
2/19/120mm

Panel sizing and scoring blades

for panel sizing machines

	D mm	F mm		Z	K mm	β	ORDER NO. PANEL SIZING SAW BLADE	MACHINE	D mm	F mm	Z	K mm	ORDER NO. CONICAL SCORING BLADE
Saw blades	300	30	2+2	96	3,2	TCG	281.096.12M	ALTENDORF F45, WA80	120	22	24	3,1-4,0	288.120.24K
	400	60	2	72	4,4	TCG	282.072.16U	ANTHON LN90, LNA100, PORTA100	180	20	36	4,3-5,5	Y288.180.36H
Tools with bore & Knives	500	60	2	72	4,8	TCG	282.072.20U	PORTA150, LNB150					
	300	30		60	4,4	TCG	282.060.12M	CASADEI MX, CX, SX, SV	125	20	24	4,3-5,5	288.125.24H2
Router Bits & Sets	350	30	4	72	4,4	TCG	282.072.14M	MX, CX, SX, SV	125	20	24	4,3-5,5	288.125.24H2
	300	80	4+2+2	60	4,4	TCG	282.060.12W	GABBIANI GMS	160	55	36	4,3-5,5	288.160.360
CNC Router Cutter & Chucks	350	80	4+2+2	72	4,4	TCG	282.072.14W	GMS 10-30-40-50	160	55	36	4,3-5,5	288.160.360
	400	80	4+2+2	72	4,4	TCG	282.072.16W	GMS 10-30-40-50	160	55	36	4,3-5,5	288.160.360
Industrial Dowel Drills	500	80	4+2+2	72	4,8	TCG	Y282.072.20W		160	55	36	4,7-6,0	Y288.160.3602
	300	75	4	60	4,4	TCG	282.060.12X	GIBEN FASTMATIC	125	45	24	4,3-5,5	288.125.24Q
Bits for Hand Power Tools	350	75	4	72	4,4	TCG	282.072.14X	MK, GAMMA N, ST, SE, TREND, MK2	125	45	24	4,3-5,5	288.125.24Q
	400	75	4	72	4,4	TCG	282.072.16X	G2000	125	45	24	4,3-5,5	288.125.24Q
Spare Parts	400	75	4	72	4,4	TCG	282.072.16X	PRIMASTIC 101	160	45	36	4,3-5,5	288.160.36Q
	400	75	4	72	4,4	TCG	282.072.16X	PRIMASTIC 201	215	50	42	4,3-5,5	288.215.42T
Power Tools & Accessories	430	75	4	72	4,4	TCG	282.072.17X	PRIMASTIC 201	300	50	48	4,3-5,5	288.300.48T
	550	100		72	5,2	TCG	282.072.22A	FASTMATIC	180	55	36	5,0-6,2	288.180.360
Display Cabinets	300	30		60	4,4	TCG	282.060.12M	HÖFER PS	180	20	36	4,3-5,5	Y288.180.36H
	350	30	4+2+2	72	4,4	TCG	282.072.14M	PM	200	20	36	4,3-5,5	288.200.36H
	400	30		72	4,4	TCG	282.072.16M	PM	200	20	36	4,3-5,5	288.200.36H
	380	60		72	4,8	TCG	282.072.15U	HOLZMA HPP 81, HPL 81, 91	200	45	36	4,7-6,0	288.200.36Q
	450	60		72	4,8	TCG	282.072.18U	HPP 11	180	45	36	4,7-6,0	288.180.36Q
	500	60	2	72	4,8	TCG	282.072.20U	TYP 22	200	45	36	4,7-6,0	288.200.36Q
	300	75	4	60	4,4	TCG	282.060.12X	HOMAG CH03	125	45	24	4,3-5,5	288.125.24Q
	300	75	4	60	4,4	TCG	282.060.12X	CH04, CH06/10	150	45	36	4,3-5,5	288.150.36Q
	400	75	4	72	4,4	TCG	282.072.16X	CH12	150	45	36	4,3-5,5	288.150.36Q
	300	30		60	4,4	TCG	282.060.12M	MAYER	125	45	24	4,3-5,5	288.125.24Q
	350	30	4	72	4,4	TCG	282.072.14M		125	45	24	4,3-5,5	288.125.24Q
	400	30		72	4,4	TCG	282.072.16M		125	45	24	4,3-5,5	288.125.24Q
	250	30		60	3,2	TCG	281.060.10M	PANHANS EURO 5, EURO 5 SFV	125	20	24	3,1-4	288.125.24K
	300	30		60	4,4	TCG	282.060.12M	693/SH/SO	125	20	24	4,3-5,5	288.125.24H2
	300	30		60	4,4	TCG	282.060.12M	EURO10 / SF, 693/SH70	180	30	36	4,3-5,5	288.180.36M
	350	30	4	72	4,4	TCG	282.072.14M	EURO30SF, 693/SH90	180	30	36	4,3-5,5	288.180.36M
	400	30		72	4,4	TCG	282.072.14M	693/SH110	180	30	36	4,3-5,5	288.180.36M
	350	30	4	72	4,4	TCG	282.072.14M	SCHELLING FI, FM	200	20	36	4,3-5,5	288.200.36H
	400	30		72	4,4	TCG	282.072.16M	FW/AW, AK	200	20	36	4,3-5,5	288.200.36H
	450	80	2+4	72	4,8	TCG	282.072.18W2	SCHWEBEDISSEN S50, S50 CNC					
	250	30	2	60	3,2	TCG	281.060.10M	SCHEER FM	140	16	24	3,1-4	Y288.140.24E
	350	30	4	72	4,4	TCG	282.072.14M	SCM Z15, Z32, Z45	160	55	36	4,3-5,5	288.160.360
	400	80	2+4	72	4,4	TCG	282.072.16W2	SELCO WN 200, WNT 200	200	65	36	4,3-5,5	288.200.36J
	430	80	2+4	72	4,4	TCG	282.072.17W2	WN 200, WNT 200	300	65	72	4,3-5,5	288.300.72J
	450	80	2+4	72	4,8	TCG	282.072.18W2	WN 200, WNT 200	200	65	36	4,3-5,5	288.200.36J
	300	30		60	4,4	TCG	282.060.12M	STETON SPLENDIDA	120	30	24	4,3-5,5	Y288.120.24M
	400	60	2	72	4,4	TCG	282.072.16U	S2000	180	30	36	4,3-5,5	288.180.36M
	500	60	2	72	4,8	TCG	282.072.20U	CENTURY	180	30	36	4,7-6,0	288.180.36M



284

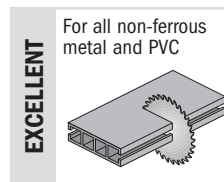
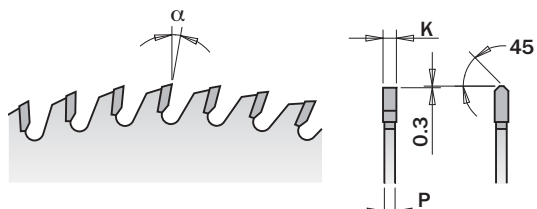
APPLICATION: for cutting and dividing tube, drawn products and solid block.
MACHINES: table saws, single or double mitre saws with mechanical clamping of the piece.
MATERIAL: aluminum, brass, copper alloy, plastic, composite material.
WARNING: it is recommended to properly clamp the workpiece during cutting operation
 it is recommended using a liquid lubricant.
 Wax stick for lubrication NOT RECOMMENDED



TECHNICAL DETAILS OF CARBIDE TEETH:

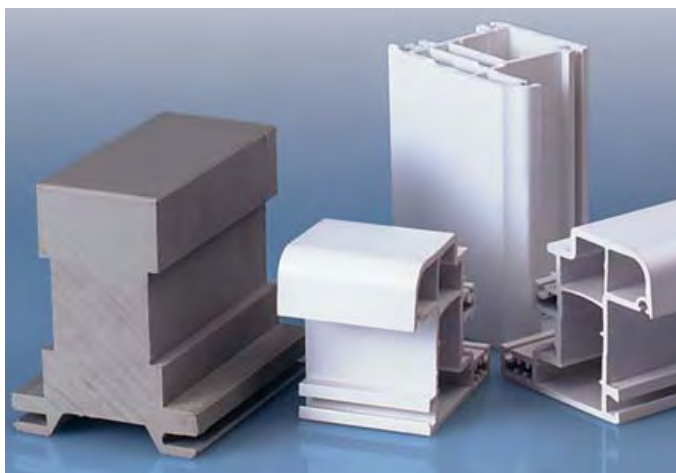
- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

8
K10
1.765
2.150



Saw blades for industrial machines. Positive hook angle

D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	32	2/12/64	80	3,2	2,5	5° Pos.	TCG	284.080.10P
300	32	2/12/64	96	3,2	2,5	5° Pos.	TCG	284.096.12P
350	32	2/12/64	92	3,2	2,5	5° Pos.	TCG	284.092.14P
350	32	2/12/64	108	3,2	2,5	5° Pos.	TCG	284.108.14P
400	32	2/12/64	96	3,8	3,2	5° Pos.	TCG	284.096.16P
420	32	2/12/64	96	3,8	3,2	5° Pos.	TCG	284.096.17P
450	32	2/12/64	108	3,8	3,2	5° Pos.	TCG	284.108.18P
500	32	2/12/64	120	4	3,2	5° Pos.	TCG	284.120.20P



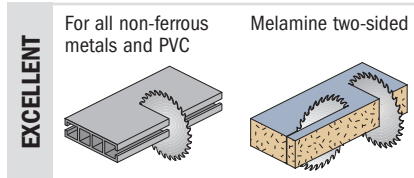
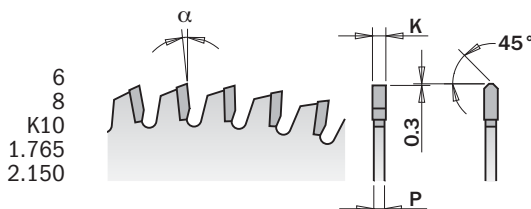


296-297

- APPLICATION:** for cutting and dividing tube, drawn products and solid block.
- MACHINES:** single or double mitre saws, radial saws.
Recommended use with saw blade over the workpiece. Use serie 296 for portable machines.
- MATERIAL:** aluminum, brass, copper alloy, plastic, composite material, melamine and laminated panels.
- WARNING:** it is recommended using a liquid lubricant.
Wax stick for lubrication NOT RECOMMENDED

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height serie 296 mm:
- Teeth height serie 297 mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):



Saw blades for portable machines. Negative hook angle

D mm	F mm	Pin Hole ⊕⊕⊕	Z	K mm	P mm	α	β	ORDER NO.
160*	20	2/6/32	40	2,8	2,2	-6° Neg.	TCG	296.160.40H
160*	20	2/6/32	56	2,8	2,2	-6° Neg.	TCG	296.160.56H
180*	20	2/6/32	40	2,8	2,2	-6° Neg.	TCG	296.180.40H
190*	30	2/7/42	40	2,8	2,2	-6° Neg.	TCG	296.190.40M
190*	30	2/7/42	64	2,8	2,2	-6° Neg.	TCG	296.190.64M
190*	20 (Festool® FF)	Key 5/7/2,5	64	2,8	2,2	-6° Neg.	TCG	296.190.64FF
200*	30	COMBI3	48	2,8	2,2	-6° Neg.	TCG	296.200.48M
210*	30	2/7/42	48	2,8	2,2	-6° Neg.	TCG	296.210.48M
210*	30	2/7/42	64	2,8	2,2	-6° Neg.	TCG	296.210.64M
225*	30	2/7/42	64	2,8	2,2	-6° Neg.	TCG	296.225.64M
230*	30	2/7/42	48	2,8	2,2	-6° Neg.	TCG	296.230.48M
235*	30	2/7/42	48	2,8	2,2	-6° Neg.	TCG	296.235.48M

Remarks: supplied in plastic carry case

Saw blades to fit on trim- and mitre saws, table saws and combined joinery machines. Negative hook angle

D mm	F mm	Pin Hole ⊕⊕⊕	Z	K mm	P mm	α	β	ORDER NO.
216*	30		64	2,8	2,5	-6° Neg.	TCG	297.064.09M
250	30	COMBI3	80	3,2	2,5	-6° Neg.	TCG	297.080.10M
250	32	2/12/64	80	3,2	2,5	-6° Neg.	TCG	297.080.10P
260	30	2/10/60 + 2/7/42	80	2,8	2,2	-6° Neg.	TCG	297.080.11M
280*	30	2/10/60 + 2/7/42	64	3,2	2,5	-6° Neg.	TCG	297.064.11M
300	30	COMBI3	96	3,2	2,5	-6° Neg.	TCG	297.096.12M
300	32	2/12/64	96	3,2	2,5	-6° Neg.	TCG	297.096.12P
305*	30	2/10/60 + 2/7/42	96	3,2	2,5	-6° Neg.	TCG	297.096.13M
315	30	2/10/60 + 2/7/42	96	3,2	2,5	-6° Neg.	TCG	297.096.23M
350	30	COMBI3	108	3,2	2,5	-6° Neg.	TCG	297.108.14M
350	32	4/12/64	108	3,2	2,5	-6° Neg.	TCG	297.108.14P
400	30	2/10/60	120	3,8	3,2	-6° Neg.	TCG	297.120.16M
400	32	4/12/64	108	3,8	3,2	-6° Neg.	TCG	297.108.16P
450	30	2/10/60	140	3,8	3,2	-6° Neg.	TCG	Y297.140.18M
450	32	2/12/64	108	3,8	3,2	-6° Neg.	TCG	297.108.18P
500	32	2/12/64	120	4,0	3,2	-6° Neg.	TCG	297.120.20P

* Non-low noise



226

APPLICATION: for cross cuts of different kind of materials.

MACHINES: dry-cutter and mitre saws without lubrication.

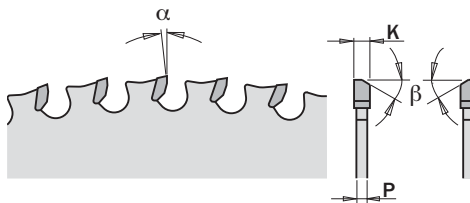
MATERIAL: for ferrous material and constructional steel.

WARNING: not recommended for non-ferrous metals, wood, glass, concrete, plastic.

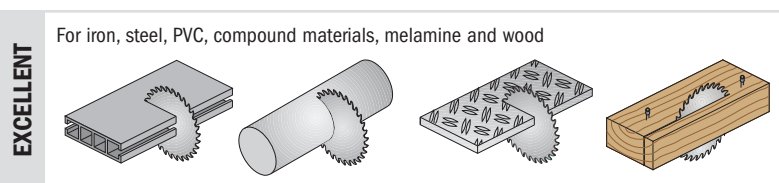
TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

5
K30
1.520
2.300



Blade diameter	RPM Max
136	10900
160-165	9000
184-190	8000
210-235	6400
254	5900
305	4900
355	4200



D mm	F mm		Z	K mm	P mm	α	β	ORDER NO.
136,5	10		30	1,5	1,2	0°	TCG	226.030.05
new 136,5	20		30	1,5	1,2	0°	TCG	226.030.05H
160	20		30	2,0	1,6	0°	TCG	226.030.06H
165	15,87		36	1,5	1,2	0°	TCG	226.036.06
165	20		36	1,5	1,2	0°	TCG	226.036.06H
184	15,87		48	2,0	1,6	0°	TCG	226.048.07
190	30		40	2,0	1,6	0°	TCG	226.040.07M
210	15,87		48	2,2	1,8	0°	TCG	226.048.08
210	30		48	2,2	1,8	0°	TCG	226.048.08M
235	30		48	2,2	1,8	0°	TCG	226.048.09M
254	15,87		60	2,2	1,8	0°	8° FWF	226.060.10
254	30		60	2,2	1,8	0°	8° FWF	226.060.10M
305	25,4		60	2,2	1,8	0°	8° FWF	226.060.12
305	25,4		80	2,2	1,8	0°	8° FWF	226.080.12
305	30		80	2,2	1,8	0°	8° FWF	226.080.12M
355	25,4		80	2,2	1,8	0°	8° FWF	226.080.14
355	25,4		90	2,2	1,8	0°	8° FWF	226.090.14
355	30		90	2,2	1,8	0°	8° FWF	226.090.14M



223

APPLICATION: for swirl free cuts.

MACHINES: table saws and panel sizing.

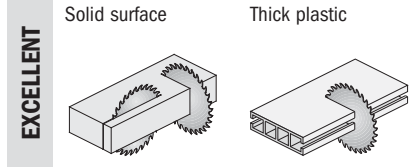
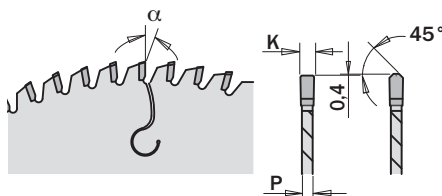
MATERIAL: solid surface materials (Dupont Corian®, Wilsonart Gibraltar®, SSV Fountainhead®, Varicor®, etc.) and thick plastic.

WARNING: not recommended for use on mitre saws.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- **Chromium** Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

8
KCR06
1.950
2.300



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	72	3,2	2,5	0°	MTCG	223.072.10M
300	30	COMBI3	84	3,2	2,5	0°	MTCG	223.084.12M

PVC & Plexiglass blades

Industrial line



222

APPLICATION: for perfect cuts without melting and scratching.

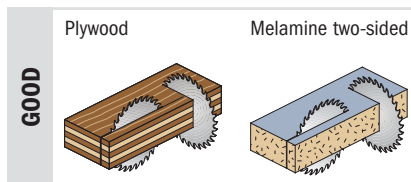
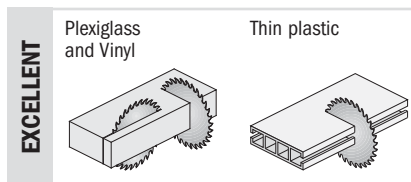
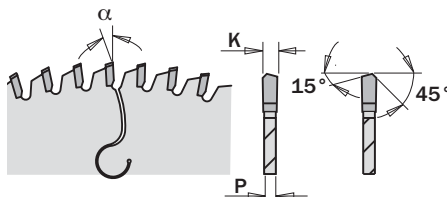
MACHINES: table saws, panel sizing and mitre saws.

MATERIAL: thin plastic, plexiglass, vinyl, plywood, laminated flooring.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- **Chromium** Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

8
KCR06
1.950
2.300



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	30	COMBI3	80	2,8	2,2	-3°	MATB	222.080.10M
300	30	COMBI3	96	2,8	2,2	-3°	MATB	222.096.12M

Ultra Industrial Thin-Kerf blades

CMT's Industrial Thin Kerf blades feature quality, durability and value that are setting new standards in saw blade technology. In fact, these blades offer a combination of price and quality that simply can't be matched anywhere. Manufactured using breakthrough design features, the latest computer-controlled equipment and the world's finest steel and carbide, ITK blades offer all the advantages of a thin kerf blade, plus the quality that has made CMT a respected name throughout the world. Try ITK and see for yourself. From design to materials to production to packaging, the new standard of cutting performance is as simple as ITK.



ITK Blades Feature:

- Anti-kickback design
- Ultra Thin Kerf
- Laser Cut Arbor and Plate
- High Quality Steel
- Tri-Metal Brazing
- Finest Micrograin Carbide
- Low Noise

Ultra Thin-Kerf rip and crosscut blades



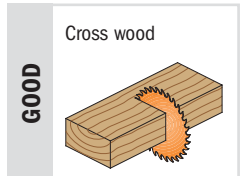
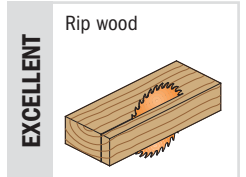
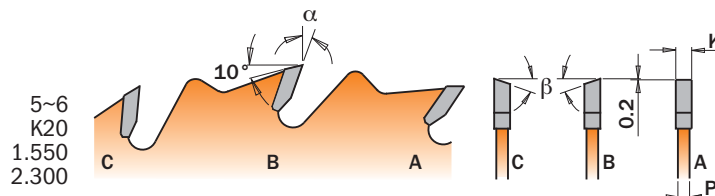
271

APPLICATION: for rip cuts where the ultra thin-kerf reduce material wastes.
MACHINES: table and mitre saws, portable and cordless machines.
MATERIAL: soft and hard wood.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 5~6
- Grade ISO: K20
- Hardness (HV10): 1.550
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
130	16	12	1,3	0,8	25°	1 FTG+2/20° ATB	271.130.12E
136	10	18	1,5	1,0	20°	1 FTG+2/20° ATB	271.136.18D
136	20	18	1,5	1,0	20°	1 FTG+2/20° ATB	271.136.18H
150	20	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.150.18H
160	16	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.160.18E
160	20	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.160.18H
165	16	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.165.18
165	20	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.165.24H
184	16	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24E
184	20	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24H
184	30	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24M
190	30	24	1,5	1,0	20°	1 FTG+2/20° ATB	271.190.24M
200	30	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.200.36M
216	30	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.216.36M
235	25	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.235.36L
235	30	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.235.36M
250	30	24	1,7	1,2	20°	1 FTG+2/15° ATB	271.250.24M
250	30	42	1,7	1,2	20°	1 FTG+2/15° ATB	271.250.42M
300	30	45	2,4	1,8	20°	1 FTG+2/15° ATB	271.300.45M

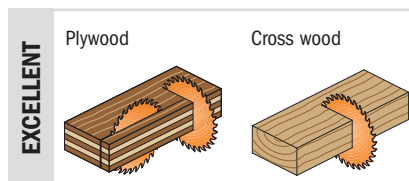
Ultra Thin-Kerf fine compound mitre blades


272

APPLICATION: for rip and cross cuts where the ultra thin-kerf reduce material wastes.

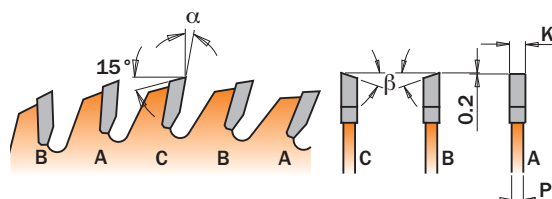
MACHINES: table and mitre saws, portable and cordless machines.

MATERIAL: soft and hard wood, plywood.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 5~8
- Grade ISO: K01
- Hardness (HV10): 1.840
- Transverse rupture strength (N/mm²): 2.050



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
136	10	36	1,3	0,8	20°	1 FTG+2/15° ATB	272.136.36D
136	20	36	1,3	0,8	20°	1FTG+2/15° ATB	272.136.36H
165	16	36	1,3	0,8	20°	1 FTG+2/20° ATB	272.165.36
165	20	36	1,3	0,8	20°	1 FTG+2/20° ATB	272.165.36H
184	30	42	1,3	0,8	20°	1 FTG+2/20° ATB	272.184.42M
190	30	42	1,3	0,8	20°	1 FTG+2/20° ATB	272.190.42M
250	30	60	1,7	1,2	20°	1 FTG+2/15° ATB	272.250.60M
300	30	72	2,4	1,8	20°	1 FTG+2/15° ATB	272.300.72M

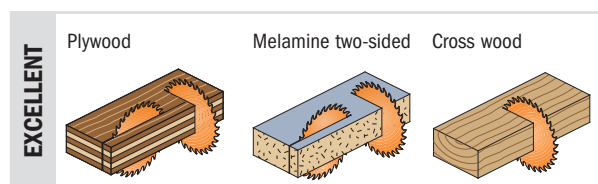
Ultra Thin-Kerf fine finish blades


273

APPLICATION: for cross cuts, perfect finishing, where the ultra thin-kerf reduce material wastes.

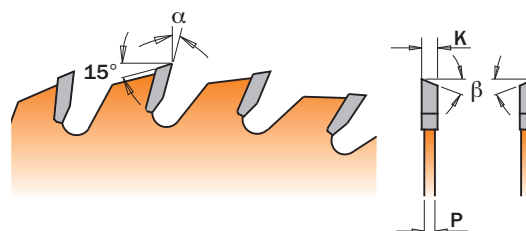
MACHINES: table and mitre saws, portable and cordless machines.

MATERIAL: soft, hard and exotic wood, wood-based panels, one-side veneered, paper-base laminate.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 7~8
- Chromium Grade ISO: KCR06
- Hardness (HV10): 1.950
- Transverse rupture strength (N/mm²): 2.300



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
250	30	80	1,7	1,2	15°	40° ATB	273.250.80M
300	30	96	2,4	1,8	15°	40° ATB	273.300.96M

Saw blade for building contractors for portable machines

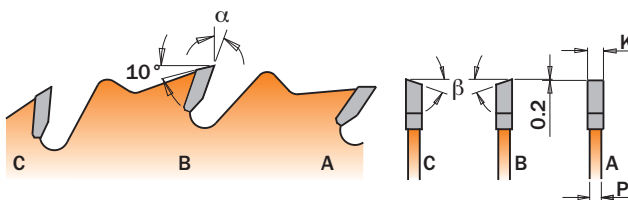
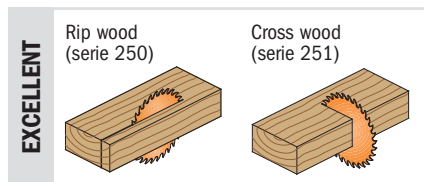


250-251

APPLICATION: for rip cuts especially designed for building contractors.

MACHINES: portable and cordless machines.

MATERIAL: soft and hard wood and panels with nails, metal clips and pieces of concrete.



*Kit 10 pcs.

D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
184	15,87	24	1,9	1,2	20°	1FTG+2/20° ATB	250.024.07
184	15,87	24	1,9	1,2	20°	1FTG+2/20° ATB	250.024.07-X10*
184	15,87	40	1,9	1,2	20°	1FTG+4/20° ATB	251.040.07
184	15,87	40	1,9	1,2	20°	1FTG+4/20° ATB	251.040.07-X10*

Ultra Thin-Kerf saw blades for cordless saws

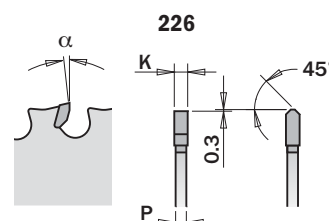
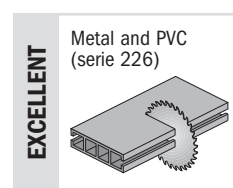
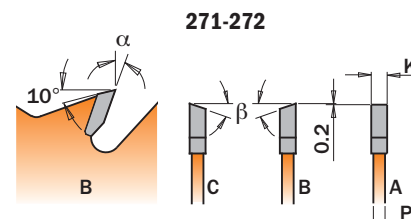
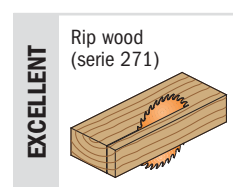


271-272-226

APPLICATION (SERIE 271-272): for rip and cross cuts where the ultra thin-kerf reduce material wastes.

MACHINES(SERIE 271-272): portable cordless machines

MATERIAL(SERIE 271-272): soft and hard wood, plywood



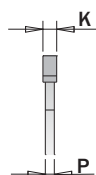
APPLICATION (SERIE 226):
for cross cuts of different kind of materials

MACHINES(SERIE 226):
portable cordless machines

MATERIAL(SERIE 226):
for ferrous material and construction steel

D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
Ripping and crosscutting cordless saw blades							
136	10	18	1,5	1,0	20°	1FTG+2/20° ATB	271.136.18D
136	20	18	1,5	1,0	20°	1 FTG+2/20° ATB	271.136.18H
165	16	18	1,3	0,8	20°	1FTG+2/20° ATB	271.165.18
165	20	24	1,3	0,8	20°	1FTG+2/20° ATB	271.165.24H
184	16	24	1,3	0,8	20°	1FTG+2/20° ATB	271.184.24E
Fine cut cordless saw blades							
136	10	36	1,3	0,8	20°	1FTG+2/15° ATB	272.136.36D
136	20	36	1,3	0,8	20°	1FTG+2/15° ATB	272.136.36H
165	16	36	1,3	0,8	20°	1FTG+2/20° ATB	272.165.36
165	20	36	1,3	0,8	20°	1FTG+2/20° ATB	272.165.36H
Metal, PVC and compound materials cordless saw blades							
136,5	10	30	1,5	1,2	0°	TCG	226.030.05
136,5	20	30	1,5	1,2	0°	TCG	226.030.05H
165	16	36	1,5	1,2	0°	TCG	226.036.06

DP saw blades for ultra-hard materials



236

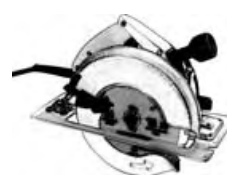
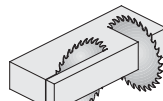
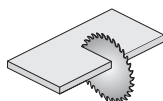
APPLICATION: for rip and cross cuts of abrasive materials.

MACHINES: mitre saws, portable and cordless machines.

MATERIAL: cement fibre boards (Hardieplank® and Hardiepanel®), plasterboard, solid wood, panel material, plastic.


GOOD

Hardieplank® e Hardiepanel®, Chipboard, MDF, Corian, Duroplast, Formica, Thermoplast, and Plasterboard.



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
160	20	4	2,2	1,6	12°	FLAT	236.160.04H
180	20	4	2,2	1,6	12°	FLAT	236.180.04H
184,5	15,87	4	2,2	1,6	12°	FLAT	236.004.07
190	30	4	2,2	1,6	12°	FLAT	236.190.04M
230	30	4	2,2	1,6	12°	FLAT	236.230.04M
254*	15,87	6	2,2	1,6	12°	FLAT	236.006.10
305*	25,4	8	2,2	1,6	12°	FLAT	236.008.12

* Non-low noise

Ripping saw blades for portable machines



290

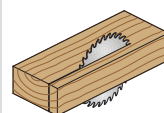
APPLICATION: for rip cuts.

MACHINES: mitre saws and portable machines.

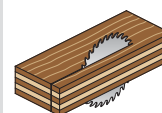
MATERIAL: soft and hard wood.


EXCELLENT

Rip wood

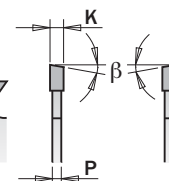
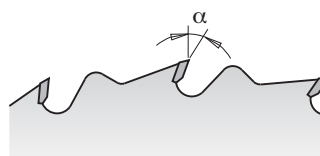

GOOD

Rip plywood



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 6-8
- Grade ISO: K10
- Hardness (HV10): 1.765
- Transverse rupture strength (N/mm²): 2.150



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
150	20		12	2,4	1,4	20°	10° ATB	290.150.12H
160	16		12	2,6	1,6	20°	10° ATB	290.160.12E
160	20	2/6/32	12	2,6	1,6	20°	10° ATB	290.160.12H
180	30	2/7/42	12	2,6	1,6	20°	10° ATB	290.180.12M
190	16	2/6/32	12	2,6	1,6	20°	10° ATB	290.190.12E
190	20	2/6/32	12	2,6	1,6	20°	10° ATB	290.190.12H
190	30	2/7/42	12	2,6	1,6	20°	10° ATB	290.190.12M
200	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.200.24M
210	25		24	2,8	1,8	20°	10° ATB	290.210.24L
210	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.210.24M
216	30		24	2,8	1,8	-5° Neg.	15° ATB	290.216.24M
220	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.220.24M
230	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.230.24M
235	25		24	2,8	1,8	20°	10° ATB	290.235.24L
235	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.235.24M
240	30	2/7/42	24	2,8	1,8	20°	10° ATB	290.240.24M
250	30	COMBI3	24	2,8	1,8	20°	10° ATB	290.250.24M
270	30	2/7/42	28	2,8	1,8	20°	10° ATB	290.270.28M



291

APPLICATION: for rip and cross cuts.

MACHINES: table and mitre saws, portable machines.

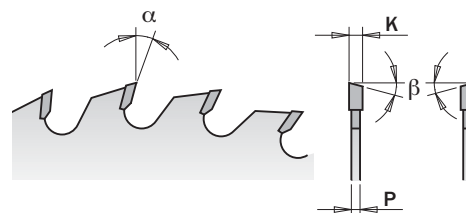
MATERIAL: soft and hard wood, plywood.



TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm:
- Grade ISO:
- Hardness (HV10):
- Transverse rupture strength (N/mm²):

6~8
K10
1.765
2.150



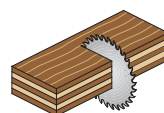
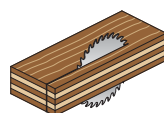
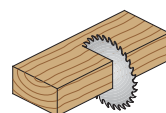
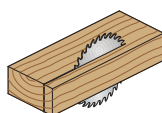
EXCELLENT

Rip wood

Cross wood

Rip plywood

Crosscut plywood



D mm	F mm	Pin Hole ⊕⊗	Z	K mm	P mm	α	β	ORDER NO.
125	20		20	2,4	1,4	15°	15° ATB	291.125.20H
130	20		20	2,4	1,4	15°	15° ATB	291.130.20H
140	20		20	2,4	1,4	15°	15° ATB	291.140.20H
150	16		24	2,4	1,4	15°	15° ATB	291.150.24E
150	20		24	2,4	1,4	15°	15° ATB	291.150.24H
160	16		24	2,6	1,6	15°	15° ATB	291.160.24E
160	20	2/6/32	24	2,6	1,6	15°	15° ATB	291.160.24H
160	30	2/7/42	24	2,6	1,6	15°	15° ATB	291.160.24M
165	20	2/6/32	24	2,6	1,6	15°	15° ATB	291.165.24H
165	30	2/7/42	24	2,6	1,6	15°	15° ATB	291.165.24M
170	30	2/7/42	24	2,6	1,6	20°	10° ATB	291.170.24M
180	20	2/6/32	24	2,6	1,6	20°	10° ATB	291.180.24H
180	30	2/7/42	24	2,6	1,6	20°	10° ATB	291.180.24M
184	16		24	2,6	1,6	20°	10° ATB	291.184.24E
184	30		24	2,6	1,6	20°	10° ATB	291.184.24M
190	16	2/6/32	24	2,6	1,6	20°	10° ATB	291.190.24E
190	20	2/6/32	24	2,6	1,6	20°	10° ATB	291.190.24H
190	30	2/7/42	24	2,6	1,6	20°	10° ATB	291.190.24M
190	20 (Festool® FF)	Key 5/7/2,5	32	2,6	1,6	10°	10° ATB	291.190.32FF
200	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.200.36M
210	25		36	2,8	1,8	15°	15° ATB	291.210.36L
210	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.210.36M
216	30		48	2,8	1,8	-5° Neg.	15° ATB	291.216.48M
220	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.220.36M
225	30	2/7/42	36	2,8	1,8	20°	15° ATB	291.225.36M
230	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.230.36M
235	25		36	2,8	1,8	15°	15° ATB	291.235.36L
235	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.235.36M
240	30	2/7/42	36	2,8	1,8	15°	15° ATB	291.240.36M
250	20	COMBI3	40	3,2	2,2	15°	10° ATB	285.040.10H
250	30	COMBI3	40	3,2	2,2	15°	10° ATB	285.040.10M
260	30	2/10/60 + 2/7/42	48	3,2	2,2	15°	10° ATB	285.048.11M
270	30	2/7/42	42	2,8	1,8	15°	15° ATB	291.270.42M

Fine cut off saw blades for portable machines



292

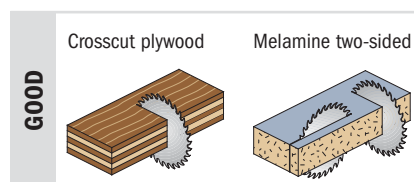
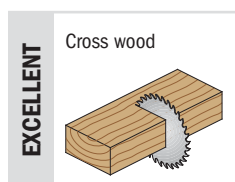
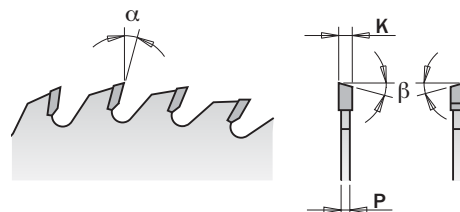
APPLICATION: for cross cuts, perfect finishing.

MACHINES: table and mitre saws, portable machines.

MATERIAL: soft, hard and exotic wood, wood-based panels, one-side veneered, paper-base laminate.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 6~8
- Grade ISO: K10
- Hardness (HV10): 1.765
- Transverse rupture strength (N/mm²): 2.150



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
150	20		40	2,4	1,4	15°	15° ATB	292.150.40H
160	16		40	2,6	1,6	10°	15° ATB	292.160.40E
160	20	2/6/32	40	2,6	1,6	10°	15° ATB	292.160.40H
160*	20	4/7/32 (45°)	40	2,4	1,6	10°	TCG	281.160.40H
160	30	2/7/42	40	2,6	1,6	10°	15° ATB	292.160.40M
160	20	2/7/42	56	2,6	1,6	15°	15° ATB	292.160.56H
165	20	2/6/32	40	2,6	1,6	10°	15° ATB	292.165.40H
165	30	2/7/42	40	2,6	1,6	15°	15° ATB	292.165.40M
170	30	2/7/42	40	2,6	1,6	15°	15° ATB	292.170.40M
180	20	2/6/32	40	2,6	1,6	15°	15° ATB	292.180.40H
180	30	2/7/42	40	2,6	1,6	15°	15° ATB	292.180.40M
184	16		40	2,6	1,6	15°	15° ATB	292.184.40E
184	30		40	2,6	1,6	15°	15° ATB	292.184.40M
190	16	2/6/32	40	2,6	1,6	15°	15° ATB	292.190.40E
190	20	2/6/32	40	2,6	1,6	15°	15° ATB	292.190.40H
190	30	2/7/42	40	2,6	1,6	15°	15° ATB	292.190.40M
190	30	2/7/42	64	2,6	1,6	15°	15° ATB	292.190.64M
190	20 (Festool® FF)	Key 5/7/2,5	48	2,4	1,6	10°	15° ATB	292.190.48FF
200	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.200.48M
210	25		48	2,8	1,8	15°	15° ATB	292.210.48L
210	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.210.48M
210	30	2/7/42	64	2,8	1,8	15°	15° ATB	292.210.64M
216	30		64	2,8	1,8	-5° Neg.	15° ATB	292.216.64M
220	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.220.48M
225	30	2/7/42	48	2,8	1,8	10°	15° ATB	292.225.48M
230	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.230.48M
230	30	2/7/42+2/10/60	64	2,8	1,87	15°	15° ATB	292.230.64M
235	25		48	2,8	1,8	15°	15° ATB	292.235.48L
235	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.235.48M
240	30	2/7/42	48	2,8	1,8	15°	15° ATB	292.240.48M
250	30	COMBI3	60	3,2	2,2	10°	15° ATB	285.060.10M
260	30	2/10/60 + 2/7/42	60	3,2	2,2	10°	15° ATB	285.060.11M

* Suitable for Virutex machine



298

APPLICATION: for cutting grass, bushes and small trees.

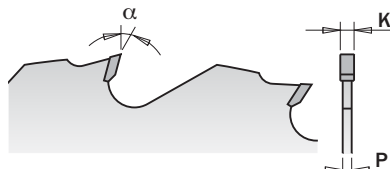
MACHINES: hedge trimmers.

MATERIAL: grass, bushes and small trees.

WARNING: please always wear safety glasses and ear protection please always use the safety guard provided with your machines.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 6
- Grade ISO: special
- Hardness (HV10): 1.550
- Transverse rupture strength (N/mm²): 2.600



EXCELLENT



D mm	F mm	Pin Hole 	Z	K mm	P mm	α	β	ORDER NO.
250	20	12.000	20	2,2	1,8	25°	FLAT	298.250.20H
250	25,4	12.000	20	2,2	1,8	25°	FLAT	298.250.20

Grooving saw blades

industrial line



240

APPLICATION: for grooving cuts or as set of tools for rebating, chamfering, grooving and profiling.

MACHINES: double-end tenoner and moulding machines.

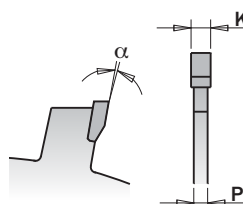
MATERIAL: soft and hard wood, wood-based panels, plastic.

TECHNICAL DETAILS OF CARBIDE TEETH:

- Teeth height mm: 10
- Grade ISO: K01
- Hardness (HV10): 1.840
- Transverse rupture strength (N/mm²): 2.050



The new design allows multirip grooves using different kerf thickness



EXCELLENT



D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
150	30	12	2	1,4	15°	FLAT	240.020.06M
150	35	12	2	1,4	15°	FLAT	240.020.06R
150	30	12	3	2,0	15°	FLAT	240.030.06M
150	35	12	3	2,0	15°	FLAT	240.030.06R
150	30	12	4	3,0	15°	FLAT	240.040.06M
150	35	12	4	3,0	15°	FLAT	240.040.06R
150	30	12	5	3,0	15°	FLAT	240.050.06M
150	35	12	5	3,0	15°	FLAT	240.050.06R
150	30	12	6	3,0	15°	FLAT	240.060.06M
150	35	12	6	3,0	15°	FLAT	240.060.06R
180	30	18	3	2,0	15°	FLAT	240.030.07M
180	35	18	3	2,0	15°	FLAT	240.030.07R
180	30	18	4	3,0	15°	FLAT	240.040.07M
180	35	18	4	3,0	15°	FLAT	240.040.07R
180	30	18	5	3,0	15°	FLAT	240.050.07M
180	35	18	5	3,0	15°	FLAT	240.050.07R
180	30	18	6	3,0	15°	FLAT	240.060.07M
180	35	18	6	3,0	15°	FLAT	240.060.07R

Precision dado

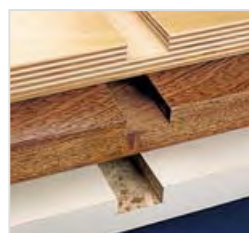
230



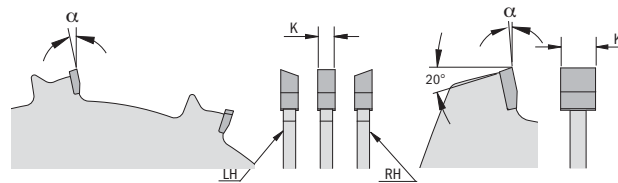
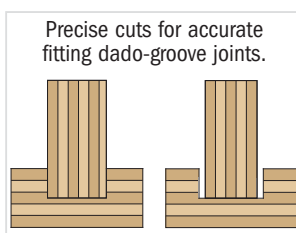
CMT thoroughly researched the shortcomings of "standard" dado sets and learned what cabinet makers required most from an "ideal" dado.

The result was the superior CMT precision dado, designed with the following features:

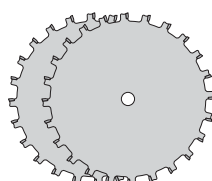
- Anti-kickback design to reduce the possibility of overfeeding that can occur when cutting mass material.
- Splinter resistant cuts in veneer plywood, melamine and hard and soft woods;
- Shim sets included for cuts between 6,35mm (1/4") and 23mm (29/32").



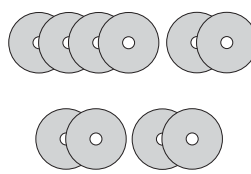
Splinter resistant cuts in all woods, plywoods and wood composites.



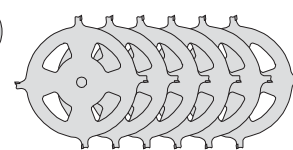
Set includes:



2 BLADES



STEEL SHIM SET



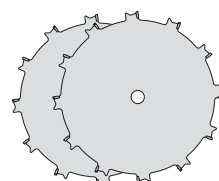
6 CARBIDE TIPPED FOUR TOOTH CHIPPERS

No.	Shim Width
4	0.004
2	0.008
2	0.012
2	0.020

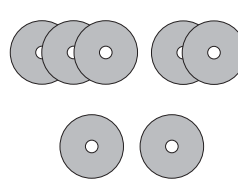
D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
150	15,87	4	20	3,2	-5°	FTG+ATB	230.520.06
200	15,87	4	24	3,2	-5°	FTG+ATB	230.524.08
200	30	4	24	3,2	-5°	FTG+ATB	230.524.08M



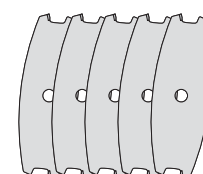
Set includes:



2 BLADES



STEEL SHIM SET



5 CARBIDE TIPPED TWO TOOTH CHIPPERS

No.	Shim Width
3	0.1mm
2	0.2mm
1	0.3mm
1	0.5mm

D mm	F mm	Z	K mm	P mm	α	β	ORDER NO.
200	15,87	2	12	3,2	-12°	FTG+ATB	230.012.08

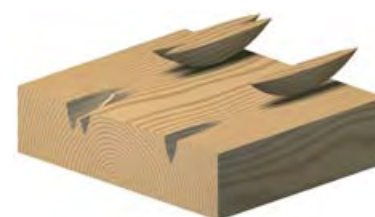
Mini-spot circular blade for lamello



240.004.04

The new CMT Mini-Spot saw blade are ideal to do any type of small repairing on solid wood. Resin, knots and other wood flaws are not a problem any more: with this product and using original patches the cut points will be covered up perfectly. After repairing the patches will be practically invisible because the wood and patches grains will be in the same direction.

To use with Lamello or other machines.



D mm	F mm	Z	K mm	P mm	α	ORDER NO.
100	22	4	8	6	18°	240.004.04

Biscuits joiner blades



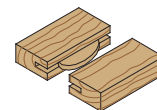
240-241

The 100mm CMT Biscuit Joiner blades with trademark orange PTFE Industrial coating make biscuit joining quick and easy. High-grade German steel and 8 micro-grain carbide tipped teeth guarantee years of use. Fits Lamello, DeWalt, Porter-Cable, Skil, Bosch, Freud and other popular biscuit joiners models.



EXCELLENT

Biscuit joint



D mm	F mm		Z	K mm	P mm	α	β	ORDER NO.
100	22		6	3,96	3	15°	15° ATB	240.006.04
100	22		8	3,96	3	15°	15° ATB	240.008.04
100*	22		8	3,96	3/3,1	15°	15° ATB	241.008.04

* For Virutex, Porter-Cable machines

Balance blades & sanding disks



299.11



Before starting a saw project, balance your CMT blade in your table saw with the CMT Balance Blade & Sanding Disk in your table saw and line it up with a square for accuracy. Remove the balance blade and mount your saw blade for true and precise cuts. Or use the balance blade & sanding disk a sander by attaching a self-stick sandpaper disk to the balance blade and installing it in your table saw.

D mm	F mm	ORDER NO.
200	15,87	299.111.00
200	30	299.111.00M
250	15,87	299.112.00
250	30	299.112.00M

Saw blades stabilizer



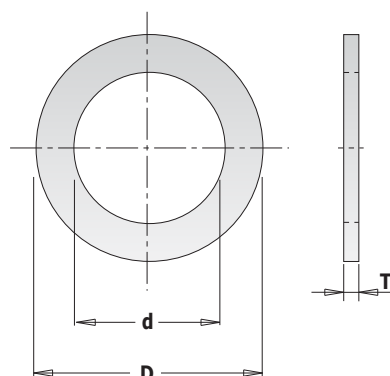
299.10

The CMT blade stabilizer virtually eliminates rim vibration to make cleaner, straighter cuts and extend the life of your CMT saw blade. It also helps to eliminate distracting noise caused by vibration during cutting.

NOTE: for use on stationary saws only. Each order includes 2 stabilizer.

Description	D mm	F mm	ORDER NO.
Stabilizer (2 pcs.) for Ø200mm	75	15,87	299.101.00
Stabilizer (2 pcs.) for Ø200mm	75	30	299.101.00M
Stabilizer (2 pcs.) for Ø250mm	125	15,87	299.102.00
Stabilizer (2 pcs.) for Ø250mm	125	30	299.102.00M

Reduction rings for saw blades



299

D mm	d mm	T mm	ORDER NO.	D mm	d mm	T mm	ORDER NO.
15,87	10	1,2	299.218.00	30	16	2,0	299.226.00
15,87	12,7	1,2	299.217.00	30	18	1,4	299.232.00
20	12,7	1,2	299.221.00	30	20	1,4	299.224.00
20	16	1,2	299.222.00	30	22	1,4	299.231.00
20	18	1,4	299.236.00	30	20	2,0	299.227.00
25,4	15,87	1,4	299.216.00	30	25	1,4	299.225.00
25,4	19,05	1,4	299.213.00	30	25	2,0	299.228.00
25,4	20	1,4	299.214.00	30	25,4	2,0	299.212.00
25,4	22	1,4	299.215.00	32	30	2,0	299.229.00
30	15,87	1,4	299.211.00	35	30	2,0	299.230.00
30	16	1,4	299.223.00	35	32	2,0	299.233.00

Saw blades for portable machines

MACHINE	D mm	F mm	RIPPING ORDER NO.	UNIVERSAL ORDER NO.	FINE CUT OFF ORDER NO.
AEG					
HK125A, HK125B	125	20		291.125.20H	
TKS42	130	20		291.130.20H	
HK40	140	20		291.140.20H	
HK45A, HK46S, HK52, HK737, HK46N, HKS52, AHK52, HKS46	150	20	290.150.12H	291.150.24H	292.150.40H
K55, K55E, K160, HK55	160	20	290.160.12H	291.160.24H	292.160.40H
HK190, HK65, HK66, HKS65, HKS66, HKSE66, K66,	190	30	290.190.12M	291.190.24M	292.190.40M
HK201	200	30	290.200.24M	291.200.36M	292.200.48M
HK75, HKS75	210	30	290.210.24M	291.210.36M	292.210.48M
HKS85, HKS35	230	30	290.230.24M	291.230.36M	292.230.48M
HK240	240	30	290.240.24M	291.240.36M	292.240.48M
ATLAS COPCO					
TKS42	130	20		291.130.20H	
K55S, K55SE	160	20	290.160.12H	291.160.24H	292.160.40H
K66S, K66SE	190	30	290.190.12M	291.190.24M	292.190.40M
HKS75	210	30	290.210.24M	291.210.36M	292.210.48M
HKS85	230	30	290.230.24M	291.230.36M	292.230.48M
BLACK & DECKER					
BD855, KS855, U336, U975, U976	160	16	290.160.12E	291.160.24E	292.160.40E
SEC718, BD865E, KS865, P37-03, P37-05, DN229, DN59, DN820, HD1000, HD2062, SR300, SR362E, HD100, BD229	184	16	290.180.12E	291.184.24E	292.184.40E
DN800, SEC818, DN810, SR700, BD800	210	30	290.210.24M	291.210.36M	292.210.48M
P39-02, SEC918	235	30	290.235.24M	291.235.36M	292.235.48M
BOSCH					
1551, 1559	140	20		291.140.20H	
GKS12V, PKS46, S1, S33, GKS46	150	16		291.150.24E	
GKS54, PKS54	160	16	290.160.12E	291.160.24E	292.160.40E
GKS55, 1552, 1556, 1563	170	30		291.170.24M	292.170.40M
1550, 1557, 1560	180	30	290.180.12M	291.180.24M	292.180.40M
P30, P300, PKS65	190	16	290.190.12E	291.190.24E	292.190.40E
PKS66, GKS65, GKS66, GKS68,					
0051, 1564, 1553	190	30	290.190.12M	291.190.24M	292.190.40M
1561	200	30	290.200.24M	291.200.36M	292.200.48M
1554, 1558, 1565, GKS75S	210	30	290.210.24M	291.210.36M	292.210.48M
0052, 1562, 1566					
GKS85S	230	30	290.230.24M	291.230.36M	292.230.48M
1555	240	30	290.240.24M	291.240.36M	292.240.48M
CASALS					
BSC150, VSC50	150	20	290.150.12H	291.150.24H	292.150.40H
SC210, VSC70	210	30	290.210.24M	291.210.36M	292.210.48M
SC230	230	30	290.230.24M	291.230.36M	292.230.48M

MACHINE	D mm	F mm	RIPPING ORDER NO.	UNIVERSAL ORDER NO.	FINE CUT OFF ORDER NO.
DeWALT					
DW351	150	20	290.150.12H	291.150.24H	292.150.40H
DW62	184	30	290.180.12M	291.184.24M	292.184.40M
DW65, DW365	190	30	290.190.12M	291.190.24M	292.190.40M
DW700, DW701, DW707	216	30	290.216.24M	291.216.48M	292.216.64M
DW383	235	30	290.235.24M	291.235.36M	292.235.48M
DW86	240	30	290.240.24M	291.240.36M	292.240.48M
DW250, DW252, DW320, 1251, 1501, 1503, DW710, DW125, DW150, DW720, DW742	250	30	290.250.24M	285.040.10M	285.060.10M
ELEKTRA-BECKUM					
KS250, KGS250, GKS300	250	30	290.250.24M	285.040.10M	285.060.10M
ELU					
MH151	150	20	290.150.12H	291.150.24H	292.150.40H
MH155, MH55	170	30		291.170.24M	292.170.40M
MH65	180	30	290.180.12M	291.180.24M	292.180.40M
MH165, 265	190	30	290.190.12M	291.190.24M	292.190.40M
MH182, MH30, MH82	210	30	290.210.24M	291.210.36M	292.210.48M
PS174, PS274	216	30	290.216.24M	291.216.48M	292.216.64M
MH85	240	30	290.240.24M	291.240.36M	292.240.48M
TKS171, 170, 171 172, 173	250	30	290.250.24M	285.040.10M	285.060.10M
FEIN					
SSK646	150	20	290.150.12H	291.150.24H	292.150.40H
SSK660	160	20	290.160.12H	291.160.24H	292.160.40H
SSK661	210	30	290.210.24M	291.210.36M	292.210.48M
FELISATTI					
TP751	150	20	290.150.12H	291.150.24H	292.150.40H
TP765, TP766	190	30	290.190.12M	291.190.24M	292.190.40M
FESTO					
AUF35, S4	125	20		291.125.20H	
ATF55, AP55	160	20	290.160.12H	291.160.24H	292.160.40H
AU50, AUP50, AAU	160	30		291.160.24M	292.160.40M
AT5E, AUT42S, AU42S, AXT50LA, AXT55	170	30		291.170.24M	292.170.40M
AU55S, AU60P, AU60S, AUT60S	180	30	290.180.12M	291.180.24M	292.180.40M
AD65, AU65S, AXP65, AP68E, AUT65S	200	30	290.200.24M	291.200.36M	292.200.48M
PRECISIO CS 50	190	20		291.190.32FF	292.190.48FF
AU77S	220	30	290.220.24M	291.220.36M	292.220.48M
AXP85, AP88E, AP85E	240	30	290.240.24M	291.240.36M	292.240.48M
AD85-1, AE85	250	30	290.250.24M	285.040.10M	285.060.10M
FLOTTJET					
1011, 2011, 3011	250	30	290.250.24M	285.040.10M	285.060.10M
FREUD					
FCS184	184	30	290.180.12M	291.184.24M	292.184.40M
FTR250T	250	30	290.250.24M	285.040.10M	285.060.10M
HAFFNER					
KSU105	125	20		291.125.20H	
KSU50	160	20	290.160.12H	291.160.24H	292.160.40H
KSU110	170	30		291.170.24M	292.170.40M
KSU60	180	20		291.180.24H	292.180.40H

Saw blades for portable machines

MACHINE	D mm	F mm	RIPPING ORDER NO.	UNIVERSAL ORDER NO.	FINE CUT OFF ORDER NO.
HAFFNER					
KSU113	180	30	290.180.12M	291.180.24M	292.180.40M
AKS	200	30	290.200.24M	291.200.36M	292.200.48M
KS75	210	30	290.210.24M	291.210.36M	292.210.48M
KL177, KL178, KSU118	220	30	290.220.24M	291.220.36M	292.220.48M
KL176, KS85, KSU85, SP187	235	30	290.235.24M	291.235.36M	292.235.48M
SP196, SP197, AKS, SP189, TGS161, TGS162 TGS163, GS165, GS166, GS1, 2W, 2D, SP195, TGS198, GS150	250	30	290.250.24M	285.040.10M	285.060.10M
HITACHI					
C5Y	125	20		291.125.20H	
C5, FC5, FC5SA	150	20	290.150.12H	291.150.24H	292.150.40H
C6DA, FC6DA	160	20	290.160.12H	291.160.24H	292.160.40H
C6SA, PSU6	170	30		291.170.24M	292.170.40M
FC7SA, PSM-7, PSU-7	190	30	290.190.12M	291.190.24M	292.190.40M
C8U, C8FA, PSM-8, PSU-8	210	30	290.210.24M	291.210.36M	292.210.48M
C8FC	216	30	290.216.24M	291.216.48M	292.216.64M
C9U, PSM9, PSU9	235	30	290.235.24M	291.235.36M	292.235.48M
HOLZ-HER					
Derby, Mosquito, 2110, 2111, 2171	130	20		291.130.20H	
2260, 2270	140	20		291.140.20H	
2103, 2104, 2105, 2106, 2107, 2108, HKU50/264	160	20	290.160.12H	291.160.24H	292.160.40H
1563, 2115, 2266, 2271, 2281	170	30		291.170.24M	292.170.40M
HKU55, 2112, 2272, 2291	180	30	290.180.12M	291.180.24M	292.180.40M
2114, 2116, 2117, 2119, 2126, 2269, 2282	190	30	290.190.12M	291.190.24M	292.190.40M
HK201, 2113, 2292, 2555	200	30	290.200.24M	291.200.36M	292.200.48M
PKS267, 2267, 2284	210	30	290.210.24M	291.210.36M	292.210.48M
HKU75, 2274, 2279	220	30	290.220.24M	291.220.36M	292.220.48M
2118, 2120, 2171, 2293, 2294	230	30	290.230.24M	291.230.36M	292.230.48M
HKD65, 2268	240	30	290.240.24M	291.240.36M	292.240.48M
KITY					
0618	200	30	290.200.24M	291.200.36M	292.200.48M
KRESS					
CHKS 6055 /6050	160	20	290.160.12H	291.160.24H	292.160.40H
CHKS 6060 /1600	190	20	290.190.12H	291.190.24H	292.190.40H
MAFELL					
SF32, X40, XE40	125	20		291.125.20H	
MKS55, MS55, PS52, B55, FU50, X55, XE55, A55	160	20	290.160.12H	291.160.24H	292.160.40H
KS320	160	30		291.160.24M	292.160.40M
MKS65, MS65	190	30	290.190.12M	291.190.24M	292.190.40M

MACHINE	D mm	F mm	RIPPING ORDER NO.	UNIVERSAL ORDER NO.	FINE CUT OFF ORDER NO.
B65, X72	200	30	290.200.24M	291.200.36M	292.200.48M
HKS75, MS75	210	30	290.210.24M	291.210.36M	292.210.48M
B82	240	30	290.240.24M	291.240.36M	292.240.48M
MKS85, MS85, Erika 85	250	30	290.250.24M	285.040.10M	285.060.10M
MAKITA					
5600B	150	20	290.150.12H	291.150.24H	292.150.40H
5600NB, 5600RDW	160	20	290.160.12H	291.160.24H	292.160.40H
5800B, 5801B	180	20		291.180.24H	292.180.40H
5800BR	190	20	290.190.12H	291.190.24H	292.190.40H
5703R	190	30	290.190.12M	291.190.24M	292.190.40M
SR2100, LS0810	210	25	290.210.24L	291.210.36L	292.210.48L
SR2300, 5900B-R	235	25	290.235.24L	291.235.36L	292.235.48L
5903R	235	30	290.235.24M	291.235.36M	292.235.48M
METABO					
BTkO, KS0846S, KS0852S, 4341S, 61+2, KS52S, KS0946S	150	20	290.150.12H	291.150.24H	292.150.40H
BTk1, KS1155S	160	20	290.160.12H	291.160.24H	292.160.40H
6317S	180	20		291.180.24H	292.180.40H
KS4345S, 5348, KS4346S, KS65S, KS1468, KSE1668					
KS1266S	190	20	290.190.12H	291.190.24H	292.190.40H
KSE1678 KGS1670	210	30	290.210.24M	291.210.36M	292.210.48M
6322-S	220	30	290.220.24M	291.220.36M	292.220.48M
KS6323, KS1785S	240	30	290.240.24M	291.240.36M	292.240.48M
TK168S, TK168S, TK1688, TKU1633, TKU1693	250	30	290.250.24M	285.040.10M	285.060.10M
PERLES					
KS 50	150	20	290.150.12H	291.150.24H	292.150.40H
KS 70	210	30	290.210.24M	291.210.36M	292.210.48M
RYOBI					
MS 50	150	16		291.150.24E	
MS45, MS45E	150	20	290.150.12H	291.150.24H	292.150.40H
FM, W5502C	160	16	290.160.12E	291.160.24E	292.160.40E
MS 55	160	20	290.160.12H	291.160.24H	292.160.40H
MS 65	190	30	290.190.12M	291.190.24M	292.190.40M
MS 70	200	30	290.200.24M	291.200.36M	292.200.48M
MS 85, MS 80	220	30	290.220.24M	291.220.36M	292.220.48M
MS 85	230	30	290.230.24M	291.230.36M	292.230.48M
FM10A, 3100, 4200	240	30	290.240.24M	291.240.36M	292.240.48M
SKIL					
5246S	150	16		291.150.24E	
1850, 1850 H	150	20	290.150.12H	291.150.24H	292.150.40H
416, 534, 536, 552	160	16	290.160.12E	291.160.24E	292.160.40E
77, 537, 553, BIH, 559, 574, 857, 1865	184	16		291.184.24E	292.184.40E
1865, 5266, 5366, 5466	190	16	290.190.12E	291.190.24E	292.190.40E
1965, 5566, 5666	190	30	290.190.12M	291.190.24M	292.190.40M
1524H, 1873H	210	30	290.210.24L	291.210.36L	292.210.48L
1525, 1886, 1985, 1986	235	30	290.235.24M	291.235.36M	292.235.48M
STAYER					
Profiline, CP 46	140	20		291.140.20H	
CP 50	150	20	290.150.12H	291.150.24H	292.150.40H
SLL250, SCE250, CP66	250	30	290.250.24M	285.040.10M	285.060.10M

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Saw blades	100	20	Panel sizing	10+10	2,8-3,6			FLAT	289.100.20H	20
	100	22	Panel sizing	10+10	2,8-3,6			FLAT	289.100.20K	20
	100	20	Panel sizing	20	3,1-4			CONICAL	288.100.20H	20
Tools with bore & Knives	100	22	Panel sizing	20	3,1-4			CONICAL	288.100.20K	20
	100	22	Grooving	4	8	6	18°		240.004.04	34
	100	22	Grooving	6	3,96	2,8	15°	15° ATB	240.006.04	35
	100	22	Grooving	8	3,96	2,8	15°	15° ATB	240.008.04	35
	100	22	Grooving	8	3,96	3,1	15°	15° ATB	241.008.04	35
	120	20	Panel sizing	12+12	2,8-3,6			FLAT	289.120.24H	20
	120	22	Panel sizing	12+12	2,8-3,6			FLAT	289.120.24K	20
	120	20	Panel sizing	24	3,1-4			CONICAL	288.120.24H	20
	120	22	Panel sizing	24	3,1-4			CONICAL	288.120.24K	20
	125	20	Panel sizing	12+12	2,8-3,6			FLAT	289.125.24H	20
Router Bits & Sets	125	22	Panel sizing	12+12	2,8-3,6			FLAT	289.125.24K	20
	125	20	Portables machines	20	2,4	1,4	15°	15° ATB	291.125.20H	31
	125	20	Panel sizing	24	3,1-4			CONICAL	288.125.24H	20
	125	20	Panel sizing	24	4,3-5,5			CONICAL	288.125.24H2	20
	125	22	Panel sizing	24	3,1-4			CONICAL	288.125.24K	20
	125	45	Panel sizing	24	4,3-5,5			CONICAL	288.125.24Q	20
	130	16	Portables machines	12	1,3	0,8	25°	1 FTG+2/20° ATB	271.130.12E	27
	130	20	Portables machines	20	2,4	1,4	15°	15° ATB	291.130.20H	31
	136	10	Portables machines	18	1,5	1	20°	1 FTG+2/20° ATB	271.136.18D	27
	136	10	Metal	30	1,5	1,2	0°	TCG	226.030.05	25
CNC Router Cutter & Chucks	136	10	Portables machines	36	1,3	0,8	20°	1FTG+2/15° ATB	272.136.36D	28
	136	20	Portables machines	18	1,5	1,0	20°	1 FTG+2/20° ATB	271.136.18H	27
	136	20	Portables machines	36	1,3	0,8	20°	1FTG+2/15° ATB	272.136.36H	28
	136,5	20	Metal	30	1,5	1,2	0°	TCG	226.030.05H	25
	140	20	Portables machines	20	2,4	1,4	15°	15° ATB	291.140.20H	31
	140	16	Panel sizing	24	3,1-4			CONICAL	Y288.140.24E	20
	150	20	Portables machines	12	2,4	1,4	20°	10° ATB	290.150.12H	30
	150	30	Grooving	12	2	1,4	15°	FLAT	240.020.06M	33
	150	30	Grooving	12	3	2	15°	FLAT	240.030.06M	33
	150	30	Grooving	12	4	3	15°	FLAT	240.040.06M	33
Industrial Dowel Drills	150	30	Grooving	12	5	3	15°	FLAT	240.050.06M	33
	150	30	Grooving	12	6	3	15°	FLAT	240.060.06M	33
	150	35	Grooving	12	2	1,4	15°	FLAT	240.020.06R	33
	150	35	Grooving	12	3	2	15°	FLAT	240.030.06R	33
	150	35	Grooving	12	4	3	15°	FLAT	240.040.06R	33
	150	35	Grooving	12	5	3	15°	FLAT	240.050.06R	33
	150	35	Grooving	12	6	3	15°	FLAT	240.060.06R	33
	150	20	Portables machines	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.150.18H	27
	150	15,87	Grooving	20	3,2		-5°	FTG+ATB	230.520.06	34
	150	16	Portables machines	24	2,4	1,4	15°	15° ATB	291.150.24E	31
Bits for Hand Power Tools	150	20	Portables machines	24	2,4	1,4	15°	15° ATB	291.150.24H	31
	150	45	Panel sizing	36	4,3-5,5			CONICAL	288.150.36Q	20
	150	20	Portables machines	40	2,4	1,4	15°	15° ATB	292.150.40H	32
	150	30	Wood	48	3,2	2,2	5°	15° ATB	285.048.06M	15
	160	16	Portables machines	12	2,6	1,6	20°	10° ATB	290.160.12E	30
	160	20	Portables machines	12	2,6	1,6	20°	10° ATB	290.160.12H	30
	160	16	Portables machines	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.160.18E	27
	160	20	Portables machines	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.160.18H	27
	160	16	Portables machines	24	2,6	1,6	15°	15° ATB	291.160.24E	31
	160	20	Portables machines	24	2,6	1,6	15°	15° ATB	291.160.24H	31
Spare Parts	160	30	Portables machines	24	2,6	1,6	15°	15° ATB	291.160.24M	31
	160	20	Metal	30	2	1,6	0°	TCG	226.030.06H	25
	160	45	Panel sizing	36	4,3-5,5			CONICAL	288.160.36Q	20
	160	55	Panel sizing	36	4,3-5,5			CONICAL	288.160.360	20
	160	55	Panel sizing	36	4,7-6,0			CONICAL	Y288.160.3602	20
	160	20	Abrasive materials	4	2,2	1,6	12°	FLAT	236.160.04H	30
	160	16	Portables machines	40	2,6	1,6	10°	15° ATB	292.160.40E	32
	160	20	Portables machines	40	2,4	1,6	10°	TCG	281.160.40H	18
	160	20	Aluminium	40	2,8	2,2	-6° Neg.	TCG	296.160.40H	24
	160	20	Portables machines	40	2,6	1,6	10°	15° ATB	292.160.40H	32
Power Tools & Accessories	160	20	Portables machines	40	2,4	1,6	10°	TCG	281.160.40H	16
	160	30	Portables machines	40	2,6	1,6	10°	15° ATB	292.160.40M	32
	160	20	Aluminium	56	2,8	2,2	-6° Neg.	TCG	296.160.56H	24
	160	20	Portables machines	56	2,6	1,6	15°	15° ATB	292.160.56H	32
	165	16	Portables machines	18	1,3	0,8	20°	1 FTG+2/20° ATB	271.165.18	27
	165	20	Portables machines	24	2,6	1,6	15°	15° ATB	291.165.24H	31
	165	20	Portables machines	24	1,3	0,8	20°	1FTG+2/20° ATB	271.165.24H	27
	165	30	Portables machines	24	2,6	1,6	15°	15° ATB	291.165.24M	31
	165	15,87	Metal	36	1,5	1,2	0°	TCG	226.036.06	25
	165	20	Metal	36	1,5	1,2	0°	TCG	226.036.06H	25
Display Cabinets	165	16	Portables machines	36	1,3	0,8	20°	1 FTG+2/20° ATB	272.165.36	28
	165	16	Metal	36	1,5	1,2	0°	TCG	226.036.06	25
	165	20	Metal	36	1,5	1,2	0°	TCG	226.036.06H	25
	165	20	Metal	36	1,5	1,2	0°	TCG	226.036.06H	25

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165	20	Portables machines	36	1,3	0,8	20°	1FTG+2/20° ATB	272.165.36H	28
165	20	Portables machines	40	2,6	1,6	10°	15° ATB	292.165.40H	32
165	30	Portables machines	40	2,6	1,6	15°	15° ATB	292.165.40M	32
170	30	Portables machines	24	2,6	1,6	20°	10° ATB	291.170.24M	31
170	30	Portables machines	40	2,6	1,6	15°	15° ATB	292.170.40M	32
180	20	Panel sizing	10+10	2,8-3,6			FLAT	289.080.20H	20
180	30	Portables machines	12	2,6	1,6	20°	10° ATB	290.180.12M	30
180	30	Grooving	18	3	2	15°	FLAT	240.030.07M	33
180	30	Grooving	18	4	3	15°	FLAT	240.040.07M	33
180	30	Grooving	18	5	3	15°	FLAT	240.050.07M	33
180	30	Grooving	18	6	3	15°	FLAT	240.060.07M	33
180	35	Grooving	18	3	2	15°	FLAT	240.030.07R	33
180	35	Grooving	18	4	3	15°	FLAT	240.040.07R	33
180	35	Grooving	18	5	3	15°	FLAT	240.050.07R	33
180	35	Grooving	18	6	3	15°	FLAT	240.060.07R	33
180	40	Multirip	21+3	2,5	1,8	20°	FLAT	280.021.07S	10
180	20	Portables machines	24	2,6	1,6	20°	10° ATB	291.180.24H	31
180	30	Portables machines	24	2,6	1,6	20°	10° ATB	291.180.24M	31
180	20	Panel sizing	36	4,3-5,5			CONICAL	Y288.180.36H	20
180	20	Panel sizing	36	4,3-5,5			CONICAL	288.180.36H	20
180	30	Panel sizing	36	4,3-5,5			CONICAL	288.180.36M	20
180	45	Panel sizing	36	4,7-6,0			CONICAL	288.180.36Q	20
180	55	Panel sizing	36	5,0-6,2			CONICAL	288.180.36O	20
180	20	Abrasive materials	4	2,2	1,6	12°	FLAT	236.180.04H	30
180	20	Aluminium	40	2,8	2,2	-6° Neg.	TCG	296.180.40H	24
180	20	Portables machines	40	2,6	1,6	15°	15° ATB	292.180.40H	32
180	30	Portables machines	40	2,6	1,6	15°	15° ATB	292.180.40M	32
180	50	Panel sizing	44	4,3-5,5			CONICAL	288.180.44T	20
180	30	Wood	56	3,2	2,2	5°	15° ATB	285.056.07M	15
184	15,87	Portables machines	24	1,9	1,2	20°	1FTG+2/20° ATB	250.024.07	29
184	15,87	Portables machines	24	1,9	1,2	20°	1FTG+2/20° ATB	250.024.07-X10	29
184	16	Portables machines	24	2,6	1,6	20°	10° ATB	291.184.24E	31
184	16	Portables machines	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24E	27
184	20	Portables machines	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24H	27
184	30	Portables machines	24	2,6	1,6	20°	10° ATB	291.184.24M	31
184	30	Portables machines	24	1,3	0,8	20°	1 FTG+2/20° ATB	271.184.24M	27
184	15,87	Abrasive materials	4	2,2	1,6	12°	FLAT	236.004.07	30
184	15,87	Portables machines	40	1,9	1,2	20°	1FTG+4/20° ATB	251.040.07	29
184	15,87	Portables machines	40	1,9	1,2	20°	1FTG+4/20° ATB	251.040.07-X10	29
184	16	Portables machines	40	2,6	1,6	15°	15° ATB	292.184.40E	32
184	30	Portables machines	40	2,6	1,6	15°	15° ATB	292.184.40M	32
184	30	Portables machines	42	1,3	0,8	20°	1 FTG+2/20° ATB	272.184.42M	28
184	15,87	Metal	48	2	1,6	0°	TCG	226.048.07	25
190	16	Portables machines	12	2,6	1,6	20°	10° ATB	290.190.12E	30
190	20	Portables machines	12	2,6	1,6	20°	10° ATB	290.190.12H	30
190	30	Portables machines	12	2,6	1,6	20°	10° ATB	290.190.12M	30
190	16	Portables machines	24	2,6	1,6	20°	10° ATB	291.190.24E	31
190	20	Portables machines	24	2,6	1,6	20°	10° ATB	291.190.24H	31
190	30	Portables machines	24	2,6	1,6	20°	10° ATB	291.190.24M	31
190	30	Portables machines	24	1,5	1	20°	1 FTG+2/20° ATB	271.190.24M	27
190	30	Portables machines	42	1,3	0,8	20°	1 FTG+2/20° ATB	272.190.42M	28
190	Festool® FF	Portables machines	32	2,6	1,6	10°	10° ATB	291.190.32FF	31
190	30	Abrasive materials	4	2,2	1,6	12°	FLAT	236.190.04M	30
190	16	Portables machines	40	2,6	1,6	15°	15° ATB	292.190.40E	32
190	20	Portables machines	40	2,6	1,6	15°	15° ATB	292.190.40H	32
190	30	Aluminium	40	2,8	2,2	-6° Neg.	TCG	296.190.40M	24
190	30	Portables machines	40	2,6	1,6	15°	15° ATB	292.190.40M	32
190	30	Metal	40	2	1,6	0°	TCG	226.040.07M	25
190	Festool® FF	Portables machines	48	2,4	1,6	10°	15° ATB	292.190.48FF	32
190	30	Aluminium	64	2,8	2,2	-6° Neg.	TCG	296.190.64M	24
190	30	Portables machines	64	2,6	1,6	15°	15° ATB	292.190.64M	32
190	Festool® FF	Aluminium	64	2,8	2,2	-6° Neg.	TCG	296.190.64FF	24
200	15,87	Grooving	12	3,2		-12°	FTG+ATB	230.012.08	34
200	40	Multirip	21+3	2,5	1,8	20°	FLAT	280.021.08S	10
200	15,87	Grooving	24	3,2		-5°	FTG+ATB	230.524.08	34
200	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.200.24M	30
200	30	Grooving	24	3,2		-5°	FTG+ATB	230.524.08M	34
200	20	Panel sizing	36	4,3-5,5			CONICAL	288.200.36H	20
200	30	Wood	36	3,2	2,2	15°	10° ATB	285.036.08M	13
200	30	Portables machines	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.200.36M	27
200	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.200.36M	31
200	45	Panel sizing	36	4,7-6,0			CONICAL	288.200.36Q	20
200	65	Panel sizing	36	4,3-5,5			CONICAL	288.200.36J	20
200	30	Wood	48	3,2	2,2	15°	15° ATB	285.048.08M	14
200	30	Aluminium	48	2,8	2,2	-6° Neg.	TCG	296.200.48M	24
200	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.200.48M	32

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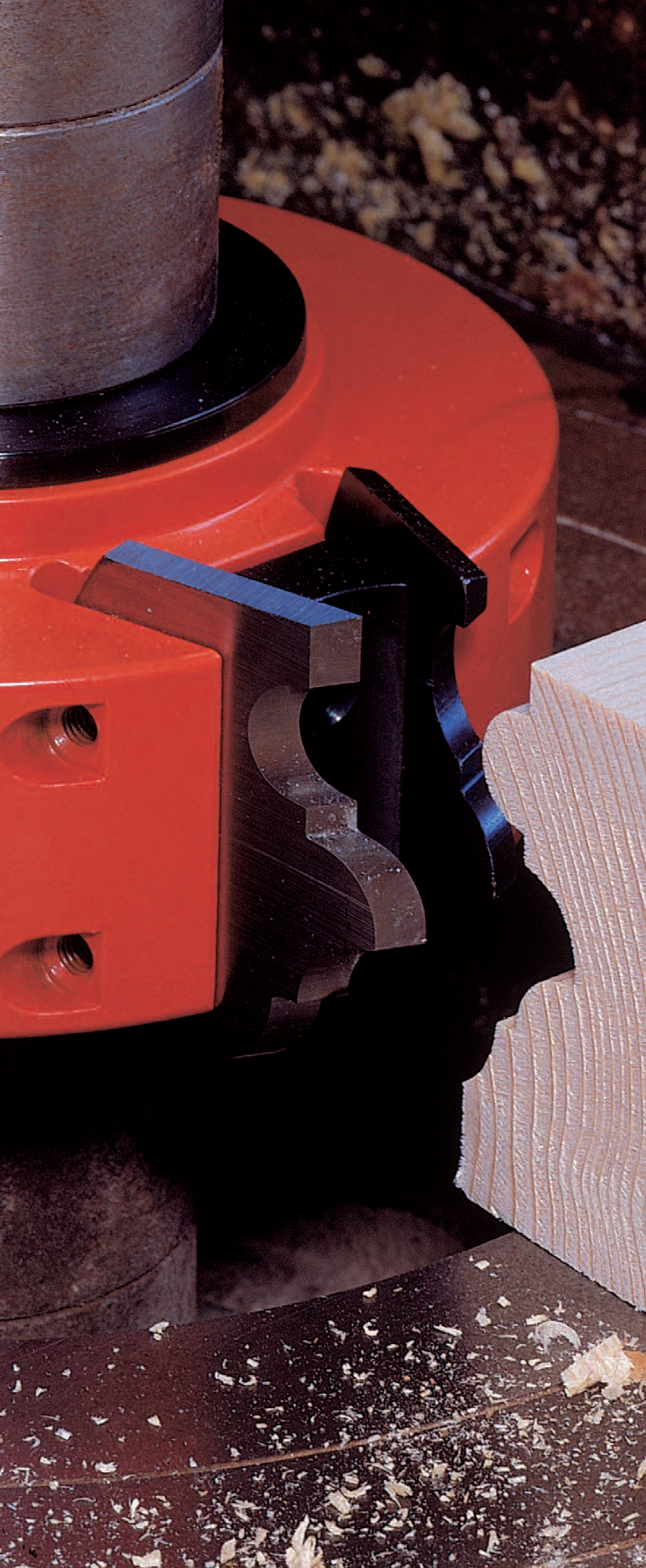
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Saw blades	200	30	Wood	64	3,2	2,2	5°	15° ATB	285.064.08M	15
	200	30	Portables machines	64	3,2	2,2	10°	TCG	281.064.08M	18
	210	25	Portables machines	24	2,8	1,8	20°	10° ATB	290.210.24L	30
	210	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.210.24M	30
Tools with bore & Knives	210	25	Portables machines	36	2,8	1,8	15°	15° ATB	291.210.36L	31
	210	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.210.36M	31
	210	15,87	Metal	48	2,2	1,8	0°	TCG	226.048.08	25
	210	25	Portables machines	48	2,8	1,8	15°	15° ATB	292.210.48L	32
	210	30	Aluminium	48	2,8	2,2	-6° Neg.	TCG	296.210.48M	24
	210	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.210.48M	32
	210	30	Metal	48	2,2	1,8	0°	TCG	226.048.08M	25
	210	30	Aluminium	64	2,8	2,2	-6° Neg.	TCG	296.210.64M	24
	210	30	Portables machines	64	2,8	1,8	15°	15° ATB	292.210.64M	32
	215	50	Panel sizing	42	4,3-5,5			CONICAL	288.215.42T	20
	216	30	Portables machines	24	2,8	1,8	-5° Neg.	15° ATB	290.216.24M	30
	216	30	Portables machines	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.216.36M	27
	216	30	Portables machines	48	2,8	1,8	-5° Neg.	15° ATB	291.216.48M	31
	216	30	Aluminium	64	2,8	2,5	-6° Neg.	TCG	297.064.09M	24
	216	30	Portables machines	64	2,8	1,8	-5° Neg.	15° ATB	292.216.64M	32
	220	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.220.24M	30
Router Bits & Sets	220	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.220.36M	31
	220	30	Portables machines	42	3,2	2,2	10°	HDF	287.042.09M	17
	220	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.220.48M	32
	220	30	Portables machines	64	3,2	2,2	-5°	40° ATB	283.064.09M	16
CNC Router Cutter & Chucks	220	30	Portables machines	64	3,2	2,2	10°	TCG	281.064.09M	18
	225	30	Portables machines	36	2,8	1,8	20°	15° ATB	291.225.36M	31
	225	30	Portables machines	48	2,8	1,8	10°	15° ATB	292.225.48M	32
	225	30	Aluminium	64	2,8	2,2	-6° Neg.	TCG	296.225.64M	24
	230	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.230.24M	30
	230	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.230.36M	31
	230	30	Abrasive materials	4	2,2	1,6	12°	FLAT	236.230.04M	30
	230	30	Aluminium	48	2,8	2,2	-6° Neg.	TCG	296.230.48M	24
	230	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.230.48M	32
	230	30	Portables machines	64	2,8	1,87	15°	15° ATB	292.230.64M	32
Industrial Dowel Drills	235	25	Portables machines	24	2,8	1,8	20°	10° ATB	290.235.24L	30
	235	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.235.24M	30
	235	25	Portables machines	36	2,8	1,8	15°	15° ATB	291.235.36L	31
	235	25	Portables machines	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.235.36L	27
	235	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.235.36M	31
	235	30	Portables machines	36	1,7	1,2	20°	1 FTG+2/15° ATB	271.235.36M	27
	235	25	Portables machines	48	2,8	1,8	15°	15° ATB	292.235.48L	32
	235	30	Aluminium	48	2,8	2,2	-6° Neg.	TCG	296.235.48M	24
	235	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.235.48M	32
	235	30	Metal	48	2,2	1,8	0°	TCG	226.048.09M	25
Bits for Hand Power Tools	240	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.240.24M	30
	240	30	Portables machines	36	2,8	1,8	15°	15° ATB	291.240.36M	31
	240	30	Portables machines	48	2,8	1,8	15°	15° ATB	292.240.48M	32
	250	30	Construction	16	2,8	1,8	15°	5° ATB	286.016.10M	12
	250	20	Garden	20	2,2	1,8	25°	FLAT	298.250.20H	33
	250	25,4	Garden	20	2,2	1,8	25°	FLAT	298.250.20	33
Spare Parts	250	30	Multirip	20+4	3,2	2,2	20°	5° ATB	279.020.10M	11
	250	70	Multirip	20+4	2,7	1,8	20°	5° ATB	280.020.10V	10
	250	70	Multirip	20+4	3,2	2,2	20°	5° ATB	279.020.10V	11
	250	80	Multirip	20+4	2,7	1,8	20°	5° ATB	280.020.10W	10
	250	80	Multirip	20+4	3,2	2,2	20°	5° ATB	279.020.10W	11
	250	30	Wood	24	2,8	1,8	20°	10° ATB	290.250.24M	12
Power Tools & Accessories	250	30	Portables machines	24	2,8	1,8	20°	10° ATB	290.250.24M	30
	250	30	Portables machines	24	1,7	1,2	20°	1 FTG+2/15° ATB	271.250.24M	27
	250	20	Wood	40	3,2	2,2	15°	10° ATB	285.040.10H	13
	250	30	Wood	40	3,2	2,2	15°	10° ATB	285.040.10M	13
	250	35	Wood	40	3,2	2,2	15°	10° ATB	285.040.10R	13
	250	30	Portables machines	42	1,7	1,2	20°	1 FTG+2/15° ATB	271.250.42M	27
	250	30	Wood	48	3,2	2,2	15°	10° ATB	285.048.10M	14
	250	30	Portables machines	48	3,2	2,2	10°	HDF	287.048.10M	17
	250	30	Wood	60	3,2	2,2	10°	15° ATB	285.060.10M	14
	250	30	Portables machines	60	3,2	2,2	10°	TCG	281.060.10M	18
Display Cabinets	250	30	Portables machines	60	3,2	2,2	-6°	TCG	281.061.10M	17
	250	30	Wood	60	3,2	2,2	10°	15° ATB	285.060.10M	14
	250	30	Portables machines	60	1,7	1,2	20°	1 FTG+2/15° ATB	272.250.60M	28
	250	35	Wood	60	3,2	2,2	10°	15° ATB	285.060.10R	14
	250	30	Solid surface	72	3,2	2,5	0°	MTCG	223.072.10M	26
	250	30	Wood	80	3,2	2,2	5°	15° ATB	285.080.10M	15
	250	30	Wood	80	3	2,5	10°	20° ATB	285.580.10M	15
	250	30	Portables machines	80	3,2	2,2	-2°	40° ATB	283.080.10M	16
	250	30	Portables machines	80	3,2	2,2	5°	40° ATB	210.080.10M	16
	250	30	Portables machines	80	3,2	2,2	10°	TCG	281.080.10M	18

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250	30	Portables machines	80	3,2	2,2	10°	TCG	281.580.10M	18
250	30	Aluminium	80	3,2	2,5	-6° Neg.	TCG	297.080.10M	24
250	30	Plexiglass & plastic	80	2,8	2,2	-3°	MATB	222.080.10M	26
250	30	Portables machines	80	1,7	1,2	15°	40° ATB	273.250.80M	28
250	32	Aluminium	80	3,2	2,5	5° Pos.	TCG	284.080.10P	23
250	32	Aluminium	80	3,2	2,5	-6° Neg.	TCG	297.080.10P	24
250	35	Wood	80	3,2	2,2	5°	15° ATB	285.080.10R	15
254	15,87	Abrasive materials	6	2,2	1,6	12°	FLAT	236.006.10	30
254	15,87	Metal	60	2,2	1,8	0°	8° FWF	226.060.10	25
254	30	Metal	60	2,2	1,8	0°	8° FWF	226.060.10M	25
260	30	Wood	48	3,2	2,2	15°	10° ATB	285.048.11M	13
260	30	Wood	60	3,2	2,2	10°	15° ATB	285.060.11M	14
260	30	Aluminium	80	3,2	2,5	-6° Neg.	TCG	297.080.11M	24
270	30	Wood	28	2,8	1,8	15°	10° ATB	290.270.28M	12
270	30	Portables machines	28	2,8	1,8	20°	10° ATB	290.270.28M	30
270	30	Portables machines	42	2,8	1,8	15°	15° ATB	291.270.42M	31
275	20	Wood	42	3,2	2,2	15°	10° ATB	285.042.11H	13
280	30	Wood	64	2,8	1,8	10°	15° ATB	295.064.11M	14
280	30	Aluminium	64	3,2	2,5	-6° Neg.	TCG	297.064.11M	24
300	30	Construction	20	2,8	1,8	15°	5° ATB	286.020.12M	12
300	30	Wood	24	3,2	2,2	20°	10° ATB	293.024.12M	12
300	30	Multirip	24+4	3,2	2,2	20°	5° ATB	279.024.12M	11
300	60	Multirip	24+4	3,2	2,2	20°	5° ATB	279.024.12U	11
300	70	Multirip	24+4	2,7	1,8	20°	5° ATB	280.024.12V	10
300	70	Multirip	24+4	3,2	2,2	20°	5° ATB	279.024.12V	11
300	80	Multirip	24+4	2,7	1,8	20°	5° ATB	280.024.12W	10
300	80	Multirip	24+4	3,2	2,2	20°	5° ATB	279.024.12W	11
300	30	Multirip	24+4	4	2,8	18°	10° ATB	277.024.12M	10
300	70	Multirip	24+4	4	2,8	18°	10° ATB	277.024.12V	10
300	80	Multirip	24+4	4	2,8	18°	10° ATB	277.024.12W	10
300	30	Multirip	28	3,2	2,2	20°	5° ATB	278.028.12M	11
300	70	Multirip	28	3,2	2,2	20°	5° ATB	278.028.12V	11
300	30	Portables machines	45	2,4	1,8	20°	1 FTG+2/15° ATB	271.300.45M	27
300	20	Wood	48	3,2	2,2	15°	10° ATB	285.048.12H	13
300	30	Wood	48	3,2	2,2	15°	10° ATB	285.048.12M	13
300	35	Wood	48	3,2	2,2	15°	10° ATB	285.048.12R	13
300	50	Panel sizing	48	4,3-5,5			CONICAL	288.300.48T	20
300	30	Wood	60	3,2	2,2	15°	10° ATB	285.060.12M	14
300	30	Panel sizing	60	4,4	3,2	16°	TCG	282.060.12M	21
300	75	Panel sizing	60	4,4	3,2	16°	TCG	282.060.12X	21
300	80	Panel sizing	60	4,4	3,2	16°	TCG	282.060.12W	21
300	30	Wood	72	3,2	2,2	10°	15° ATB	285.072.12M	14
300	30	Portables machines	72	3,2	2,2	10°	TCG	281.072.12M	18
300	30	Portables machines	72	3,2	2,2	-6°	TCG	281.073.12M	17
300	30	Portables machines	72	2,4	1,8	20°	1 FTG+2/15° ATB	272.300.72M	28
300	35	Wood	72	3,2	2,2	10°	15° ATB	285.072.12R	14
300	65	Panel sizing	72	4,3-5,5			CONICAL	288.300.72J	20
300	30	Solid surface	84	3,2	2,5	0°	MTCG	223.084.12M	26
300	30	Wood	96	3,2	2,2	5°	15° ATB	285.096.12M	15
300	30	Wood	96	3	2,5	10°	20° ATB	285.596.12M	15
300	30	Portables machines	96	3,2	2,2	2°	40° ATB	283.096.12M	16
300	30	Portables machines	96	3,2	2,2	5°	40° ATB	210.096.12M	16
300	30	Portables machines	96	3,2	2,2	10°	TCG	281.096.12M	18
300	30	Portables machines	96	3,2	2,2	10°	TCG	281.596.12M	18
300	30	Portables machines	96	3,2	2,2	10°	TCG	281.096.12M	18
300	30	Aluminium	96	3,2	2,5	-6° Neg.	TCG	297.096.12M	24
300	30	Plexiglass & plastic	96	2,8	2,2	-3°	MATB	222.096.12M	26
300	30	Portables machines	96	2,4	1,8	15°	40° ATB	273.300.96M	28
300	32	Aluminium	96	3,2	2,5	5° Pos.	TCG	284.096.12P	23
300	32	Aluminium	96	3,2	2,5	-6° Neg.	TCG	297.096.12P	24
300	35	Wood	96	3,2	2,2	5°	15° ATB	285.096.12R	15
303	30	Portables machines	60	3,2	2,2	10°	HDF	287.060.12M	17
305	30	Wood	28	2,8	1,8	20°	10° ATB	293.028.22M	12
305	30	Wood	54	2,8	1,8	-5° Neg.	15° ATB	294.054.22M	14
305	25,4	Metal	60	2,2	1,8	0°	8° FWF	226.060.12	25
305	30	Wood	72	3,2	2,2	5°	15° ATB	285.072.22M	15
305	25,4	Abrasive materials	8	2,2	1,6	12°	FLAT	236.008.12	30
305	25,4	Metal	80	2,2	1,8	0°	8° FWF	226.080.12	25
305	30	Metal	80	2,2	1,8	0°	8° FWF	226.080.12M	25
305	30	Aluminium	96	3,2	2,5	-6° Neg.	TCG	297.096.13M	24
315	30	Construction	24	3,2	2,2	15°	5° ATB	286.024.13M	12
315	30	Wood	28	3,2	2,2	20°	10° ATB	293.028.12M	12
315	30	Wood	36	3,2	1,8	15°	10° ATB	285.036.13M	13
315	30	Wood	54	3,2	1,8	15°	10° ATB	294.054.12M	14
315	30	Wood	72	3,2	2,2	5°	15° ATB	285.072.13M	15
315	30	Aluminium	96	3,2	2,5	-6° Neg.	TCG	297.096.23M	24

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Saw blades	350	30	Wood	108	3,5	2,5	5°	15° ATB	285.108.14M	15
	350	30	Portables machines	108	3,5	2,5	5°	40° ATB	283.108.14M	16
	350	30	Portables machines	108	3,5	2,5	10°	TCG	281.108.14M	18
Tools with bore & Knives	350	30	Portables machines	108	3,5	2,5	10°	TCG	281.608.14M	18
	350	30	Aluminium	108	3,2	2,5	-6° Neg.	TCG	297.108.14M	24
	350	32	Aluminium	108	3,2	2,5	5° Pos.	TCG	284.108.14P	23
	350	32	Aluminium	108	3,2	2,5	-6° Neg.	TCG	297.108.14P	24
	350	35	Wood	108	3,5	2,5	5°	15° ATB	285.108.14R	15
	350	30	Construction	24	3,2	2,2	15°	5° ATB	286.024.14M	12
	350	30	Multirip	24+6	4,2	2,8	18°	10° ATB	277.024.14M	10
	350	70	Multirip	24+6	4,2	2,8	18°	10° ATB	277.024.14V	10
	350	30	Multirip	28	3,5	2,5	20°	10° ATB	293.028.14M	12
	350	30	Multirip	28+4	3,5	2,5	20°	5° ATB	279.028.14M	11
Router Bits & Sets	350	60	Multirip	28+4	3,5	2,5	20°	5° ATB	279.028.14U	11
	350	70	Multirip	28+4	3,5	2,5	20°	5° ATB	279.028.14V	11
	350	80	Multirip	28+4	3,5	2,5	20°	5° ATB	279.028.14W	11
	350	30	Multirip	36	3,5	2,5	20°	5° ATB	278.036.14M	11
	350	70	Multirip	36	3,5	2,5	20°	5° ATB	278.036.14V	11
	350	30	Wood	54	3,5	2,5	15°	10° ATB	285.054.14M	13
	350	35	Wood	54	3,5	2,5	15°	10° ATB	285.054.14R	13
	350	30	Wood	72	3,5	2,5	15°	10° ATB	285.072.14M	15
	350	30	Panel sizing	72	4,4	3,2	16°	TCG	282.072.14M	21
	350	50	Panel sizing	72	4,4	3,2	16°	TCG	282.072.14T	21
CNC Router Cutter & Chucks	350	75	Panel sizing	54	4,4	3,2	16°	TCG	282.054.14X	21
	350	75	Panel sizing	72	4,4	3,2	16°	TCG	282.072.14X	21
	350	80	Panel sizing	54	4,4	3,2	16°	TCG	282.054.14W	21
	350	80	Panel sizing	72	4,4	3,2	16°	TCG	282.072.14W	21
	350	30	Wood	84	3,5	2,5	10°	15° ATB	285.084.14M	14
	350	35	Wood	84	3,5	2,5	10°	15° ATB	285.084.14R	14
	350	32	Aluminium	92	3,2	2,5	5° Pos.	TCG	284.092.14P	23
	355	25,4	Metal	80	2,2	1,8	0°	8° FWF	226.080.14	25
	355	25,4	Metal	90	2,2	1,8	0°	8° FWF	226.090.14	25
	355	30	Panel sizing	72	4,4	3,2	16°	TCG	S282.03556	21
Industrial Dowel Drills	355	30	Metal	90	2,2	1,8	0°	8° FWF	226.090.14M	25
	380	60	Panel sizing	72	4,8	3,5	16°	TCG	282.072.15U	21
	400	30	Construction	28	3,2	2,2	15°	5° ATB	286.028.16M	12
	400	30	Multirip	28+6	4	2,8	20°	5° ATB	279.028.16M	11
	400	30	Panel sizing	60	4,4	3,2	16°	TCG	282.060.16M	21
	400	70	Multirip	28+6	4	2,8	20°	5° ATB	279.028.16V	11
	400	30	Wood	36	3,5	2,5	20°	10° ATB	285.036.16M	12
	400	30	Wood	48	3,5	2,5	20°	10° ATB	285.048.16M	13
	400	30	Wood	60	3,5	2,5	10°	15° ATB	285.060.16M	14
	400	30	Panel sizing	72	4,4	3,2	16°	TCG	282.072.16M	21
Bits for Hand Power Tools	400	30	Wood	96	3,5	2,5	5°	15° ATB	285.096.16M	15
	400	30	Aluminium	120	3,8	3,2	-6° Neg.	TCG	297.120.16M	24
	400	30	Wood	120	3,5	2,5	10°	15° ATB	285.120.16M	15
	400	32	Aluminium	96	3,8	3,2	5° Pos.	TCG	284.096.16P	23
	420	32	Aluminium	96	3,8	3,2	5° Pos.	TCG	284.096.17P	23
	400	32	Aluminium	108	3,8	3,2	-6° Neg.	TCG	297.108.16P	24
	400	60	Panel sizing	72	4,4	3,2	16°	TCG	282.072.16U	21
	400	75	Panel sizing	60	4,4	3,2	16°	TCG	282.060.16X	21
	400	75	Panel sizing	72	4,4	3,2	16°	TCG	282.072.16X	21
	400	80	Panel sizing	72	4,4	3,2	16°	TCG	282.072.16W2	21
Spare Parts	400	80	Panel sizing	72	4,4	3,2	16°	TCG	282.072.16W	21
	430	75	Panel sizing	72	4,4	3,2	16°	TCG	282.072.17X	21
	430	80	Panel sizing	72	4,4	3,2	16°	TCG	282.072.17W2	21
	450	30	Construction	32	3,8	2,8	15°	5° ATB	286.032.18M	12
	450	30	Wood	36	3,8	2,8	20°	10° ATB	285.036.18M	12
	450	30	Wood	54	3,8	2,8	10°	15° ATB	285.054.18M	13
	450	30	Wood	66	3,8	2,8	10°	15° ATB	285.066.18M	14
	450	30	Aluminium	140	3,8	3,2	-6° Neg.	TCG	Y297.140.18M	24
	450	32	Aluminium	108	3,8	3,2	5° Pos.	TCG	284.108.18P	23
	450	32	Aluminium	108	3,8	3,2	-6° Neg.	TCG	297.108.18P	24
Power Tools & Accessories	450	60	Panel sizing	72	4,8	3,5	16°	TCG	282.072.18U	21
	450	80	Panel sizing	72	4,8	3,5	16°	TCG	282.072.18W2	21
	500	30	Wood	60	3,8	2,8	10°	15° ATB	285.060.20M	13
	500	32	Aluminium	120	4	3,2	5° Pos.	TCG	284.120.20P	23
	500	32	Aluminium	120	4	3,2	-6° Neg.	TCG	297.120.20P	24
	500	30	Construction	36	3,8	2,8	15°	5° ATB	286.036.20M	12
	500	30	Wood	72	3,8	2,8	10°	15° ATB	285.072.20M	14
	500	60	Panel sizing	72	4,8	3,5	16°	TCG	282.072.20U	21
	500	80	Panel sizing	72	4,8	3,5	16°	TCG	Y282.072.20W	21
	550	30	Construction	40	4	3	15°	5° ATB	286.040.22M	12
Display Cabinets	550	100	Panel sizing	72	5,2	3,5	16°	TCG	282.072.22A	21
	600	30	Construction	40	4	3	15°	5° ATB	286.040.24M	12



Tool with bore & Knives

Products	Page
Rabbeting cutter head	44
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694.100

These cutter heads have been designed for:

- rebating from top and from bottom;
- jointing
- grooving

in your spindle moulder machines, double-end tenoner and edging machines.

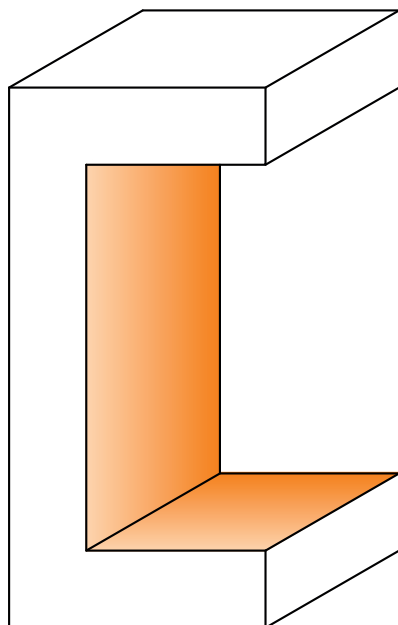
Perfect in all materials, but a better result is achieved using chipboard and MDF, wood composites, plastic materials and laminates.

Improved design with shear angle.

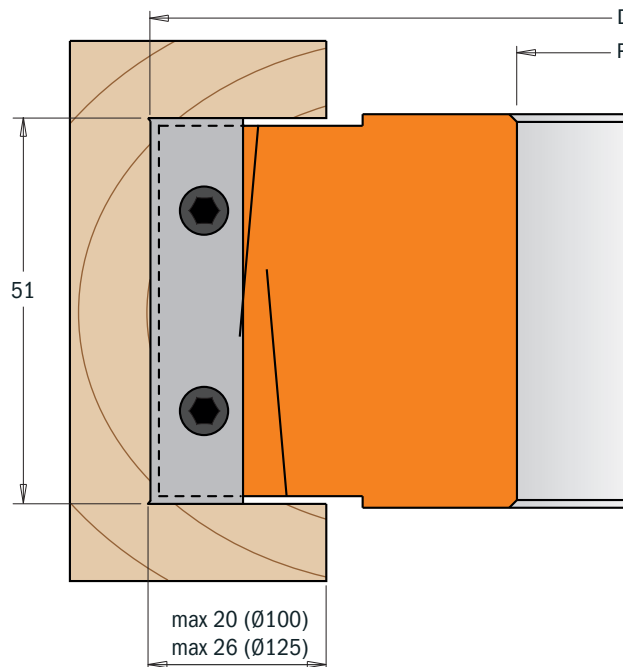
Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 universal HWM straight knives 50x12x1,5mm [Z2]
- 4 universal HWM scoring knives 14x14x2mm [V4]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

- Supplied in a solid plastic box



Drawings are 1:1 scale



D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					HWM knives 50x12x1,5mm	Wedge for knives 46x11x9,5mm	Screw M8x16mm	Hex key 4mm
100	19,05	2+4	7500~12500	694.100.19	790.500.00	695.999.46	990.064.00	991.064.00
100	30	2+4	7500~12500	694.100.30	790.500.00	695.999.46	990.064.00	991.064.00
100	31,75	2+4	7500~12500	694.100.31	790.500.00	695.999.46	990.064.00	991.064.00
100	35	2+4	7500~12500	694.100.35	790.500.00	695.999.46	990.064.00	991.064.00
125	40	2+4	6100~10000	694.125.40	790.500.00	695.999.46	990.064.00	991.064.00
125	50	2+4	6100~10000	694.125.50	790.500.00	695.999.46	990.064.00	991.064.00

Spare parts

790.140.00 HWM knives 14x14x2mm

990.080.00 Screw M5x6,5 for knives 790.140.00

991.061.00 Torx key T15

3 Piece adjustable grooving set



694.001



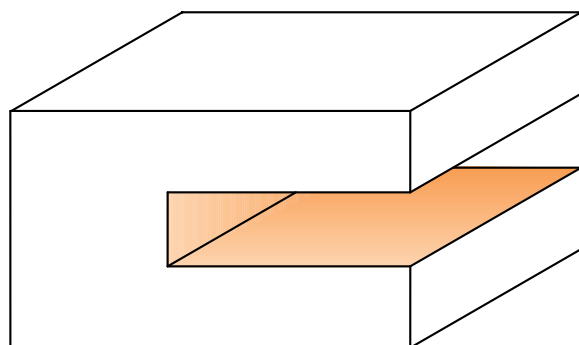
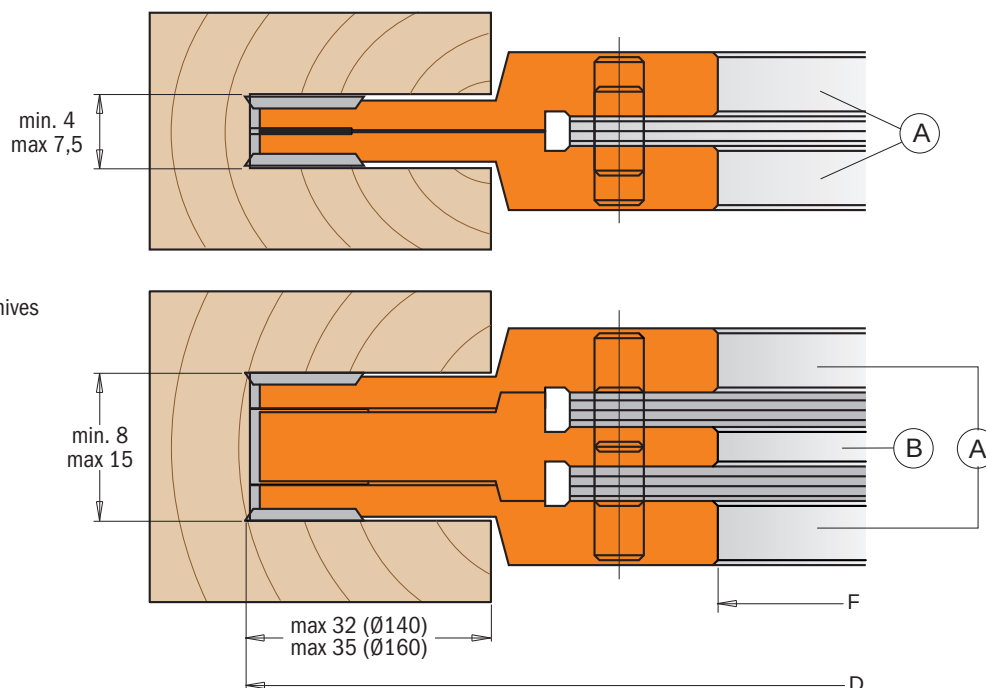
These cutter heads are the ideal tools to create precision slots and grooves in materials from 4 to 15mm in depth by using the CMT 3 piece adjustable grooving set. This set includes:

- 2 cutter heads type (A) Z4 + V4
- 1 cutter head type (B) Z2
- 12 spacer rings from 0,1 to 2mm

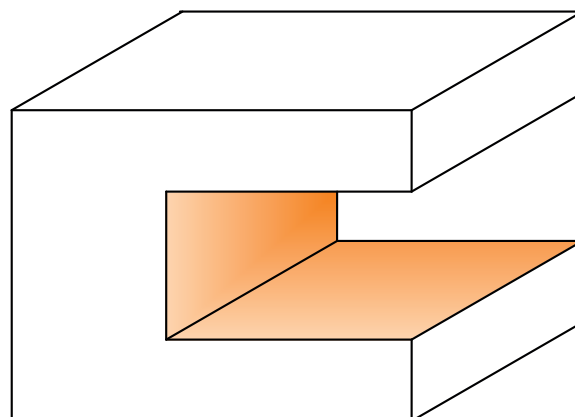
To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect grooving in all materials, but ideal on solid woods, plywood and laminated panels.

Technical details:

- Super-strength steel body
- 2 HWM Knives 7,65x12x1,5mm [Z2]
- 4 HWM Knives 18x18x1,5mm [Z4]
- 4 HWM Knives 14x14x1,2mm [V4]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives
- **Supplied in a solid plastic box**



Drawings are 1:1 scale



Spare parts

D mm	F mm	Z + V	RPM	ORDER NO.	Knives 18x18x1,95	Knives 14x14x1,2	Knives 7,65x12x1,5	Spacer set
140	30	4+4	5500~9500	694.001.30	790.181.00	790.140.10	790.076.00	695.998.21
140	31,75	4+4	5500~9500	694.001.31	790.181.00	790.140.10	790.076.00	695.998.22
140	35	4+4	5500~9500	694.001.35	790.181.00	790.140.10	790.076.00	695.998.23
160	40	4+4	4800~8300	694.001.40	790.181.00	790.140.10	790.076.00	695.998.24
160	50	4+4	4800~8300	694.001.50	790.181.00	790.140.10	790.076.00	695.998.25

Spare parts

For cutter heads (A)

- 990.079.00** Screw Torx M4x3,2mm
- 695.996.02** Threaded ring M4 (Ø12x1,7mm)
- 695.996.01** Threaded ring M4 (Ø10x1,6mm)

For cutter heads (B)

- 695.999.07** Wedge for knives 7x11x9,5mm
- 990.063.00** Screw M5x18mm
- 990.069.00** Torx key T9
- 990.072.00** Torx key T20

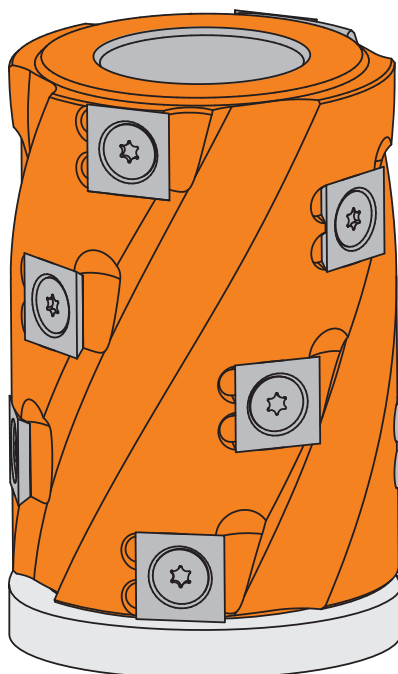
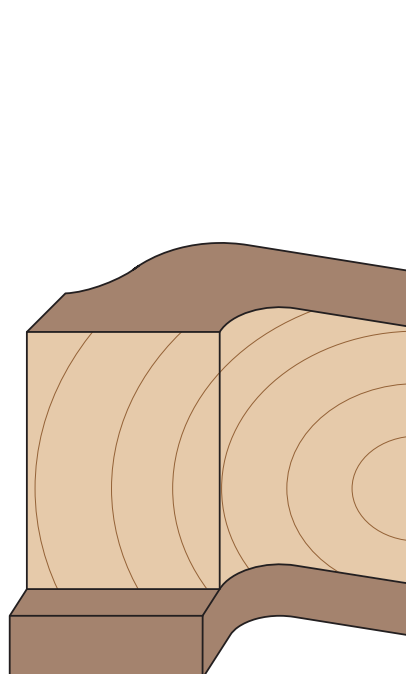
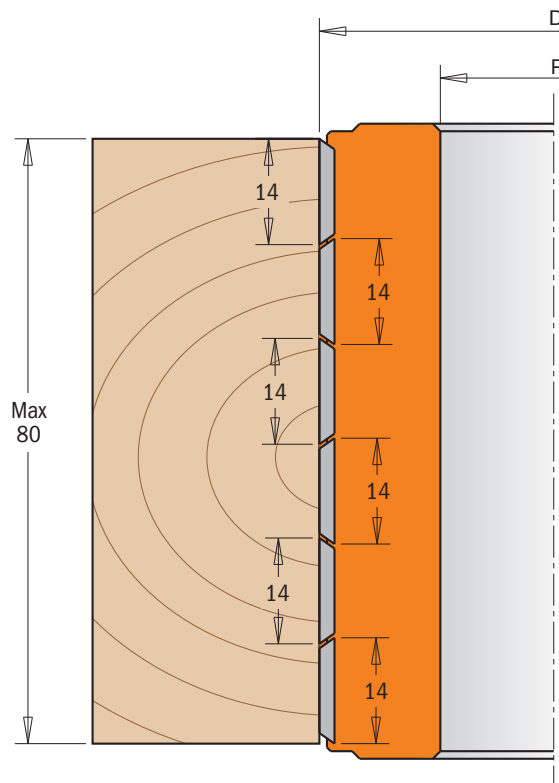


694.019

These new cutter heads have been designed for planing and jointing in soft or hard wood and wooden boards on spindle moulder machines. Ideal for routing out curved elements by using bearing guide (sold separately) and template.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 12 HWM Knives 14x14x2mm (Z2) with 4 spiral indexing
- Tools for manual feed MAN



Optional bearing

D mm	I mm	F mm	Z	RPM	ORDER NO.	Knives 14x14x1,2mm	Screw T25 M5x18mm	Key Torx T25
62	80	30	12	8000~12000	694.019.30	790.140.00	990.093.00	991.073.00
62	80	35	12	8000~12000	694.019.35	790.140.00	990.093.00	991.073.00
80	80	50	12	8000~12000	694.019.50	790.140.00	990.093.00	991.073.00

Optional	791.051.00	62x16x30mm bearing
	791.052.00	62x16x35mm bearing
	791.053.00	80x16x50mm bearing

Spare parts

2 Piece adjustable rounding & chamfering set



694.005

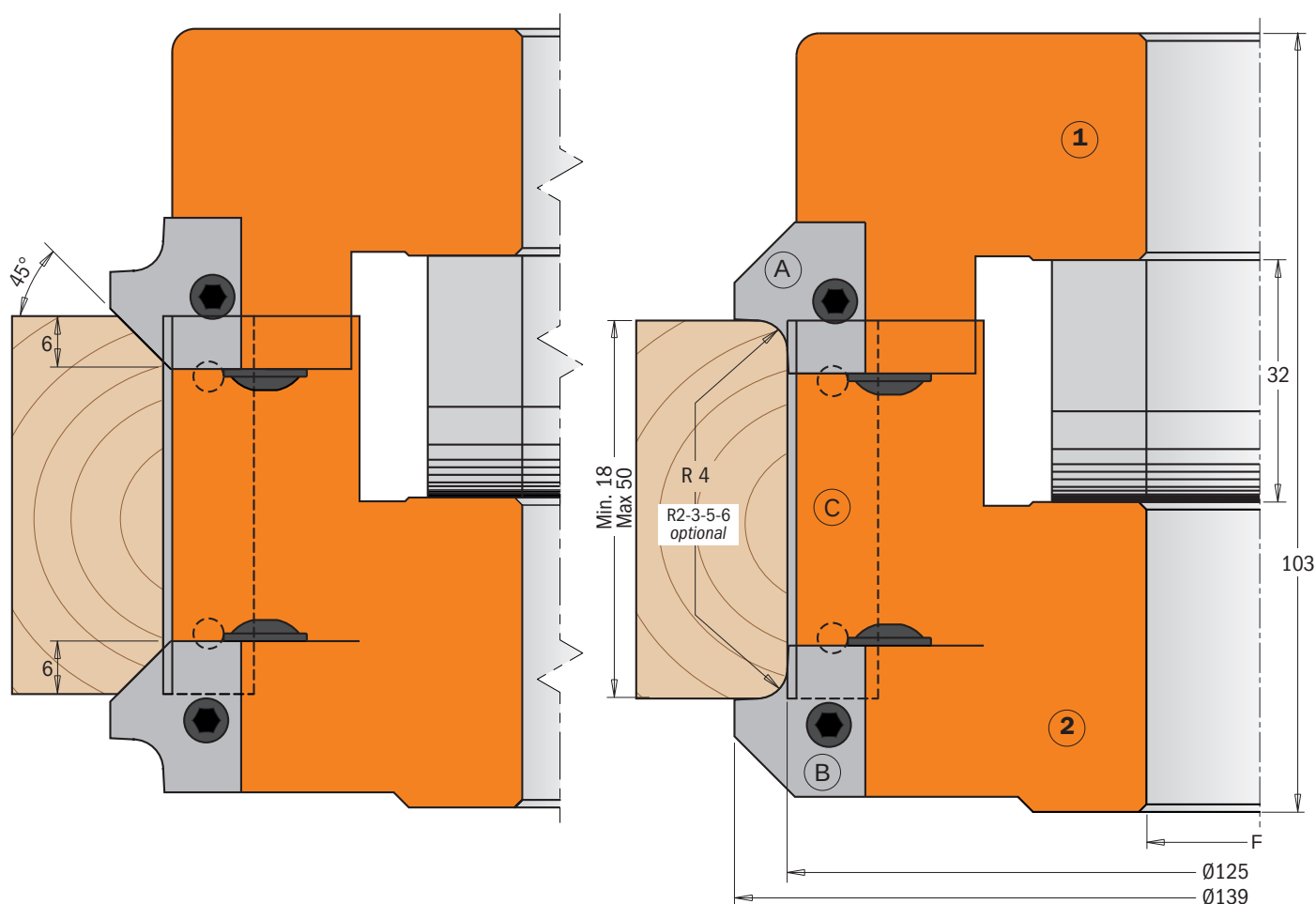


Innovative design for simply assembly and use with enormous possibilities. In fact the CMT adjustable rounding and chamfering set is made by two pieces which are very easy to set up in your spindle moulder machine allowing you to profile in solid wood and man-made boards (with or without coating). It support five different knives that enable you to roundover both top and bottom edges in just one pass with radius 2, 3, 4, 5 and 6mm and 45° chamfering in a wide range of stock thickness, from 18mm to 50mm. The improved design with shear angle guarantees a perfect finishing! To be used in your spindle moulder machines, double-end tenoners.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- One pair of HWM top knives radius 4mm and 45° chamfer (20x20,5x2mm) [Z2]
- One pair of HWM bottom knives radius 4mm and 45° chamfer (20x20,5x2mm) [Z2]
- Two HWM knives 50x12x1,5mm
- Set of 21 spacer rings from 0,1 to 3mm
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					Wedge for knives 17x11x9,5mm	Wedge for knives 46x11x9,5mm	Screw M8x20mm	Spacer set
139	30	2+2	5500~9400	694.005.30	695.999.17	695.999.46	990.086.00	695.998.11
139	31,75	2+2	5500~9400	694.005.31	695.999.17	695.999.46	990.086.00	695.998.12
139	35	2+2	5500~9400	694.005.35	695.999.17	695.999.46	990.086.00	695.998.13
139	40	2+2	5500~9400	694.005.40	695.999.17	695.999.46	990.086.00	695.998.14
139	50	2+2	5500~9400	694.005.50	695.999.17	695.999.46	990.086.00	695.998.15

Spare parts

- 695.005.A2** Pair of knives for roundover/chamfer (top) R=2+45°
695.005.A3 Pair of knives for roundover/chamfer (top) R=3+45°
695.005.A4 Pair of knives for roundover/chamfer (top) R=4+45°
695.005.A5 Pair of knives for roundover/chamfer (top) R=5+45°
695.005.A6 Pair of knives for roundover/chamfer (top) R=6+45°

- 695.005.B2** Pair of knives for roundover/chamfer (bottom) R=2+45°
695.005.B3 Pair of knives for roundover/chamfer (bottom) R=3+45°
695.005.B4 Pair of knives for roundover/chamfer (bottom) R=4+45°
695.005.B5 Pair of knives for roundover/chamfer (bottom) R=5+45°
695.005.B6 Pair of knives for roundover/chamfer (bottom) R=6+45°
790.500.00 Knives 50x12x1,5mm
991.064.00 Hex key 4mm
991.067.00 Hex key 3mm

45° Chamfer cutter head



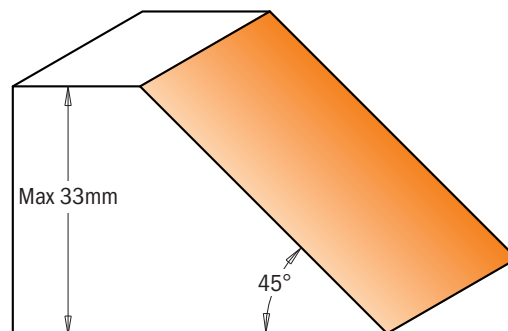
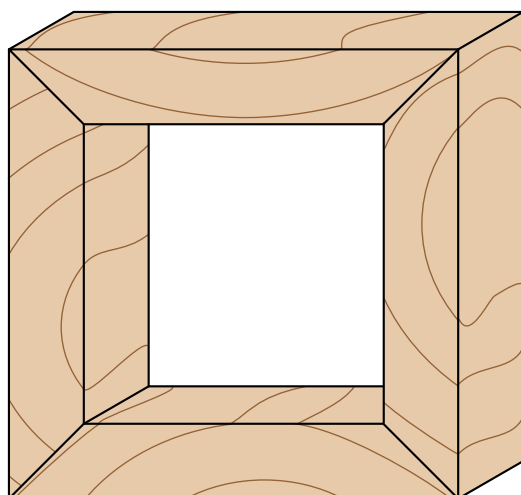
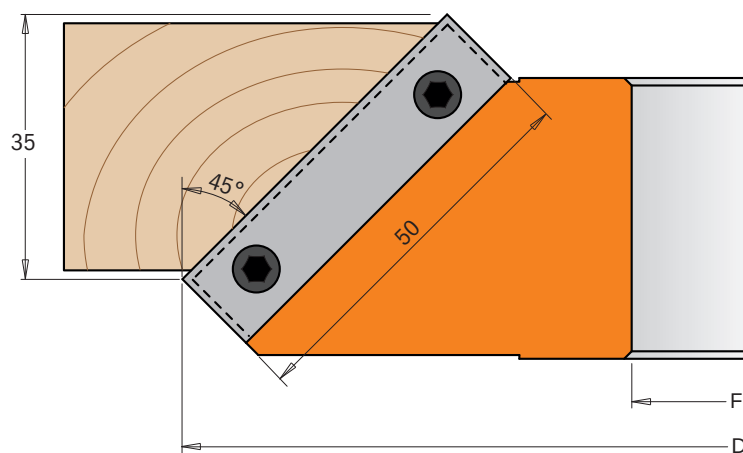
694.002

CMT Chamfer cutter heads cut clean, accurate bevels, chamfers and joints that are great for edge work. To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect in all materials, but ideal on solid woods, panel materials veneered and plastic coated.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM Knives 50x12x1,5mm [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



Drawings are 1:1 scale

D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					HWM knives 50x12x1,5mm	Wedge for knives 41x11x9,5mm	Screw M8x20mm	Hex key 4mm
150	30	2	5100~8800	694.002.30	790.500.00	695.999.41	990.086.00	991.064.00
150	31,75	2	5100~8800	694.002.31	790.500.00	695.999.41	990.086.00	991.064.00
150	35	2	5100~8800	694.002.35	790.500.00	695.999.41	990.086.00	991.064.00
150	40	2	5100~8800	694.002.40	790.500.00	695.999.41	990.086.00	991.064.00
160	50	2	4800~8300	694.002.50	790.500.00	695.999.41	990.086.00	991.064.00

Adjustable chamfer cutter head with positive stop

new

CMT ORANGE TOOLS™

MAN

Z2

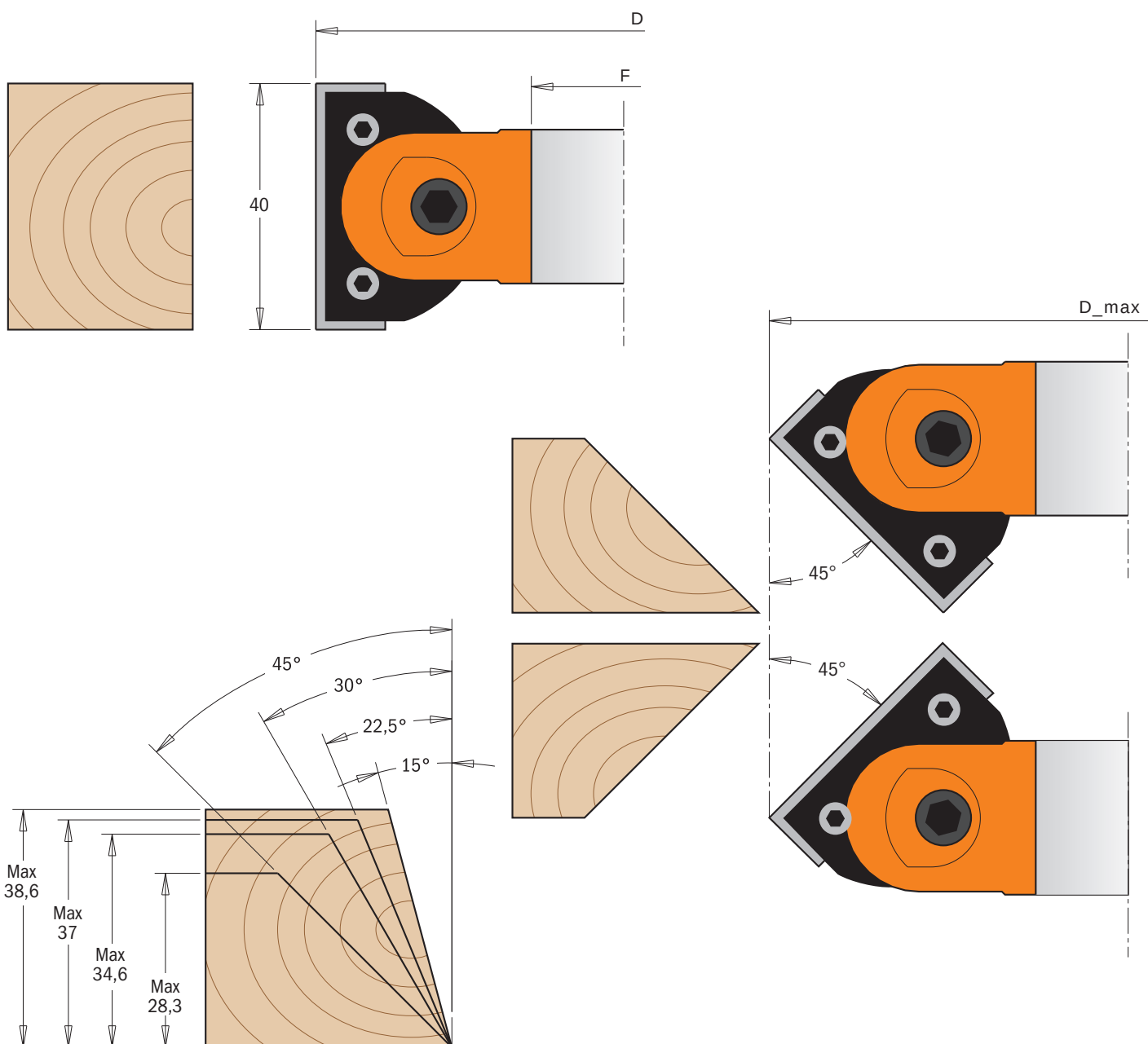


694.018

This new adjustable chamfer cutter head cut clean, accurate bevels, chamfer and joints in wooden boards and solid timber. To be used on your spindle moulder machines, double-end tenoners and shapers machines.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM Knives 40x12x1,5mm (Z2)
- Tools for manual feed MAN
- Positive lock hold of HWM knives, swivel bodies infinitely adjustable on both sides from 0 to 90°, with positive stops in 7,5° steps with special geared mechanism.



D mm	I mm	F mm	Z	D_Max 45° mm	RPM	ORDER NO.
120	40	30	2	140	7000~9000	694.018.30
120	40	35	2	140	7000~9000	694.018.35
145	40	40	2	165	4800~7200	694.018.40
145	40	50	2	165	4800~7200	694.018.50

Spare parts

Indexable knife wedge block	HWM knives 40x12x1,5mm	Screw T20 M4x6mm	Key Torx T20
695.018.01	790.400.00	990.094.00	991.072.00
695.018.01	790.400.00	990.094.00	991.072.00
695.018.01	790.400.00	990.094.00	991.072.00
695.018.01	790.400.00	990.094.00	991.072.00

Multiradius roundover cutter head


Z2


694.003

Innovative cutter heads supporting three different knives making six radius roundover profiles. The standard cutter heads is delivered with knives radius 5 and 10mm; two more knives sets are available to make radius 4-8mm and 3-6mm. To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect in all materials, but ideal on solid woods and panel materials.

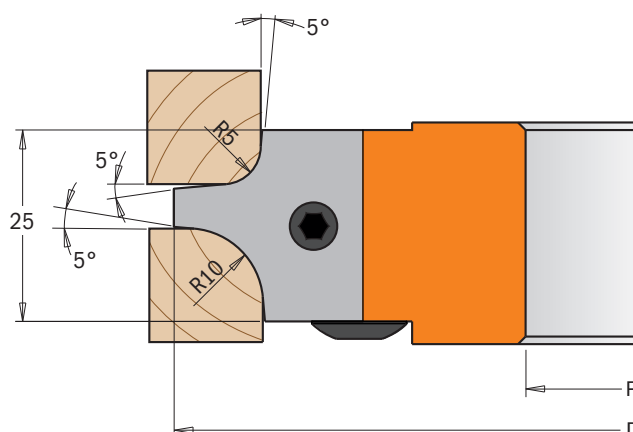
Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives radius 5/10mm (25x24,8x2mm) [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box

Standard

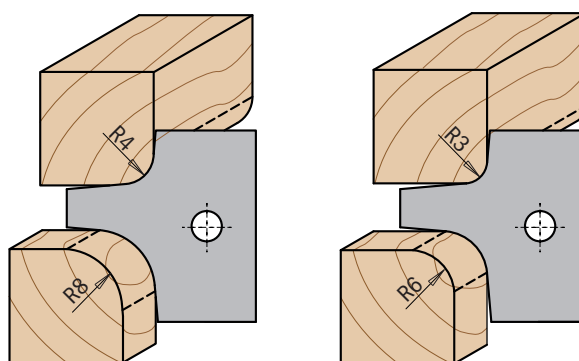
Pair knives 695.003.05



Optional

Pair knives 695.003.04

Pair knives 695.003.03



Drawings are 1:1 scale

Spare parts

D mm	F mm	Z	RPM	ORDER NO.	Pair of knives R=5/10mm	Wedge for knives 22x11x9,5mm	Screw M8x20mm	Hex key 4mm
113	30	2	6700~11000	694.003.30	695.003.05	695.999.22	990.086.00	991.064.00
113	31,75	2	6700~11000	694.003.31	695.003.05	695.999.22	990.086.00	991.064.00
113	35	2	6700~11000	694.003.35	695.003.05	695.999.22	990.086.00	991.064.00
128	40	2	5900~9700	694.003.40	695.003.05	695.999.22	990.086.00	991.064.00
128	50	2	5900~9700	694.003.50	695.003.05	695.999.22	990.086.00	991.064.00

Optional

695.003.04 Pair of profiled knives R=4/8mm (25x24,8x2mm)

695.003.03 Pair of profiled knives R=3/6mm (25x24,8x2mm)

Multiradius roundover cutter head



694.004



Innovative cutter heads supporting two different knives making four radius roundover profiles. The standard cutter head is delivered with knives radius 15 and 20mm; one more knives set is available to make radius 12-18mm. To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect in all materials, but ideal on solid woods and panel materials.

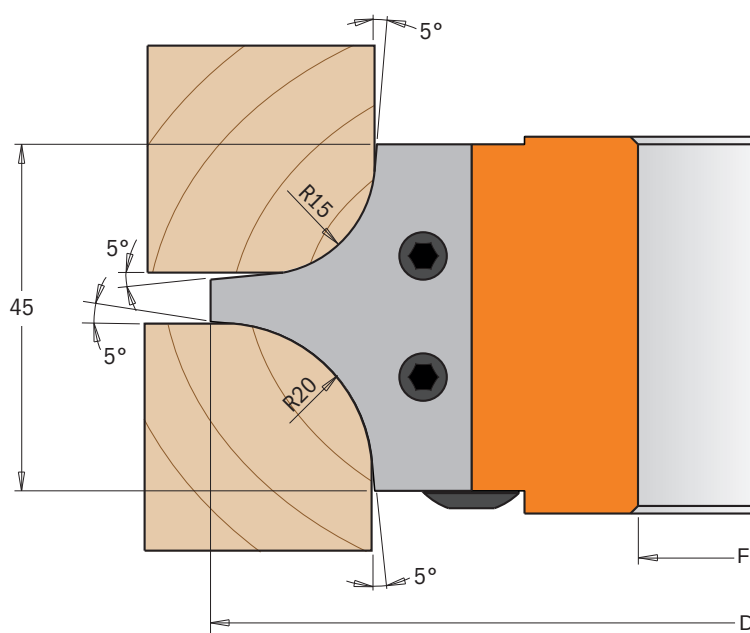
Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives radius 15/20mm (45x34,5x2mm) [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box

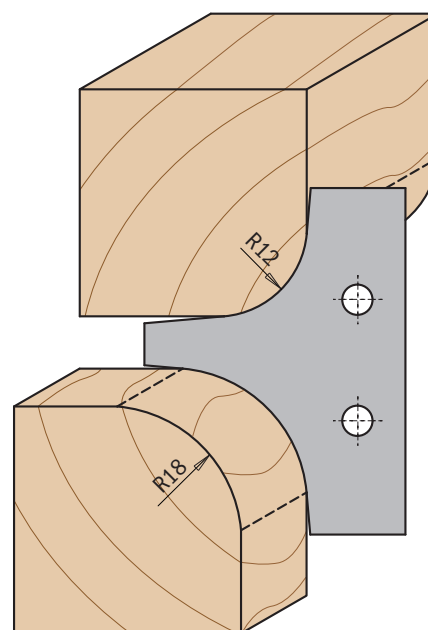
Standard

Pair knives 695.004.15



Optional

Pair knives 695.004.12



Drawings are 1:1 scale

D mm	F mm	Z	RPM	ORDER NO.
132	30	2	5700~9500	694.004.30
132	31,75	2	5700~9500	694.004.31
132	35	2	5700~9500	694.004.35
147	40	2	5100~8500	694.004.40
147	50	2	5100~8500	694.004.50

Spare parts

Pair of knives R=15/50mm	Wedge for knives 42x11x9,5mm	Screw M8x20mm	Hex key 4mm
695.004.15	695.999.42	990.086.00	991.064.00
695.004.15	695.999.42	990.086.00	991.064.00
695.004.15	695.999.42	990.086.00	991.064.00
695.004.15	695.999.42	990.086.00	991.064.00
695.004.15	695.999.42	990.086.00	991.064.00

Optional 695.004.12 Pair of profiled knives R=12/18mm (45x34,5x2mm)

Roundover and cove cutter head



694.007

This cutter head is the perfect tool to make furniture, doors, and drawer fronts that go from simple to elegant by giving them a final touch with a CMT cove bit. Use together with roundover profile and construct perfectly fitting rule joints that are ideal for drop leaf counter and table tops. It supports three different knives making roundover and cove profiles radius 10, 12 and 15mm. To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect in all materials, but ideal on solid woods and panel materials.

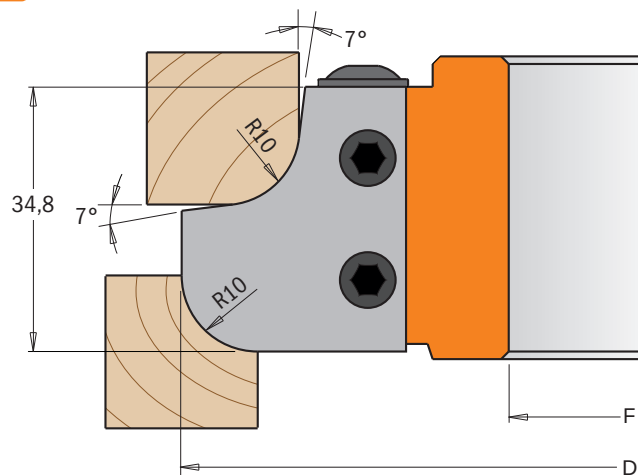
Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives radius 10mm (34,8x29,3x2mm) [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box

Standard

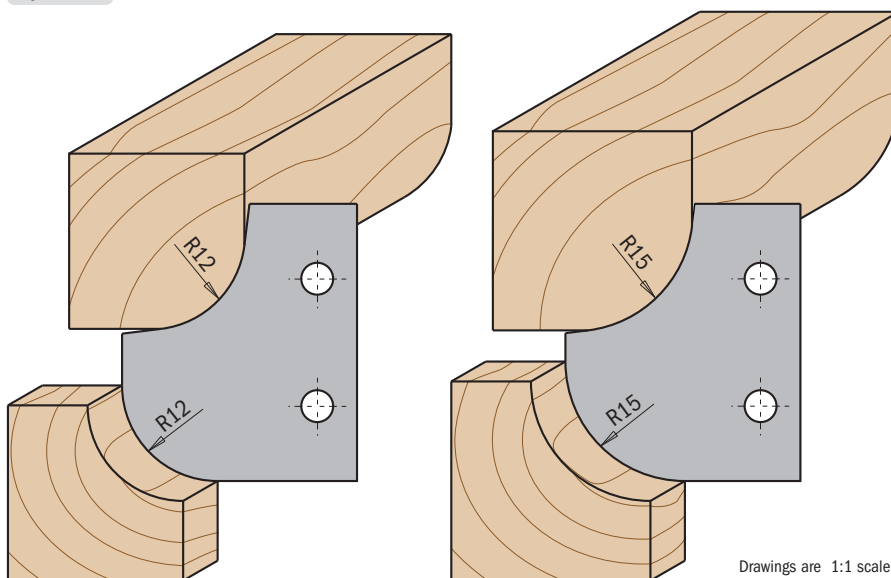
Pair knives 695.007.10



Optional

Pair knives 695.007.12

Pair knives 695.007.15



Drawings are 1:1 scale

D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					Pair of knives R=10mm	Wedge for knives 31x11x9,5mm	Screw M8x20mm	Hex key 4mm
121	30	2	6300~10500	694.007.30	695.007.10	695.999.31	990.086.00	991.064.00
121	31,75	2	6300~10500	694.007.31	695.007.10	695.999.31	990.086.00	991.064.00
121	35	2	6300~10500	694.007.35	695.007.10	695.999.31	990.086.00	991.064.00
136	40	2	5600~9300	694.007.40	695.007.10	695.999.31	990.086.00	991.064.00
136	50	2	5600~9300	694.007.50	695.007.10	695.999.31	990.086.00	991.064.00

Optional
695.007.12 Pair of knives roundover/cove R=12mm (34,8x29,3x2mm)
695.007.15 Pair of knives roundover/cove R=15mm (34,8x29,3x2mm)

Professional finger joint cutter head



694.008

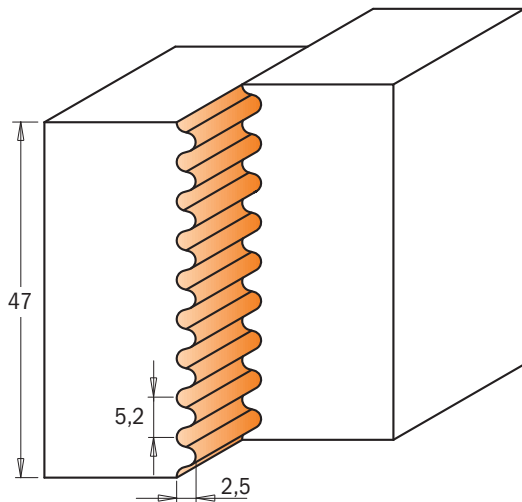
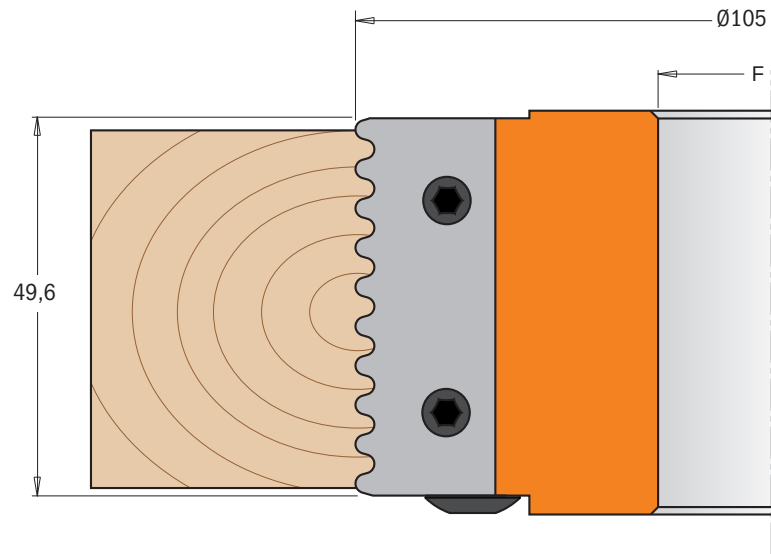


The professional CMT finger joint cutter head lets you make one of the most incredibly strong side-to-side joints in all wood and wood composites. The tightness of the accurately cut joint and the maximum glue surface create a joint that is actually stronger than an unworked piece of wood, in stock with max thickness of 47mm. Ideal for molding manufacturers and furniture makers. To be used in your spindle moulder machines, double-end tenoners and shapers machines. Perfect in all materials, but ideal on solid woods and panel materials.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives 49,6x11,9x1,5mm [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



Drawings are 1:1 scale

D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					Pair of knives 49,6x11,9x1,5mm	Wedge for knives 49x11x9,5mm	Screw M6x16mm	Hex key 3mm
105	30	2	7300~11500	694.008.30	695.008.01	695.999.49	990.066.00	991.067.00
105	31,75	2	7300~11500	694.008.31	695.008.01	695.999.49	990.066.00	991.067.00
105	35	2	7300~11500	694.008.35	695.008.01	695.999.49	990.066.00	991.067.00
105	40	2	7300~11500	694.008.40	695.008.01	695.999.49	990.066.00	991.067.00
105	50	2	7300~11500	694.008.50	695.008.01	695.999.49	990.066.00	991.067.00

Optional parts	695.998.2630	Guide ring Ø50x2,6x30mm
	695.998.2631	Guide ring Ø50x2,6x31,75mm
	695.998.2635	Guide ring Ø55x2,6x35mm
	695.998.2640	Guide ring Ø60x2,6x40mm
	695.998.2650	Guide ring Ø70x2,6x50mm

Reverse glue joint cutter head

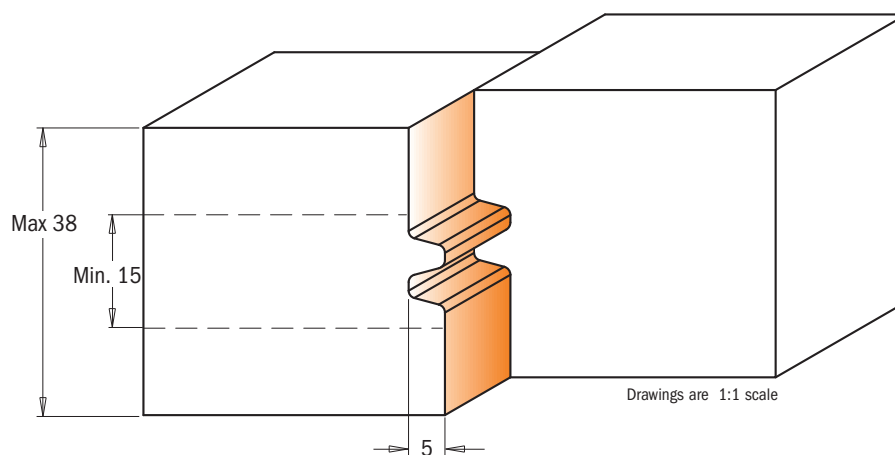
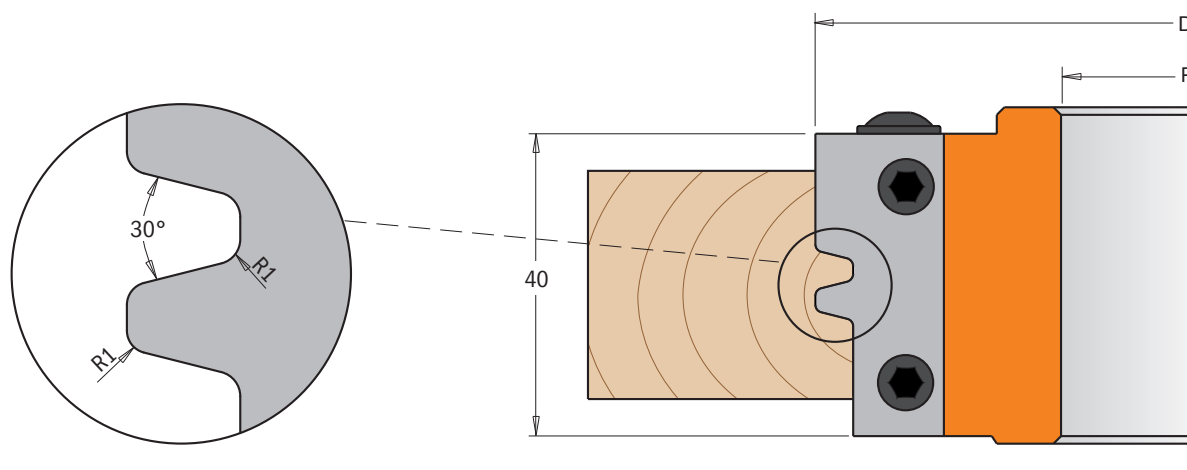
694.009

The most unique and important feature of this CMT cutter head is its capacity to produce an almost indestructible glue joint quickly and without error. Ideal for shaping wide dimension panels, doors and furniture pieces. By accurately centering the cutter head to the wood, the upper and lower vertical cutting edges 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. To be used in your spindle moulder and shaper machines. Perfect in all materials, but ideal on solid woods and panel materials.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives 40x18x2mm [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					Pair of knives 40x18x2mm	Wedge for knives 38x11x9,5mm	Screw M8x20mm	Hex key 4mm
100	30	2	7500~12500	694.009.30	695.009.01	695.999.38	990.086.00	991.064.00
100	31,75	2	7500~12500	694.009.31	695.009.01	695.999.38	990.086.00	991.064.00
100	35	2	7500~12500	694.009.35	695.009.01	695.999.38	990.086.00	991.064.00
120	40	2	6400~10500	694.009.40	695.009.01	695.999.38	990.086.00	991.064.00
120	50	2	6400~10500	694.009.50	695.009.01	695.999.38	990.086.00	991.064.00

45° Lock miter cutter head



694.011

CMT lock miter cutter heads bits are ideal for milling miter joints in max 26mm stock. The quick and easy way to accurately create boxes, stretcher bars, frames and any assortment of right angle or parallel joint projects.

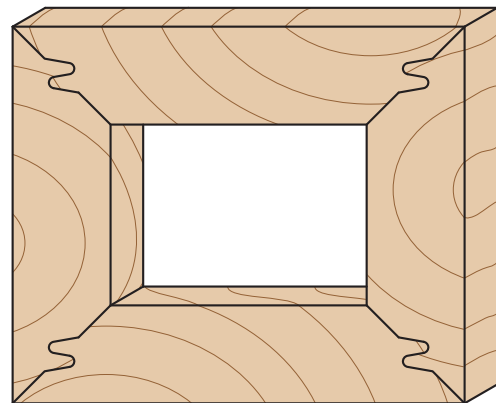
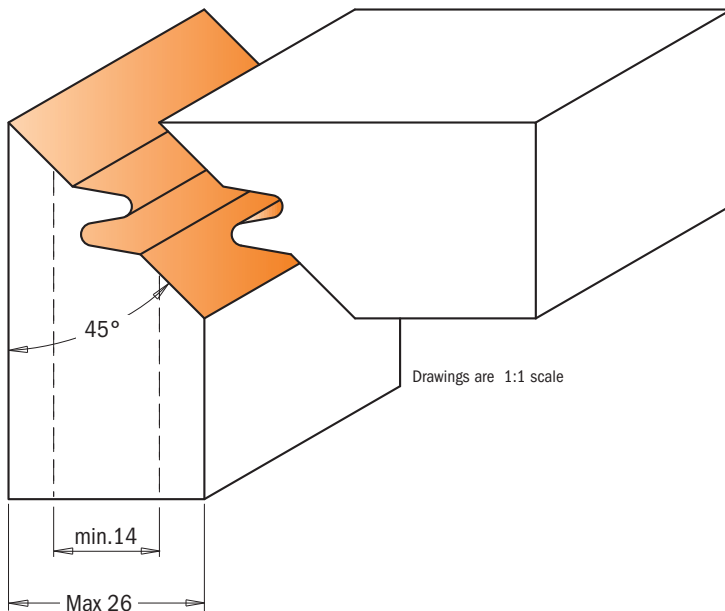
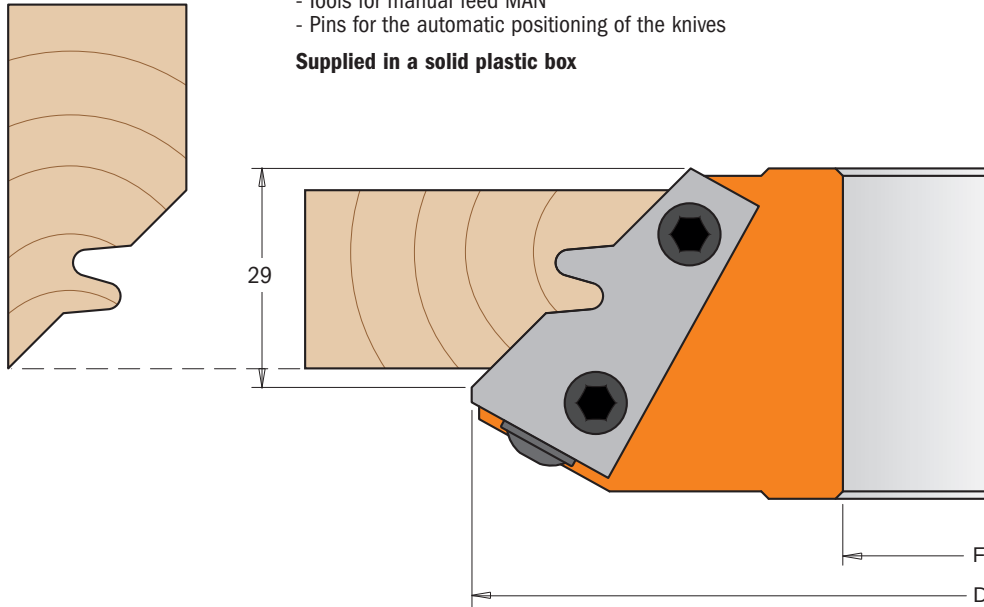
To produce perfectly fitting 45° miter joints in two steps: first with the workpiece in horizontal position and then with the workpiece in vertical position.

To mill sturdy parallel glue joints in two steps: first with the workpiece in horizontal position with the inside face-down and then with the inside face-up. To be used in your spindle moulder and shaper machines. Perfect in all materials, but ideal on solid woods and panel materials.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM knives 43x23x2mm [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



					Spare parts			
D mm	F mm	Z	RPM	ORDER NO.	Pair of knives 43x23x2mm	Wedge for knives 42x11x9,5mm	Screw M8x20mm	Hex key 4mm
140	30	2	5500~9500	694.011.30	695.011.01	695.999.42	990.086.00	991.064.00
140	31,75	2	5500~9500	694.011.31	695.011.01	695.999.42	990.086.00	991.064.00
140	35	2	5500~9500	694.011.35	695.011.01	695.999.42	990.086.00	991.064.00
140	40	2	5500~9500	694.011.40	695.011.01	695.999.42	990.086.00	991.064.00
150	50	2	5100~8800	694.011.50	695.011.01	695.999.42	990.086.00	991.064.00



Technical details:

- Supplied in a solid plastic box**



Spare parts	991.083.00	Hex key 3x95mm
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One piece rail & stile cutter head



694.014

MAN

Z2



This cutter head represents the union of two cutters in one tool and it is the ideal toolheads for the construction of furniture doors and drawers. By simply adjusting the height of the head, you can cut two perfectly joining profiles with no wasted time or effort moving the fence or changing the tool. Save money by investing in a single CMT cutter head and a more efficient production. To be used in your spindle moulders. Perfect for solid woods and panel materials in min. 22mm - max 25mm stock.

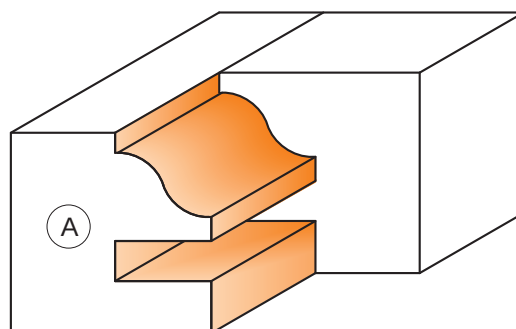
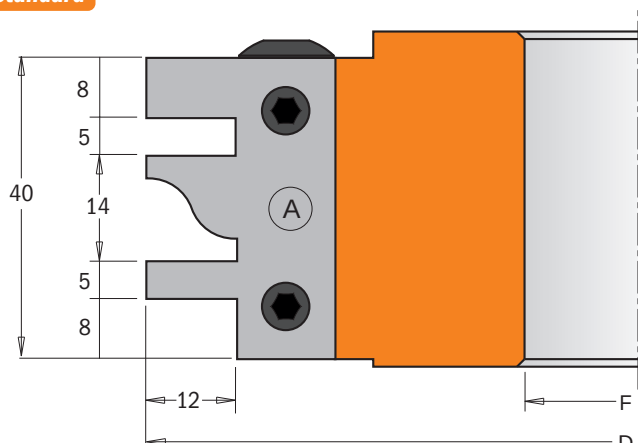
Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress
- 2 HWM Knives type (A) 40x24,5x2mm [Z2]
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box

Standard

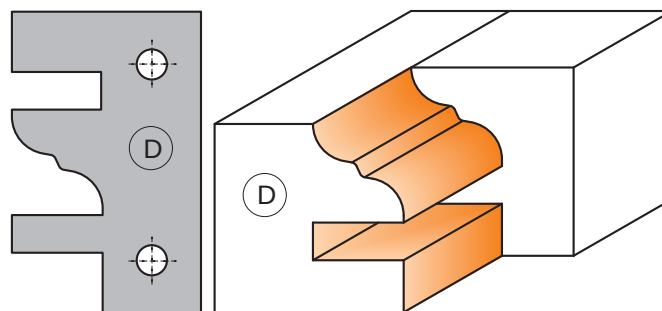
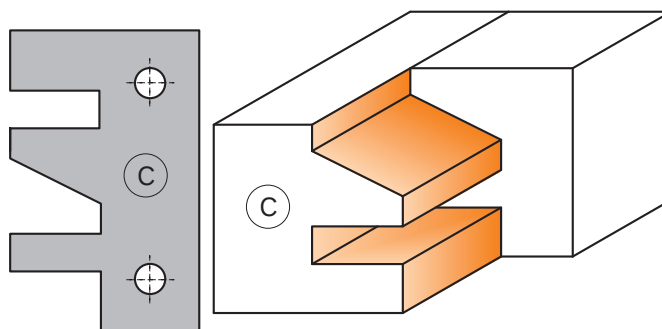
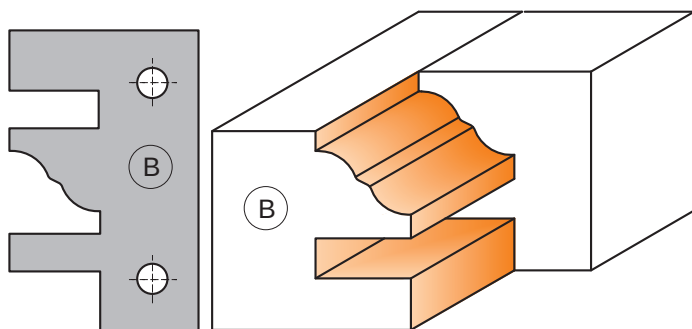
Pair knives 695.014A



Optional

Pair knives 695.014B

Pair knives 695.014C



Pair knives 695.014D

Drawings are 1:1 scale

D mm	F mm	Z	RPM	ORDER NO.	Spare parts			
					Pair of knives 40x24,5x2mm	Wedge for knives 39x11x9,5mm	Screw M6x25mm	Hex key 3mm
120	30	2	6400~10500	694.014.30	695.014A	695.999.39	990.085.00	991.067.00
120	31,75	2	6400~10500	694.014.31	695.014A	695.999.39	990.085.00	991.067.00
120	35	2	6400~10500	694.014.35	695.014A	695.999.39	990.085.00	991.067.00
120	40	2	6400~10500	694.014.40	695.014A	695.999.39	990.085.00	991.067.00
130	50	2	5900~9700	694.014.50	695.014A	695.999.39	990.085.00	991.067.00

Optional	695.014B	Pair of knives type (B) 40x24,5x2mm
	695.014C	Pair of knives type (C) 40x24,5x2mm
	695.014D	Pair of knives type (D) 40x24,5x2mm



694.015

The set has been designed to produce furniture and room doors in soft and hard wood. It offers the versatility to mount five different knives producing the most popular classical profiles.

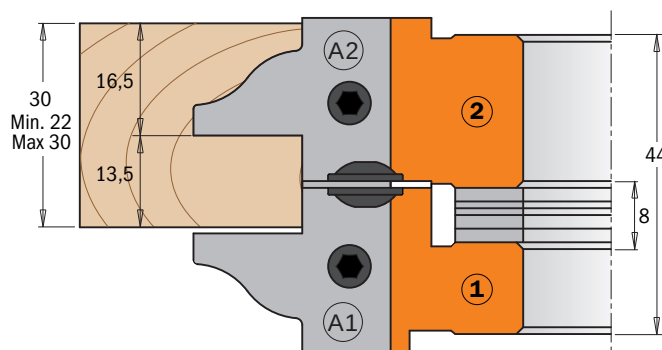
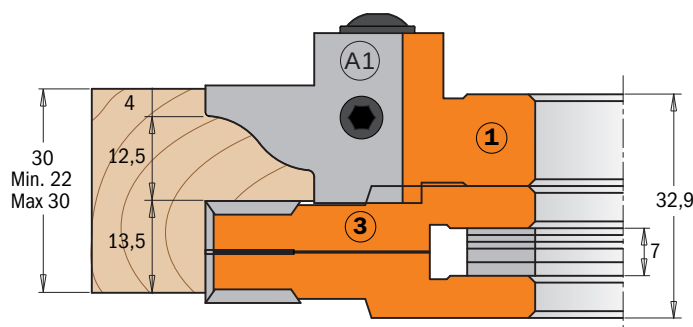
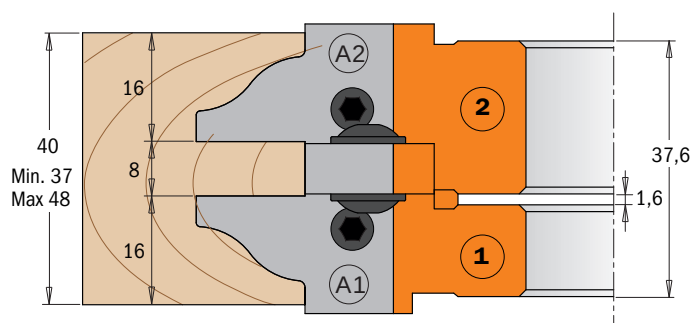
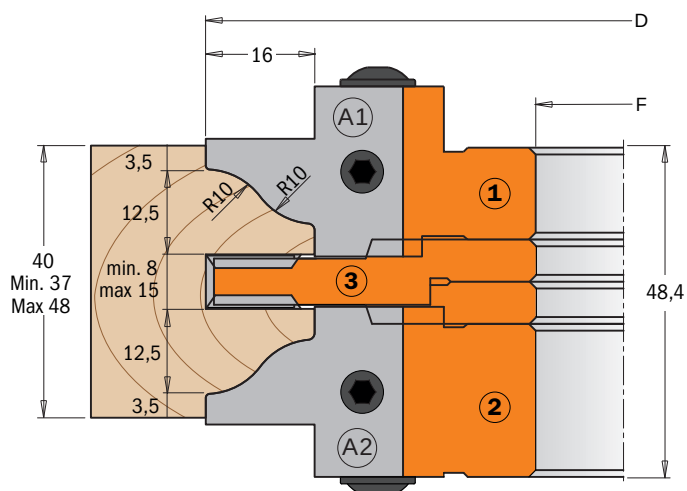
The adjustable groover included in the set can also be used individually for carrying out 8 to 15mm thick adjustable grooves. To be used in your spindle moulders.

Perfect for solid woods and panel materials in max 48mm stock.

Technical details:

- Hard aluminium alloy body with high resistance to tensile and yield stress for type (1 & 2)
- Super-strength steel body for heads type (3)
- 2 HWM knives type (A1) 25x29,8x2mm [Z2]
- 2 HWM knives type (A2) 25x29,8x2mm [Z2]
- 4 HWM knives 7,65x12x1,5mm [Z4]
- 4 HWM knives 14x14x2mm [V4]
- 12 spacer rings from 0,1 to 3 mm for heads type (1 & 2)
- 12 spacer rings from 0,1 to 2 mm for heads type (3)
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives

Supplied in a solid plastic box



Spare parts

Spare parts						
D mm	F mm	Z + V	RPM	ORDER NO.	Spacer Set without pin hole	Spacer Set with pin hole
132	30	2+2	5700~9500	694.015.30	695.998.01	695.998.21
132	31,75	2+2	5700~9500	694.015.31	695.998.02	695.998.22
132	35	2+2	5700~9500	694.015.35	695.998.03	695.998.23
147	40	2+2	5100~8500	694.015.40	695.998.04	695.998.24
147	50	2+2	5100~8500	694.015.50	695.998.05	695.998.25

Spare parts

Head type (1)

695.015.A1	Pair of knives HWM A1 25x29,8x2mm
695.015.B1	Pair of knives HWM B1 25x29,8x2mm
695.015.C1	Pair of knives HWM C1 25x29,8x2mm
695.015.D1	Pair of knives HWM D1 25x29,8x2mm
695.015.E1	Pair of knives HWM E1 25x29,8x2mm
695.999.23	Wedge for knives 23x11x9,5mm
990.084.00	Screw M6x20mm

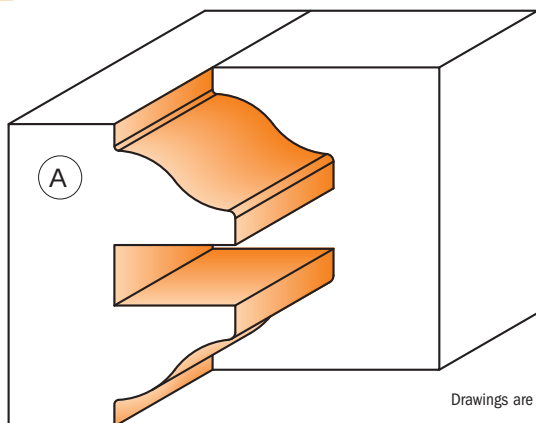
Head type (2)

695.015.A2	Pair of knives HWM A2 25x29,8x2mm
695.015.B2	Pair of knives HWM B2 25x29,8x2mm
695.015.C2	Pair of knives HWM C2 25x29,8x2mm
695.015.D2	Pair of knives HWM D2 25x29,8x2mm
695.015.E2	Pair of knives HWM E2 25x29,8x2mm
695.999.24	Wedge for knives 23x11x9,5mm
990.084.00	Screw M6x20mm

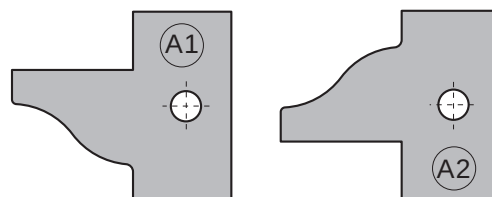
Head type (3)

790.076.00	HWM Knives 7,65x12x1,5mm
695.999.07	Wedge for knives 6,8x11x9,5mm
990.063.00	Screw M5x18mm
790.140.00	HWM Knives 14x14x2mm
990.080.00	Screw M5x6,5mm
991.061.00	Hex key T15
991.072.00	Hex key T20

Standard



Drawings are 1:1 scale



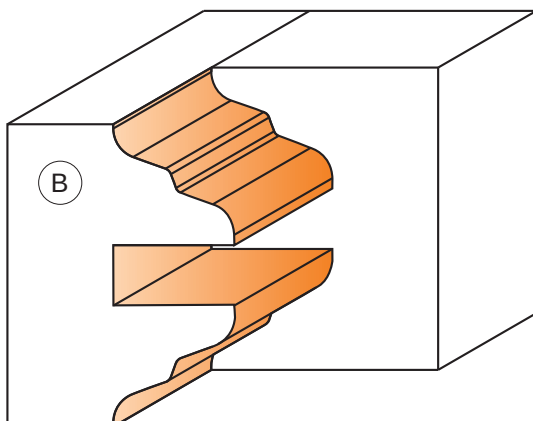
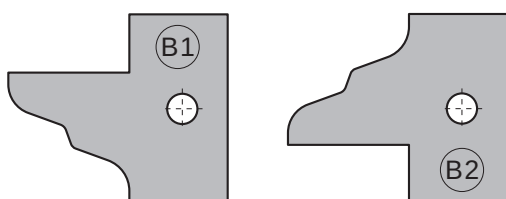
Pair knives 695.015.A1

Pair knives 695.015.A2

Optional

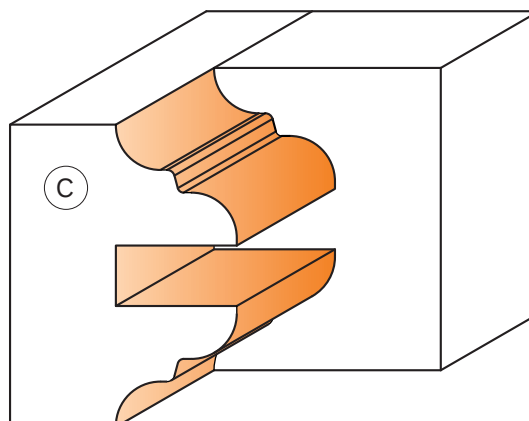
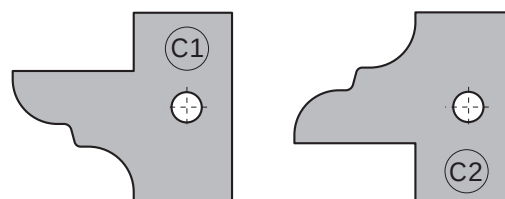
Pair knives 695.015.B1

Pair knives 695.015.B2



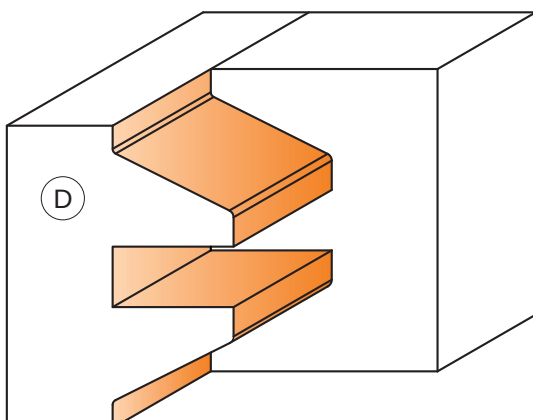
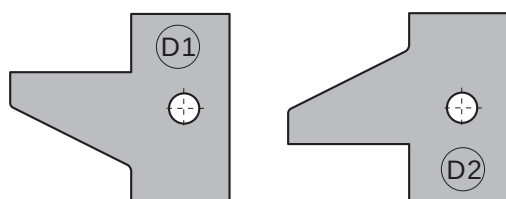
Pair knives 695.015.C1

Pair knives 695.015.C2



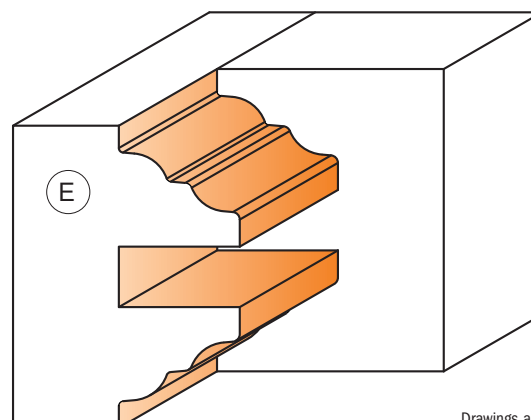
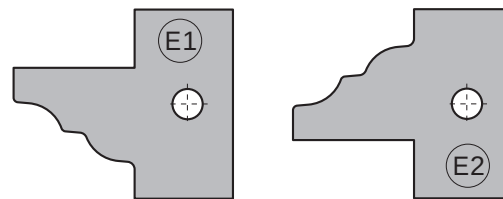
Pair knives 695.015.D1

Pair knives 695.015.D2



Pair knives 695.015.E1

Pair knives 695.015.E2



Drawings are 1:1 scale

Cutter heads without limitors



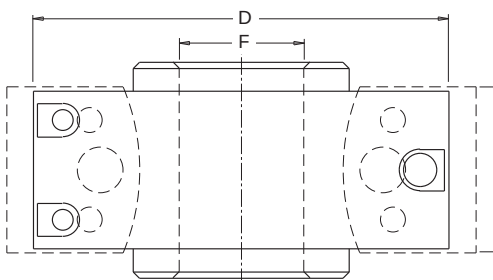
692

CMT cutter heads guarantee a perfect execution for all of your projects. To use on all types of moulder and spindle moulder machines.

Technical details:

- Cutter head in hard aluminium alloy with high resistance to tensile and yield stress without limitors
- Pair of universal straight knives
- Tools for mechanical feed MEC
- Pins for the automatic positioning of the knives and the limitors
- Possibility to use knives with a height of 40mm or 50mm (order no. 690)

- Solid plastic box to fit up to 12 couples of knives or limitors



D mm	I mm	F mm	RPM	ORDER NO.		Spare parts			
				Steel body	Alu body	Wedge (Steel) 38x22,5x13mm	Wedge (Alu) 38x15x16mm	Screw STEI M8x16mm	Hex key 4mm
78	40	19,05	7000~9000		692.078.19*		692.999.01	990.064.00	991.064.00
78	40	30	7000~9000		692.078.30*		692.999.01	990.064.00	991.064.00
100	40-50	25,4	5800~9000		692.100.26		692.999.01	990.064.00	991.064.00
100	40-50	30	5800~9000	692.101.30	692.100.30	692.999.02	692.999.01	990.064.00	991.064.00
100	40-50	31,75	5800~9000		692.100.31		692.999.01	990.064.00	991.064.00
100	40-50	35	5800~9000	692.101.35	692.100.35	692.999.02	692.999.01	990.064.00	991.064.00
120	40-50	50	5100~7900	692.121.50	692.120.50	692.999.02	692.999.01	990.064.00	991.064.00

*For safety reasons we recommend the use of knives with a 40mm height only.

Cutter heads with limitors



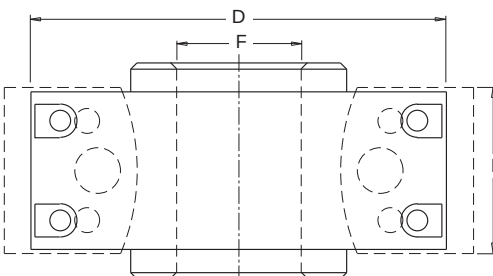
693

CMT cutter heads guarantee a perfect execution for all of your projects. To use on all types of moulder and spindle moulder machines.

Technical characteristics:

- Cutter head in hard aluminium alloy with high resistance to tensile and yield stress with limitors
- Pair of universal straight knives and limitors
- Tools for manual feed MAN
- Pins for the automatic positioning of the knives and the limitors
- Possibility to use knives with a height of 40mm or 50mm (order no. 690) and limitors (order no. 691)
- **Built according to the European Normative EN 847-1**

- Solid plastic box to fit up to 12 couples of knives or limitors



D mm	I mm	F mm	RPM	ORDER NO.		Spare parts			
				Steel body	Alu body	Wedge (Steel) 38x28x12,5mm	Wedge (Alu) 38x26x13mm	Screw STEI M8x12	Hex key 4mm
78	40	30	7000~9000	693.078.30		693.999.02		990.065.00	991.064.00
100	40-50	30	5800~9000	693.101.30	693.100.30	693.999.02	693.999.01	990.065.00	991.064.00
100	40-50	31,75	5800~9000		693.100.31		693.999.01	990.065.00	991.064.00
100	40-50	35	5800~9000	693.101.35	693.100.35	693.999.02	693.999.01	990.065.00	991.064.00
120	40-50	50	5100~7900	693.121.50	693.120.50	693.999.02	693.999.01	990.065.00	991.064.00

13 Piece cutter head multiprofile set



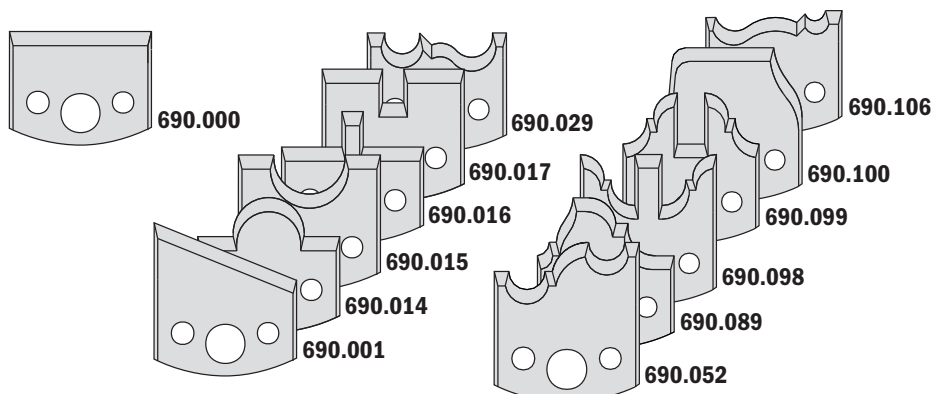
692



CMT has selected 13 profiles for the professional woodworker. The set in fact is designed to make joints and frames, and contains 3 essential profiles for the production of kitchen doors. CMT's special construction of the cutter head allows the use of knives with a height of either 40mm or 50mm. We have stored them in a solid plastic box to protect the tools from **accidental** breakage.

The set includes:

1 cutter head in hard aluminium alloy with pins for the automatic positioning of the knives
13 pairs of knives with a cutting height of 40mm (see illustration below).



D mm	I mm	F mm	RPM	ORDER NO.	Spare parts		
					Wedge (Alu) 38x15x16mm	Screw STEI M8x16mm	Hex key 4mm
78	40	19,05	7000~9000	692.013.09	692.999.01	990.064.00	991.064.00
78	40	30	7000~9000	692.013.01	692.999.01	990.064.00	991.064.00
100	40	25,4	5800~9000	692.013.10	692.999.01	990.064.00	991.064.00
100	40	30	5800~9000	692.013.02	692.999.01	990.064.00	991.064.00
100	40	31,75	5800~9000	692.013.11	692.999.01	990.064.00	991.064.00
100	40	35	5800~9000	692.013.03	692.999.01	990.064.00	991.064.00
120	40	50	5100~7900	692.013.04	692.999.01	990.064.00	991.064.00



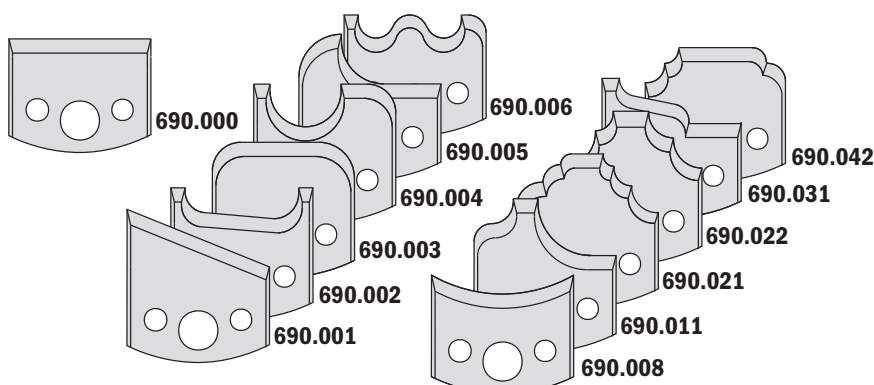
692



CMT has selected 13 profiles for the professional woodworker. The set in fact is designed to make joints and frames, multiprofiles, moldings and chamfers. CMT's special construction of the cutter head allows the use of knives with a height of either 40mm or 50mm. We have stored them in a solid plastic box to protect the tools from accidental breakage.

The set includes:

1 cutter head in hard aluminium alloy with pins for the automatic positioning of the knives
13 pairs of knives with a cutting height of 40mm (see illustration below).



D mm	I mm	F mm	RPM	ORDER NO.	Spare parts		
					Wedge (Alu) 38x15x16mm	Screw STEI M8x16mm	Hex key 4mm
78	40	19,05	7000~9000	692.013.12	692.999.01	990.064.00	991.064.00
78	40	30	7000~9000	692.013.05	692.999.01	990.064.00	991.064.00
100	40	25,4	5800~9000	692.013.13	692.999.01	990.064.00	991.064.00
100	40	30	5800~9000	692.013.06	692.999.01	990.064.00	991.064.00
100	40	31,75	5800~9000	692.013.14	692.999.01	990.064.00	991.064.00
100	40	35	5800~9000	692.013.07	692.999.01	990.064.00	991.064.00
120	40	50	5100~7900	692.013.08	692.999.01	990.064.00	991.064.00

7 Piece cutter head multiprofile set with limitors



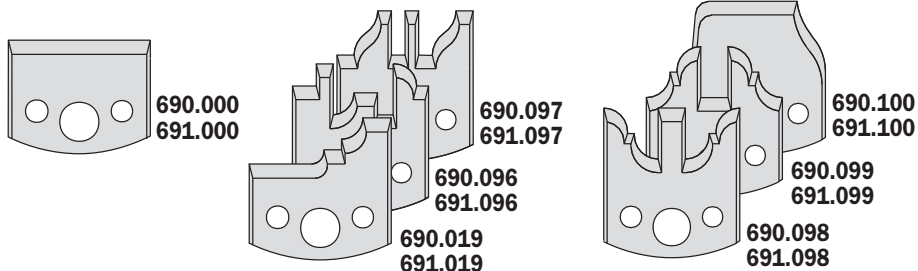
693

CMT has selected 7 profiles for the professional woodworker. The set in fact is designed to make kitchen doors with a horizontal profile, and contains two pairs of cutters for male and female joints. CMT's special construction of the cutter head allows the use of knives with a height of either 40mm or 50mm.

The cutter head has safety limitors and it is built according to the European normative EN 847-1. We have packaged them in a solid plastic box to protect the tools from accidental breakage.

The set includes:

- 1 cutter head in hard aluminium alloy with straight knife and limitor and with pins for the automatic positioning of the knives
- 7 pairs of knives with 40mm of cutting height as seen in illustration below.
- 7 pairs of relative limitors.



D mm	I mm	F mm	RPM	ORDER NO.	Spare parts		
100	40	30	5800~9000	693.013.01	Wedge 38x26x13mm	Screw STEI M8x12mm	Hex key 4mm
100	40	35	5800~9000	693.013.02	693.999.01	990.065.00	991.064.00
120	40	50	5100~7900	693.013.03	693.999.01	990.065.00	991.064.00



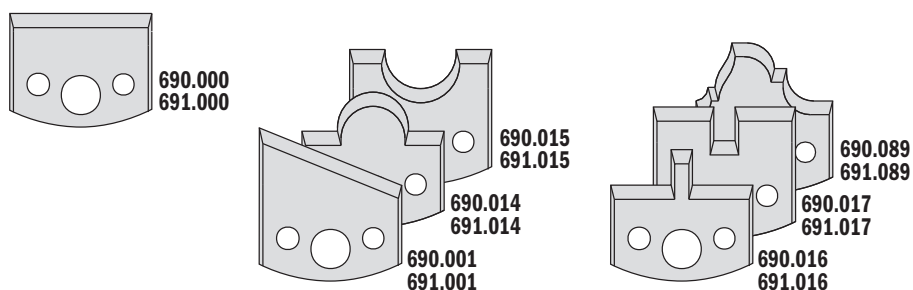
693

CMT has selected 7 profiles for the professional woodworker. The set in fact is designed to make joints, frames and chamfers. CMT's special construction of the cutter head allows the use of knives with a height of either 40mm or 50mm.

The cutter head has safety limitors and it is built according to the European normative EN 847-1. We have packaged them in a solid plastic box to protect the tools from accidental breakage.

The set includes:

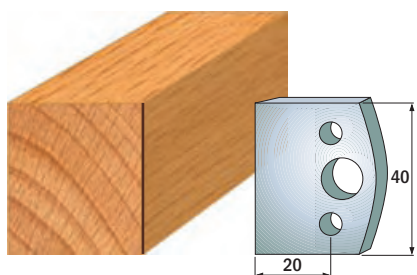
- 1 cutter head in hard aluminium alloy with straight knife and limitor and with pins for the automatic positioning of the knives
- 7 pairs of knives with 40mm of cutting height as seen in illustration below.
- 7 pairs of relative limitors.



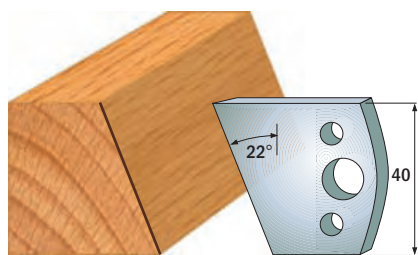
D mm	I mm	F mm	RPM	ORDER NO.	Spare parts		
100	40	30	5800~9000	693.013.04	Wedge 38x26x13mm	Screw STEI M8x12mm	Hex key 4mm
100	40	35	5800~9000	693.013.05	693.999.01	990.065.00	991.064.00
120	40	50	5100~7900	693.013.06	693.999.01	990.065.00	991.064.00

Profile knives and limitors

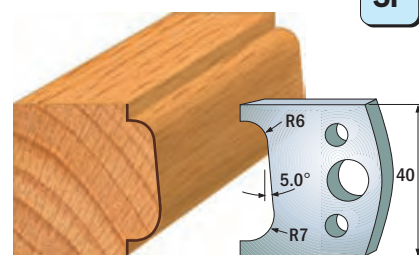
Cutting length=40mm Thickness=4mm



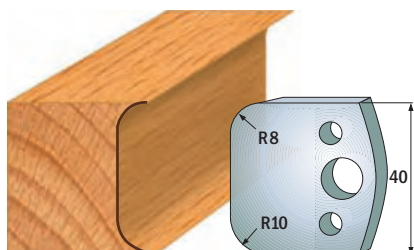
Pair of knives **690.000**
Pair of limitors **691.000**



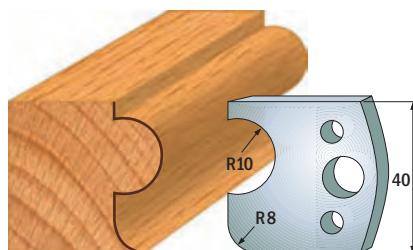
Pair of knives **690.001**
Pair of limitors **691.001**



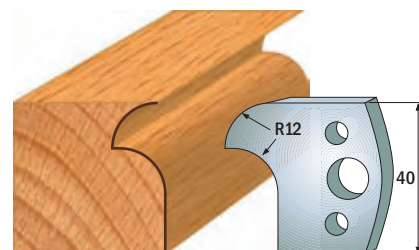
Pair of knives **690.002**
Pair of limitors **691.002**



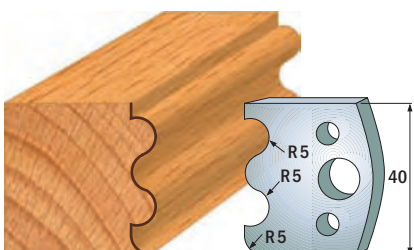
Pair of knives **690.003**
Pair of limitors **691.003**



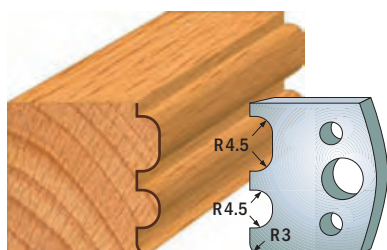
Pair of knives **690.004**
Pair of limitors **691.004**



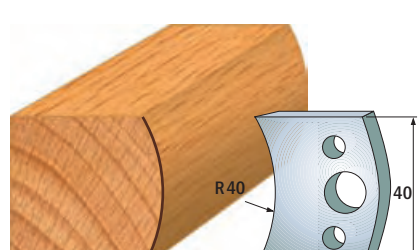
Pair of knives **690.005**
Pair of limitors **691.005**



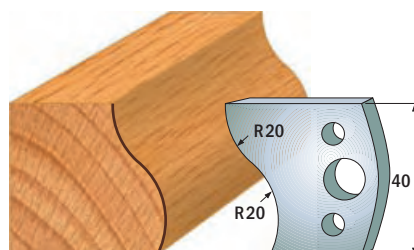
Pair of knives **690.006**
Pair of limitors **691.006**



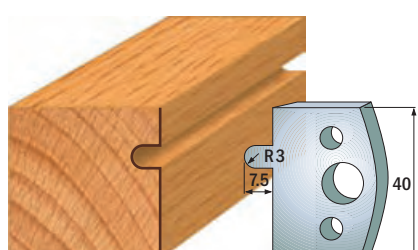
Pair of knives **690.007**
Pair of limitors **691.007**



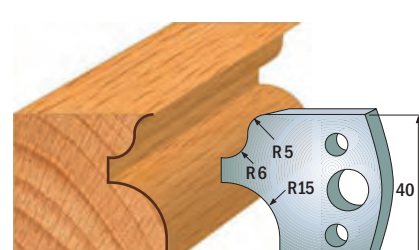
Pair of knives **690.008**
Pair of limitors **691.008**



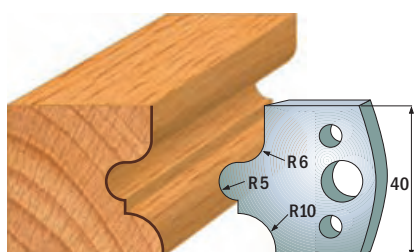
Pair of knives **690.009**
Pair of limitors **691.009**



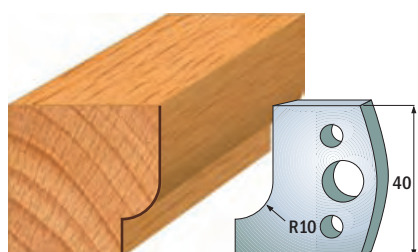
Pair of knives **690.010**
Pair of limitors **691.010**



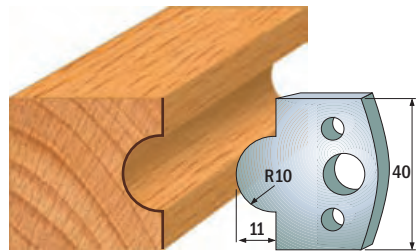
Pair of knives **690.011**
Pair of limitors **691.011**



Pair of knives **690.012**
Pair of limitors **691.012**



Pair of knives **690.013**
Pair of limitors **691.013**



Pair of knives **690.014**
Pair of limitors **691.014**

Note: all knives and limitors only available in pairs

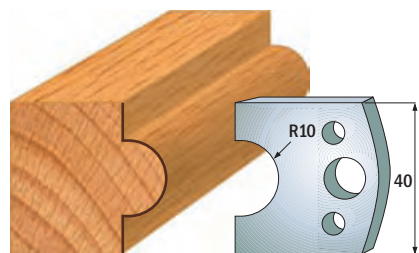
Drawings are 1:2 scale

Dimensions in mm.

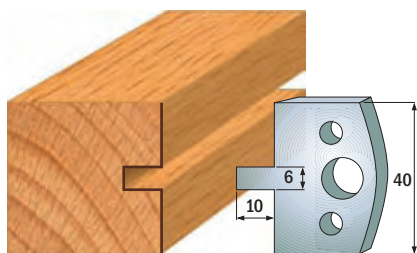
Profile knives and limitors

Cutting length=40mm

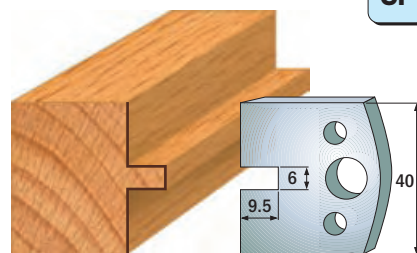
Thickness=4mm



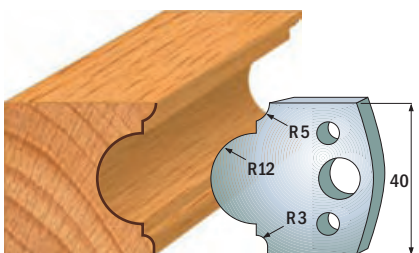
Pair of knives **690.015**
Pair of limitors **691.015**



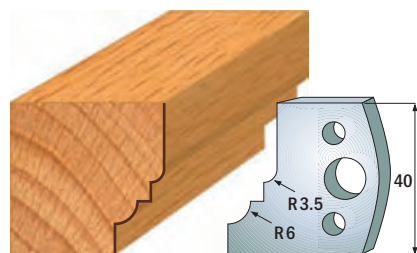
Pair of knives **690.016**
Pair of limitors **691.016**



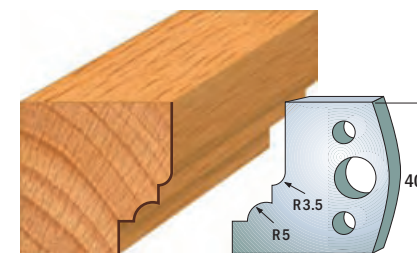
Pair of knives **690.017**
Pair of limitors **691.017**



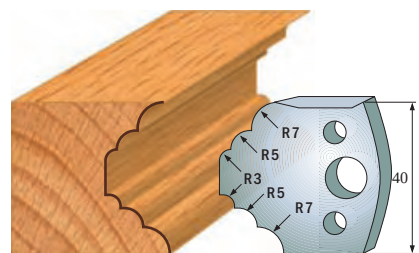
Pair of knives **690.018**
Pair of limitors **691.018**



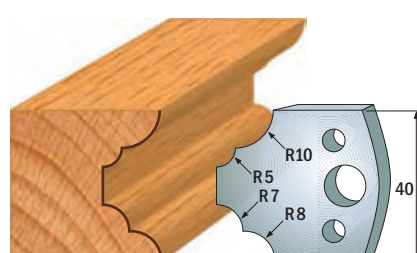
Pair of knives **690.019**
Pair of limitors **691.019**



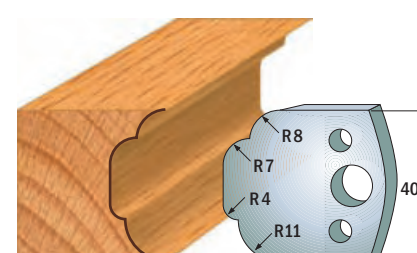
Pair of knives **690.020**
Pair of limitors **691.020**



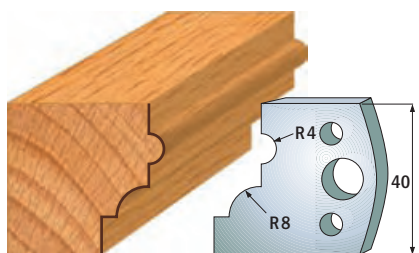
Pair of knives **690.021**
Pair of limitors **691.021**



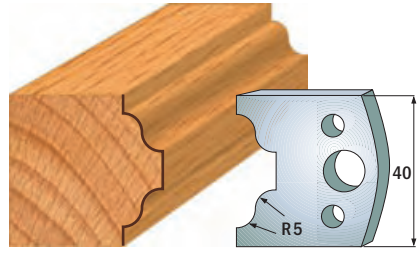
Pair of knives **690.022**
Pair of limitors **691.022**



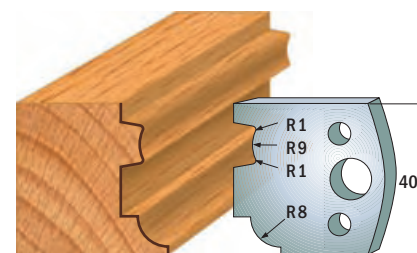
Pair of knives **690.023**
Pair of limitors **691.023**



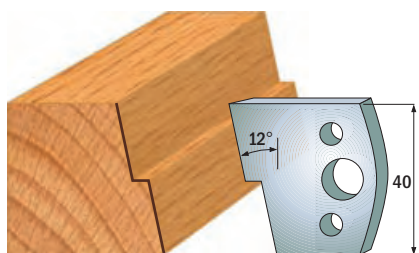
Pair of knives **690.024**
Pair of limitors **691.024**



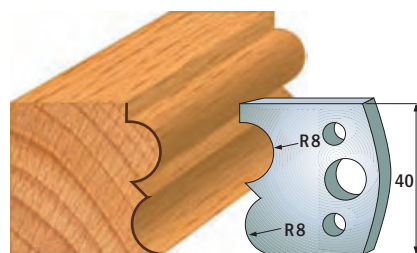
Pair of knives **690.025**
Pair of limitors **691.025**



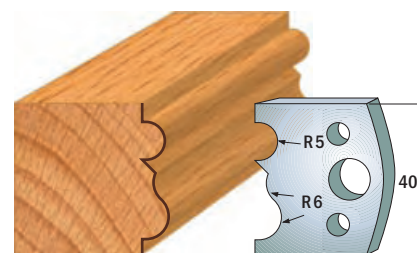
Pair of knives **690.026**
Pair of limitors **691.026**



Pair of knives **690.027**
Pair of limitors **691.027**



Pair of knives **690.028**
Pair of limitors **691.028**



Pair of knives **690.029**
Pair of limitors **691.029**

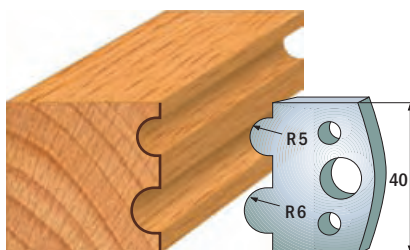
Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

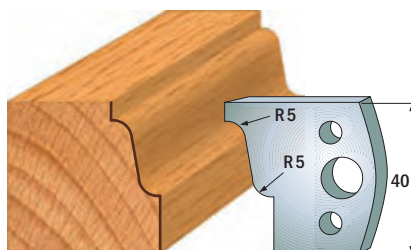
Dimensions in mm.

Profile knives and limitors

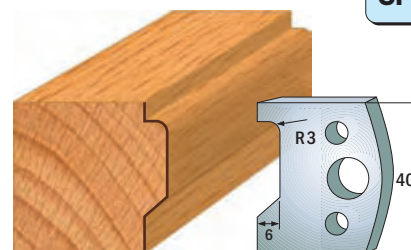
Cutting length=40mm Thickness=4mm



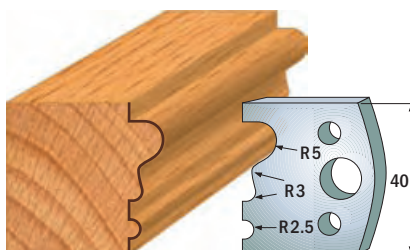
Pair of knives **690.030**
Pair of limitors **691.030**



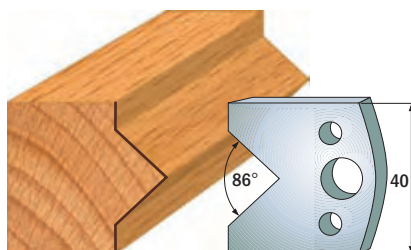
Pair of knives **690.031**
Pair of limitors **691.031**



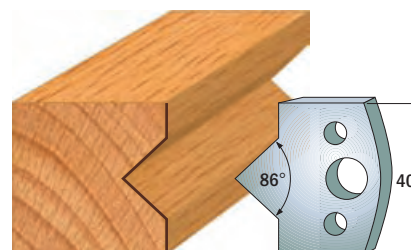
Pair of knives **690.032**
Pair of limitors **691.032**



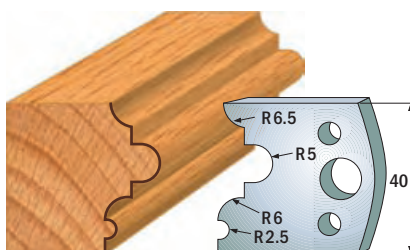
Pair of knives **690.033**
Pair of limitors **691.033**



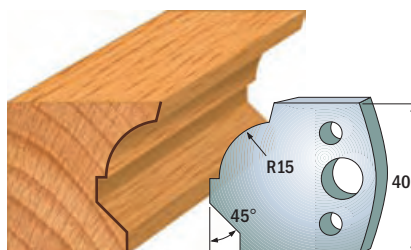
Pair of knives **690.034**
Pair of limitors **691.034**



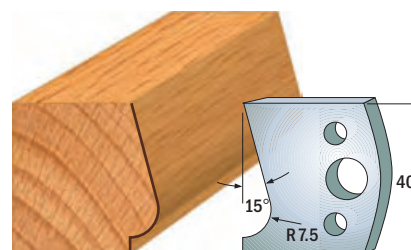
Pair of knives **690.035**
Pair of limitors **691.035**



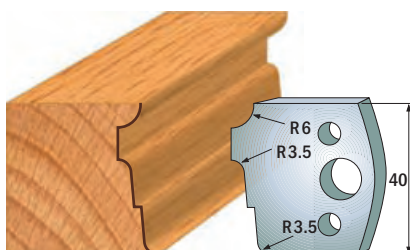
Pair of knives **690.036**
Pair of limitors **691.036**



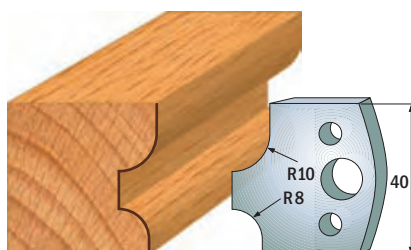
Pair of knives **690.037**
Pair of limitors **691.037**



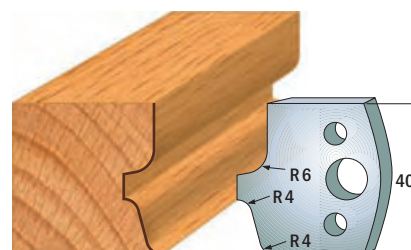
Pair of knives **690.038**
Pair of limitors **691.038**



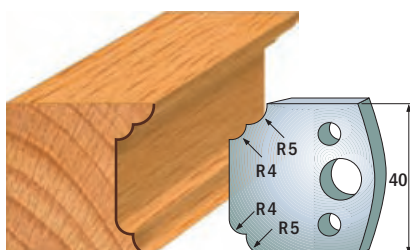
Pair of knives **690.039**
Pair of limitors **691.039**



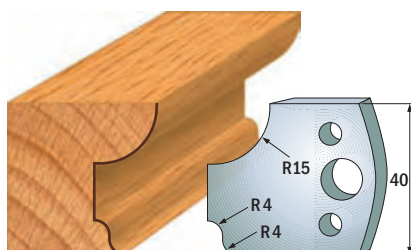
Pair of knives **690.040**
Pair of limitors **691.040**



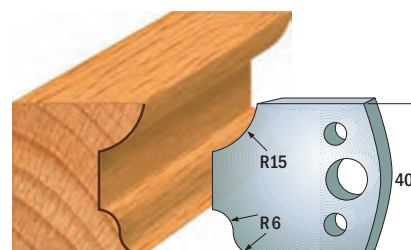
Pair of knives **690.041**
Pair of limitors **691.041**



Pair of knives **690.042**
Pair of limitors **691.042**



Pair of knives **690.043**
Pair of limitors **691.043**



Pair of knives **690.044**
Pair of limitors **691.044**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

Dimensions in mm.

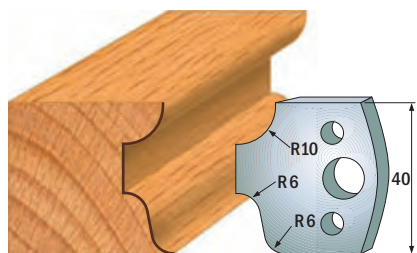
Profile knives and limitors

Cutting length=40mm

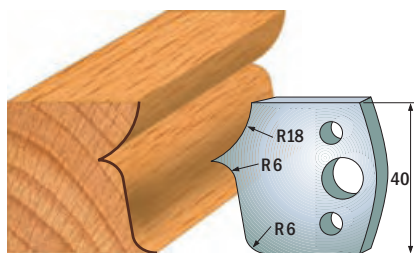
Thickness=4mm

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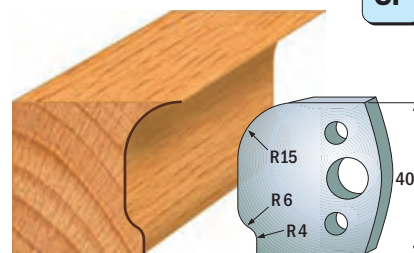
SP



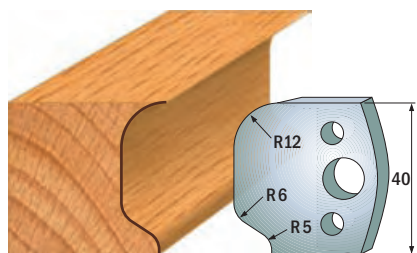
Pair of knives **690.045**
Pair of limitors **691.045**



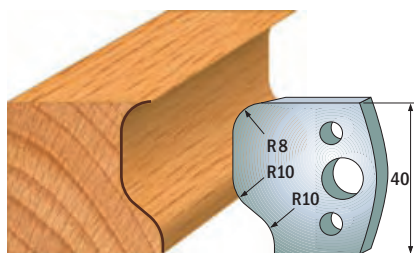
Pair of knives **690.046**
Pair of limitors **691.046**



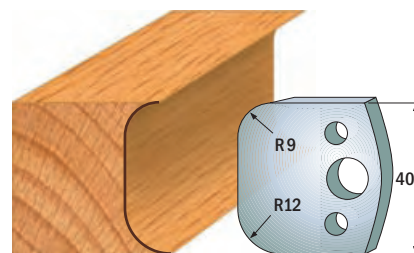
Pair of knives **690.047**
Pair of limitors **691.047**



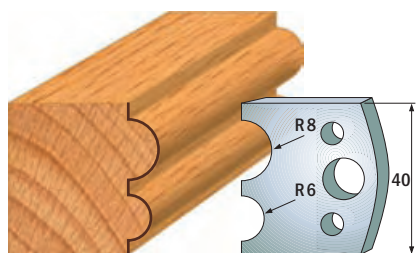
Pair of knives **690.048**
Pair of limitors **691.048**



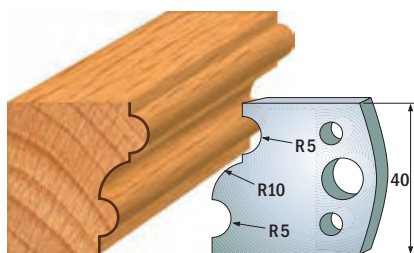
Pair of knives **690.049**
Pair of limitors **691.049**



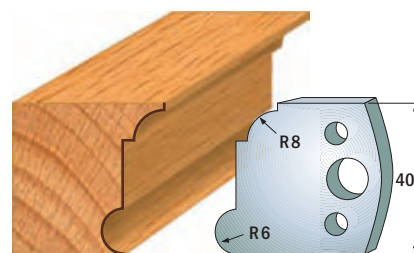
Pair of knives **690.050**
Pair of limitors **691.050**



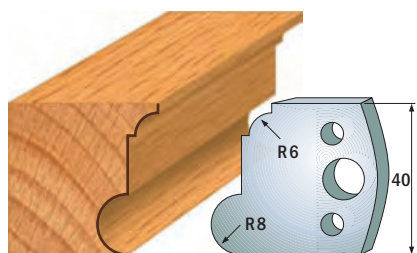
Pair of knives **690.051**
Pair of limitors **691.051**



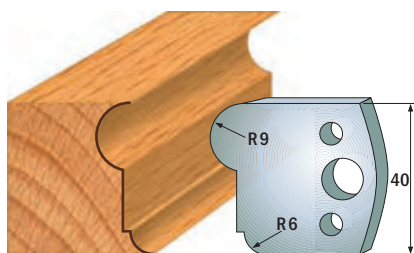
Pair of knives **690.052**
Pair of limitors **691.052**



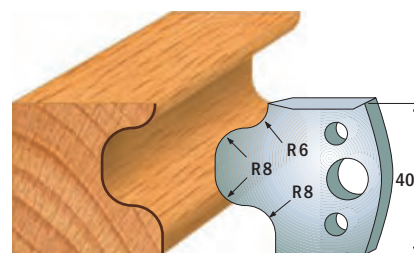
Pair of knives **690.053**
Pair of limitors **691.053**



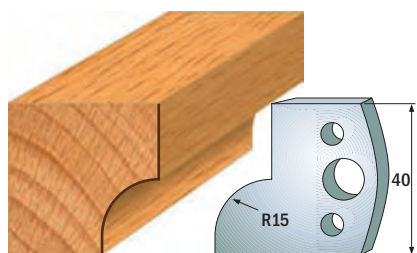
Pair of knives **690.054**
Pair of limitors **691.054**



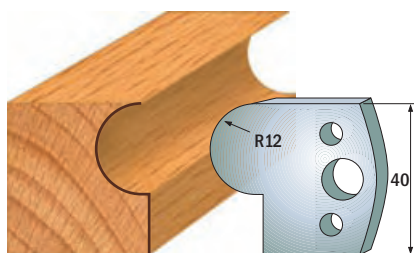
Pair of knives **690.055**
Pair of limitors **691.055**



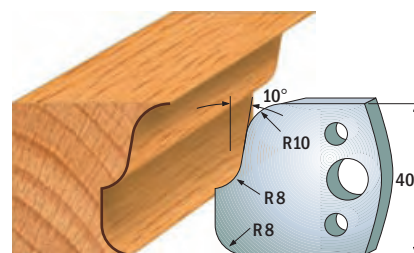
Pair of knives **690.056**
Pair of limitors **691.056**



Pair of knives **690.057**
Pair of limitors **691.057**



Pair of knives **690.058**
Pair of limitors **691.058**



Pair of knives **690.059**
Pair of limitors **691.059**

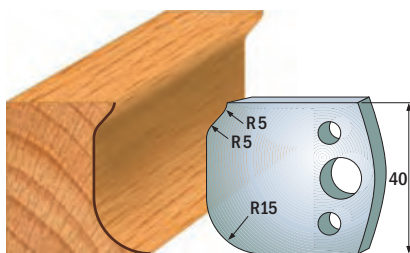
Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

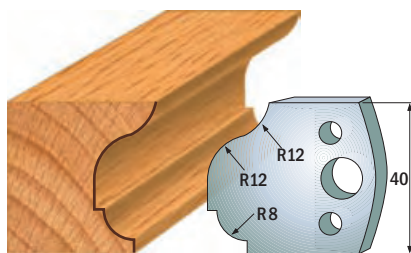
Dimensions in mm.

Profile knives and limitors

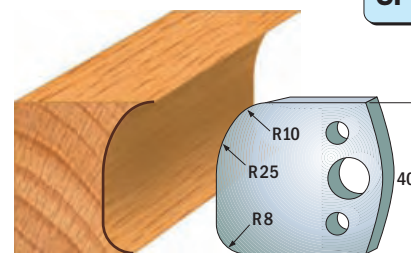
Cutting length=40mm Thickness=4mm



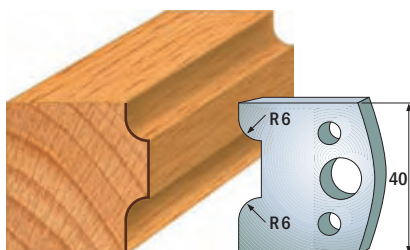
Pair of knives **690.060**
Pair of limitors **691.060**



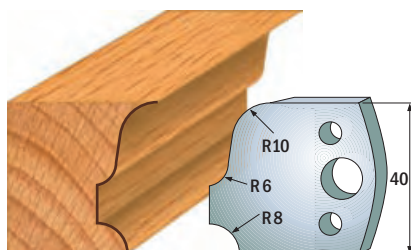
Pair of knives **690.061**
Pair of limitors **691.061**



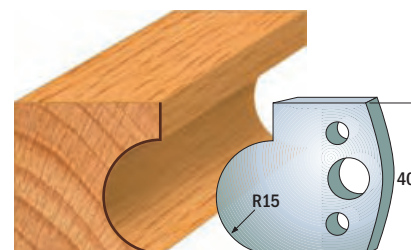
Pair of knives **690.062**
Pair of limitors **691.062**



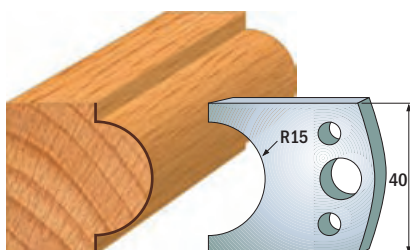
Pair of knives **690.063**
Pair of limitors **691.063**



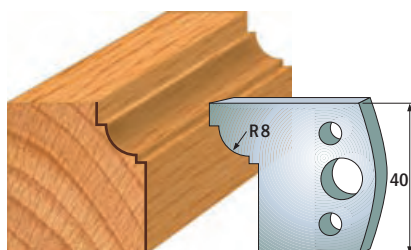
Pair of knives **690.064**
Pair of limitors **691.064**



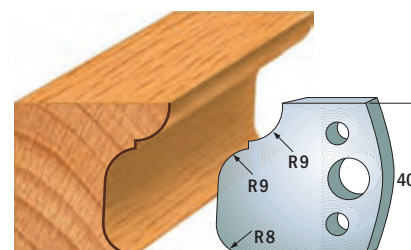
Pair of knives **690.065**
Pair of limitors **691.065**



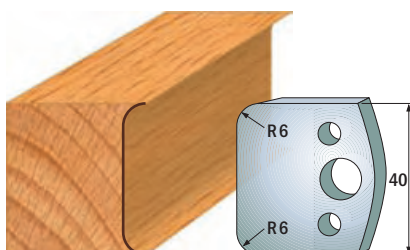
Pair of knives **690.066**
Pair of limitors **691.066**



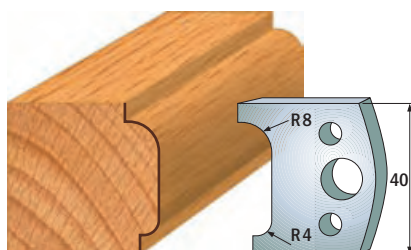
Pair of knives **690.067**
Pair of limitors **691.067**



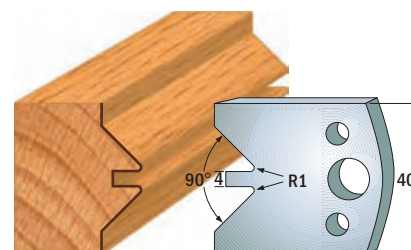
Pair of knives **690.068**
Pair of limitors **691.068**



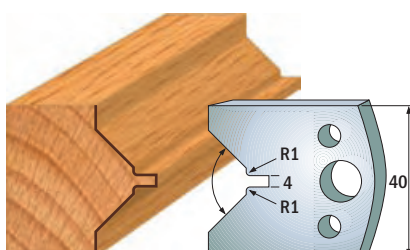
Pair of knives **690.069**
Pair of limitors **691.069**



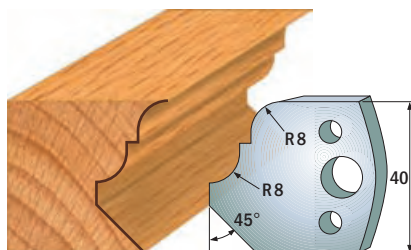
Pair of knives **690.070**
Pair of limitors **691.070**



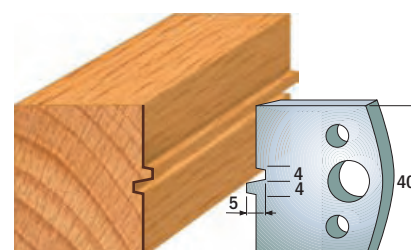
Pair of knives **690.071**
Pair of limitors **691.071**



Pair of knives **690.072**
Pair of limitors **691.072**



Pair of knives **690.073**
Pair of limitors **691.073**



Pair of knives **690.074**
Pair of limitors **691.074**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

Dimensions in mm.

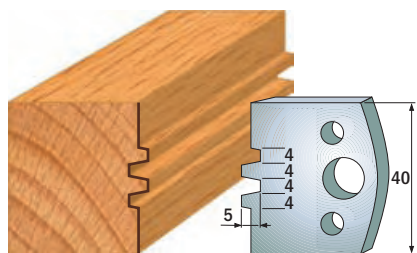
Profile knives and limitors

Cutting length=40mm

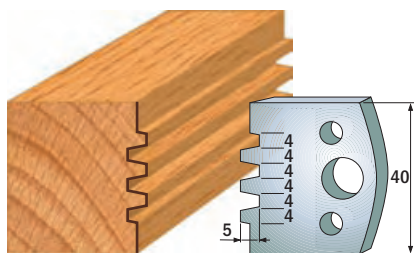
Thickness=4mm

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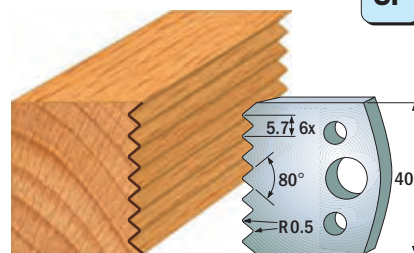
SP



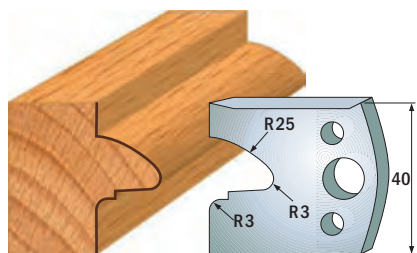
Pair of knives **690.075**
Pair of limitors **691.075**



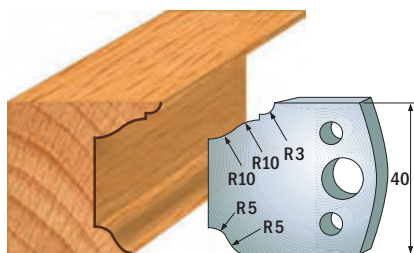
Pair of knives **690.076**
Pair of limitors **691.076**



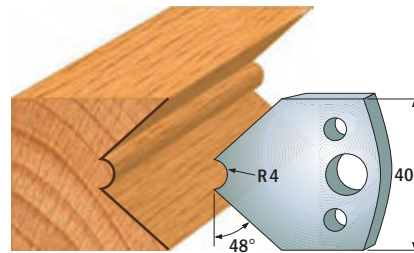
Pair of knives **690.077**
Pair of limitors **691.077**



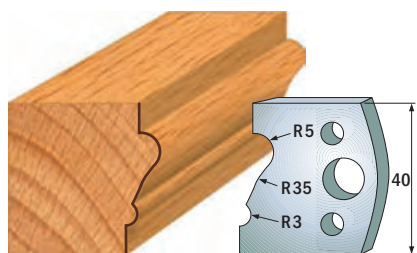
Pair of knives **690.078**
Pair of limitors **691.078**



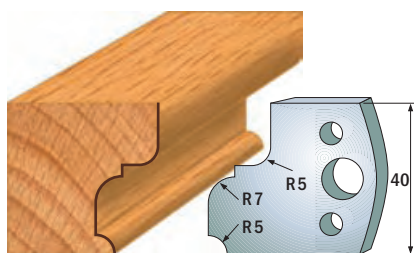
Pair of knives **690.079**
Pair of limitors **691.079**



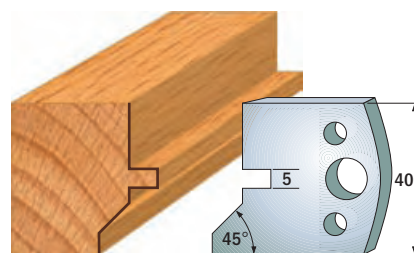
Pair of knives **690.080**
Pair of limitors **691.080**



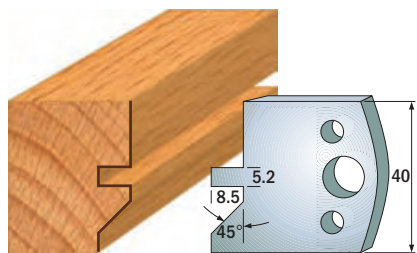
Pair of knives **690.081**
Pair of limitors **691.081**



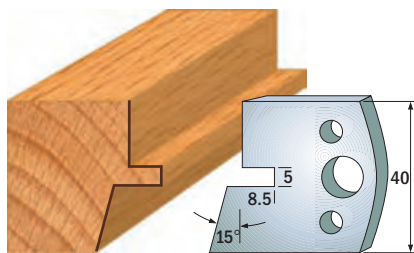
Pair of knives **690.082**
Pair of limitors **691.082**



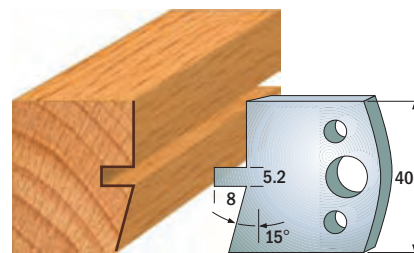
Pair of knives **690.083**
Pair of limitors **691.083**



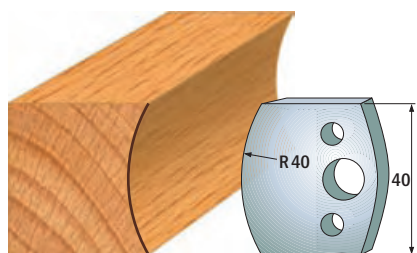
Pair of knives **690.084**
Pair of limitors **691.084**



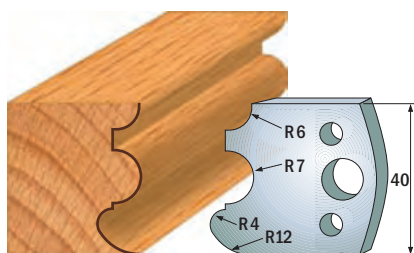
Pair of knives **690.085**
Pair of limitors **691.085**



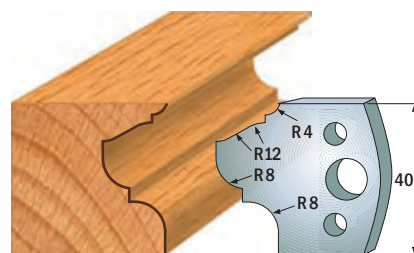
Pair of knives **690.086**
Pair of limitors **691.086**



Pair of knives **690.087**
Pair of limitors **691.087**



Pair of knives **690.088**
Pair of limitors **691.088**



Pair of knives **690.089**
Pair of limitors **691.089**

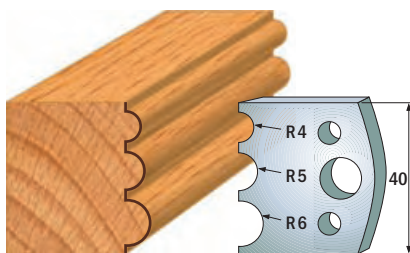
Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

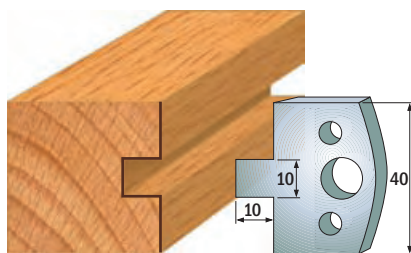
Dimensions in mm.

Profile knives and limitors

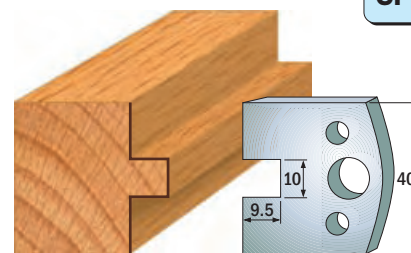
Cutting length=40mm Thickness=4mm



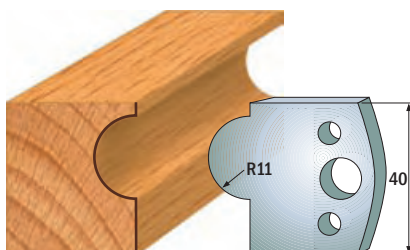
Pair of knives **690.090**
Pair of limitors **691.090**



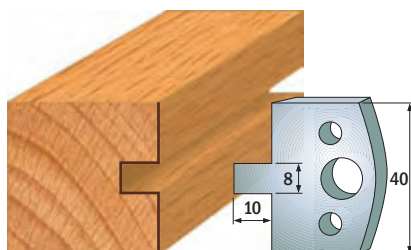
Pair of knives **690.091**
Pair of limitors **691.091**



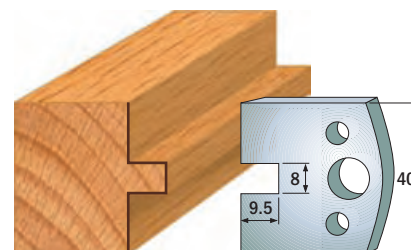
Pair of knives **690.092**
Pair of limitors **691.092**



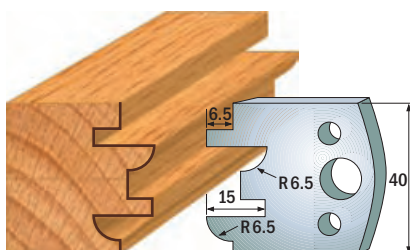
Pair of knives **690.093**
Pair of limitors **691.093**



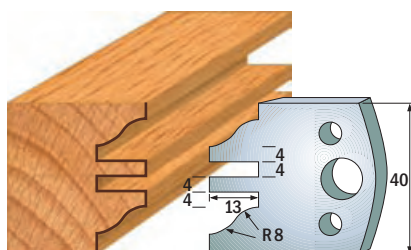
Pair of knives **690.094**
Pair of limitors **691.094**



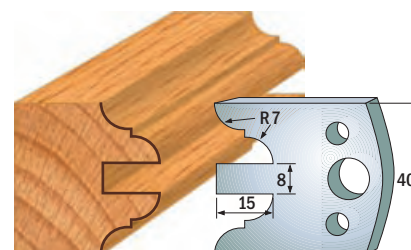
Pair of knives **690.095**
Pair of limitors **691.095**



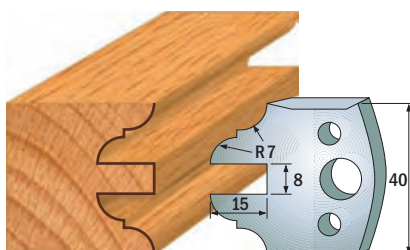
Pair of knives **690.096**
Pair of limitors **691.096**



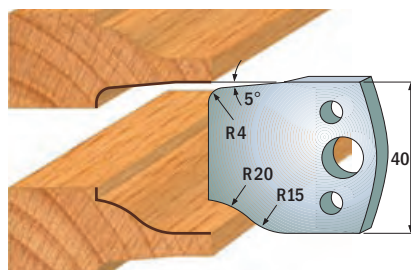
Pair of knives **690.097**
Pair of limitors **691.097**



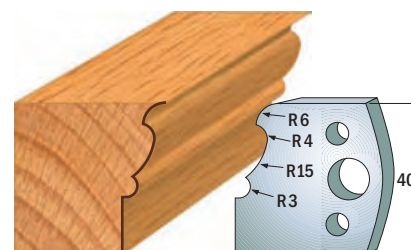
Pair of knives **690.098**
Pair of limitors **691.098**



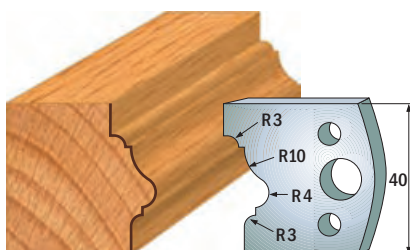
Pair of knives **690.099**
Pair of limitors **691.099**



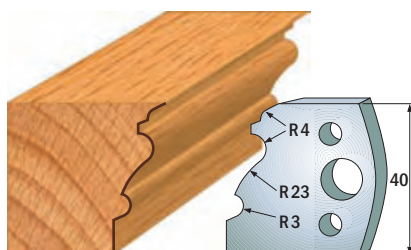
Pair of knives **690.100**
Pair of limitors **691.100**



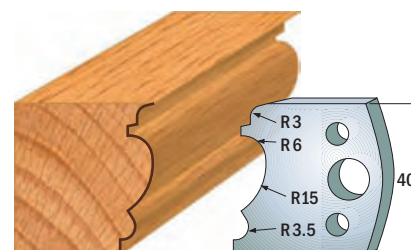
Pair of knives **690.101**
Pair of limitors **691.101**



Pair of knives **690.102**
Pair of limitors **691.102**



Pair of knives **690.103**
Pair of limitors **691.103**



Pair of knives **690.104**
Pair of limitors **691.104**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

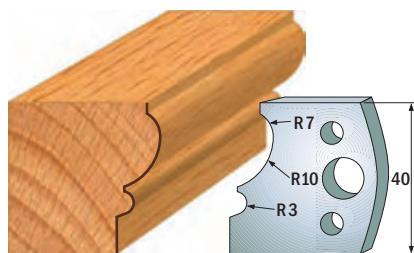
Dimensions in mm.

Profile knives and limitors

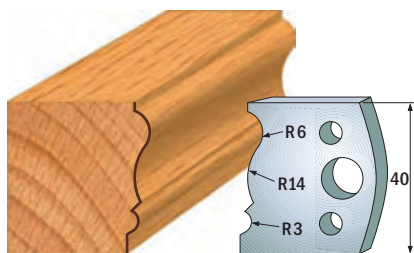
Cutting length=40mm

Thickness=4mm

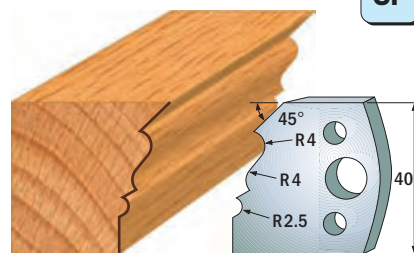
SP



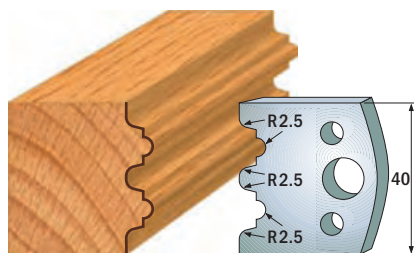
Pair of knives **690.105**
Pair of limitors **691.105**



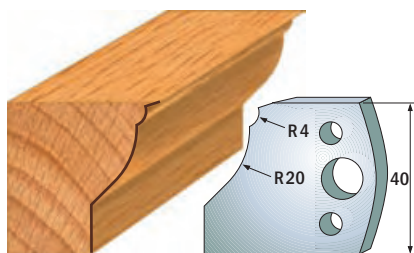
Pair of knives **690.106**
Pair of limitors **691.106**



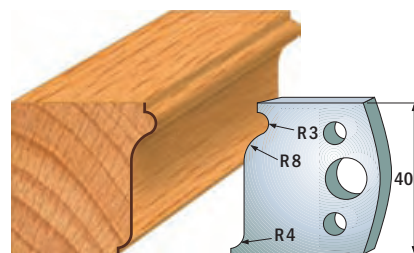
Pair of knives **690.107**
Pair of limitors **691.107**



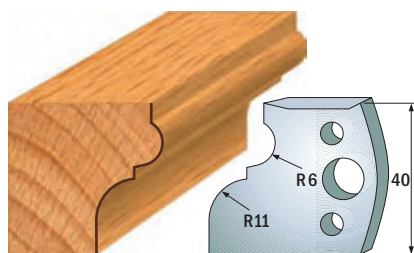
Pair of knives **690.108**
Pair of limitors **691.108**



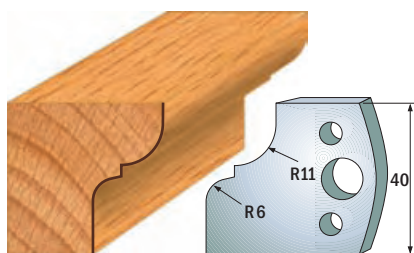
Pair of knives **690.109**
Pair of limitors **691.109**



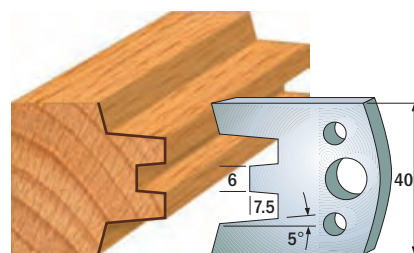
Pair of knives **690.110**
Pair of limitors **691.110**



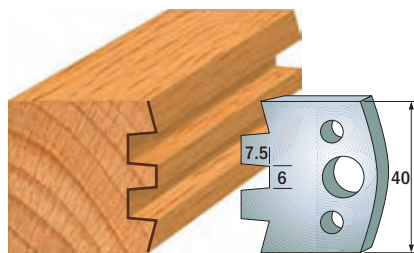
Pair of knives **690.111**
Pair of limitors **691.111**



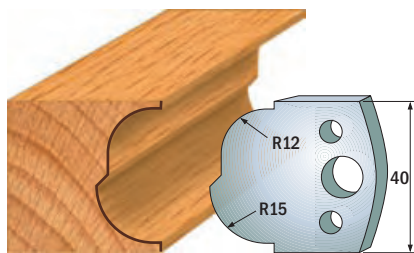
Pair of knives **690.112**
Pair of limitors **691.112**



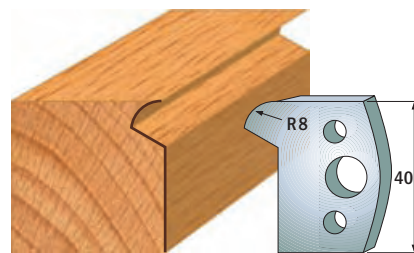
Pair of knives **690.113**
Pair of limitors **691.113**



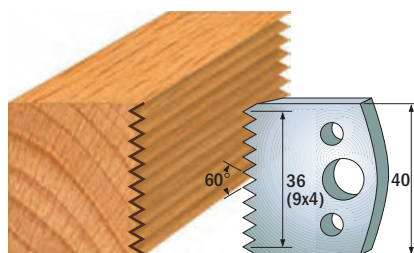
Pair of knives **690.114**
Pair of limitors **691.114**



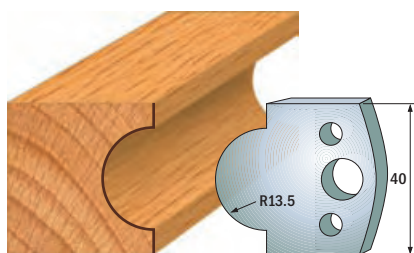
Pair of knives **690.115**
Pair of limitors **691.115**



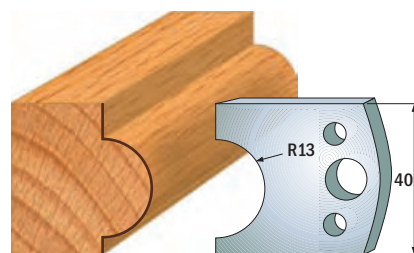
Pair of knives **690.116**
Pair of limitors **691.116**



Pair of knives **690.117**
Pair of limitors **691.117**



Pair of knives **690.118**
Pair of limitors **691.118**



Pair of knives **690.119**
Pair of limitors **691.119**

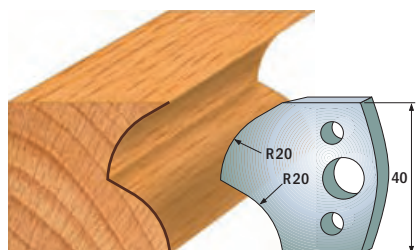
Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

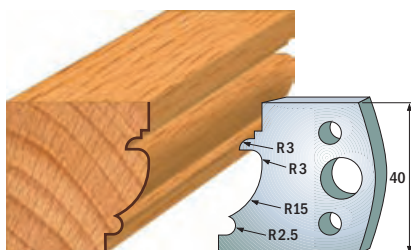
Dimensions in mm.

Profile knives and limitors

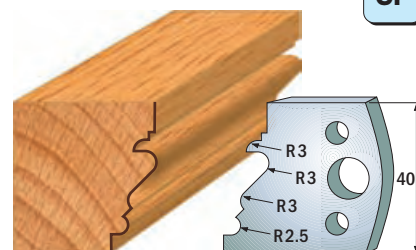
Cutting length=40mm Thickness=4mm



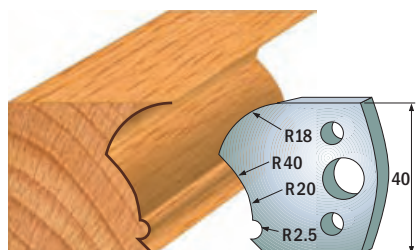
Pair of knives **690.120**
Pair of limitors **691.120**



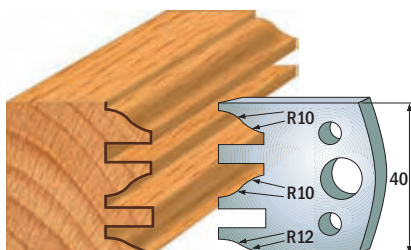
Pair of knives **690.121**
Pair of limitors **691.121**



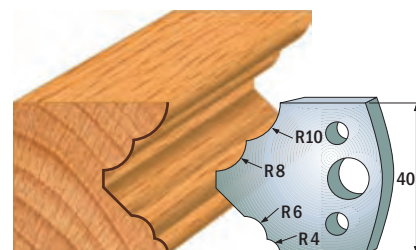
Pair of knives **690.122**
Pair of limitors **691.122**



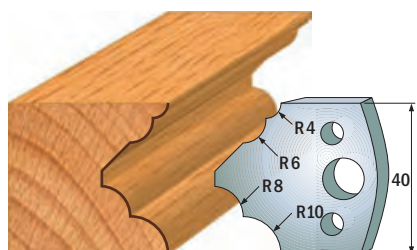
Pair of knives **690.123**
Pair of limitors **691.123**



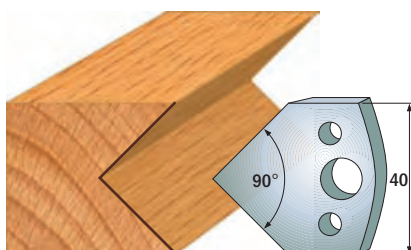
Pair of knives **690.124**
Pair of limitors **691.124**



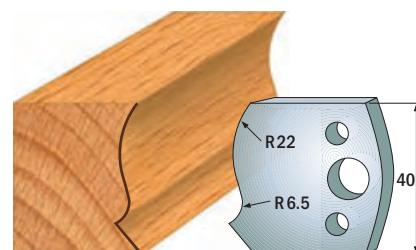
Pair of knives **690.125**
Pair of limitors **691.125**



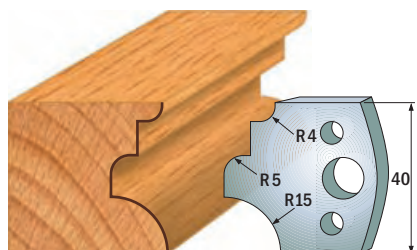
Pair of knives **690.126**
Pair of limitors **691.126**



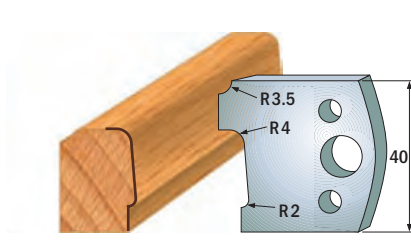
Pair of knives **690.127**
Pair of limitors **691.127**



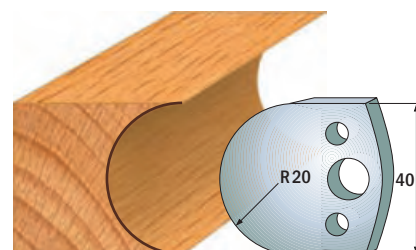
Pair of knives **690.128**
Pair of limitors **691.128**



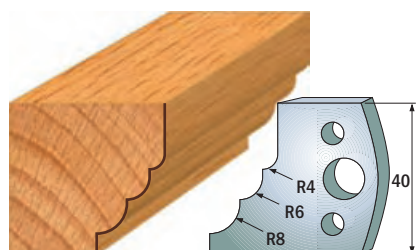
Pair of knives **690.129**
Pair of limitors **691.129**



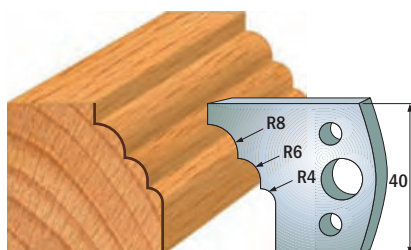
Pair of knives **690.130**
Pair of limitors **691.130**



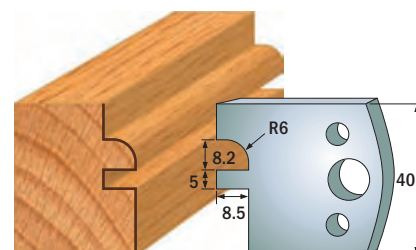
Pair of knives **690.131**
Pair of limitors **691.131**



Pair of knives **690.132**
Pair of limitors **691.132**



Pair of knives **690.133**
Pair of limitors **691.133**



Pair of knives **690.134**
Pair of limitors **691.134**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

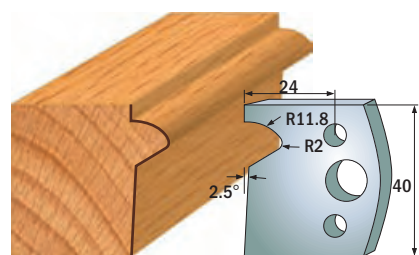
Dimensions in mm.

Profile knives and limitors

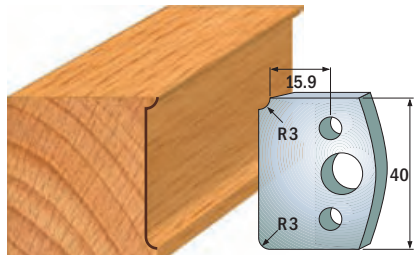
Cutting length=40mm

Thickness=4mm

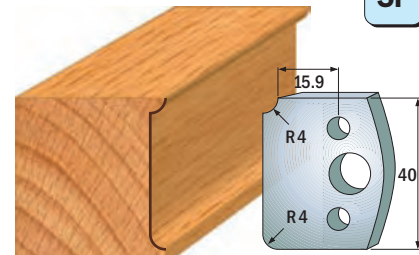
SP



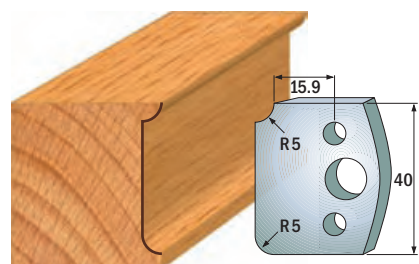
Pair of knives **690.135**
Pair of limitors **691.135**



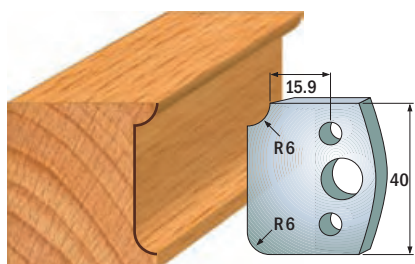
Pair of knives **690.170**
Pair of limitors **691.170**



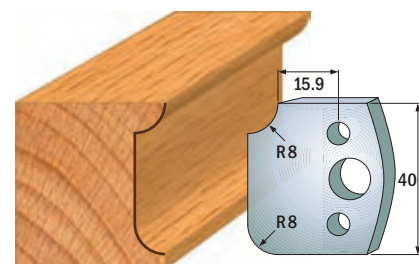
Pair of knives **690.171**
Pair of limitors **691.171**



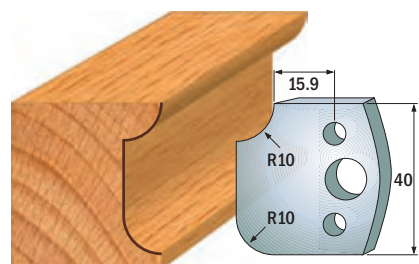
Pair of knives **690.172**
Pair of limitors **691.172**



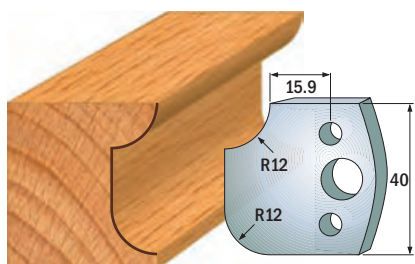
Pair of knives **690.173**
Pair of limitors **691.173**



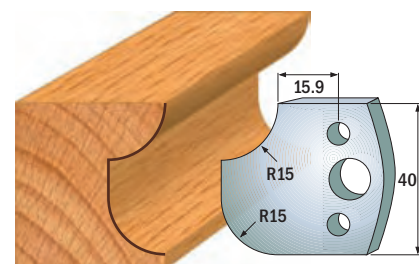
Pair of knives **690.174**
Pair of limitors **691.174**



Pair of knives **690.175**
Pair of limitors **691.175**



Pair of knives **690.176**
Pair of limitors **691.176**

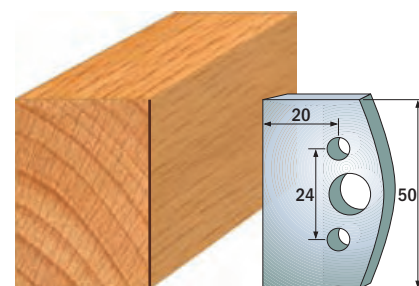


Pair of knives **690.177**
Pair of limitors **691.177**

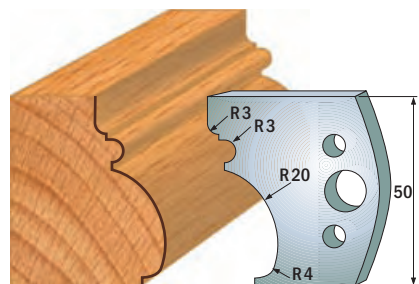
Profile knives and limitors

Cutting length=50mm

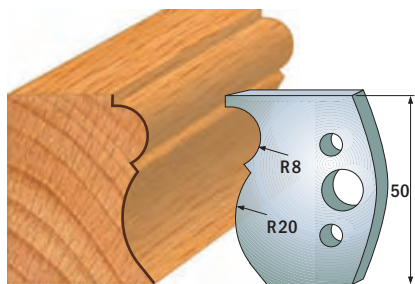
Thickness=4mm



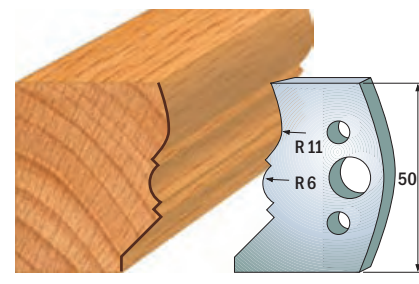
Pair of knives **690.500**
Pair of limitors **691.500**



Pair of knives **690.501**
Pair of limitors **691.501**



Pair of knives **690.502**
Pair of limitors **691.502**



Pair of knives **690.503**
Pair of limitors **691.503**

Note: all knives and limitors only available in pairs

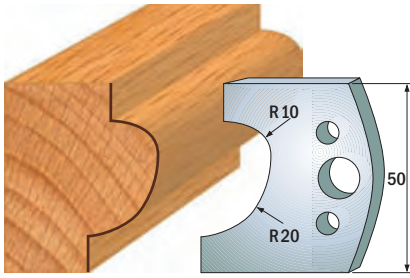
Drawings are 1:2 scale

Dimensions in mm.

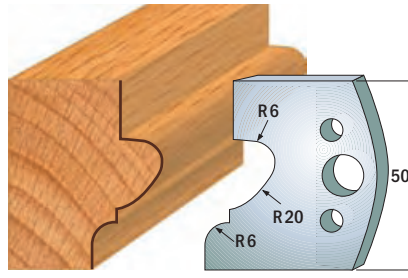
Profile knives and limitors

Cutting length=50mm Thickness=4mm

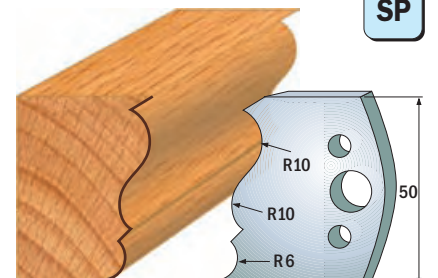
SP



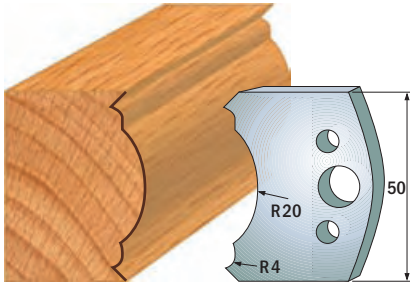
Pair of knives **690.504**
Pair of limitors **691.504**



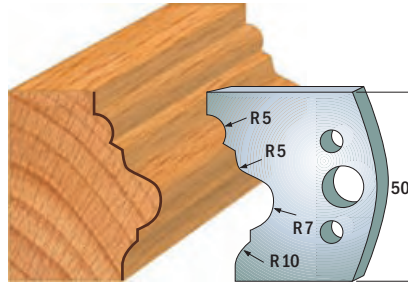
Pair of knives **690.505**
Pair of limitors **691.505**



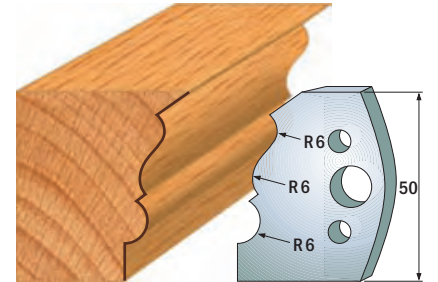
Pair of knives **690.506**
Pair of limitors **691.506**



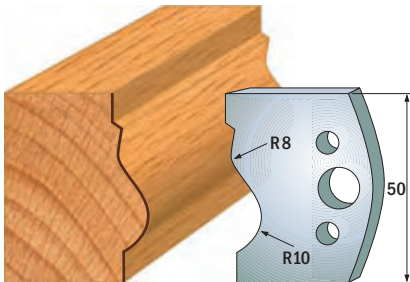
Pair of knives **690.507**
Pair of limitors **691.507**



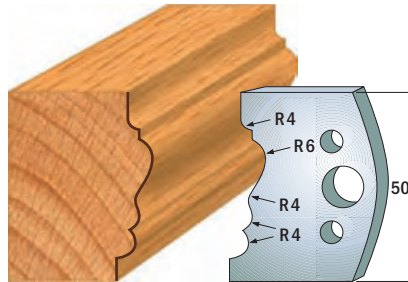
Pair of knives **690.508**
Pair of limitors **691.508**



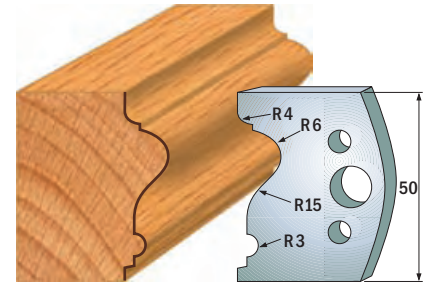
Pair of knives **690.509**
Pair of limitors **691.509**



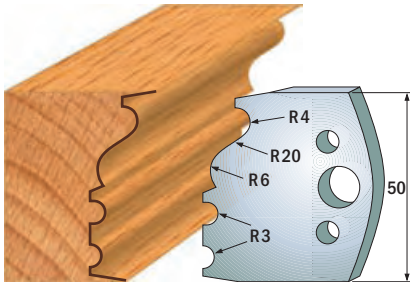
Pair of knives **690.510**
Pair of limitors **691.510**



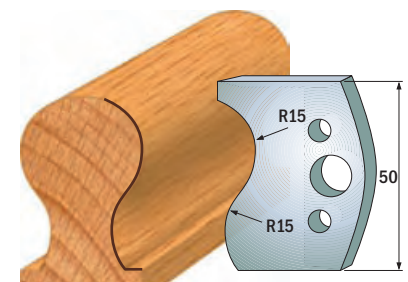
Pair of knives **690.511**
Pair of limitors **691.511**



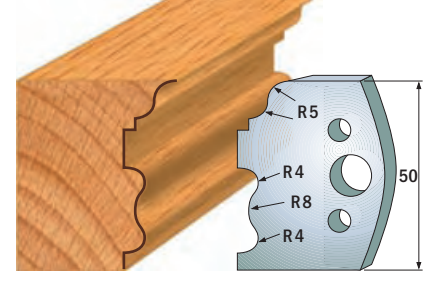
Pair of knives **690.512**
Pair of limitors **691.512**



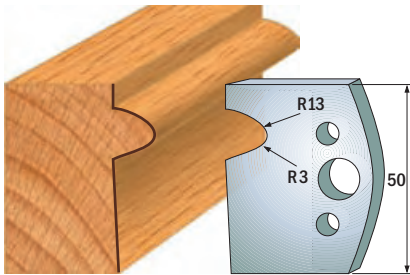
Pair of knives **690.513**
Pair of limitors **691.513**



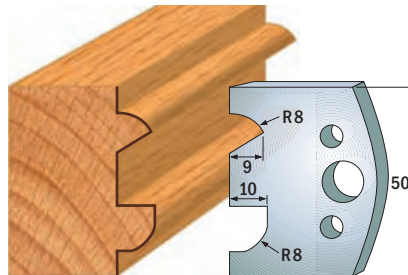
Pair of knives **690.514**
Pair of limitors **691.514**



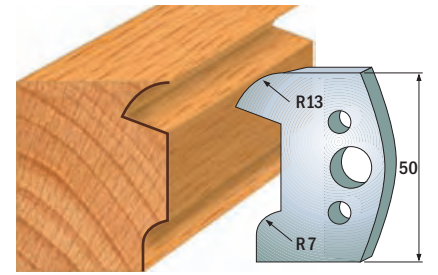
Pair of knives **690.515**
Pair of limitors **691.515**



Pair of knives **690.516**
Pair of limitors **691.516**



Pair of knives **690.517**
Pair of limitors **691.517**



Pair of knives **690.518**
Pair of limitors **691.518**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

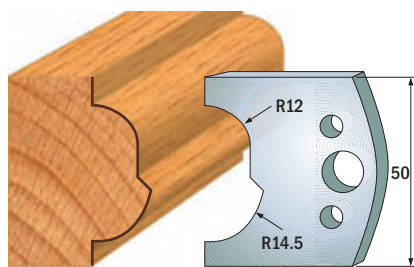
Dimensions in mm.

Profile knives and limitors

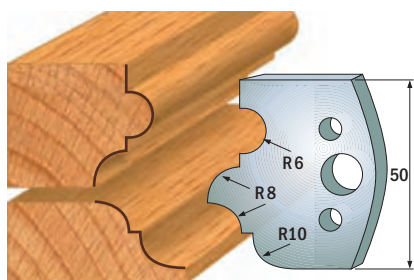
Cutting length=50mm

Thickness=4mm

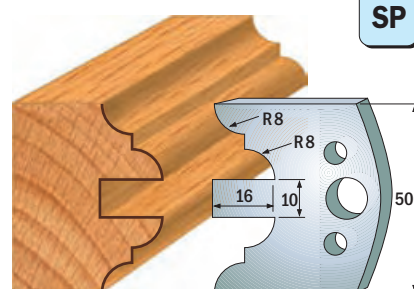
SP



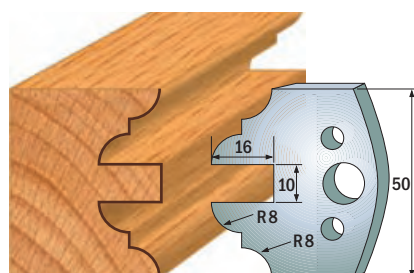
Pair of knives **690.519**
Pair of limitors **691.519**



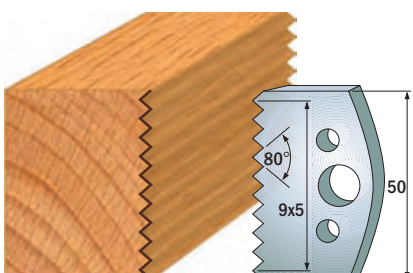
Pair of knives **690.520**
Pair of limitors **691.520**



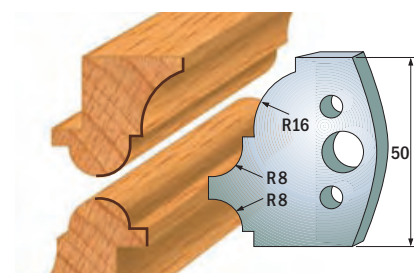
Pair of knives **690.522**
Pair of limitors **691.522**



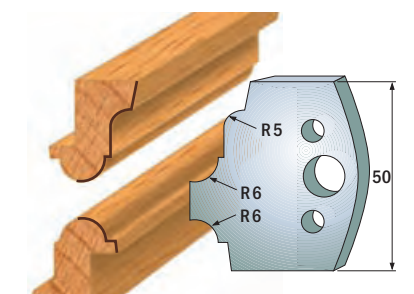
Pair of knives **690.523**
Pair of limitors **691.523**



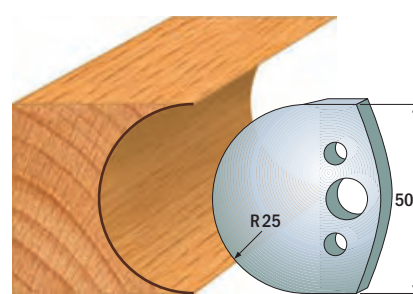
Pair of knives **690.524**
Pair of limitors **691.524**



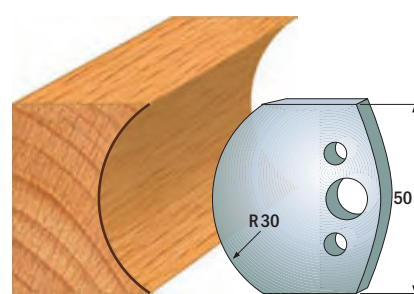
Pair of knives **690.541**
Pair of limitors **691.541**



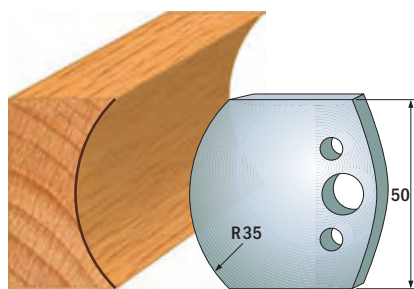
Pair of knives **690.542**
Pair of limitors **691.542**



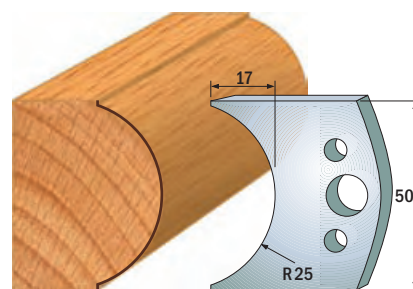
Pair of knives **690.543**
Pair of limitors **691.543**



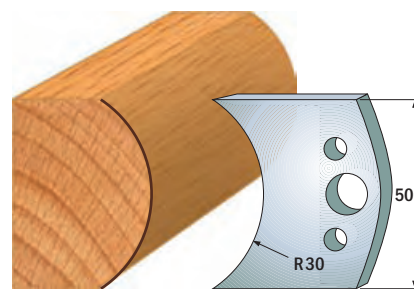
Pair of knives **690.544**
Pair of limitors **691.544**



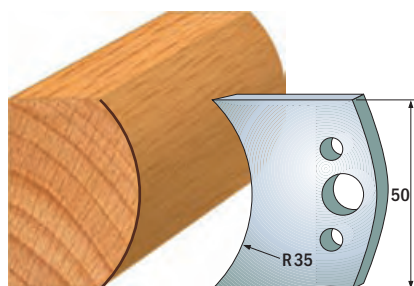
Pair of knives **690.545**
Pair of limitors **691.545**



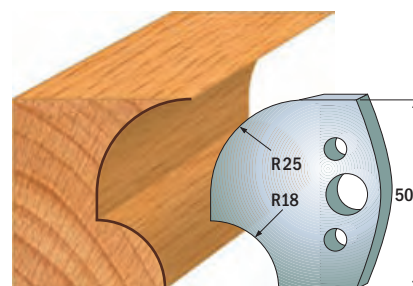
Pair of knives **690.546**
Pair of limitors **691.546**



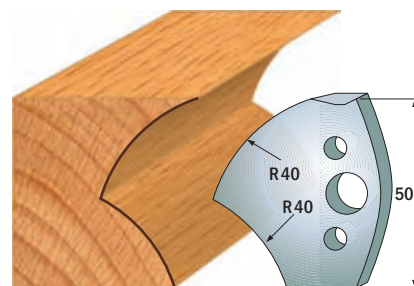
Pair of knives **690.547**
Pair of limitors **691.547**



Pair of knives **690.548**
Pair of limitors **691.548**



Pair of knives **690.549**
Pair of limitors **691.549**



Pair of knives **690.550**
Pair of limitors **691.550**

Note: all knives and limitors only available in pairs

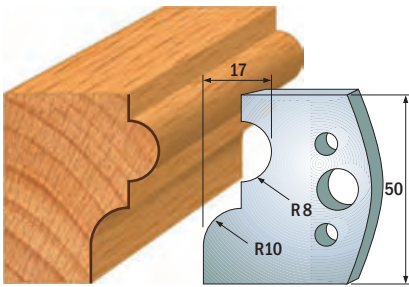
Drawings are 1:2 scale

Dimensions in mm.

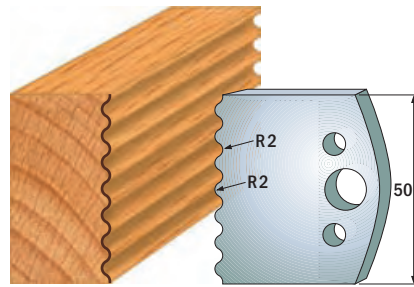
Profile knives and limitors

Cutting length=50mm Thickness=4mm

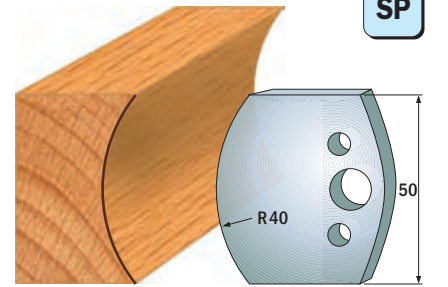
SP



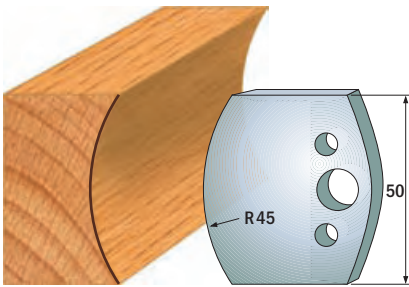
Pair of knives **690.551**
Pair of limitors **691.551**



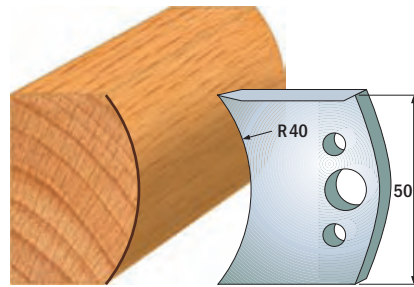
Pair of knives **690.552**
Pair of limitors **691.552**



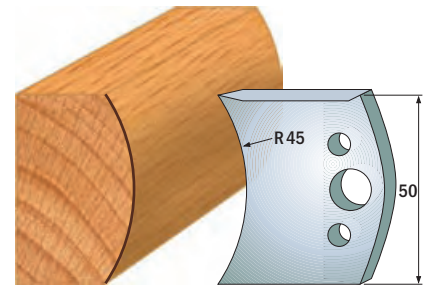
Pair of knives **690.553**
Pair of limitors **691.553**



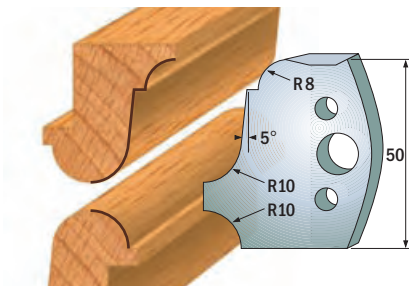
Pair of knives **690.554**
Pair of limitors **691.554**



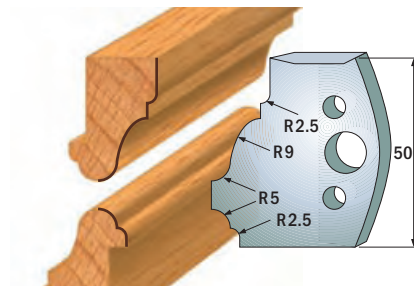
Pair of knives **690.555**
Pair of limitors **691.555**



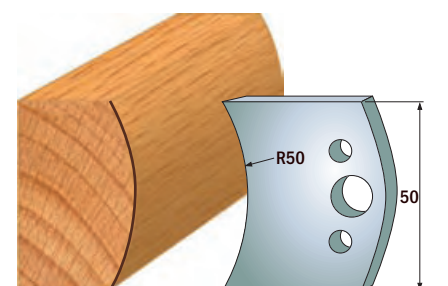
Pair of knives **690.556**
Pair of limitors **691.556**



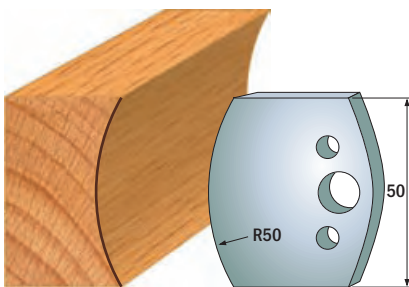
Pair of knives **690.557**
Pair of limitors **691.557**



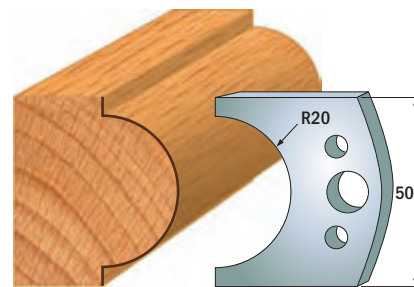
Pair of knives **690.558**
Pair of limitors **691.558**



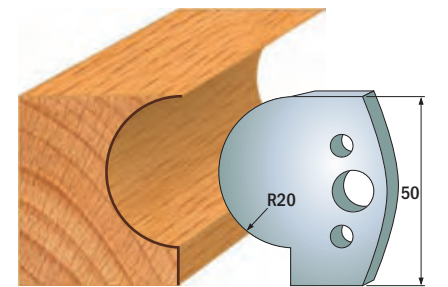
Pair of knives **690.559**
Pair of limitors **691.559**



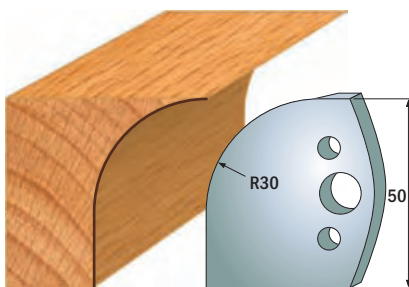
Pair of knives **690.560**
Pair of limitors **691.560**



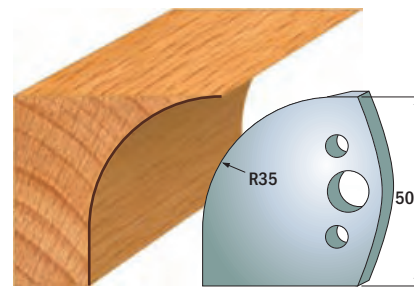
Pair of knives **690.561**
Pair of limitors **691.561**



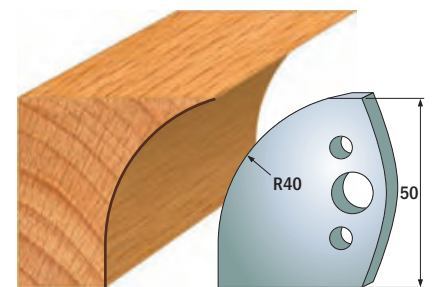
Pair of knives **690.562**
Pair of limitors **691.562**



Pair of knives **690.563**
Pair of limitors **691.563**



Pair of knives **690.564**
Pair of limitors **691.564**



Pair of knives **690.565**
Pair of limitors **691.565**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

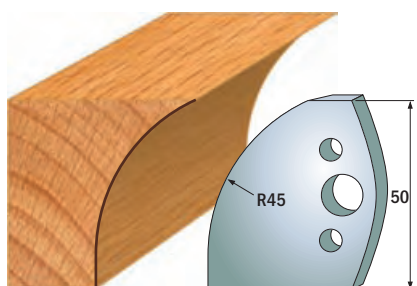
Dimensions in mm.

Profile knives and limitors

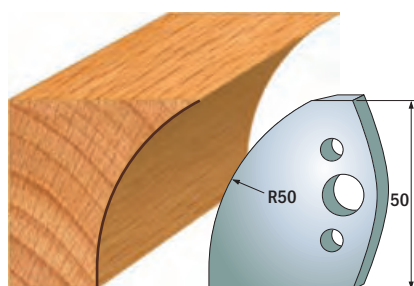
Cutting length=50mm

Thickness=4mm

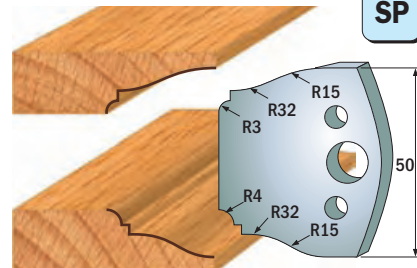
SP



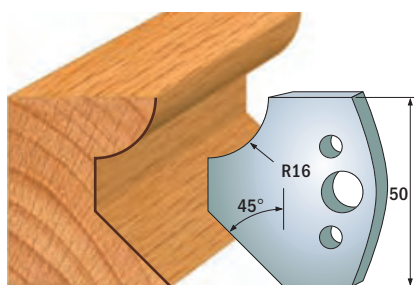
Pair of knives **690.566**
Pair of limitors **691.566**



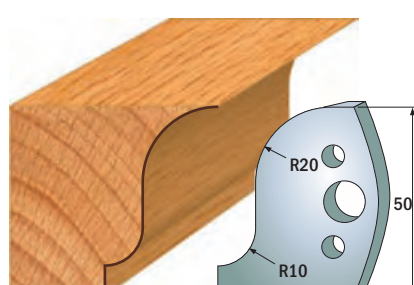
Pair of knives **690.567**
Pair of limitors **691.567**



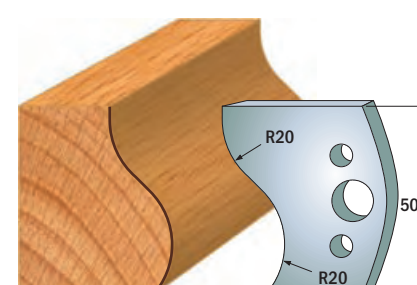
Pair of knives **690.568**
Pair of limitors **691.568**



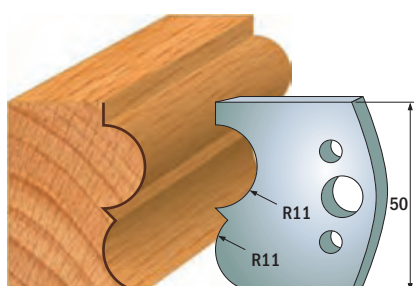
Pair of knives **690.569**
Pair of limitors **691.569**



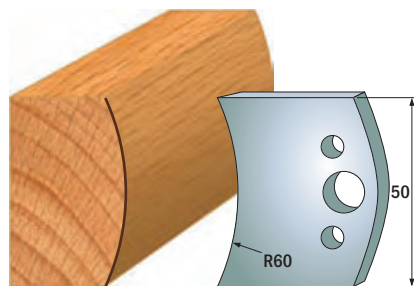
Pair of knives **690.570**
Pair of limitors **691.570**



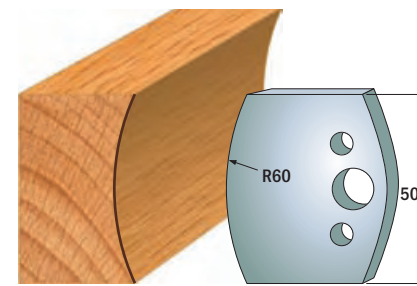
Pair of knives **690.571**
Pair of limitors **691.571**



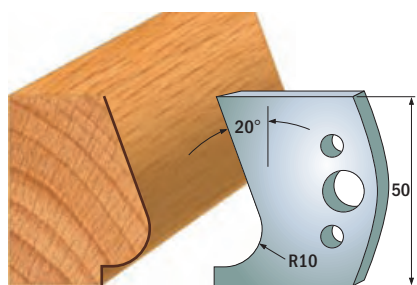
Pair of knives **690.572**
Pair of limitors **691.572**



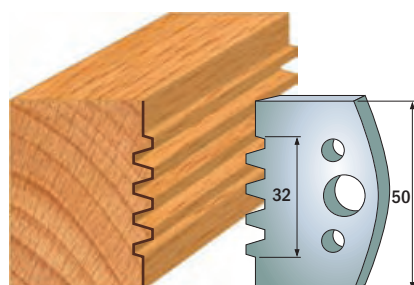
Pair of knives **690.573**
Pair of limitors **691.573**



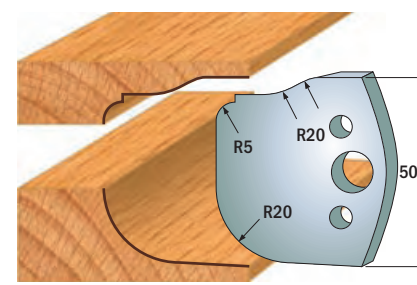
Pair of knives **690.574**
Pair of limitors **691.574**



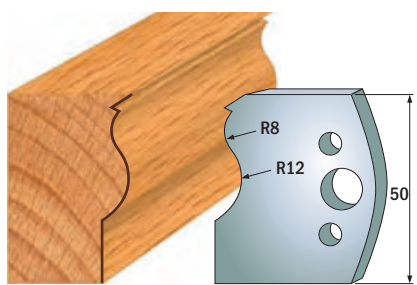
Pair of knives **690.575**
Pair of limitors **691.575**



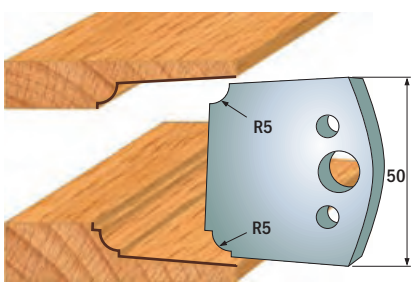
Pair of knives **690.576**
Pair of limitors **691.576**



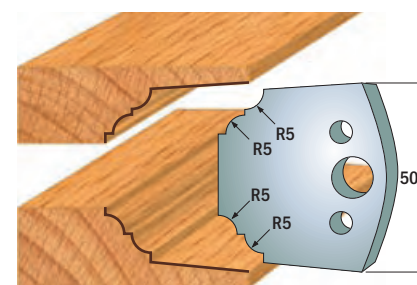
Pair of knives **690.577**
Pair of limitors **691.577**



Pair of knives **690.578**
Pair of limitors **691.578**



Pair of knives **690.579**
Pair of limitors **691.579**

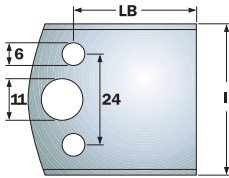


Pair of knives **690.580**
Pair of limitors **691.580**

Note: all knives and limitors only available in pairs

Drawings are 1:2 scale

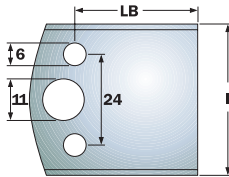
Dimensions in mm.



690-691

Description	LB mm	I mm	ORDER NO.
Pair of knives	24	40	690.192
Pair of limitors	24	40	691.192

Blank knives and limitors (to be sharpened)



690-691

Description	LB mm	I mm	ORDER NO.
Pair of blank knives	32,5	40	690.193
Pair of blank knives	34	50	690.599
Pair of blank limitors	32,5	40	691.193
Pair of blank limitors	34	50	691.599

Bore reducers

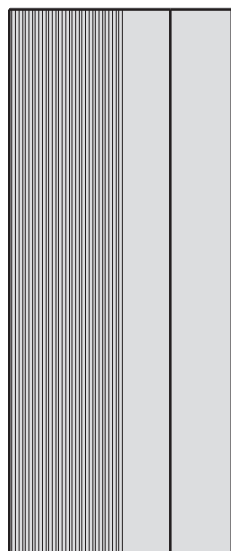
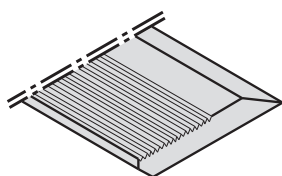


699

Description	ORDER NO.
Pair of bore reducer 19,05-12,7mm	699.019.13
Pair of bore reducer 25,4-19,05mm	699.026.19
Pair of bore reducer 30-19,05mm	699.030.19
Pair of bore reducer 30-25,4mm	699.030.26
Pair of bore reducer 31,75-19,05mm	699.031.19
Pair of bore reducer 31,75-25,4mm	699.031.26
Pair of bore reducer 31,75-30mm	699.031.30
Pair of bore reducer 35-30mm	699.035.30
Pair of bore reducer 35-31,75mm	699.035.31
new Pair of bore reducer 40-30mm	699.040.30
new Pair of bore reducer 40-35mm	699.040.35
Pair of bore reducer 50-30mm	699.050.30
Pair of bore reducer 50-35mm	699.050.35
Pair of bore reducer 50-40mm	699.050.40

To be used in pair only

793



IN QUADROPACK PACKAGING

MATERIAL	HS 6% W
Dry Softwood	●
Wet Softwood	●
Dry Hardwood	●
Wet Hardwood	○

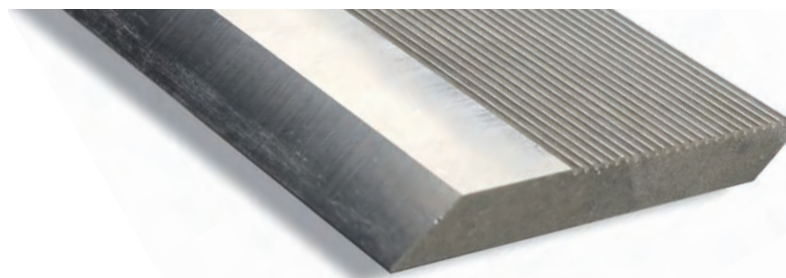
- Suitable
- Partly suitable

Sizes mm L H K	Knives per set	ORDER NO. HS 6%W
40 x 50 x 8	4	793.040.50
40 x 60 x 8	4	793.040.60
40 x 70 x 8	4	793.040.70
60 x 50 x 8	4	793.060.50
60 x 60 x 8	4	793.060.60
60 x 70 x 8	4	793.060.70
80 x 50 x 8	4	793.080.50
80 x 60 x 8	4	793.080.60
80 x 70 x 8	4	793.080.70
100 x 50 x 8	4	793.100.50
100 x 60 x 8	4	793.100.60
100 x 70 x 8	4	793.100.70
120 x 50 x 8	4	793.120.50
120 x 60 x 8	4	793.120.60
120 x 70 x 8	4	793.120.70
130 x 60 x 8	4	793.130.60
130 x 70 x 8	4	793.130.70
650 x 40 x 8	4	793.650.40
650 x 50 x 8	4	793.650.50
650 x 60 x 8	4	793.650.60
650 x 70 x 8	4	793.650.70

REMARK: special dimensions available on request.

TECHNICAL DETAILS:

Corrugated back moulder knives for profile cutterheads with precision serration, angle 60°, pitch 1,6mm.



Magnetic knife setting jigs



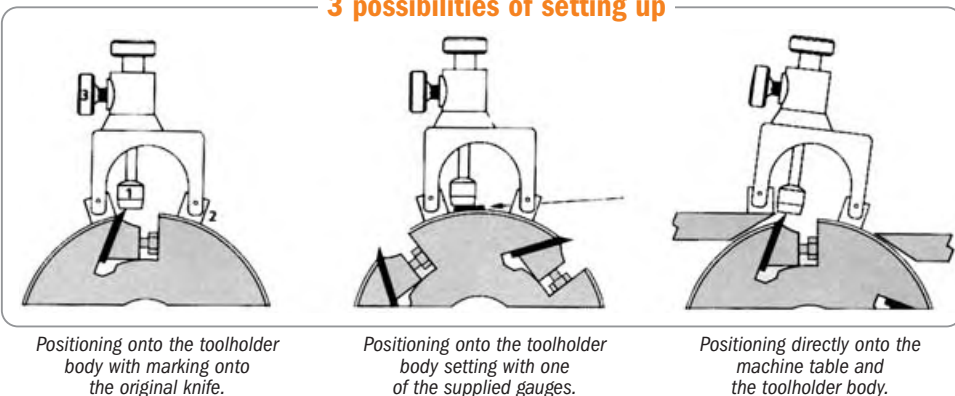
CMT792

The best knives won't perform well unless they are properly installed and aligned. The built-in magnets grip both the planer head and the knives while you use the integral adjustments to get the knives in perfect position.

1. MAGNETIZED CERAMIC STOP
2. JOINTS WITH MAGNETIZED CONNECTORS
3. PRECISION DEPTH STOP

Set supplied in a wooden box with 2 setters and gauges thickness 0,8 - 1 - 1,2mm.

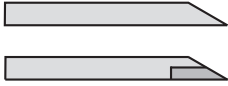
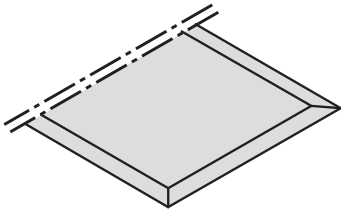
3 possibilities of setting up



Positioning onto the toolholder body with marking onto the original knife.

Positioning onto the toolholder body setting with one of the supplied gauges.

Positioning directly onto the machine table and the toolholder body.



IN QUADROPACK PACKAGING

MATERIAL	6%W	18%W	HW
Dry Softwood	●	●	
Wet Softwood	●	○	
Dry Hardwood	○	●	●
Wet Hardwood	○	●	○
Chipboard			○
MDF			○
Glulam		○	●
Solid Surface			○

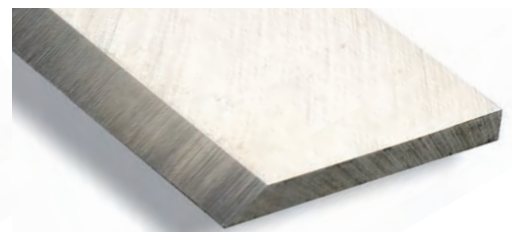
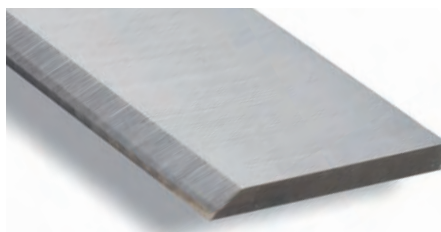
- Suitable
- Partly suitable

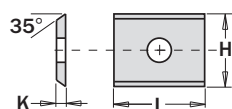
792



Sizes mm L H K	Knives per set	ORDER NO. HS 6%W	ORDER NO. HS 18%W	ORDER NO. HW
120 x 30 x 3	2		792.120.30	
130 x 30 x 3	2	792.131.30	792.130.30	792.132.30
150 x 30 x 3	2		792.150.30	
180 x 30 x 3	2	792.181.30	792.180.30	792.182.30
200 x 30 x 3	2	792.201.30	792.200.30	
210 x 30 x 3	2	792.211.30	792.210.30	
230 x 30 x 3	2	792.231.30	792.230.30	792.232.30
250 x 30 x 3	2	792.251.30	792.250.30	792.252.30
260 x 30 x 3	2	792.261.30	792.260.30	792.262.30
300 x 30 x 3	2	792.301.30	792.300.30	792.302.30
310 x 30 x 3	2	792.311.30	792.310.30	792.312.30
350 x 30 x 3	2	792.351.30	792.350.30	792.352.30
400 x 30 x 3	2	792.401.30	792.400.30	792.402.30
410 x 30 x 3	2	792.411.30	792.410.30	792.412.30
430 x 30 x 3	2	792.431.30	792.430.30	792.432.30
450 x 30 x 3	2	792.451.30	792.450.30	792.452.30
500 x 30 x 3	2	792.501.30	792.500.30	792.502.30
510 x 30 x 3	2	792.511.30	792.510.30	792.512.30
520 x 30 x 3	2	792.521.30	792.520.30	792.522.30
530 x 30 x 3	2	792.531.30	792.530.30	792.532.30
600 x 30 x 3	2	792.601.30	792.600.30	792.602.30
610 x 30 x 3	2	792.611.30	792.610.30	792.612.30
630 x 30 x 3	2	792.631.30	792.630.30	792.632.30
640 x 30 x 3	2		792.640.30	
710 x 30 x 3	2		792.710.30	
810 x 30 x 3	2	792.811.30	792.810.30	792.812.30
1050 x 30 x 3	2	792.998.30	792.997.30	792.999.30
300 x 35 x 3	2		792.300.35	
310 x 35 x 3	2	792.311.35		
350 x 35 x 3	2	792.351.35	792.350.35	
400 x 35 x 3	2	792.401.35	792.400.35	
410 x 35 x 3	2	792.411.35	792.410.35	
430 x 35 x 3	2		792.430.35	
450 x 35 x 3	2	792.451.35	792.450.35	
500 x 35 x 3	2	792.501.35	792.500.35	
510 x 35 x 3	2	792.511.35	792.510.35	
520 x 35 x 3	2	792.521.35	792.520.35	
530 x 35 x 3	2	792.531.35	792.530.35	
550 x 35 x 3	2	792.551.35		
600 x 35 x 3	2	792.601.35	792.600.35	
610 x 35 x 3	2	792.611.35	792.610.35	
630 x 35 x 3	2	792.631.35	792.630.35	
650 x 35 x 3	2	792.651.35		
710 x 35 x 3	2		792.710.35	
810 x 35 x 3	2	792.811.35	792.810.35	
820 x 35 x 3	2	792.821.35		
1050 x 35 x 3	2	792.998.35	792.997.35	

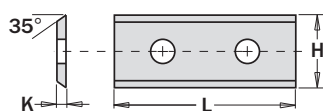
REMARK: special dimensions available on request.
The mirror finish on the HW knives produce cutting edge that is both razor sharp yet extremely durable.





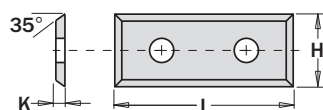
790 Standard reversible knives 2 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
7,5 x 12 x 1,5			35°	790.075.00			
7,65 x 12 x 1,5			35°	790.076.00			
9,6 x 12 x 1,5			35°	790.096.00			
15 x 12 x 1,5			35°	790.150.00			
20 x 12 x 1,5			35°	790.200.00	790.200.02	790.200.03	



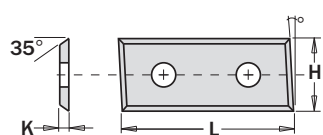
790 Standard reversible knives 2 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
24,7 x 12 x 1,5			35°	790.250.00			
30 x 12 x 1,5			35°	790.300.00	790.300.02	790.300.03	790.300.04
30 x 12 x 1,5			45°	790.300.20			
40 x 12 x 1,5			35°	790.400.00	790.400.02	790.400.03	
50 x 12 x 1,5			35°	790.500.00	790.500.02	790.500.03	790.500.04
60 x 12 x 1,5			35°	790.600.00		790.600.03	



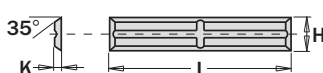
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
29,5 x 9 x 1,5			35°	790.295.09			
29,5 x 12 x 1,5			35°	790.295.12			
49,5 x 9 x 1,5			35°	790.495.09			
49,5 x 12 x 1,5			35°	790.495.12			



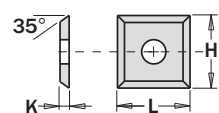
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
28,3 x 12 x 1,5			35°	790.283.12			
48,3 x 12 x 1,5			35°	790.483.12			



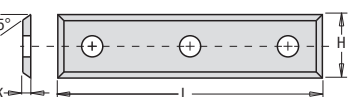
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
20 x 4,1 x 1,1			35°	790.200.01			
30 x 5,5 x 1,1			35°	790.300.01			
50 x 5,5 x 1,1			35°	790.500.01			



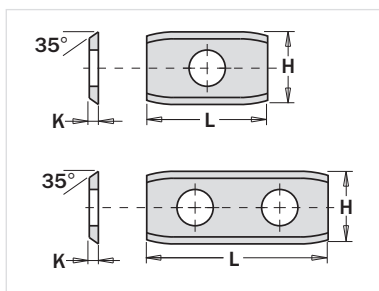
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
12 x 12 x 1,5			35°	790.120.00	790.120.02	790.120.03	
14 x 14 x 1,2			30°	790.140.10			
14 x 14 x 2			30°	790.140.00		790.140.03	
14 x 14 x 2			45°		790.140.02		



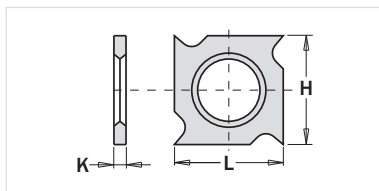
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
50 x 9 x 1,5			35°	790.500.09			



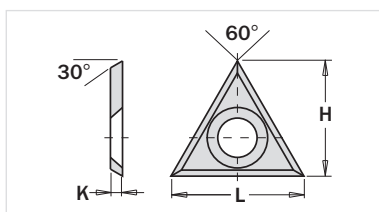
790 Standard reversible knives 2 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
20 x 12 x 1,5			35°	790.201.00			
30 x 12 x 1,5			35°	790.301.00			
50 x 12 x 1,5			35°	790.501.00			



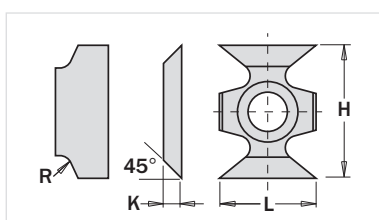
790 Standard reversible knives 4 cutting edge

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
18 x 18 x 2			35°	790.181.00			
18 x 18 x 2,5			35°	790.182.00			



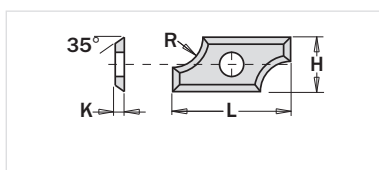
790 Standard reversible knives 30°

Sizes_mm			Angle	ORDER NO.			
L	H	K		HC05	MG06	SMG02	UMG04
22 x 19 x 2			30°	790.220.02			



790 Edge rounding/chamfering reversible knives

Sizes_mm			R mm	Angle	ORDER NO.			
L	H	K			HC05	MG06	SMG02	UMG04
16 x 22 x 5			1,5		790.161.00			
16 x 22 x 5			2		790.162.00			
16 x 22 x 5			3		790.163.00			
16 x 22 x 5				45°	790.160.00			



790 Profiled rounding reversible knives 4 cutting edges

Sizes_mm			R mm	Angle	ORDER NO.			
L	H	K			HC05	MG06	SMG02	UMG04
19,5 x 9 x 1,5			2	35°	790.020.00			
19,5 x 9 x 1,5			3	35°	790.030.00			
19,5 x 9 x 1,5			5	35°	790.050.00			
24 x 12 x 1,5			6,4	35°	790.064.00			
24 x 12 x 1,5			8	35°	790.080.00			

MATERIAL	HC05	MG06	SMG02	UMG04
Dry Softwood	●			
Wet Softwood	●			
Dry Hardwood	●	●		
Wet Hardwood	●	●		
Chipboard		●	●	●
MDF		●	●	●
HDF			●	●
Solid Surface				●

TECHNICAL DETAILS:

HC05 Hardness (HV10): 1.760 - Transverse rupture strength (N/mm²): 2.100

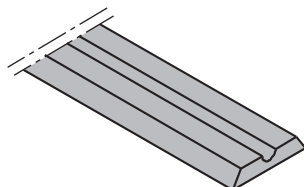
MG06 Hardness (HV10): 1.680 - Transverse rupture strength (N/mm²): 3.700

SMG02 Hardness (HV10): 2.300 - Transverse rupture strength (N/mm²): 3.500

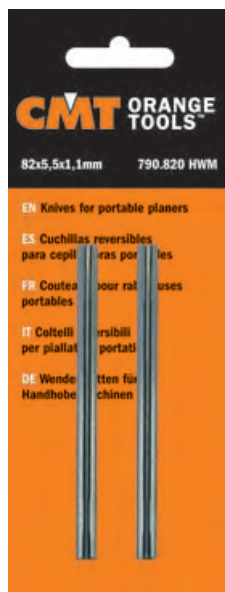
UMG04 Hardness (HV10): 2.550 - Transverse rupture strength (N/mm²): 3.200

All knives supplied in 10 pcs. case.

HWM Reversible knives for portable planers



10-PCS. CASE



2-PCS. BLISTER CASE

790

Sizes mm L H K	Machine	Model machine	ORDER NO. 2 pcs. blister case	ORDER NO. 10 pcs. blister case
56,0 x 5,5 x 1,1	Adler			790.560.00
60,0 x 5,5 x 1,1	Wegoma			790.600.01
75,5 x 5,5 x 1,1	Aeg	HTH75		790.755.00
	Black & Decker	DN75, 750SR, 600K		
	Bosch	0590, P400, 1590, 1591		
	Festo	REP75		
	Haffner	FH222		
	Holz-Her	2223, 2286, 2320		
	Kress	Jet-Star 6701, 6702		
	Mafell	HU75		
	Metabo	6375		
	Scheer	MH75/3, MH80		
	Skil	98H		
78,0 x 5,5 x 1,1	Virutex		790.780	790.780.00
80,5 x 5,9 x 1,2	Elu	MFF40, MFF80, MFF81, MFF81EK, PF161		790.805.00
80,5 x 5,5 x 1,1	Elu	MFF80	790.805	790.805.01
	Aeg			
	Bosch			
	Haffner			
82,0 x 5,5 x 1,1	Aeg	EH82, EH825, EH822, EH450, EH700, EH82-1, H500, H750, EH700R	790.820	790.820.00
	Black & Decker	DN76		
	Bosch	PHO 100/150, PHO 200/300 4387, PHO 2-82/3-82, Gustav, H00882		
	Casals	CE82		
	DeWalt	DW678, DW678EK, DW680		
	Elu	HH15, HH40, HH40K, HH40EK		
	Fein	HS2151		
	Felisatti	TP282		
	Haffner	FH224		
	Hitachi	F20, F20A, FP20A, P20V, P20SA		
	Holz-Her	2321, 2322		
	Legna	R82, G82		
	Mafell	EHU82, MHU82		
	Makita	1001, 1100, 1125B, 1900B, 1901, 1923B, 1923H, 1923HO		
	Metabo	4382, 8382, 0882, 0883, E0983		
	Perless	HHB82B		
	Peugeot	RA400, 82RAC, RA82CS, BR82 BRA1-82, BRA3-82, RA1082CA		
	Ryobi	L1323-A		
	Skil	H92, H94, H95, H96, H97 1506, 1510		
	Stayer	980B		
82,7 x 5,5 x 1,1	Black & Decker	DN710, DN712, DN730, DN71-02, DN71-03, BD711		790.827.00
92,0 x 5,5 x 1,2	Aeg	450		790.920.00
	Hitachi	F30A, FU30		
	Ryobi	L120N, L150N, L1205N, L1323		
102,0 x 5,5 x 1,1	Aeg	HB750, EH102, HBE800		790.992.00

TECHNICAL DETAILS:

- Order no. ISO: K40
- Hardness (HV10): 1.400
- Transverse rupture strength (N/mm²): .. 2.600

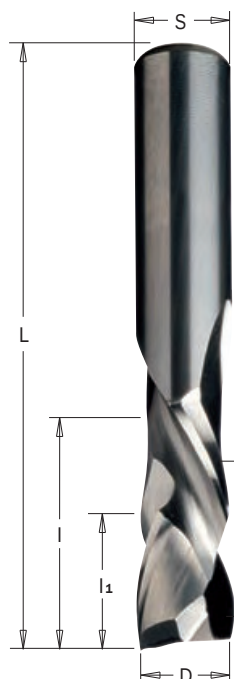
APPLICATION:

- Soft wood Good
- Hard wood Suitable
- Plywood Suitable



Router bits & Sets

Products	Page
Straight & Spiral bits	84~95
Trimmer & Profilers	96~104
Rebaters	105~107
Slotting & Grooving	108~112
Jointing	113~120
Dovetail	121~123
"V" Groove & Chamfer	124~126
Drawer pull & Radius	127~131
Ovolo & Rounding over	131~136
Bead & Ogee bits	137~141
Molding bits	142~147
Panel bits	147~153
Solid surface bits	154~158
Router bit sets	159~170

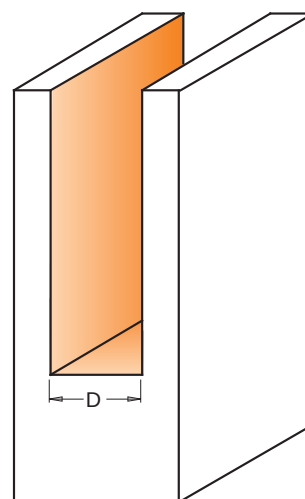
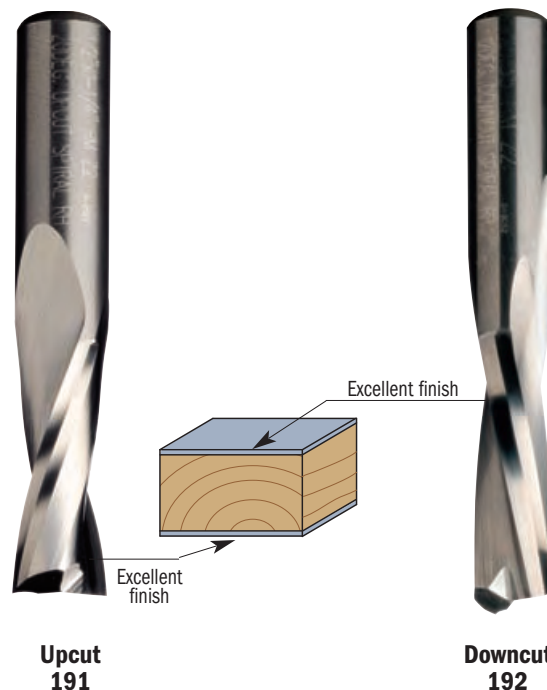
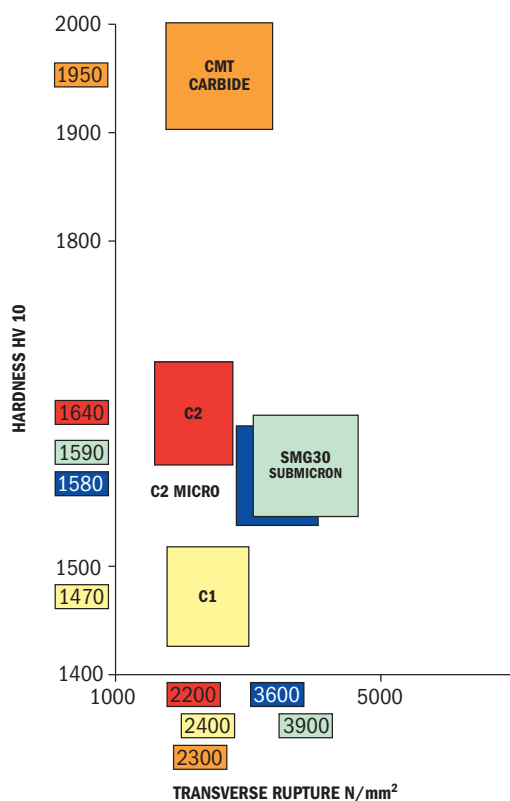


190-191-192

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 yourselves the extraordinary quality-price ratio of these bits!

Upcut & Downcut 190



Drawing are 1:1 scale

... Z2+2 upcut & downcut spiral

190

D mm	I mm	I ₁ mm	L mm	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	190.080.11				
9,53	31,75	7	76,2		190.504.11			
10	32	7	80			190.100.11		
12	42	7	90				190.120.11	
12,7	25,4	16	76,2					190.505.11
12,7	28,6	16	76,2					190.506.11
12,7	34,9	16	88,9					190.507.11
12,7	41,3	16	101,6					190.508.11

... 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	27	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	27	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

Straight bits

HWM Z1 Z2 RH

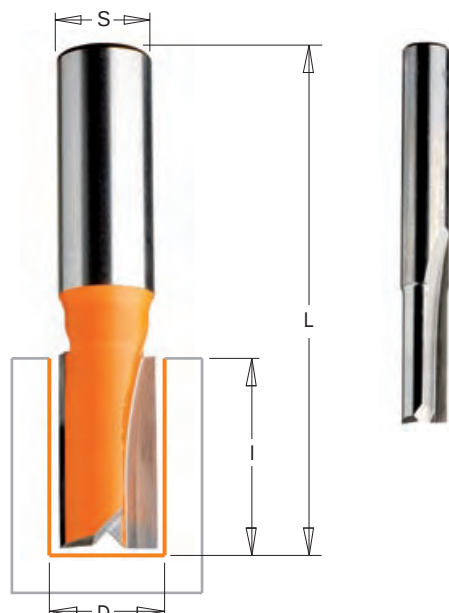
7/8/911

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.

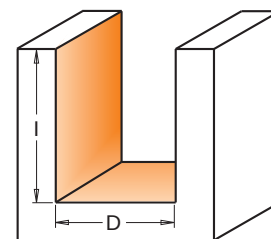
The surface of all CMT bits is protected with our trademark orange non-stick PTFE to help keep the bit from collecting resin, pitch and other residue.

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.

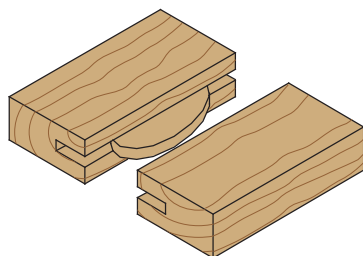
CMT produces 91 types of straight bits in a wide range of diameters so you can find exactly what you want.



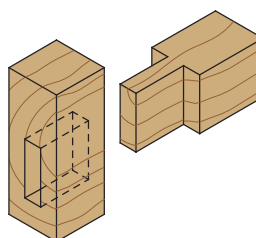
The cutting edge top sharpening on 9mm. diameter bits and larger allows for short plunging operations.



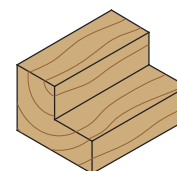
Drawing are 1:1 scale



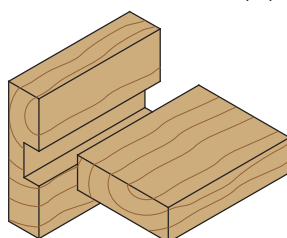
Biscuit joint using bit #7/8/911.040.11



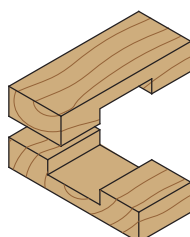
Mortise and Tenon



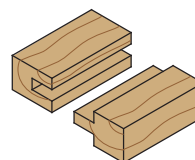
Rabbet



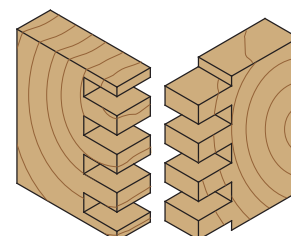
Right-angle joint



Union



Tongue and groove joint



Box joint

Plywood groove set

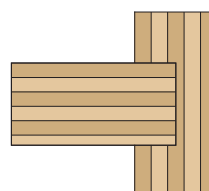
811

HW HWM Z2 RH

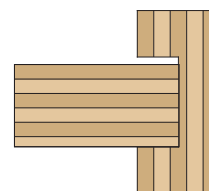
Our Plywood Groove Bits are designed specifically for routing grooves and dadoes for joints in plywood. That means they match the true thickness of plywood, producing tight, accurate joints. Use our 18,2mm bit for 19mm plywood, 12,3mm bit for 12,7mm plywood and our 6mm for 6,35mm ply. No gaps or sloppy 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 12,30mm 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

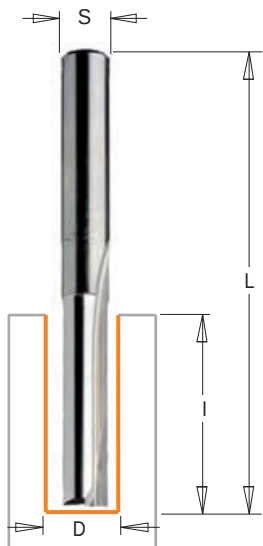
Bits for Hand
Power Tools

Spare Parts

Power Tools
& Accessories

Display Cabinets

Straight bits, long series

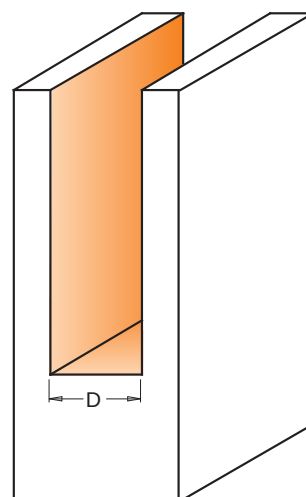


7/8/912

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.

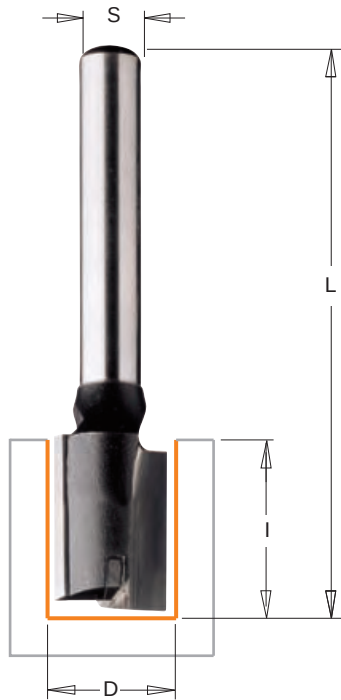


Drawing are 1:1 scale

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	
10 pcs. in masterpack							812.628.11-X10

• HWM

Straight bits



174-177

These industrial straight bits are made of a kind of stainless steel specifically created to support hard work on route machines and CNC routers.

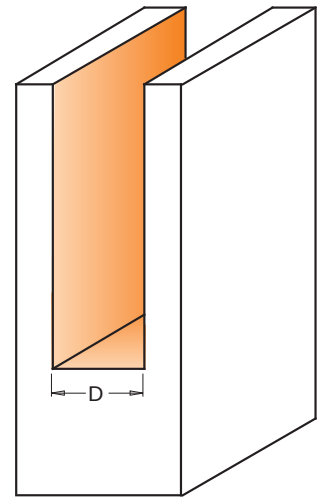
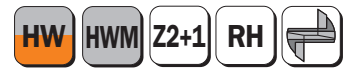
Its cutting plunging edge will allow you to execute any kind of drilling and trimming jobs on soft and hard wood, wood composites and also plastic and laminated materials.

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

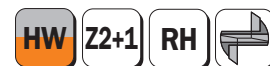
This particular kind of cutting plunging edge allows long-lasting performance on drilling operation.



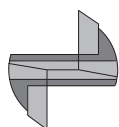
Drawing are 1:1 scale

D mm	I mm	L mm	ORDER NO. S=Ø8mm
• 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
• 9	20	55	174.090.11
10	20	60	174.100.11
10	40	90	174.101.11
11	20	60	174.110.11
12	20	60	174.120.11
12	40	90	174.121.11
13	20	60	174.130.11
14	20	60	174.140.11
14	40	90	174.141.11
15	20	60	174.150.11
16	20	70	174.160.11
16	40	90	174.161.11
18	20	70	174.180.11
new 18	30	70	174.181.11
new 18	40	80	174.182.11
new 19	20	70	174.190.11
20	20	70	174.200.11
new 20	30	70	174.201.11
22	20	70	174.220.11
24	20	70	174.240.11
new 25	20	70	174.250.11
26	20	70	174.260.11
28	20	70	174.280.11
new 29	20	70	174.290.11
30	20	70	174.300.11

D mm	I mm	L mm	ORDER NO. S=Ø12mm
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
30	35	90	177.300.11
35	35	90	177.350.11



170-171-180-181



HW plunge centre tip

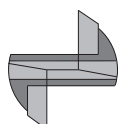
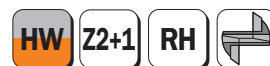
TECHNICAL DETAILS:

- Super strength steel
- 2 alternating precision ground HW [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.

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	

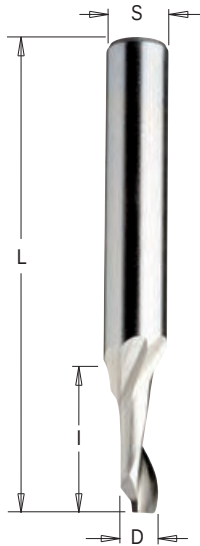
173-182



HW plunge centre tip

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	

HS 5%co spiral bit for aluminium positive single flute

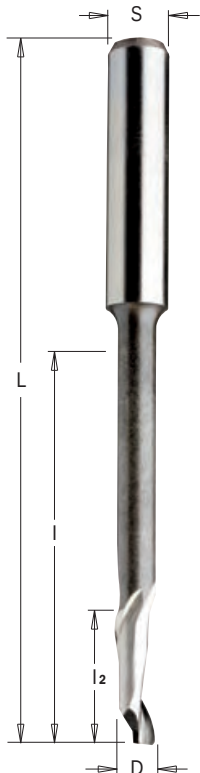


188

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

HS 5%co spiral bit for aluminium positive single flute for high cutting depth



189

HS Z1 RH

D mm	I mm	I ₂ 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

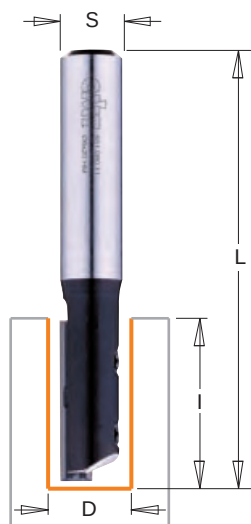
TECHNICAL DETAILS:

- Premium quality solid HS 5%co
- 1 up cut spiral cutting edge
- Upward chip ejection

APPLICATION: the single flute design of these tools, which carves rather than pushes the material, makes them equally effective in all types of aluminium.

The end result is that the tools provide more flexibility than the traditional bits, better finishes and higher productivity.

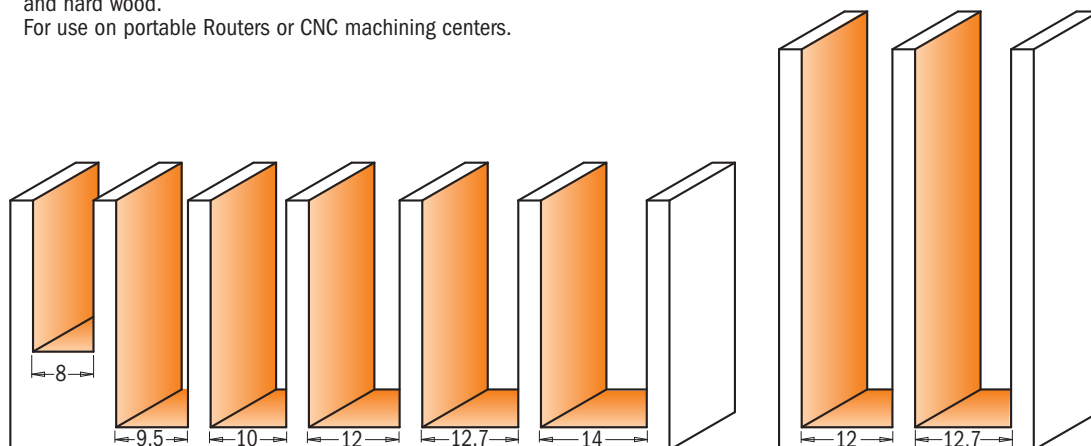
Straight router bits with knives



651-652

Straight router bit with one replaceable miniknife and fixing wedge. Radial and axial groove for better positioning and security of axial knife moving. For finishing and routing, plunge cutting and grooving in boards materials (laminated DTD, MDF) and hard wood.

For use on portable Routers or CNC machining centers.



Drawings are 1:1 scale

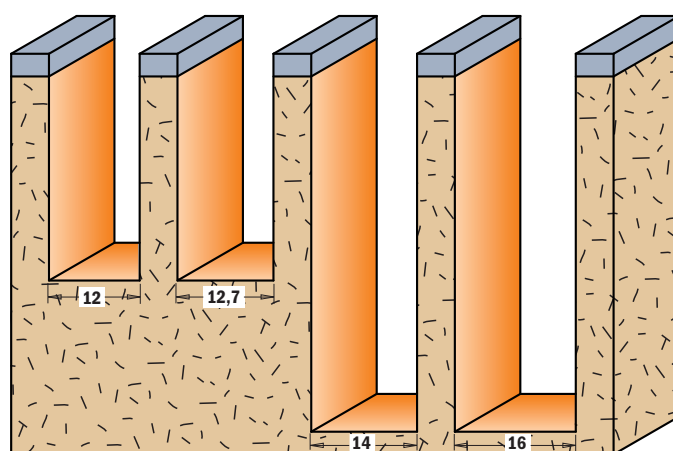
D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
							Knives	Wedge	Screw	Key
8	20	60	651.079.11				790.200.01	651.999.01	990.071.00	991.063.00
8	20	60		651.080.11			790.200.01	651.999.01	990.071.00	991.063.00
8	20	67			651.081.11	651.681.11	790.200.01	651.999.01	990.071.00	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				790.200.01	651.999.01	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 knives for laminated



652

Straight trimmer bits with one replaceable knife fixed by Torx screw. For specialist application requiring low down-time and economy. The knives 29,5x9x1,5mm give 40mm length of cut when taking a series of passes. For routing, trimming and grooving in boards materials (laminated chipboards, worktops panels, MDF). For use on portable Routers.



Drawings are 1:1 scale

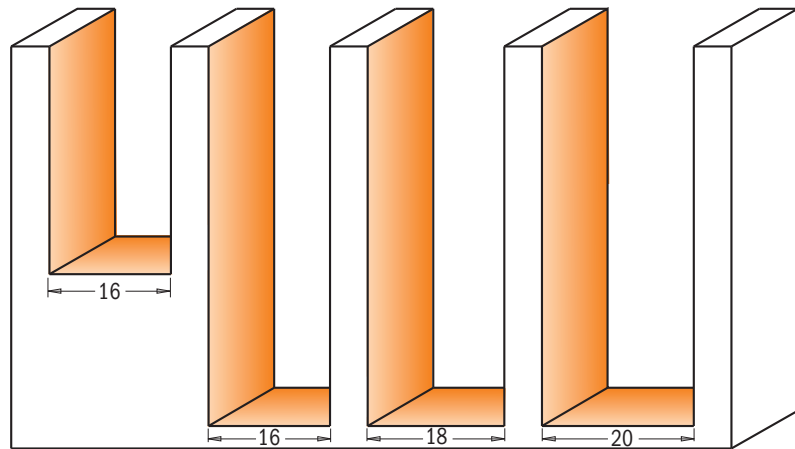
D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
						Knives	Screw Torx M3,5x3,5x5,5mm	Key Torx T15
12	29,5	79	652.120.11			790.295.09	990.072.00	991.061.00
12,7	29,5	89			652.627.11	790.295.09	990.072.00	991.061.00
14	50	96		652.141.11		790.500.09	990.072.00	991.061.00
16	50	96		652.161.11		790.500.09	990.072.00	991.061.00

Straight router bits with knives



653

Straight router bit with one replaceable plunging knife and one side knife fixed by special Torx screws. The body is precise balanced. For finishing and routing, plunge cutting and grooving in boards materials (laminated chipboards, MDF) and hard wood. For use on portable Routers or CNC machining centers.

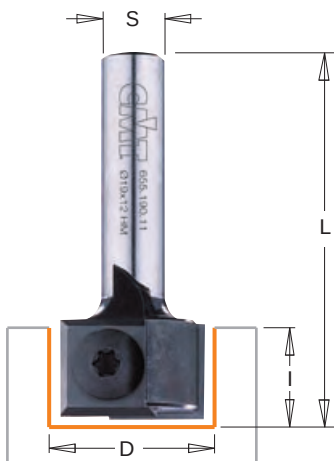


Drawings are 1:1 scale

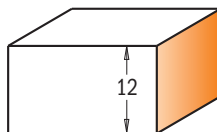
D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	ORDER NO. S=Ø20mm	Spare parts			
							Knives_side	Screw_side	Knives_top	Screw_top
15,8	28,3	91			653.158.11		790.283.12	990.074.00	790.075.00	990.072.00
15,8	48,3	111			653.159.11		790.483.12	990.074.00	790.075.00	990.072.00
16	28,3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

Spare parts 991.061.00 Torx key T15

Straight router bits with knives



655



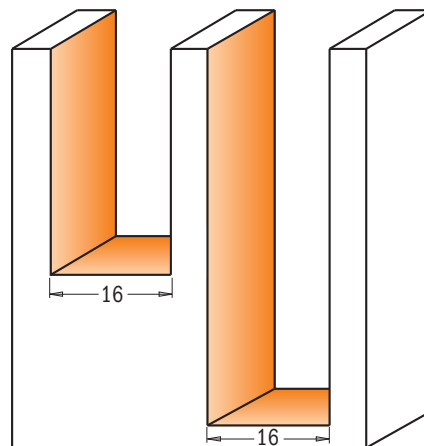
Drawings are 1:1 scale



654

654-655

Straight router bit with two replaceable knives fixed by special Torx screws. The blade is sharpened on the top with 3° angle for better plunging operation.



Drawings are 1:1 scale

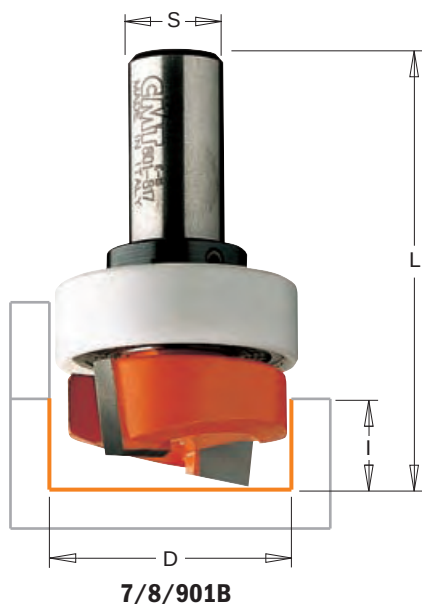
D mm	I mm	L mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	ORDER NO. S=Ø20mm	Spare parts		
							Knives	Screw Torx T15	Key Torx T15
16	28,3	76	654.160.11				790.283.12	990.073.00	991.061.00
16	28,3	86		654.161.11	654.661.11		790.283.12	990.073.00	991.061.00
16	48,3	105		654.162.11		654.662.11	790.483.12	990.073.00	991.061.00
19	12	45	655.190.11				790.120.11	990.075.00	991.061.00

Mortising bits



7/8/901 - 7/8/901B

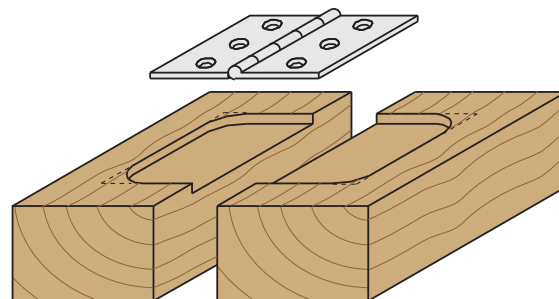
Equipped with thick carbide tips and negative shear angle design, CMT mortising bits guarantee you a flawless performance. Mortise perfect hinges with no splintered edges or rough bottoms. They also make an easy job of piece work in both natural wood and wood composites. Fit most popular mortising jigs.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



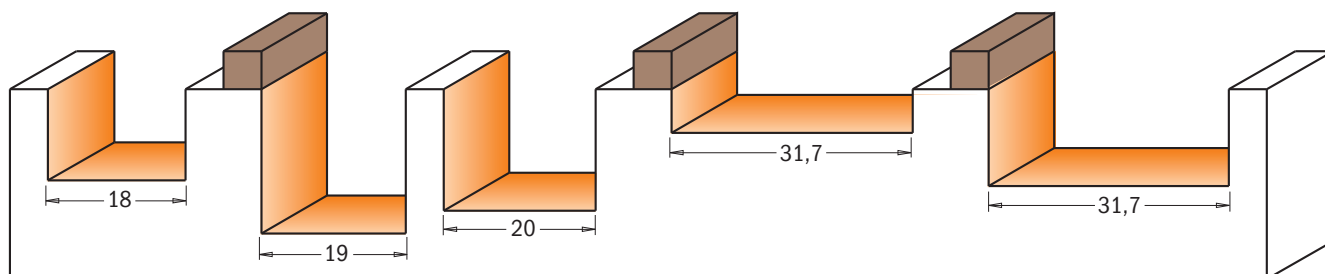
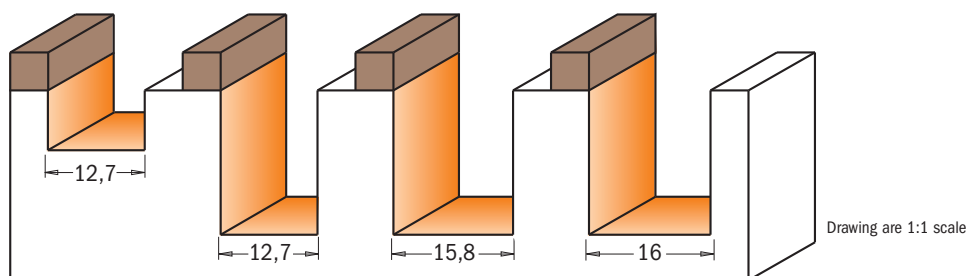
7/8/901B



7/8/901



This is an example of how to use a CMT mortising bit to fit a hinge.



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	7,9	46		801.128.11				Bearing	Stop collar	Hex key 1,5mm
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	12	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	7,9	46		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

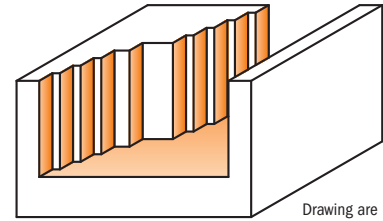


7/902

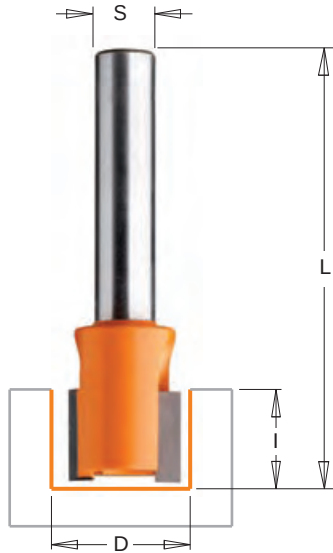
CMT hinge recesser bits are ideal for shallow lateral routing cuts such as recessing hinges.

Shop Tips: Corners will require final trimming square with a hand chisel or a corner chisel.

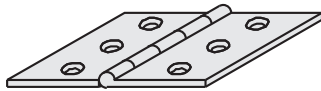
The special construction allows good chip clearance and plunging.



Drawing are 1:1 scale



Ideal for recessing hinges cuts



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
20	11	38	702.200.11	902.200.11
22	11	38	702.220.11	902.220.11
new 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

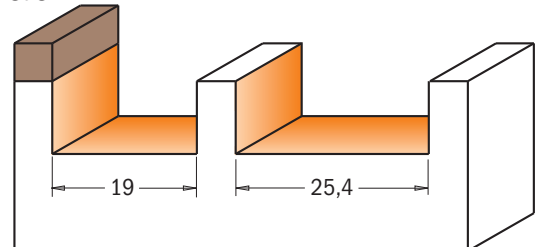


852

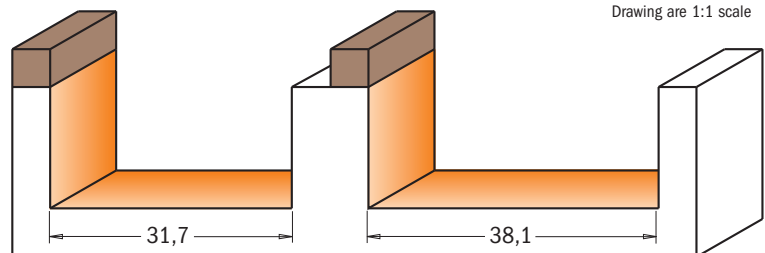
852/852B



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 of piece work in both natural wood and wood composites. We offer bits to fit most popular mortising jigs.



Drawing 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		Bearing	Stop collar	Hex key 1,5mm
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



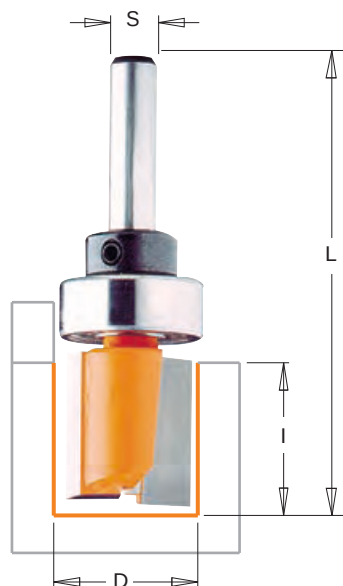
7/8/911B - 7/8/912B

Whether you are a full time professional or a part time woodworking enthusiast, discover the unlimited possibilities of template routing with a CMT pattern bit. Pair up these double fluted bits with your choice of template to produce cabinet and furniture pieces, signs, toys and any other creative project. Carbide tipped to last longer, CMT pattern bits are equipped with the bearing above the cutter letting you work with the template on top of the wood.

This gives you a clear view of what you are routing so you can work confidently and accurately.

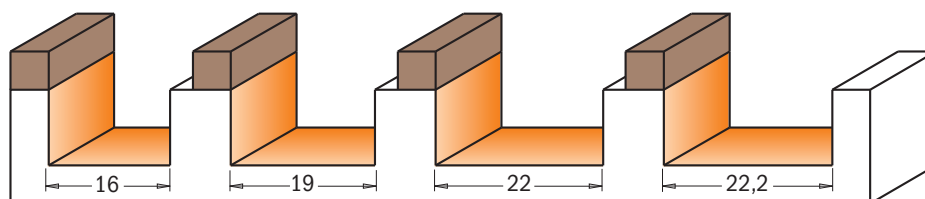
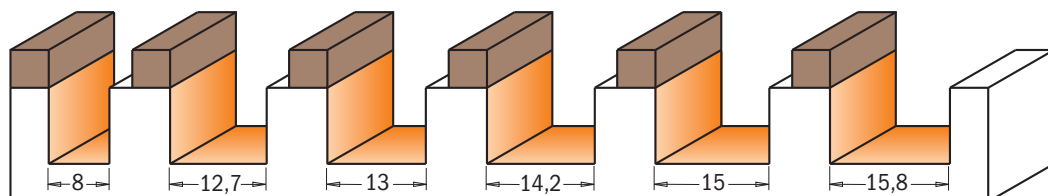
Safety tips: Make sure your router is in top condition. The template must be securely fastened to the work piece.

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



7/8/911B

7/8/912B



Drawing 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		
								Bearing	Stop collar	Hex key 1,5mm
8	25,4	70		811.081.11B				791.010.00	541.001.00	991.056.00
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

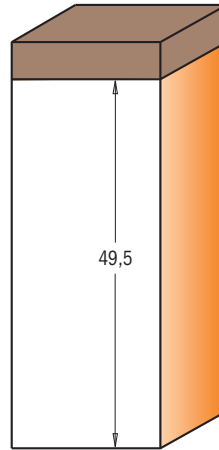
*Shank Ø9,5mm with bushings Ø9,5/12,7mm (799.001.00)

Straight router bits with knives



652B

Straight trimmer bits with one replaceable knife fixed by Torx screw. For specialist application requiring low down-time and economy.
Pattern bit type 652B is equipped with the top bearing for use template. For routing, trimming and grooving in boards materials (laminated chipboards, worktops panels, MDF).
For use on portable Routers.



Drawings are 1:1 scale

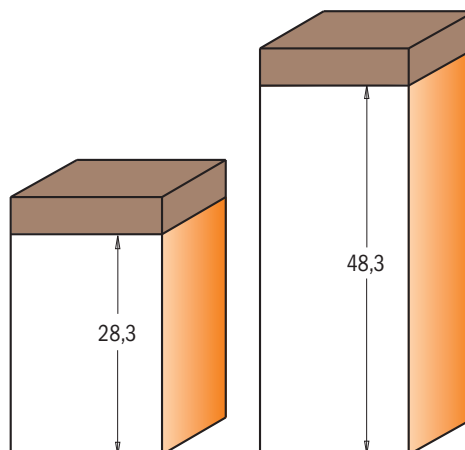
D mm	I mm	L mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts					
19	49,5	100	652.690.11B	652.691.11B	Knives 49,5x9x1,5mm 790.495.09	Screw Torx T15 990.072.00	Key Torx T15 991.061.00	Bearing Ø12,7mm 791.011.00	Stop collar Ø12,7mm 541.002.00	Hex key 1,5mm 991.056.00

Straight router bits with knives for laminated



656

Pattern bit type 656 is equipped with the bearing above the cutter for use template. For finishing, routing and grooving in boards materials (laminated chipboards, MDF) and hard wood.
For use on portable Routers or CNC machining centers.



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				
19	28,3	69	656.190.11			Knives 790.283.12	Screw Torx T15 990.075.00	Key Torx 1,5mm 991.061.00	Bearing 791.034.00	Stop collar 541.004.00
19	28,3	79			656.691.11	790.283.12	990.075.00	991.061.00	791.011.00	541.002.00
19	48,3	100		656.692.11	656.693.11	790.483.12	990.075.00	991.061.00	791.011.00	541.002.00

Spare parts 991.056.00 Hex key 1,5mm

Weatherseal bits



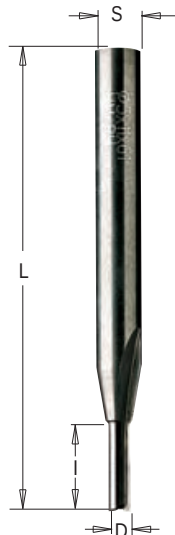
7/813.001



191.635



711.031

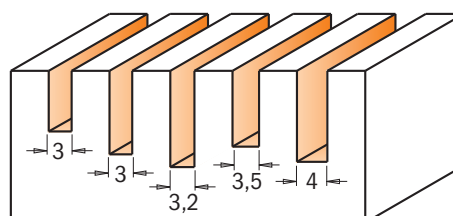


712.030
712.040
812.032

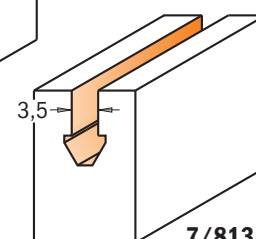
Make your house more energy efficient by insulating old doors and windows. A CMT Weatherseal bit is the perfect bit to re-groove door and window frames to accommodate wind blocking inserts. Made of solid carbide for strength and endurance.

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 cutting diameter.

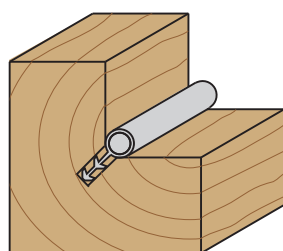
Make your house more energy efficient by insulating old doors and windows. A CMT Weatherseal bit is the perfect bit to re-groove door and window frames to accommodate wind blocking inserts. Made of solid carbide for strength and endurance.



Drawing are 1:1 scale

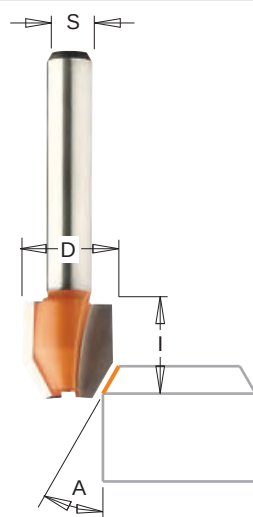


7/813.001.11



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

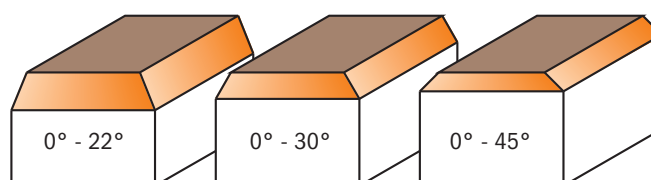
Combination trimmer bits



7/8/921

Work to your highest standards with the CMT combination trimmer bit. Now you can cut, trim and bevel all laminates without having to change bits. Get great results in straight or angle cuts in both hard and soft woods. CMT Combination bits are available in three popular sizes, each with carbide-faced cutting edges to efficiently execute bevel or straight edges.

NOTE: must be used with edge guide, separate bearing guide or fence.



Drawings are 1:1 scale

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

Combination trimmer bits



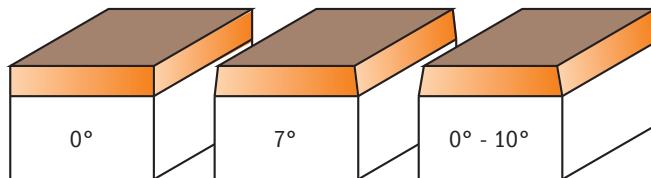
742.095 743.060 743.064
842.095 843.063 843.064

7/842-7/843



Work to your highest standards with the CMT combination trimmer bit. Now you can cut, trim and bevel all laminates without having to change bits. Get great results in straight or angle cuts in both hard and soft woods. CMT Combination bits are available in three popular sizes, each with carbide-faced cutting edges to efficiently execute bevel or straight edges.

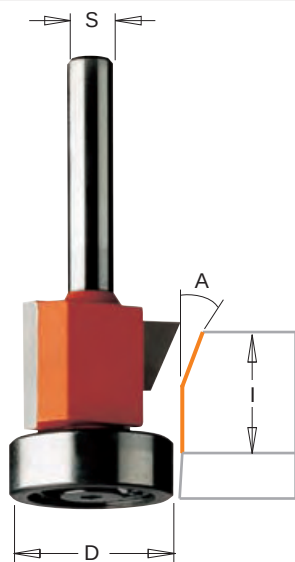
NOTE: must be used with edge guide, separate bearing guide or fence.



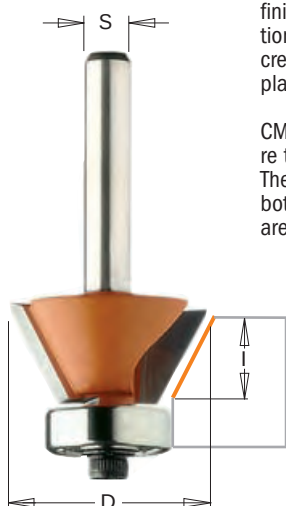
Drawings are 1:1 scale

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

Combination trimmer bits



707-907



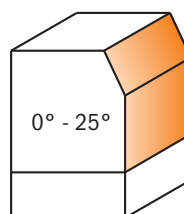
709-909
710-910

7/907 - 7/909 - 7/910

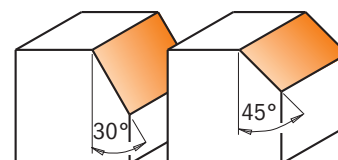


Using CMT Combination Flush and Bevel Trim Bits is the easiest and most precise way to put finishes on laminates. To achieve a variety of angles no changing is necessary; simply position the bit at the lowest cutting depth for perfect right angle cuts, or increase the height to create rounded off edges for angles up to 25°. Includes ball bearing guide for easy template work.

CMT Bevel and Chamfer bits are ideal for putting a superior finish on laminates. They feature two flutes for smoother cutting and specially coated bearings to protect your work piece. The cutting depth of the bit can be varied to obtain precise borders and rounded edges on both soft and hard woods. Perfect for making rounded edges on table legs and other soft areas on furniture pieces that may be easily damaged.

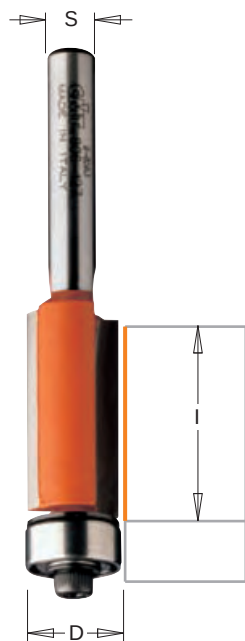


Drawings are 1:1 scale



A	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø8mm	Spare parts			
					Shield Ø12,7mm	Bearing	Screw	Key
0° - 25°	19 - 24,5	16 (10+6)	707.210.11	907.210.11		791.007.00	990.004.00	991.062.00
30°	27	9	709.260.11	909.260.11	990.423.00	791.018.00	990.058.00	991.057.00
45°	27	5,5	710.260.11	910.260.11	990.423.00	791.018.00	990.058.00	991.057.00

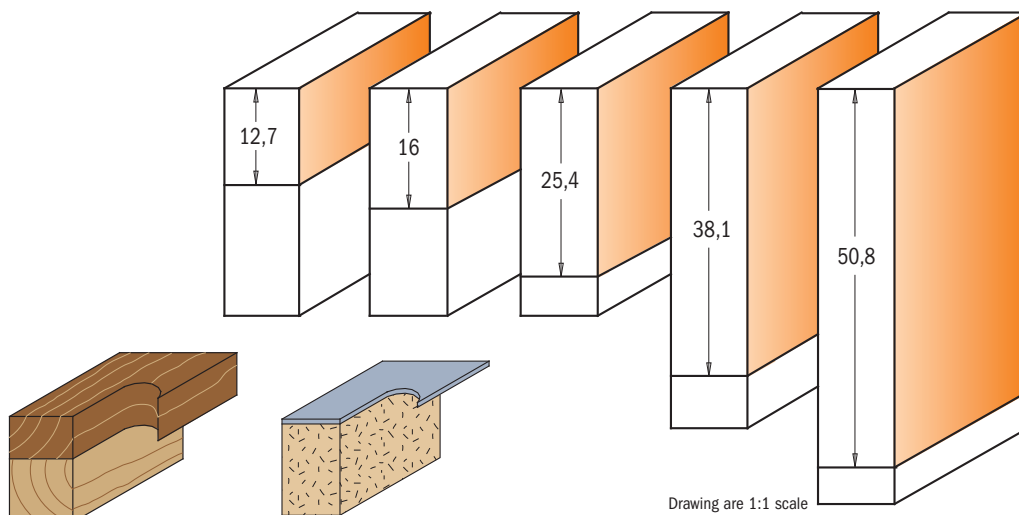
Flush trim bits



7/8/906

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

Shop Tips: These bits are excellent for making through mortise. Use a straight bit (#711.130.11) to groove the area to make the through mortise. With a drill bit (#517.130.31) bore a hole through the wood at one end of the groove. Turn the workpiece over to finish the mortise. Use a 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.



Drawing are 1:1 scale

• HWM

I mm	D 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	706.064.11	806.064.11				Bearing	Shield	Screw
12,7	9,5	706.096.11	806.096.11	906.096.11			791.035.00	541.350.00	
12,7	12,7	706.128.11	806.128.11	906.128.11	906.628.11	806.628.11	791.002.00	990.422.00	990.058.00
16	19	706.190.11		906.190.11			791.003.00	990.423.00	990.058.00
25,4	9,5	706.095.11	806.095.11	906.095.11			791.007.00		990.004.00
25,4	12,7	706.127.11	806.127.11	906.127.11	906.627.11	806.627.11	791.002.00	990.422.00	990.058.00
38,1	12,7				906.629.11	806.629.11	791.003.00	990.423.00	990.058.00
50,8	12,7				906.630.11	806.630.11	791.003.00	990.423.00	990.058.00
10 pcs. in masterpack			806.095.11-X10						
			806.096.11-X10						
			806.127.11-X10			806.627.11-X10			
			806.128.11-X10						
						806.629.11-X10			

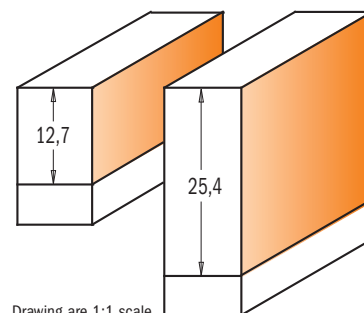
Spare parts 991.057.00 3/32" hex key for screw (990.058.00)
991.062.00 2,5mm hex key for screw (990.004.00)

Flush trim bit set



806

Indispensable in any shop. The new 3-piece trim bit set gives you the option to trim laminates or do template work in one convenient set. Individual bits are listed below.



Drawing are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø6,35mm
Flush trim bit set (Ø9,5 - Ø19mm)	806.001.11

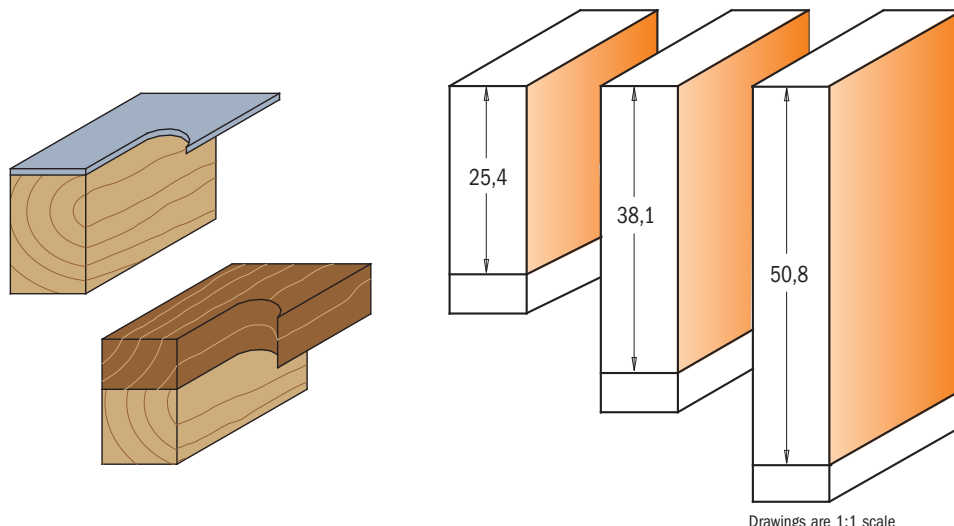
Super-Duty flush trim bits



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 3/4" cutting diameter set CMT flush trim bits apart from standard bits. Work quickly and safely to get a superior finish with absolute minimal chipping.

Safety Tip: Dust and chips from laminate materials are hazardous to your health and safety. Always wear a dust mask and eye protection when doing router work.

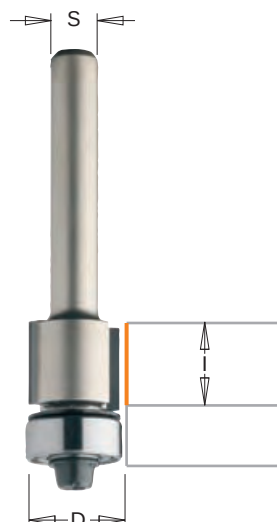


Drawings are 1:1 scale

I mm	D 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	706.191.11	806.191.11	906.191.11	906.691.11	806.691.11	Bearing Ø6,35mm	Shield Ø3,25mm	Screw TCEI 1/8W
38,1	19				906.692.11	806.692.11	791.004.00	541.550.00	990.058.00
50,8	19				906.690.11	806.690.11	791.004.00	541.550.00	990.058.00

Spare parts 991.057.00 3/32" hex key

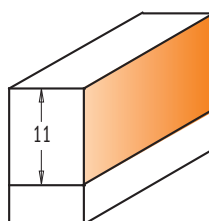
DP Flush trim bits for laminates



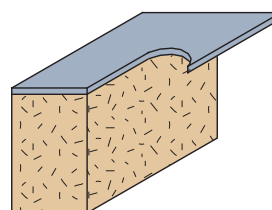
7/8/906

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 will save the cabinet manufacturer time and money as they last at least 20x's longer than conventional carbide tipped flush trim bits.



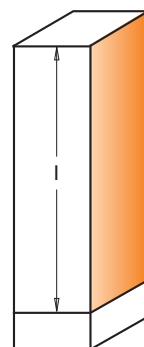
Drawings are 1:1 scale



30X
LONGER LIFE
THAN CARBIDE BLADES

I mm	D mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	Spare parts			
11	12,7	706.128.61	806.128.61	906.128.61	Shield Ø12,7mm	Bearing Ø4,76mm	Screw TCEI 1/8W	Hex key 3/32"
					990.423.00	791.003.00	990.058.00	991.057.00

Double-bearing spiral flush trim bits

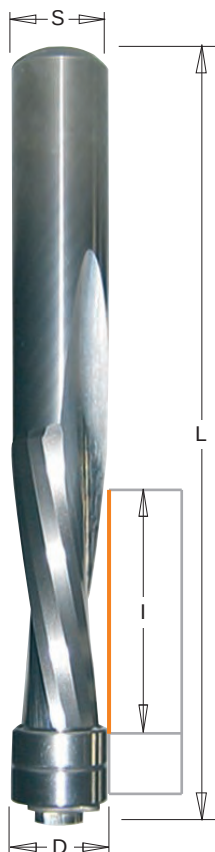


Drawings are 1:1 scale

190B-191B-192B

The new CMT solid carbide spiral flush trim bits are manufactured with a special super-micro-grain formulation that has increased hardness with a higher transverse rupture point.

Combined with the low helix 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.



			ORDER NO.				Spare parts	
D	I	L	S=Ø6mm	S=Ø6,35mm	S=Ø12mm	S=Ø12,7mm	Bearing	Seeger
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

3in1 Flush trim bit for laminates

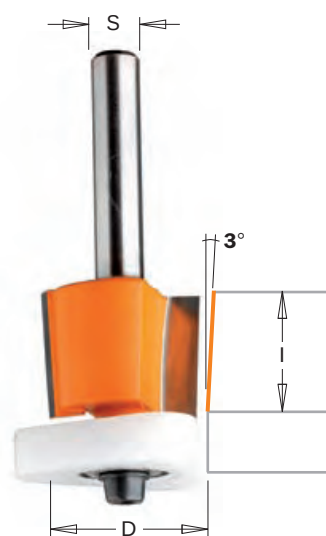


7/8/907

3in1 New flush trim bits with Delrin® Triangular bearings is your best partner for laminate trimming. Infact it solves 3 of the most common problems that occur in flush trimming in cabinet shops:

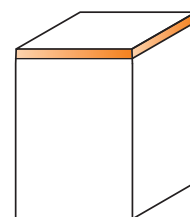
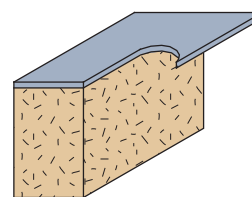
- 1) The freezing of the bearings from glue; infact the Delrin® with his anti-stick properties greatly reduces the likelihood of bearing failure.
- 2) The extended guide surface of the new Delrin® bearing will perfectly match the work surface without scratching like the steel bearing and guarantees the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

3in1 bit is ideal on plastic laminates as well as aluminium laminate!



Patent pending

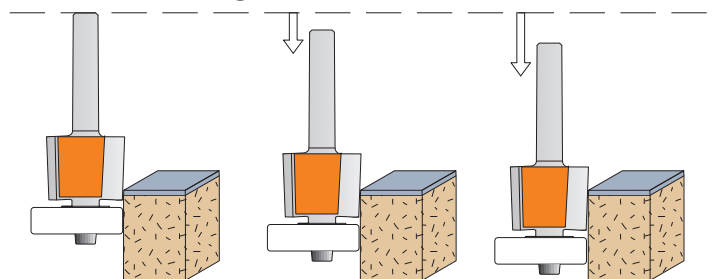
- Extended guide surface
- Non freezing
- Non scratch surface



Drawings 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. Just remember to adjust your bit up or down as for the illustration.



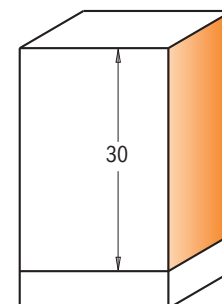
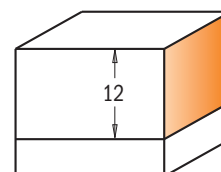
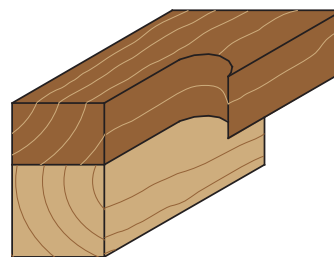
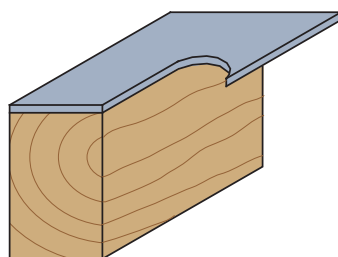
						Spare parts			
I	D	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.	Shield	Bearing	Screw TCEI	Hex key
mm	mm	S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12,7mm			1/8W	3/32"
12,7	12,7	707.128.11	807.128.11	907.128.11		990.422.00	791.042.00	990.058.00	991.057.00
15,87	19	707.190.11	807.190.11	907.190.11	807.690.11	990.423.00	791.043.00	990.058.00	991.057.00

Flush trim bits with knives



657

Flush trim bits with two replaceable knives fixed by special Torx screws. The blades are 2 or 4 sided sharpened and gives three 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.				Spare parts			
			S=Ø6mm	S=Ø6,35mm	S=Ø8mm	S=Ø12,7mm	Knives	Screw Torx M4	Key Torx T15	Bearing Ø6mm
19	12	56	657.194.11	657.192.11	657.190.11		790.120.00	990.075.00	991.061.00	791.007.00
19	30	74	657.195.11		657.191.11		790.300.00	990.075.00	991.061.00	791.007.00
19	30	87				657.692.11	790.300.00	990.075.00	991.061.00	791.007.00

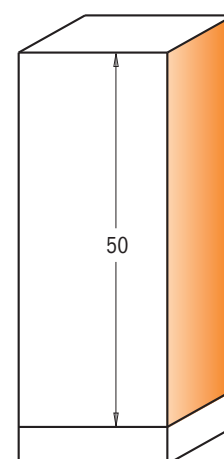
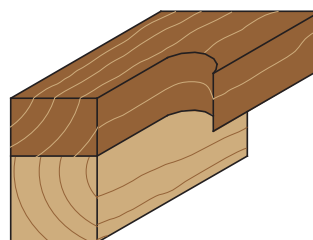
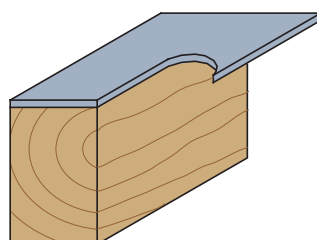
Spare parts
990.410.00 Shield Ø4.2/Ø9 for screw M4
990.052.00 Screw TCEI M4x6
991.067.00 Hex key 3mm

Straight router bits with knives for laminated



657

Flush trim bits with two replaceable knives fixed by special Torx screws. The blades are 2 or 4 sided sharpened and gives three extra new edges. Guided flush trim bits type 657 are equipped with the double bearing guides.



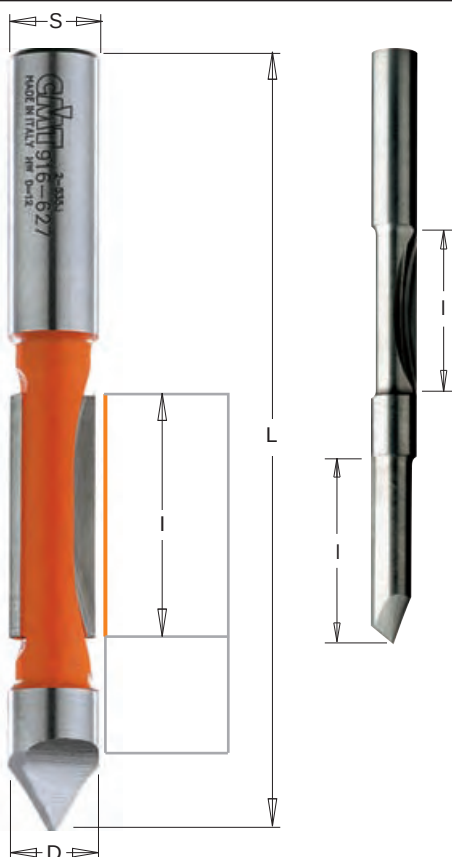
Drawings are 1:1 scale

D mm	I mm	L mm	ORDER NO.		Spare parts			
			S=Ø12mm	S=Ø12,7mm	Knives 50x12x1,5mm	Screw Torx M4x6	Key Torx T15	
19	50	112	657.991.11	657.992.11	790.500.00	990.075.00	991.061.00	

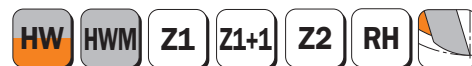
Spare parts
791.007.00 Ø6mm bearing
541.514.00 Shield Ø6,4mm
990.410.00 Shield Ø4.2/Ø9 for screw M4

990.052.00 Screw TCEI M4x6
991.067.00 Hex key 3mm

Panel pilot bits with guide



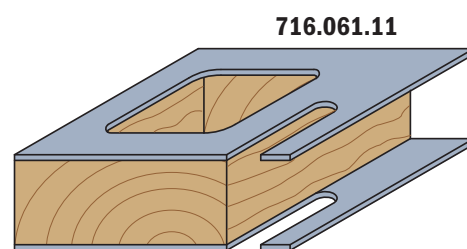
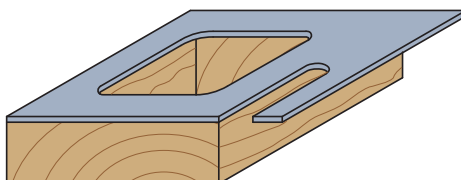
7/8/916 - 716.061



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.

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.



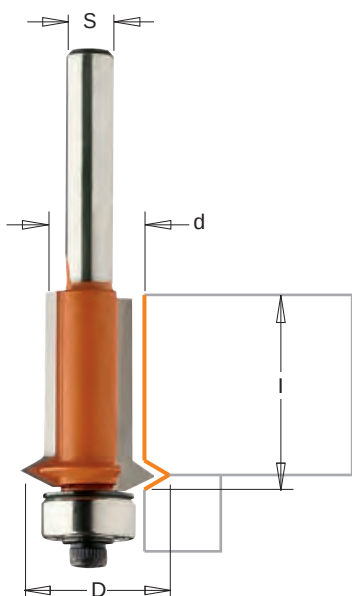
• HWM

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

816.627.11-X10

Panel pilot bits with guide

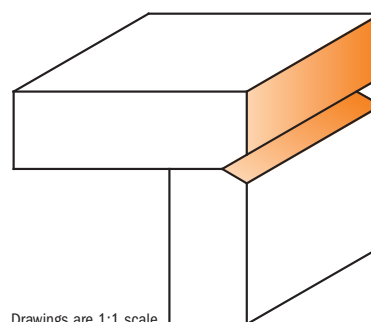


7/8/953



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.



Drawings are 1:1 scale

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	Spare parts			
12,7	19	25,4	753.001.11	853.001.11	953.001.11	953.501.11	853.501.11	Shield Ø12,7mm	Bearing Ø4,76mm	Screw TCEI 1/8W	Hex key 3/32"
								990.423.00	791.003.00	990.058.00	991.057.00

The CMT grand rabbet set



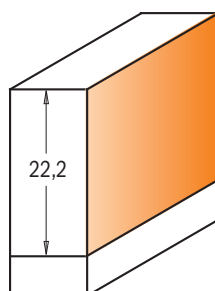
8/935.503



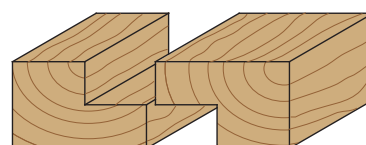
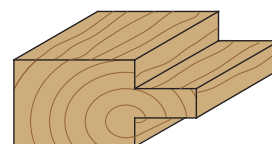
Your choice of "The Grand Rabbet" by CMT is an investment that shows your commitment to quality. This CMT product will deliver years of reliable service under normal use. For safe and trouble-free results please observe the following instructions and safety precautions.
The complete kit (item code 835-935.503.11), will enable you to produce 17 different 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.



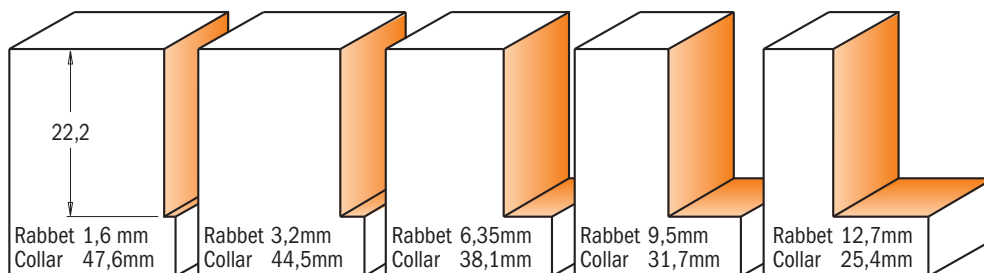
8/935.990



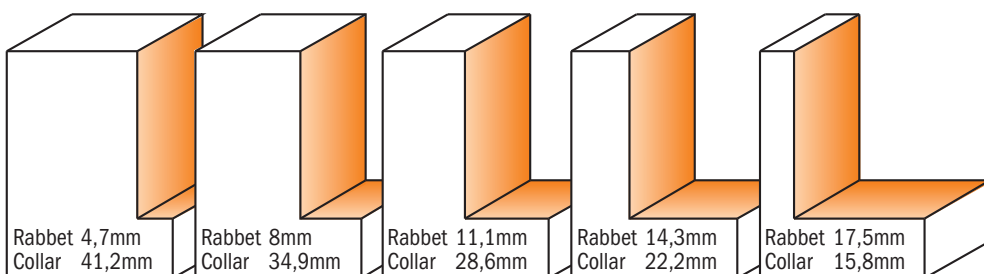
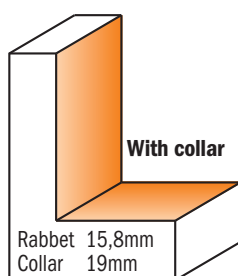
Flush trim with collar
order no. **799.517.00**



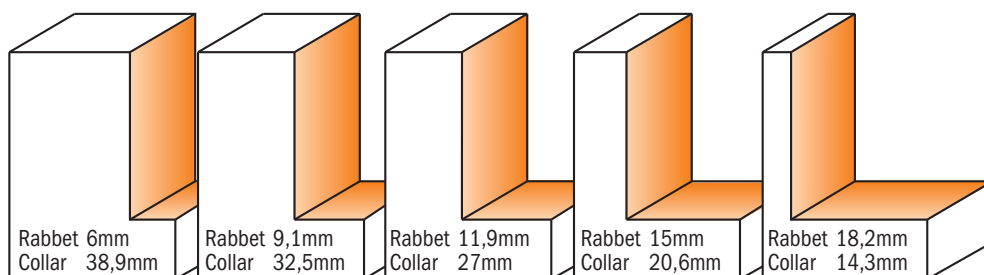
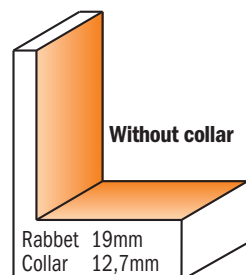
Order no. **791.705.00**



Order no. **791.706.00**

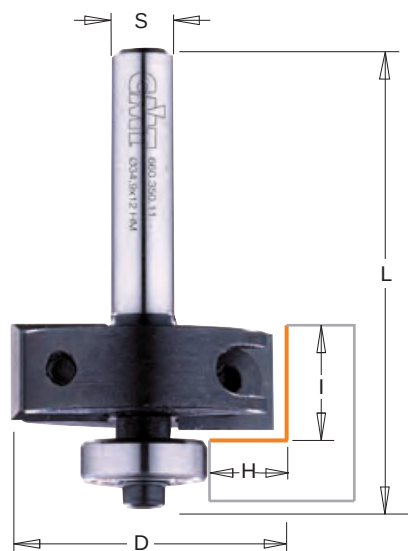


Order no. **791.707.00**



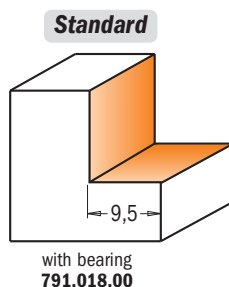
DESCRIPTION		ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
The CMT grand rabbet set (Ø50,8x22,2mm)		935.503.11	835.503.11
SET CONTAINS: The grand rabbet (bit only) Ø19mm		935.990.11	835.990.11
5 pcs. collar set (1,6 - 3,2 - 6,35 - 9,5 - 12,7mm rabbets)			791.705.00
5 pcs. collar set (4,7 - 8 - 11,1 - 14,3 -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

Rabbeting bits with knives

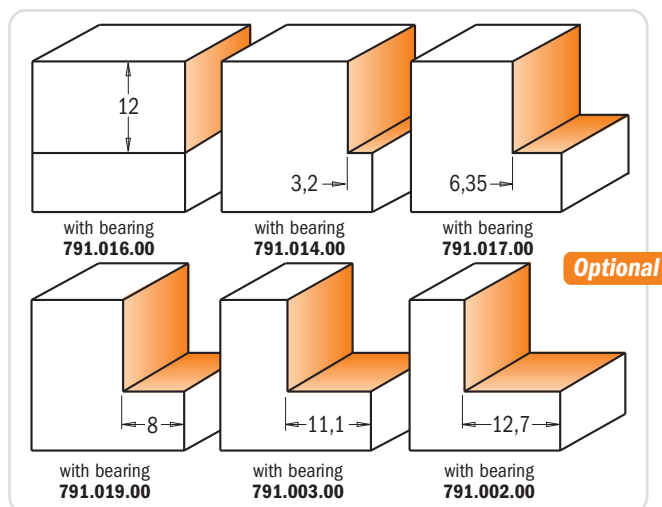


660

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 - 6,3 - 3,2 - 0mm. 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		Knives 12x12x1,5mm	Screw Torx M4x6	Key Torx T15	Bearing Ø15,8mm
9,5	34,9	12	65			660.851.11	790.120.00	990.075.00	991.061.00	791.018.00
							790.120.00	990.075.00	991.061.00	791.018.00

Spare parts
990.400.00 Shield Ø3.2/Ø7 for screw M3
541.552.00 Shield Ø3.25/Ø15.8 for screw M3

990.051.00 Screw TCEI M3x6
990.053.00 Screw TCEI M3x10

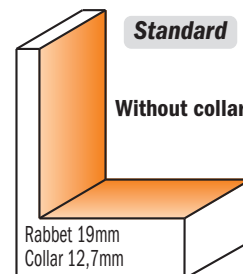
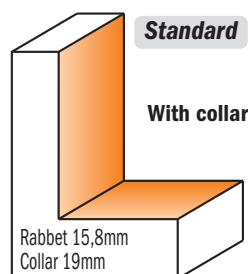
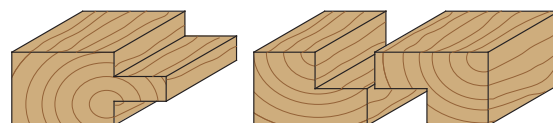
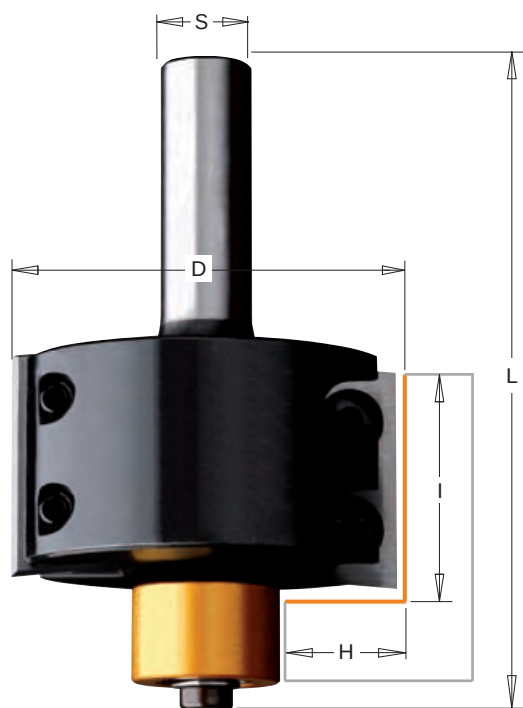
990.054.00 Screw TCEI M3x16
991.062.00 Hex key 2,5mm

Rabbeting bits with 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	Knives 28,3x12x1,5mm	Screw Torx T15	Key Torx T15	Bearing Ø12,7mm
						790.283.12	990.075.00	991.061.00	791.010.00

Spare parts
541.514.00 Stop collar for Ø6,4mm
799.503.00 Bushings Ø19,05mm
990.410.00 Shield Ø4.2/Ø9 for screw M4
990.052.00 Screw TCEI M4x6
991.067.00 Hex key 3mm

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)

Rabbeting bits



7/8/935

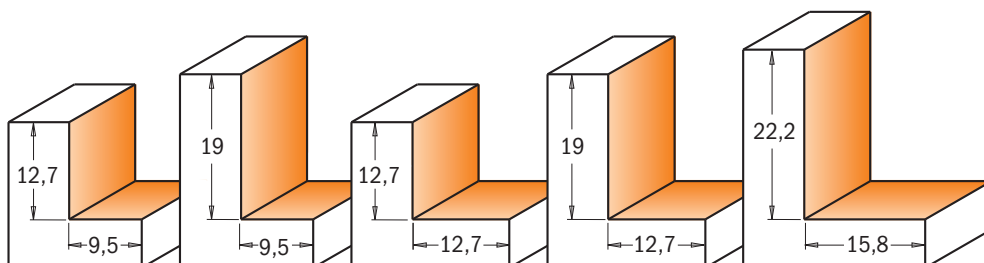


CMT carbide-faced rabbeting bits are fast and accurate - you can quickly produce inset doors and drawer fronts, make strong rabbet joints, mill perfect tongue and groove joints or any number of other jobs that before were time consuming and difficult.

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



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	Spare parts		
								Shield	Bearing	Screw TCEI 1/8W
9,5	31,7	12,7	735.317.11	835.317.11	935.317.11	935.817.11	835.817.11	990.423.00	791.003.00	990.058.00
9,5	31,7	19	735.318.11		935.318.11			990.423.00	791.003.00	990.058.00
12,7	34,9	12,7	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				935.851.11	835.851.11	990.422.00	791.002.00	990.058.00
16	50,8	22				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 Bushings 19,05mm (8/935.990.11)
541.514.00 2mm spacer (8/935.990.11)

Rabbeting sets



7/8/935.001

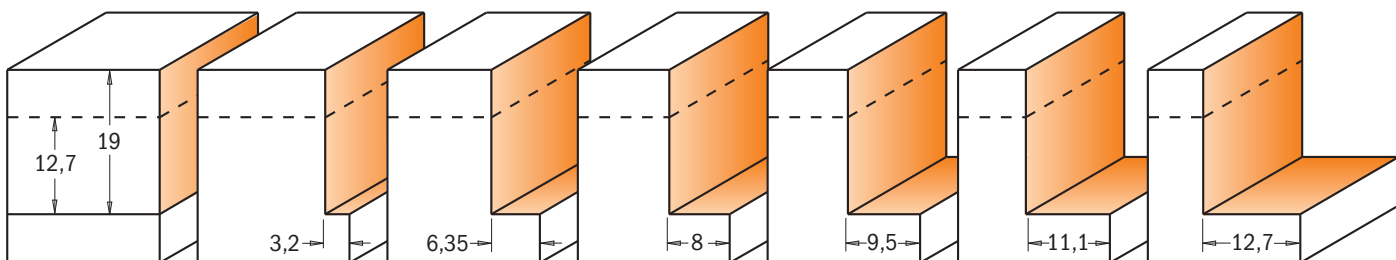


CMT rabbeting sets allow you to make a limitless number of cuts by adjusting the cutting height on your router and changing the bearing on the bit.

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

Keyhole bits

HWM **Z2** **RH**

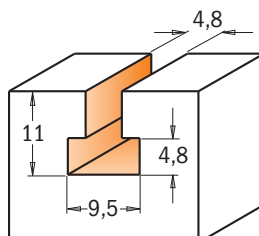
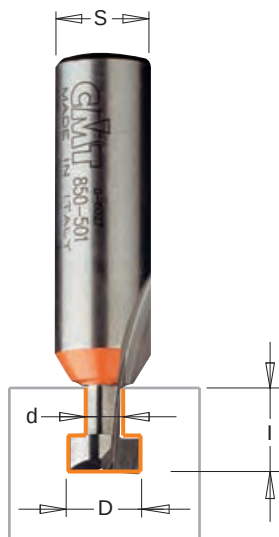
7/8/950.001

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.

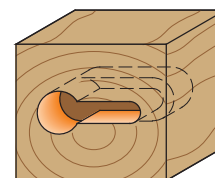
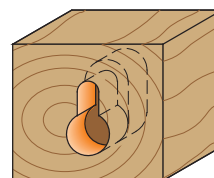
The bit bores an entry hole in the wood, then proceeds to cut a 4,8mm hole and finishes by boring a larger opening under the surface. The perfect way to securely mount wall hangings on screws and nails.

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**

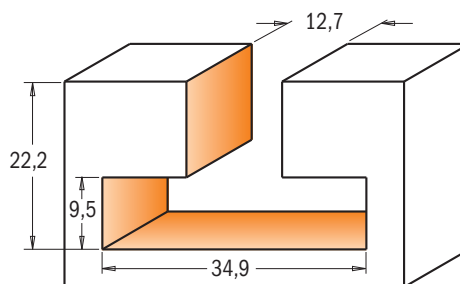
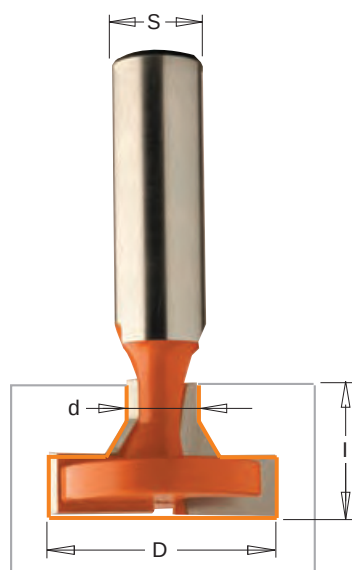
8/950.601-602 - 8/950.603

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.

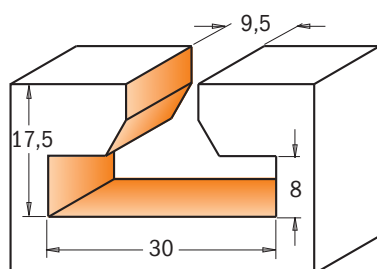
Safety Tips: Be sure the workpiece is securely fastened to the router table or work bench.

Shop Tips: Recommended for use with a plunge router.

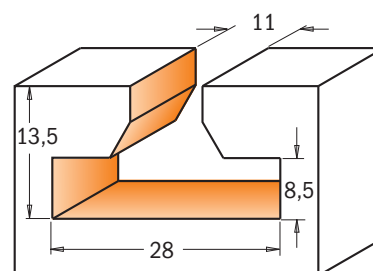


Drawings are 1:1 scale

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

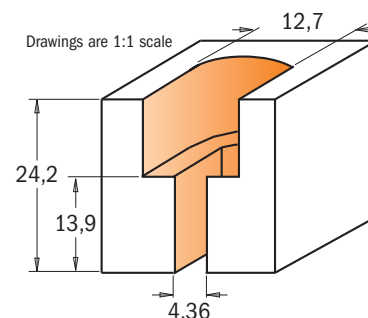
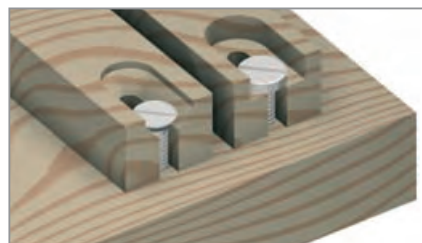
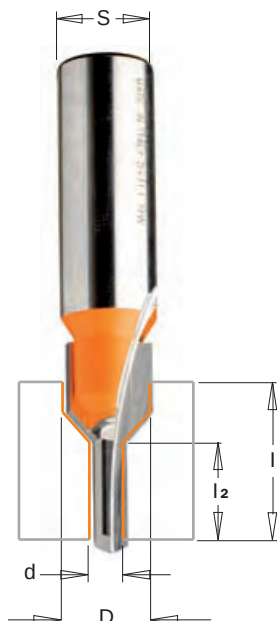
Screw slot bits



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.



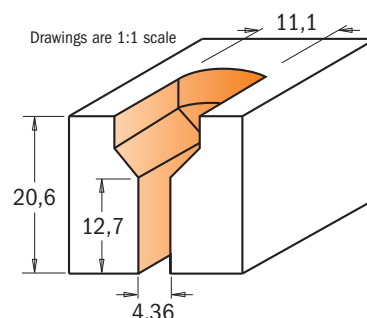
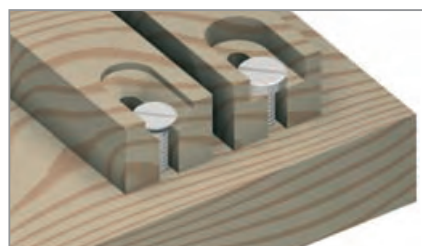
D mm	d mm	l mm	l ₂ mm		ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
11,1	4,36	20,6	12,7		913.201.11	813.701.11

Screw slot bits

813.601 - 913.101



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

Slot cutters

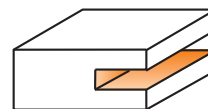
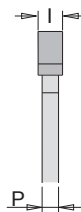
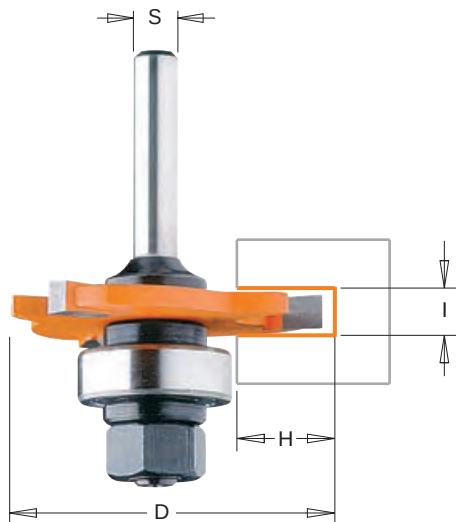


7/8/922A/B

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.



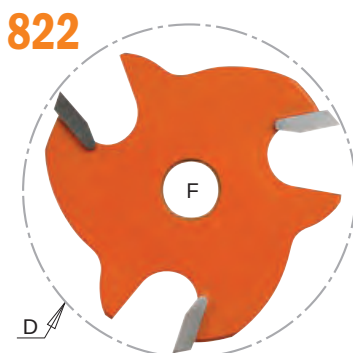
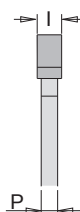
I mm	P mm	D mm	H mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
1,5	1,07	47,6	12,8	722.315.11A		922.315.11A	922.315.11B	
1,6	1,07	47,6	12,8		822.316.11A			822.316.11B
2	1,27	47,6	12,8	722.320.11A	822.320.11A	922.320.11A	922.320.11B	822.320.11B
2,4	1,27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



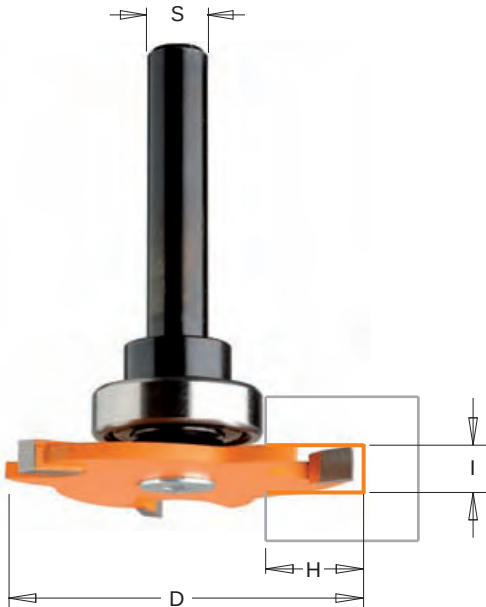
I mm	P mm	D mm	F mm	ORDER NO.
1,5	1,07	47,6	8	822.315.11
1,6	1,07	47,6	8	822.316.11
1,8	1,27	47,6	8	822.318.11
2	1,27	47,6	8	822.320.11
2,2	1,27	47,6	8	822.322.11
2,4	1,27	47,6	8	822.324.11
2,5	1,27	47,6	8	822.325.11
2,8	1,27	47,6	8	822.328.11
3	1,27	47,6	8	822.330.11
3,2	1,27	47,6	8	822.332.11
3,5	2,07	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

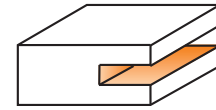
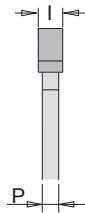
Slot cutter with arbor and bearing



923A - 823B



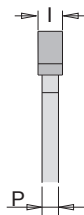
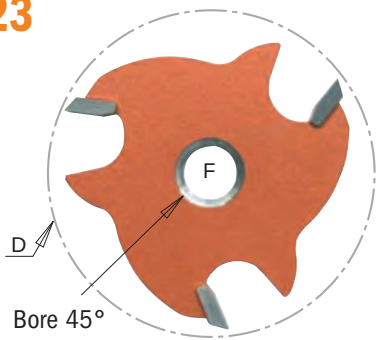
The possible uses of this bit are almost: you can rout grooves and rabbets, T or dovetail joints on wood panels. Each bit has three carbide tipped cutters and has an orange coloured PTFE coating, it features anti-kickback design too. The 22mm bearing is included for a cutting depth of 12,8mm. The bit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

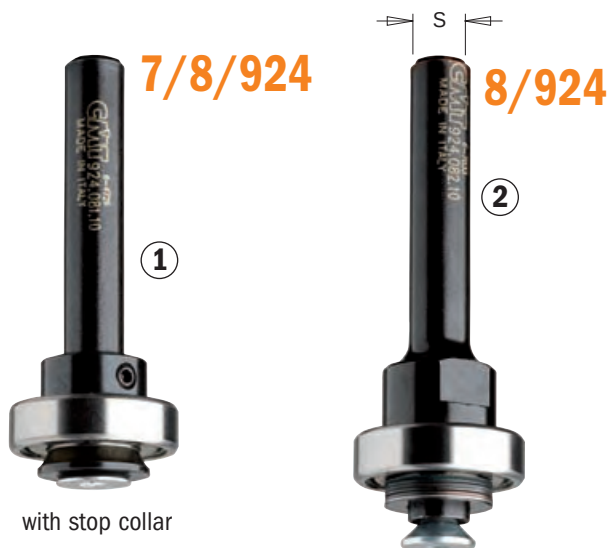
Slot cutter arbors

823

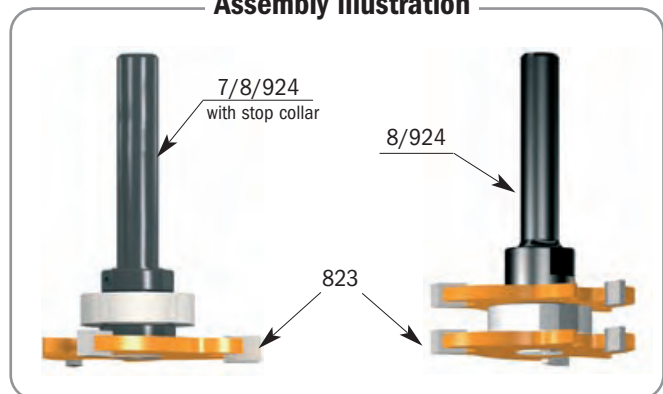


These three wing carbide tipped slot cutters feature anti-kickback three wing blade design and CMT's trademark orange PTFE Industrial Coating. All cutters feature an 8mm bore that fits CMT's arbors (items 7/8/924).

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	541.003.00 Stop collar for Ø6mm shanks	541.517.00 0,5mm spacer	
	541.001.00 Stop collar for Ø6,35mm shanks	541.004.00 Stop collar for Ø8mm shanks	541.518.00 1mm spacer	
	541.002.00 Stop collar for Ø12,7mm shanks	541.515.00 0,1mm spacer	990.055.00 Screw TSPEI M5x12mm	
	791.013.00 Ø12,7-22mm bearing	541.516.00 0,3mm spacer		

Three wing slot cutter set



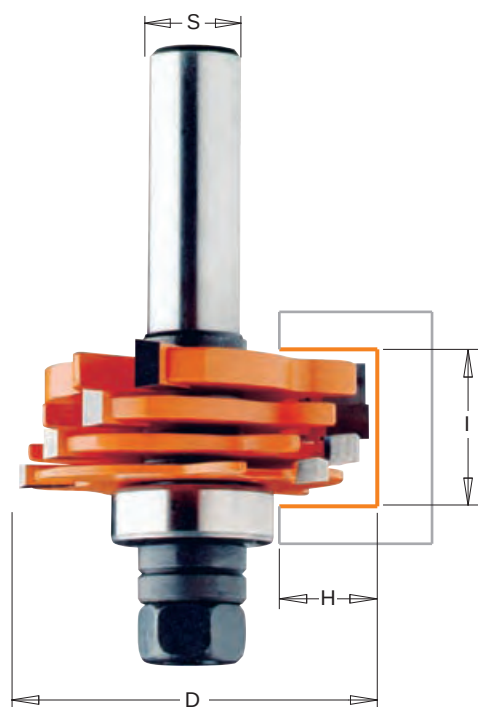
8/900.506

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:

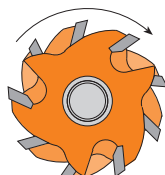
- 4 carbide tipped cutters 3,2mm, 4mm, 4,8mm, 6,4mm
- 1 arbor 12mm or 12,7mm
- 1 ball bearing (22mm) for 12,7mm cut
- 17 shims: (8x0,1mm - 4x0,5mm - 3x1mm and 2x4mm)

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.

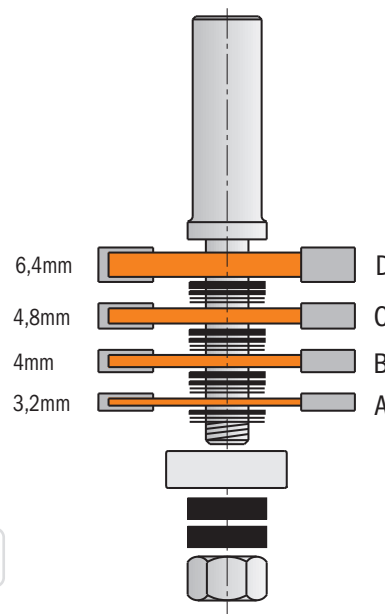


Note: The carbide edges of the cutters should never touch; arrange the shims as illustrated below. Use only the thicknesses provided in the set. Be sure all cutters are assembled in the proper right rotational direction below. Looking down the arbor the cutters will turn clockwise.



Cutter combination	Cutting height 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	791.711.00 Kit of two bearing 28,5mm and 34,9mm for slot cutter
924.128.00 Ø12mm arbor with shims	541.518.00 1mm spacer
541.515.00 0,1mm spacer	541.517.00 0,5mm spacer

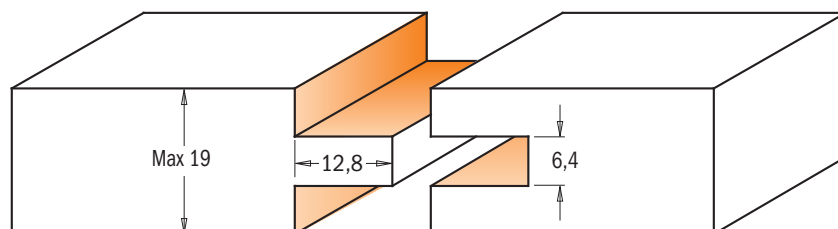
Tongue and groove set



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.

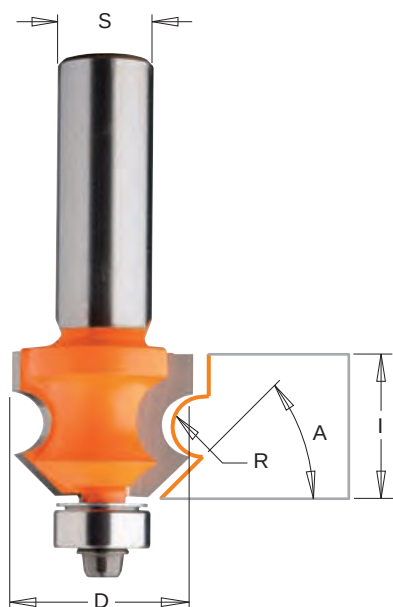


Drawing are 1:1 scale

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

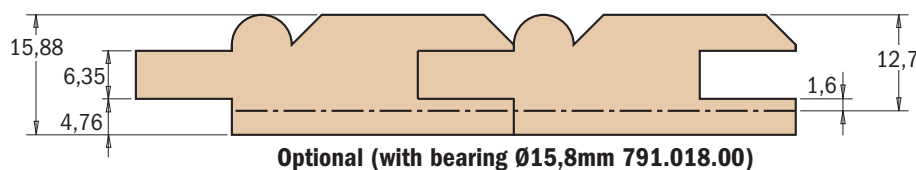
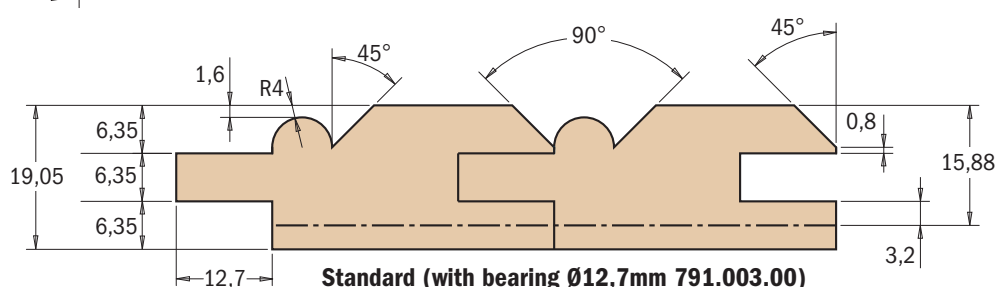
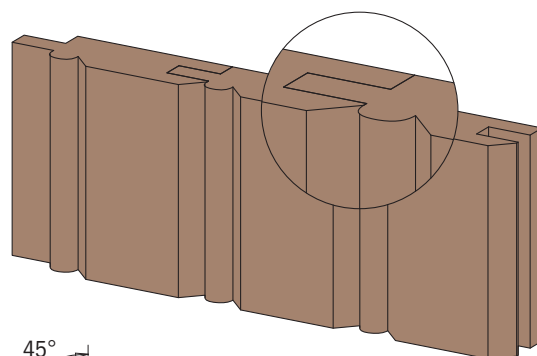
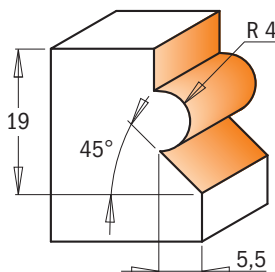
824.131.00 Ø12,7mm arbor with shims	541.515.00 0,1mm spacer	541.517.00 0,5mm spacer
924.131.00 Ø12mm arbor with shims	541.516.00 0,3mm spacer	541.518.00 1mm spacer



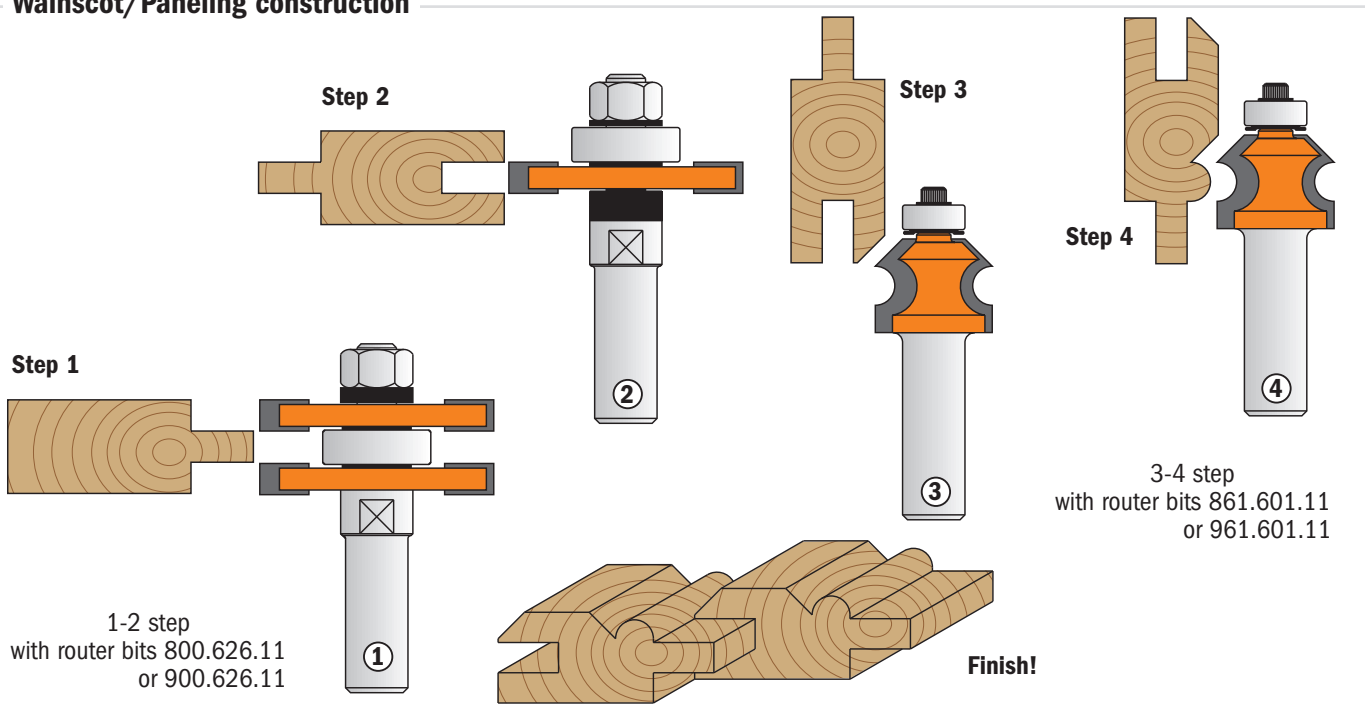
8/961.6

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.

Drawing are 1:1 scale



Wainscot/Paneling construction



D mm	I mm	R mm	A	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
23,8	19,05	4	45°	961.601.11	861.601.11	Shield Ø12,7mm	Bearing Ø12,7mm	Screw TCEI 1/8W	Hex key 3/32"
						990.423.00	791.003.00	990.058.00	991.057.00

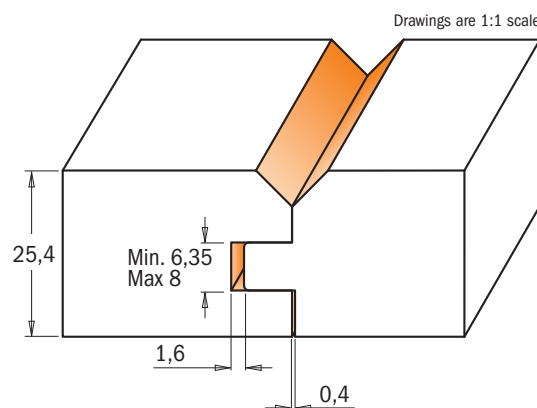
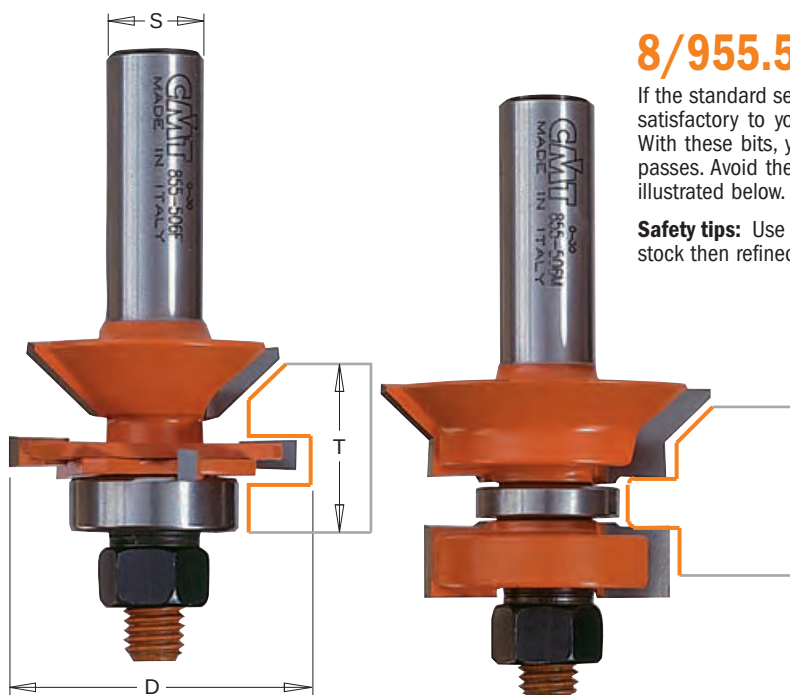
V-Tongue and groove set

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.



Drawings are 1:1 scale

D mm	T mm						ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
44,4	19÷25,4						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

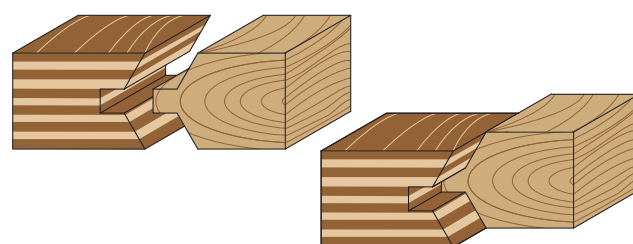
Edge Banding bits set

new

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.



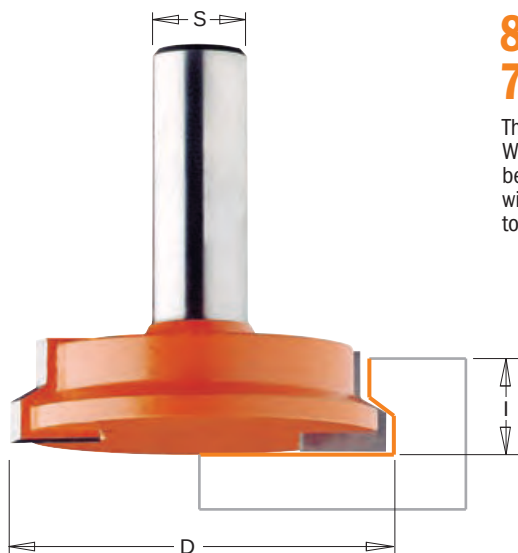
Drawings are 1:1 scale

D mm	I mm	A	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
40	25,4	30°	955.510.11	855.510.11	Shield Ø12,7mm	Bearing Ø15,8mm	Screw TCEI 1/8W	Hex key 3/32"
					990.423.00	791.018.00	990.058.00	991.057.00

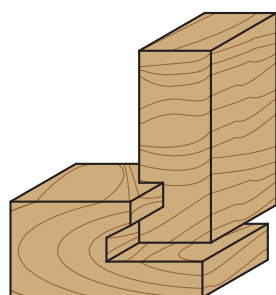
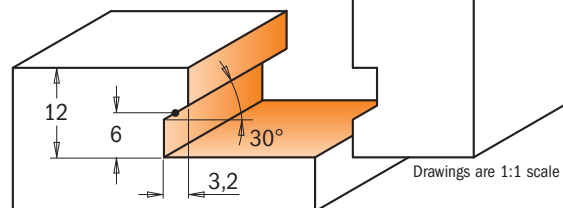


8/955.008 7/8/955.002 - 8/955.502

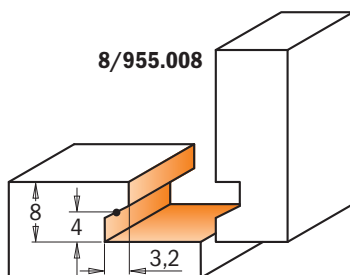
The key to success when constructing quality drawers is in the quality of the drawer lock bit you use. With CMT drawer lock bits you can make strong, perfectly fitting joints quickly and easily. As illustrated below, mill the drawer front with the inside face-down on the work table. Mill the sides of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



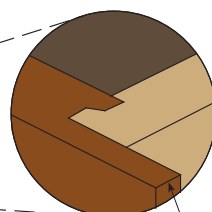
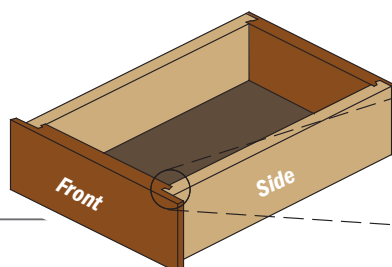
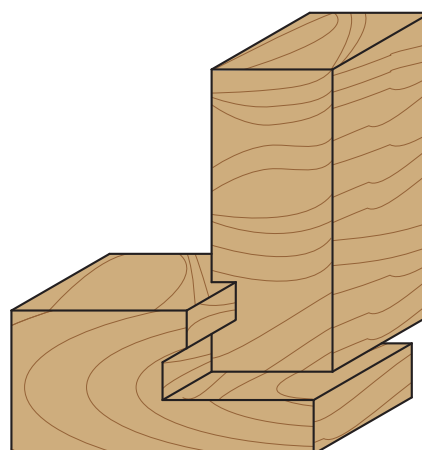
8/955.002-502



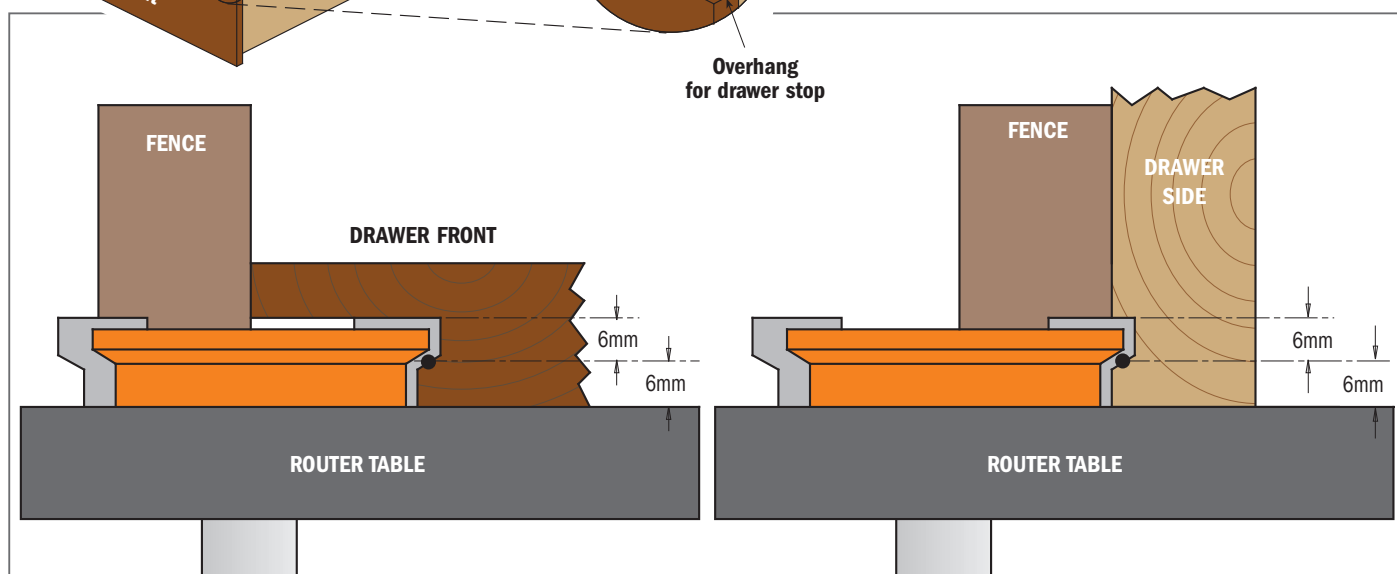
8/955.008



Drawings are 1:1 scale



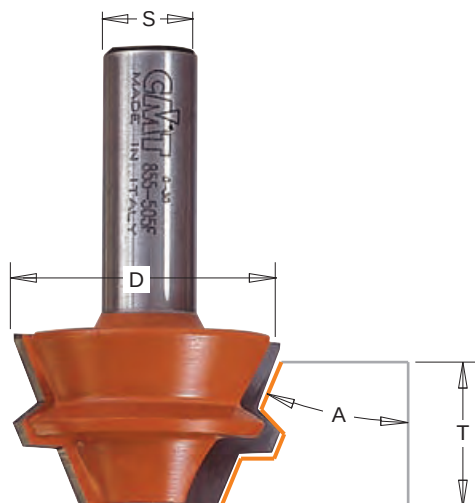
Overhang
for drawer stop



D mm	T min. mm	T max. 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
25,4	9,5	15,87	12,7		855.008.11	955.008.11		
31,7	15,87	25,4	12,7	755.002.11	855.002.11	955.002.11		
50,8	15,87	25,4	12,7				955.502.11	855.502.11

Lock miter set

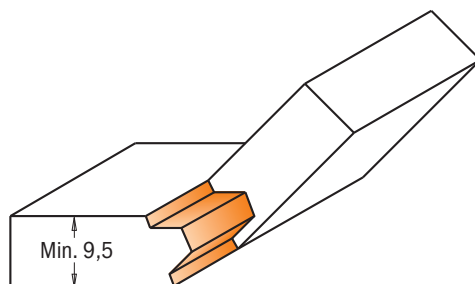
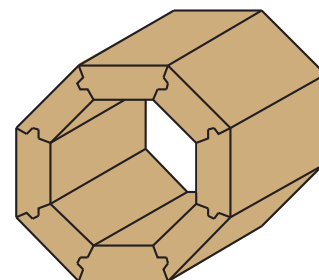
8/955



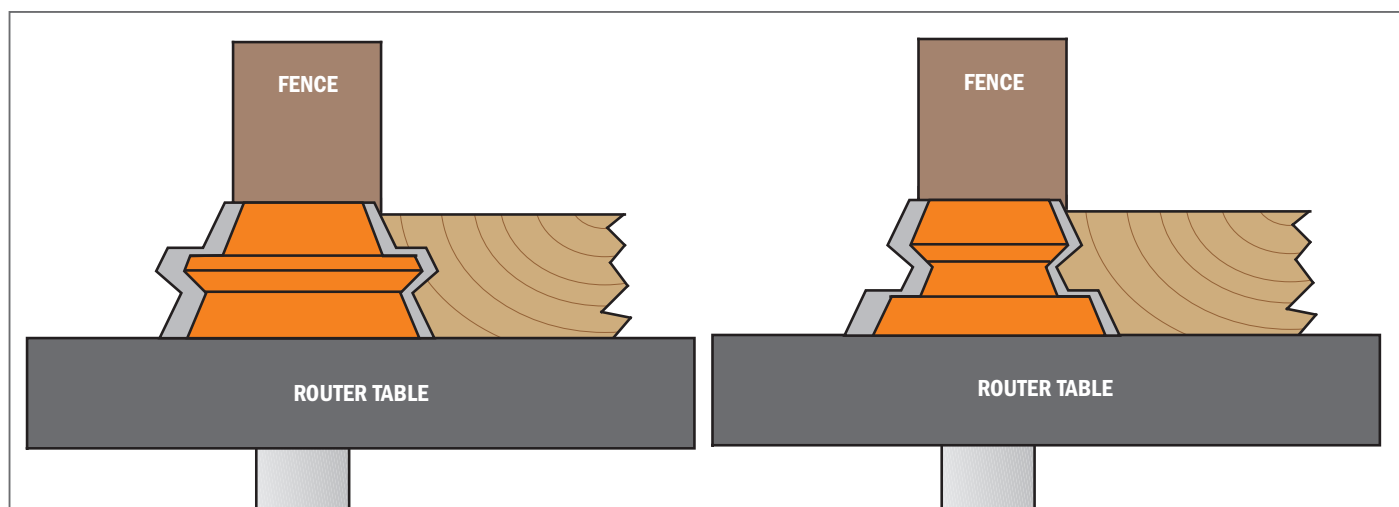
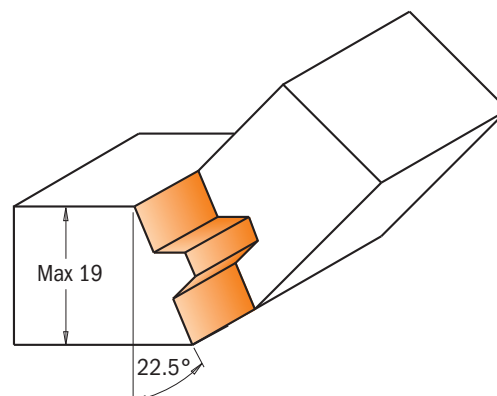
Now you don't have to fight with those awkward clamps on your 22,5° projects. Use this pair of bits to produce octagonal shaped boxes and popular corner cabinetry like corner cabinets for kitchens, entertainment centres, kitchen islands and corner hutches. This 22,5° Lock Miter set provides a strong 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 strap-ping tape.

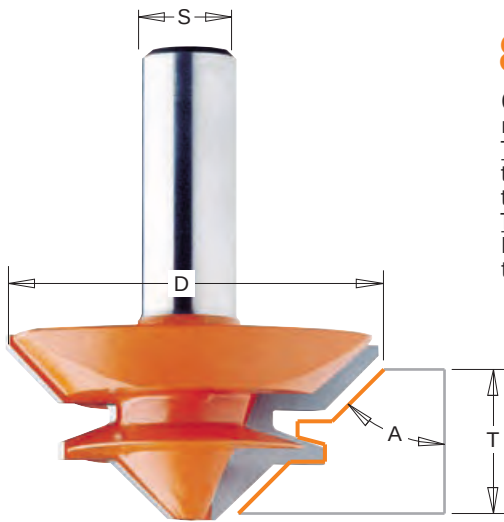


Drawings are 1:1 scale



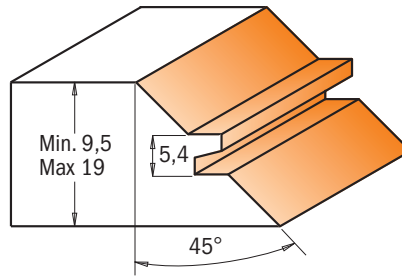
D mm	I mm	A	T mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
37,3	22,2	22.5°	9,5 ÷ 19				955.005.11	855.505.11

8/955.503 - 8/955.504

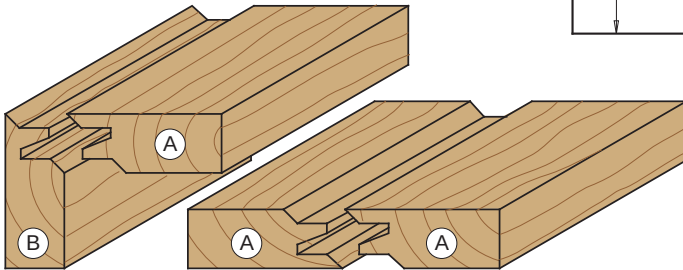
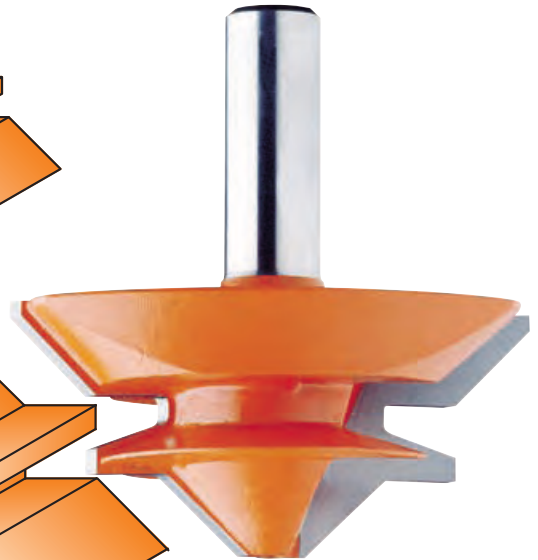
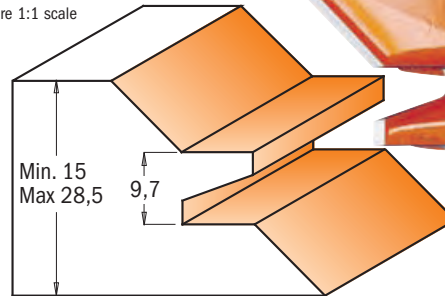


CMT lock miter bits are ideal for milling miter joints in 28,5mm stock. The quick and easy way to accurately create boxes, stretcher bars, frames and any assortment of right angle or parallel joint projects. To produce perfectly fitting miter joints, lay one piece with the inside face-down on the work 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.

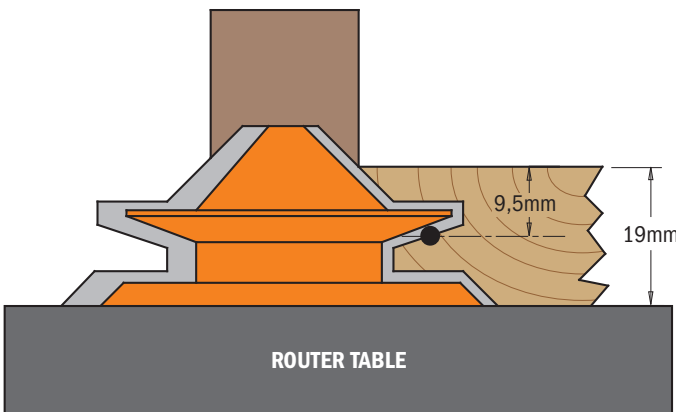
To mill sturdy parallel glue joints follow step 1 shown in the illustration with the inside face of the workpiece laid flat on the table and centred to the bit. To make the second part, lay the workpiece flat on the table and centred to the bit. Mill with the inside face-up.



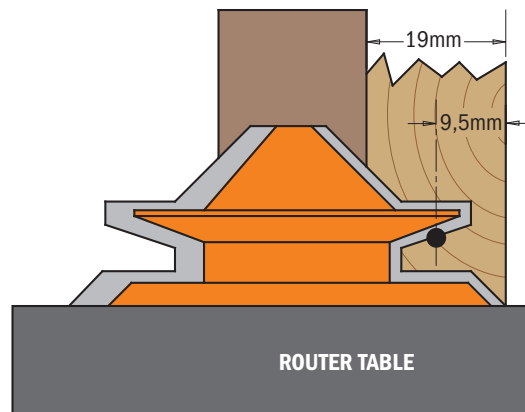
Drawings are 1:1 scale



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.



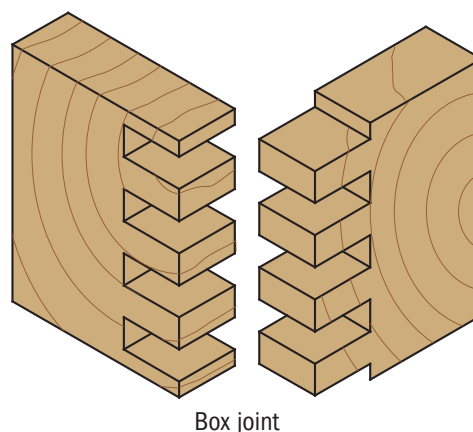
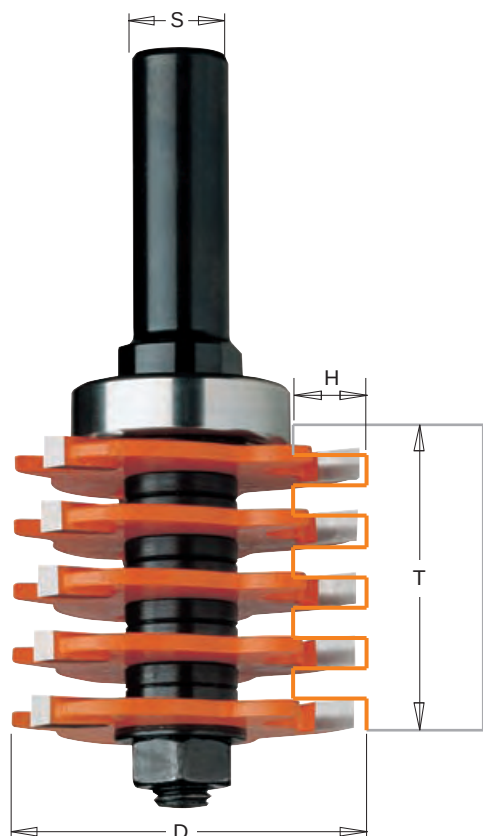
Nr. 2: Rout the second piece with the inside face vertical to the fence.

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

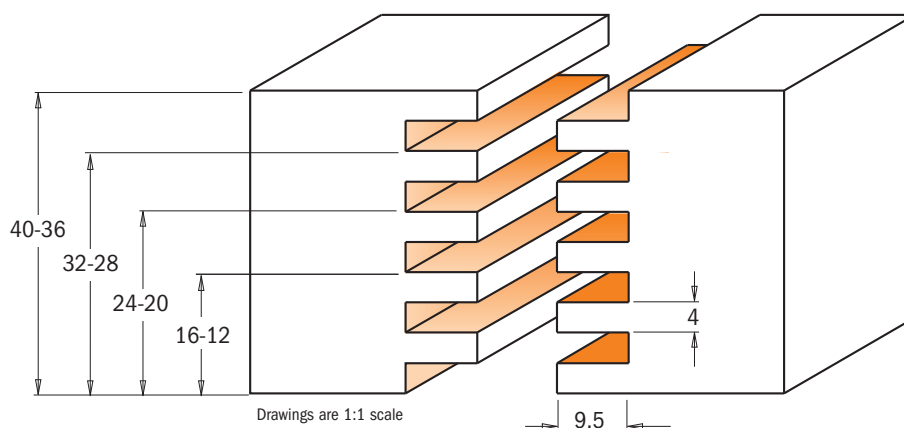
8/900.616



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.



Box joint



T mm	D mm	H mm					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
12 - 40	47,6	9,5					900.616.11	800.616.11

Spare parts

824.130.00 Ø12,7mm arbor with shims
924.130.00 Ø12mm arbor with shims
822.340.11 Slot cutter 4mm spacer
791.020.00 Ø38,1mm bearing (for depth 4,76mm)
791.029.00 Ø34,9mm bearing (for depth 6,35mm)

791.015.00 Ø31,7mm bearing (for depth 8mm)
791.027.00 Ø28,5mm bearing (for depth 9,5mm)
791.011.00 Ø19mm bearing (for depth 14,3mm)
541.515.00 0,1mm spacer
541.519.00 5,8mm spacer

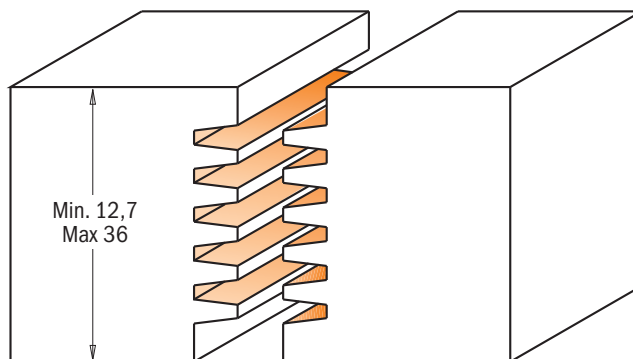
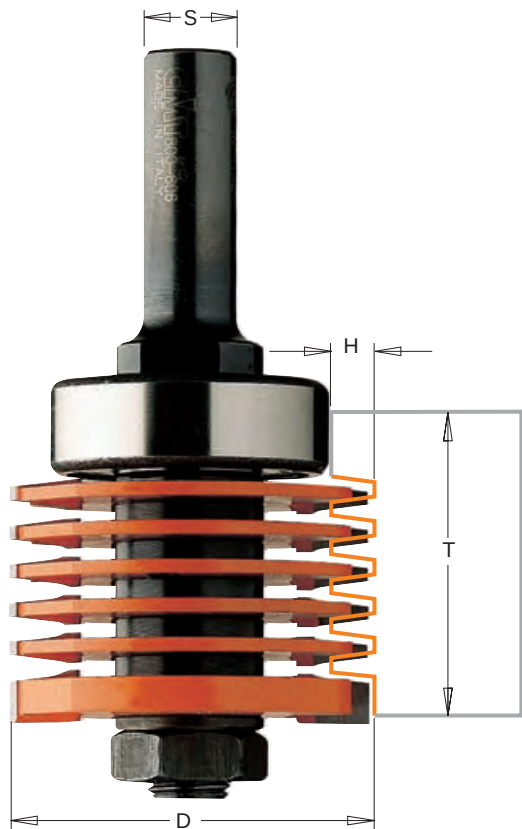
990.403.00 1,6mm washer
990.020.00 Dado M8
990.459.00 Kit with spacers

Professional finger joint bit

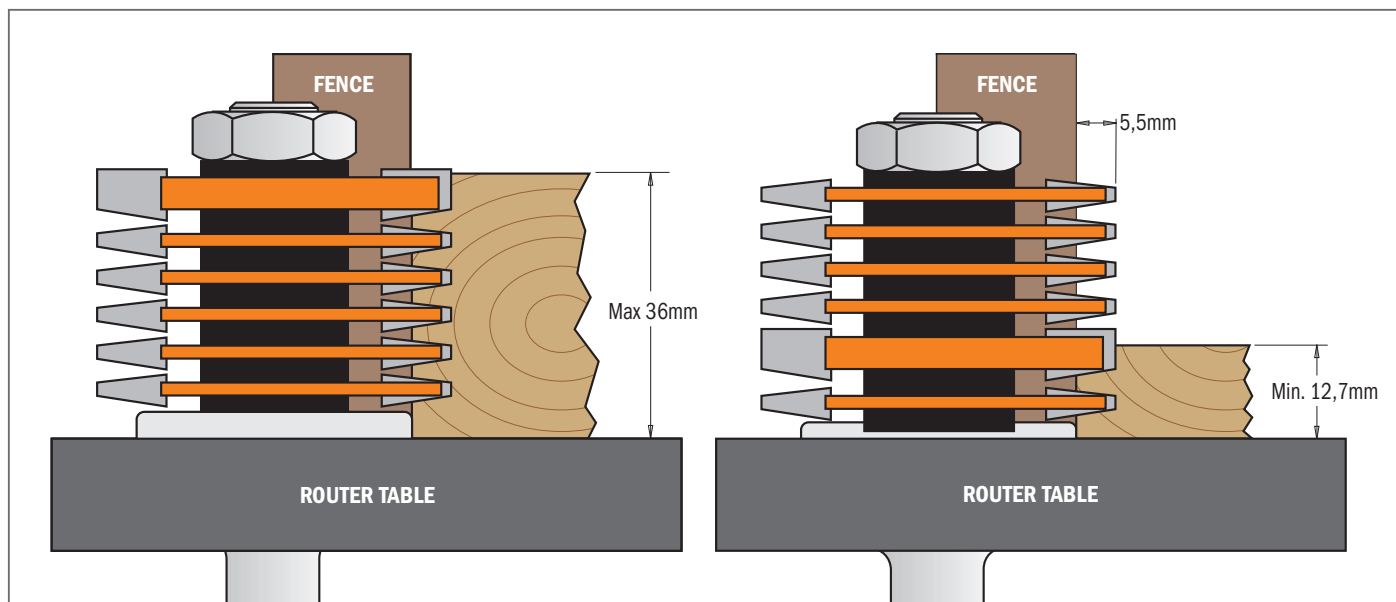
8/900.606



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

Spare parts

924.129.00 Ø12mm arbor with shims
824.129.00 Ø12,7mm arbor with shims
822.005.11 Slot cutter 1,85mm spacer
822.006.11 Slot cutter 5,5mm spacer
791.028.00 Ø37mm bearing

541.511.00 3mm spacer
541.512.00 2mm spacer
541.513.00 0,1mm spacer
990.022.00 Nut for arbor M12x1,25
990.458.00 Kit with spacer

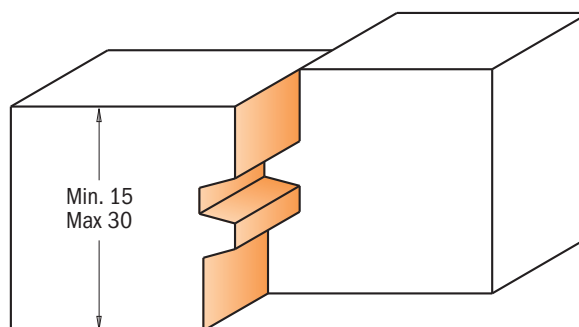
Reverse glue joint bits

8/955.501

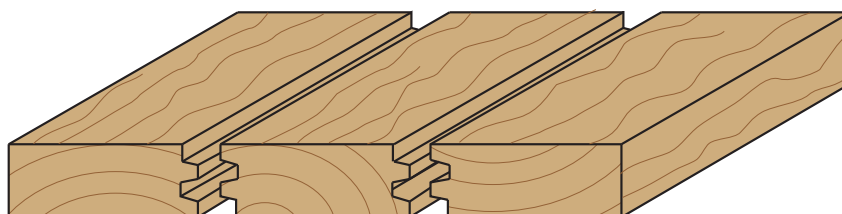


The most unique and important characteristic of this CMT bit is its capacity to produce an almost indestructible glue joint quickly and without error. Ideal for routing wide dimension panels, doors and furniture pieces. By accurately centering the bit to the wood, the upper and lower vertical cutting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

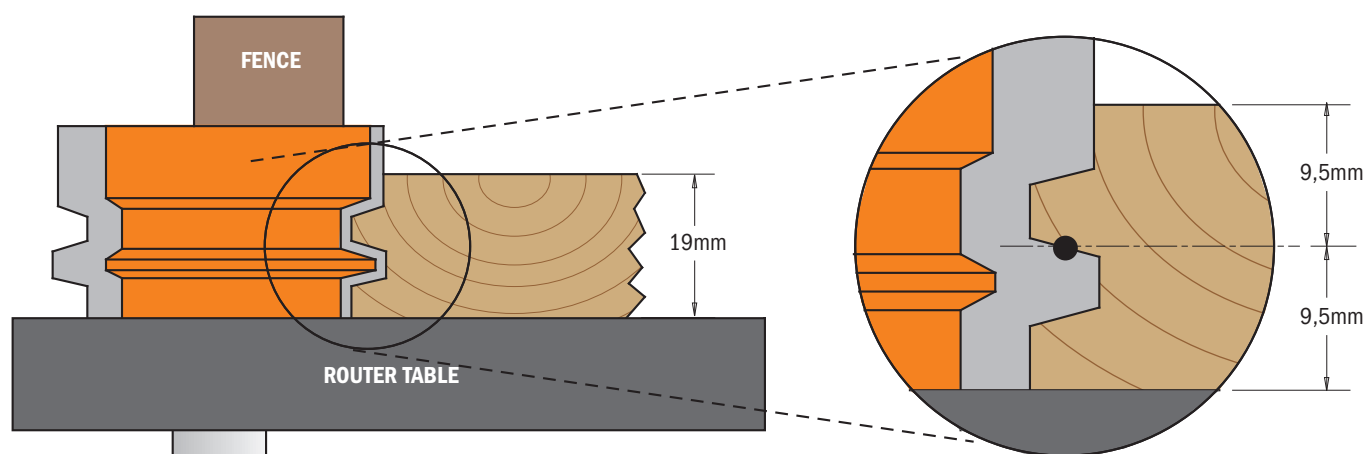
Shop tips: When glueing, apply enough pressure to securely seal the joint. Insufficient pressure results in a weak joint and excessive pressure will distort the wood.



Drawings are 1:1 scale



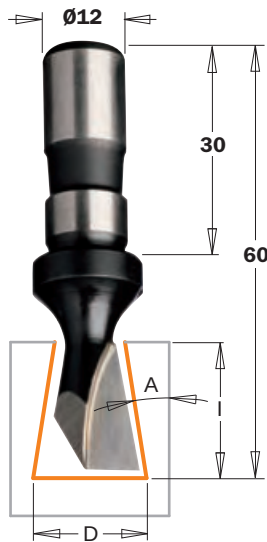
In this example we have used a 19mm board



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					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
44,4	32					955.501.11	855.501.11

9° Dovetail cutters



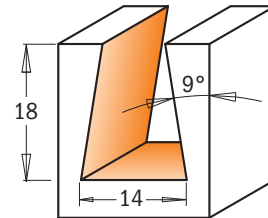
522

HW Z1 RH

D mm	I mm	L mm	A	ORDER NO. S=Ø12mm	
14	18	60	9°	522.140.11	

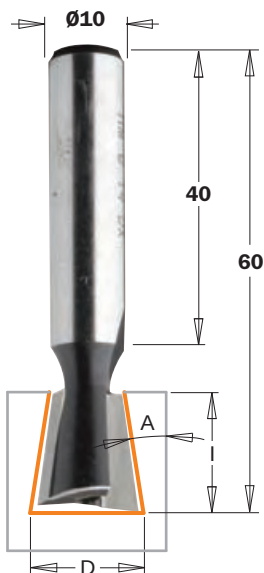
TECHNICAL DETAILS:

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



Drawings are 1:1 scale

9° Dovetail cutter



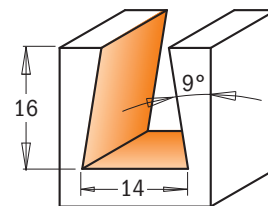
523

HW Z2 RH

D mm	I mm	L mm	A	ORDER NO. S=Ø10mm	
14	16	60	9°	523.140.11	

TECHNICAL DETAILS:

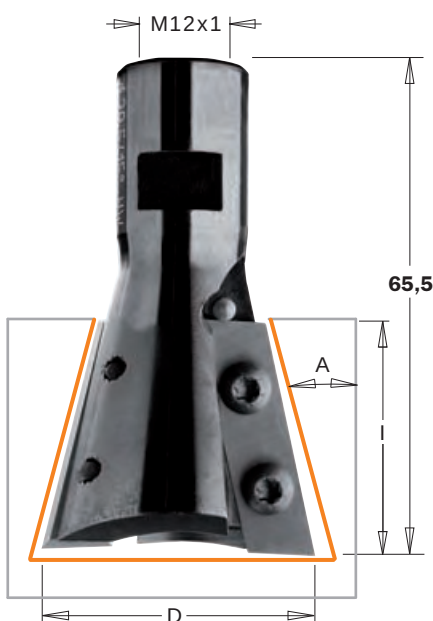
- Super strength steel
- 2 HW precision ground cutting edges (Z2)



Drawings are 1:1 scale

15° Dovetail cutter for Arunda™ System

new



664

HW Z2 RH

D mm	I mm	L mm	A	ORDER NO. S=ØM12x1	
39,5	31,5	65,5	15°	664.395.11	

Spare parts

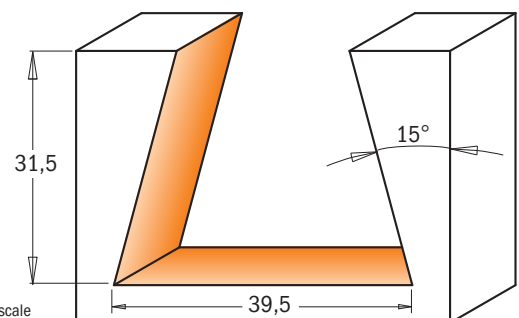
- 790.315.00 HW-HC Knives 39,5x1,5mm
- 990.076.00 Torx screw T15 M4x4
- 991.062.00 2,5mm hex key

TECHNICAL DETAILS:

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

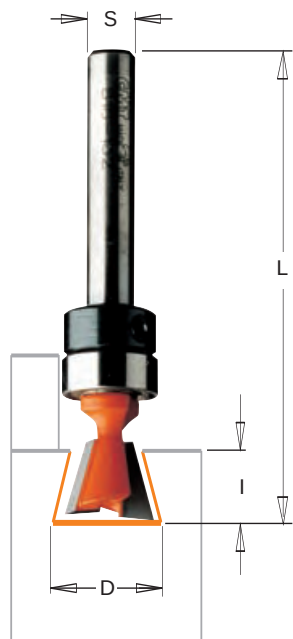
APPLICATION:

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



Drawings are 1:1 scale

Dovetail bits



7/818B



7/8/918

7/8/918 - 7/818B



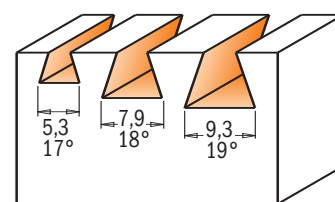
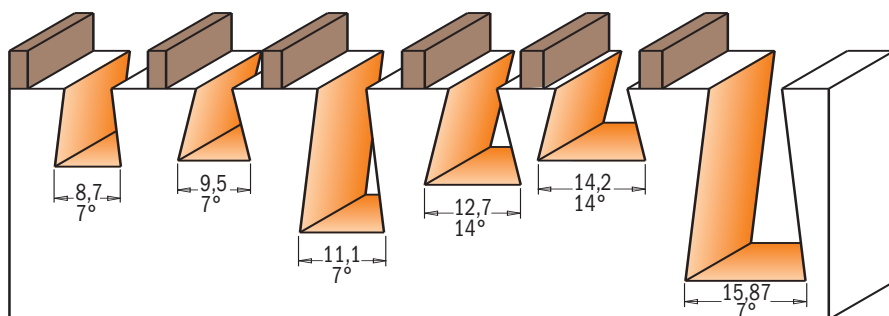
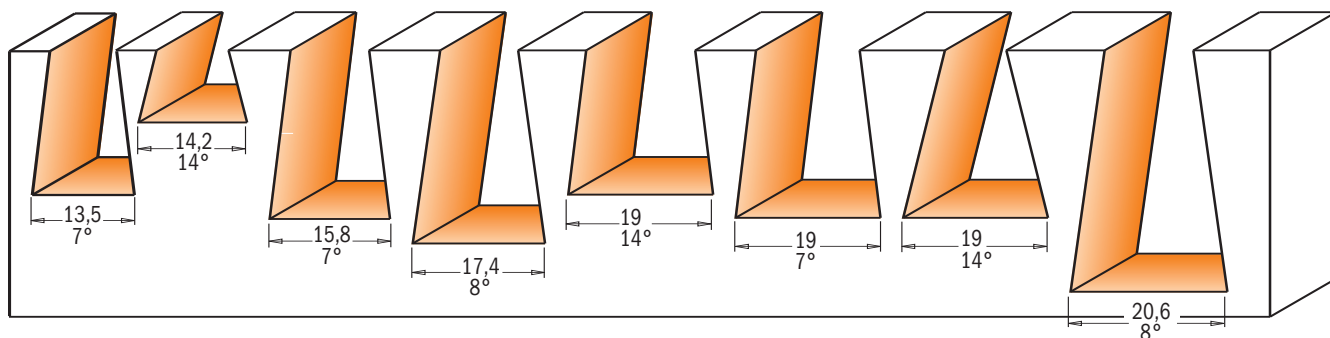
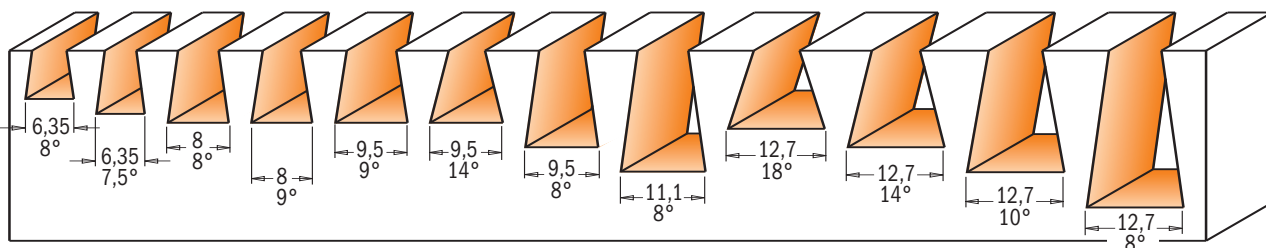
The beautifully crafted dovetail joint is a classic that appeals to both professionals and novices alike. Admired for its attractiveness in box and exposed joint projects, the dovetail is remarkably strong and functional. CMT dovetail bits are available in 25 different sizes so you can stretch your creativity 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
Hoffmann W1	718.053.11 - 818.053.11
W2	718.079.11 - 818.079.11
W3	718.093.11 - 818.093.11



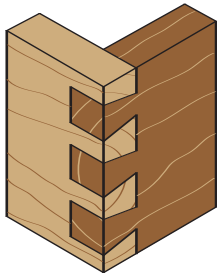
Hoffmann

Drawing are 1:1 scale

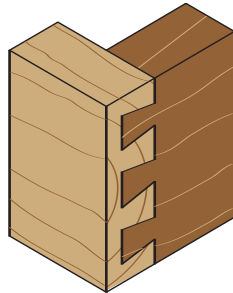
7/8/918 - 7/818B

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

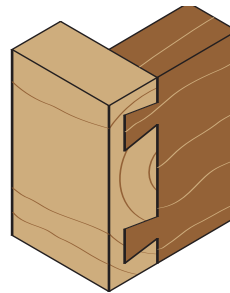
Through dovetail



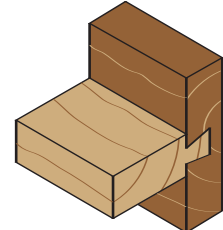
Half-blid dovetail



Variably-spaced dovetail



Sliding dovetail



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	
									Bearing	Stop collar
•5,3	4	43	17°	718.053.11	818.053.11					
•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		
•7,9	6	43	18°	718.079.11	818.079.11					
•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		
•9,3	7,3	43	19°	718.093.11	818.093.11					
•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

Spare parts 990.005.00 Screw TSEI M3x3
991.056.00 1,5mm hex key

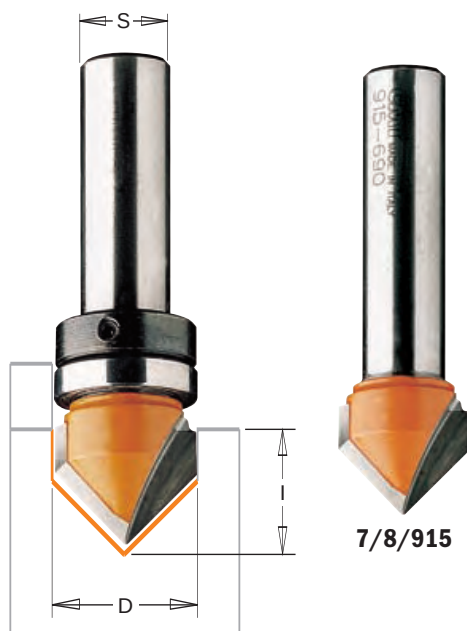
• HWM

V-Grooving bits (90°)



7/8/915 - 7/8/915B

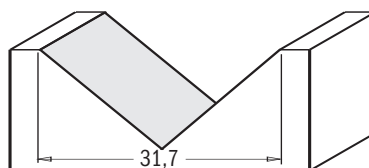
These double cutting edge CMT bits have been especially designed for routing and jointing 90° plasterboard panels. Additionally, they make clean, perfect incisions in panels or drawer fronts; chamfer edges or engrave beautiful lettering. Like all CMT bits, they are made of super strength Fatigue Proof® steel, specially formulated carbide-tipped cutting edges and our trademarked orange PTFE non-stick coating.



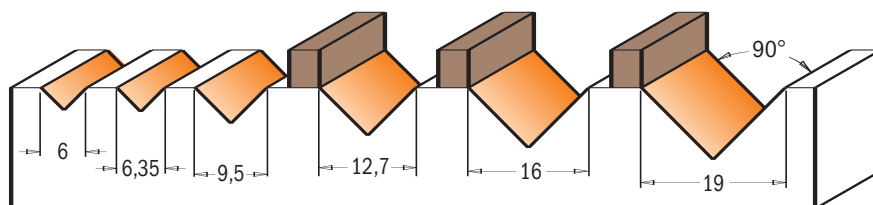
7/8/915B



7/8/915



PLASTERBOARD PANEL



Drawings are 1:1 scale

D mm	I 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	90°	715.060.11		915.060.11			Bearing	Stop collar	Hex key 1,5mm
•6,35	8	90°		815.064.11						
9,5	12,7	90°	715.095.11	815.095.11	915.095.11					
12,7	12,7	90°	715.127.11	815.127.11	915.127.11					
16	12,7	90°			915.160.11	915.660.11	815.660.11			
19	16	90°	715.190.11			915.690.11	815.690.11			
31,7	16	90°			915.317.11	915.817.11	815.817.11			
with top bearing										
12,7	12,7	90°		815.127.11B				791.010.00	541.001.00	991.056.00
16	12,7	90°			915.160.11B			791.025.00	541.004.00	991.056.00
19	16	90°	715.190.11B					791.007.00	541.003.00	991.056.00
19	16	90°					815.690.11B	791.011.00	541.002.00	991.056.00

Spare parts 990.005.00 Screw TSEI M3x3

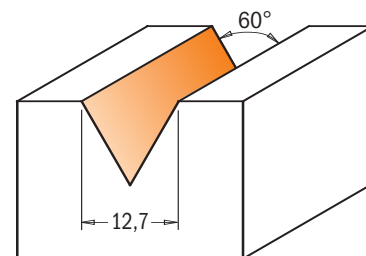
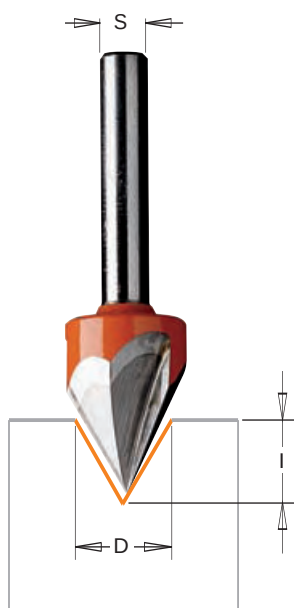
• HWM

Laser point bit (60°) Z=3



7/8/958

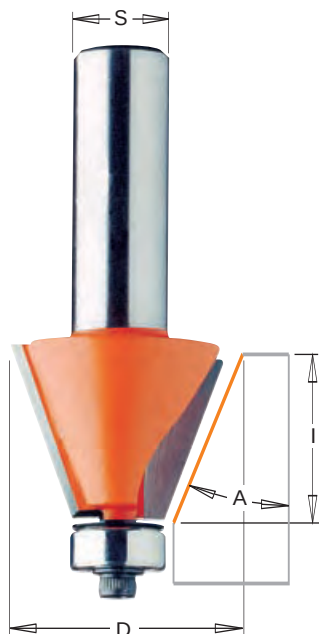
This new bit lets you make delicate grooves and incisions with laser precision. Make one of a kind effects with single run 30° bevel edges. Three super sharp cutting edges and this perfectly balanced bit allow you to work with superior accuracy with no risk of burning. Raise the bit and produce a delicate 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.



Drawings are 1:1 scale

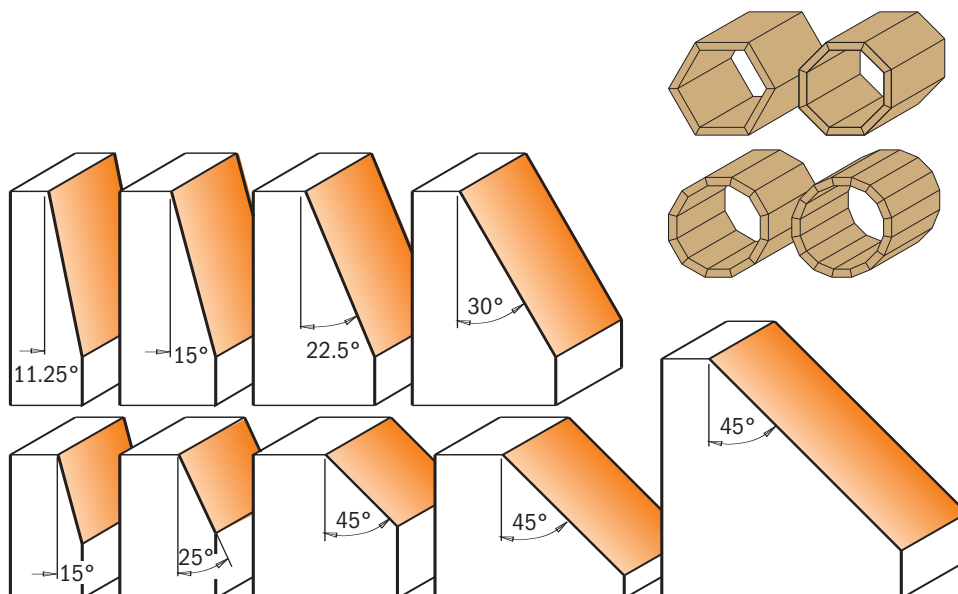
D mm	I mm	A	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
12,7	11	60°	758.001.11	858.001.11	958.001.11	858.501.11

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

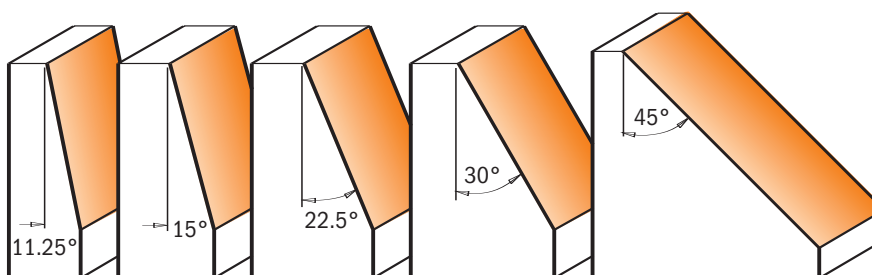
A	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
								Shield Ø12,7mm	Bearing Ø12,7mm	Screw TCEI 1/8W	Hex key 3/32"
15°	19	11,5	736.130.11	836.130.11	936.130.11			990.423.00	791.003.00	990.058.00	991.057.00
25°	22,2	10	736.190.11	836.190.11	936.190.11			990.423.00	791.003.00	990.058.00	991.057.00
45°	31,7	9,5	736.280.11	836.280.11	936.280.11			990.423.00	791.003.00	990.058.00	991.057.00
45°	45	18	736.420.11	836.420.11	936.420.11	936.920.11	836.920.11	990.423.00	791.003.00	990.058.00	991.057.00
45°	65	26				936.950.11	836.950.11	990.423.00	791.003.00	990.058.00	991.057.00
11,25°	21,5	22				957.504.11	857.504.11	990.423.00	791.003.00	990.058.00	991.057.00
15°	24,5	22				957.503.11	857.503.11	990.423.00	791.003.00	990.058.00	991.057.00
22,5°	31	22				957.502.11	857.502.11	990.423.00	791.003.00	990.058.00	991.057.00
30°	38,5	22				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

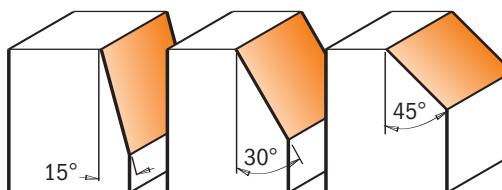
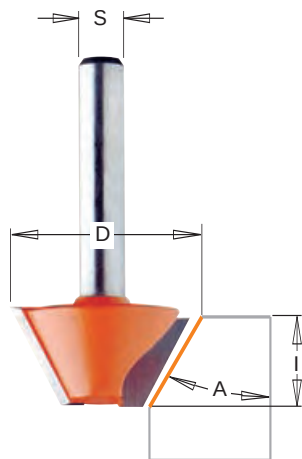
DESCRIPTION	ORDER NO. S=Ø12,7mm
Chamfer set	836.501.11

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

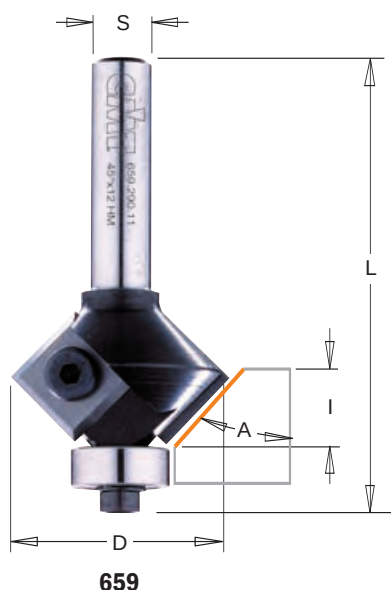
A	D mm	I mm	L mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø8mm
15°	24	14	46	703.240.11	903.240.11
30°	26	12,7	44,5	704.240.11	904.240.11
45°	25	8	41	705.240.11	905.240.11

Chamfer bits with knives



658 - 659

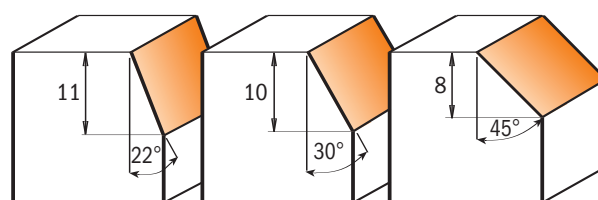
Bevel and Chamfer trim bits with two replaceable knives fixed by special Torx screws. The knives are 4 sided sharpened and gives three extra new edges. Guided bevel and chamfer trim bits type 659 are equipped with the ball bearing guides. Type 658 is unguided. For specialist applications requiring economy 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.



659



658



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		Knives 12x12x1,5mm	Bearing	Screw M4
22°	25	11	65	659.024.11	659.023.11	659.022.11		790.120.00	791.006.00	990.075.00
30°	28	10	66	659.032.11	659.031.11	659.030.11		790.120.00	791.006.00	990.075.00
45°	29	8	60	659.047.11	659.046.11	659.045.11		790.120.00	791.022.00	990.075.00
45°	29	8	68				659.646.11	790.120.00	791.022.00	990.075.00

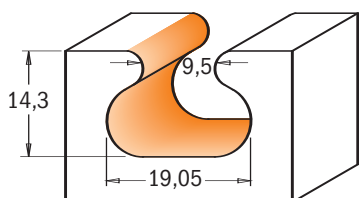
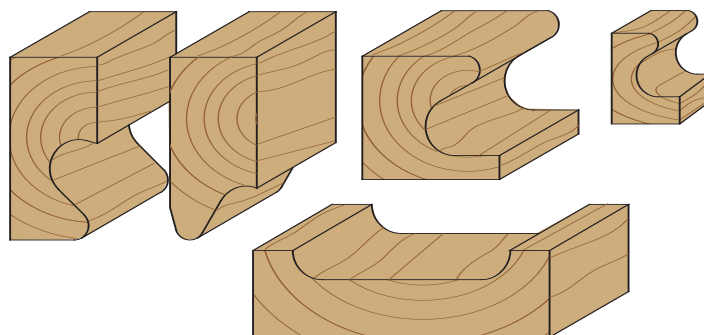
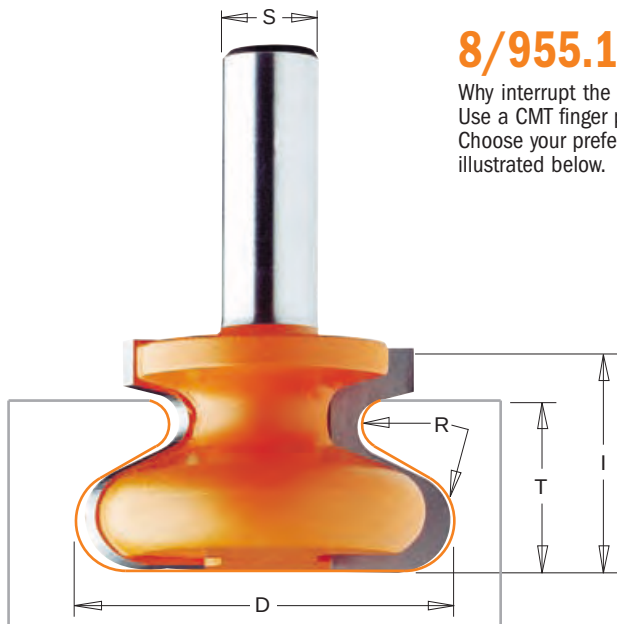
Spare parts	991.061.00	Torx key T15
	990.400.00	Shield Ø3.2/Ø7 for screw M3
	990.051.00	Screw TCEI M3x6
	991.062.00	Hex key 2,5mm

Finger pull bit

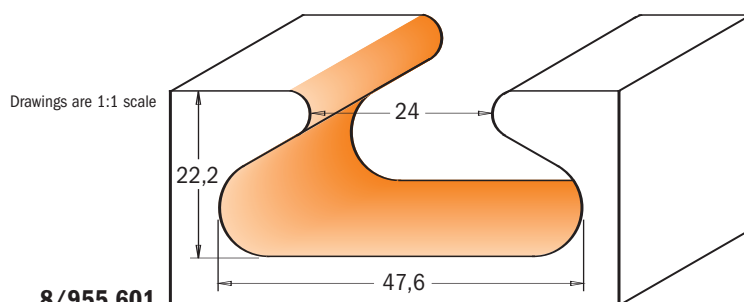
8/955.102-602-601



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.



855.602
955.102



8/955.601

Drawings are 1:1 scale

D mm	T mm	I mm	R mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
19,05	14,3	19,05	2,4-4,76	955.102.11		855.602.11
47,6	22,2	28,5	3,2-6,35		955.601.11	855.601.11

Round nose set

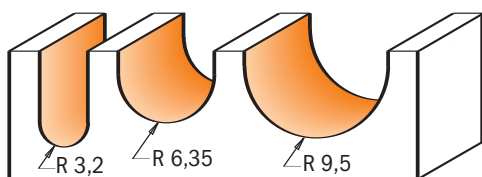
814



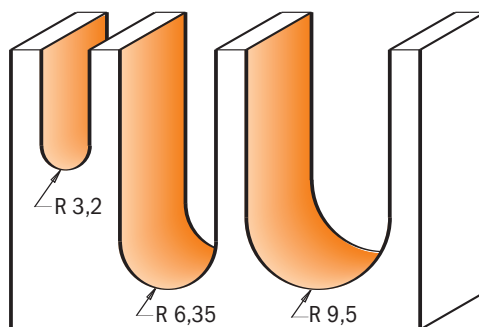
Each of these sets include 3 of the most widely used CMT Round Nose bits. These solid carbide or carbide tipped bits are perfect for sign making, engraving, or adding flutes and veins to doors or drawer fronts. Available in 6,35mm and 12,7mm shanks.



814.001.11



Drawings are 1:1 scale



814.501.11

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

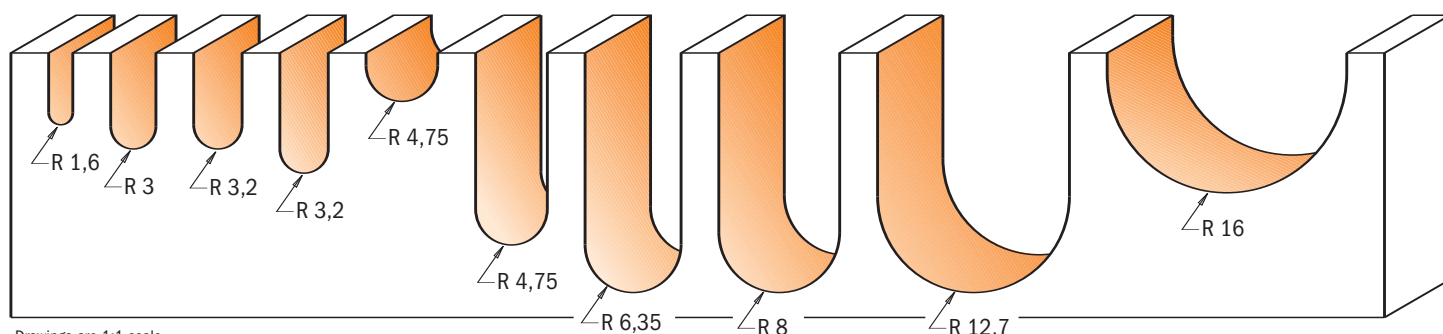
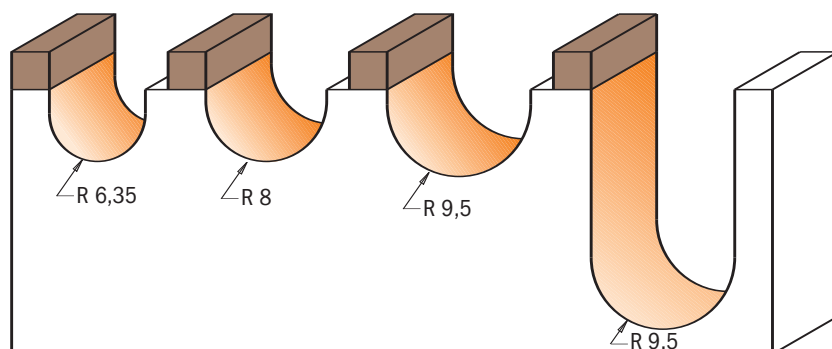
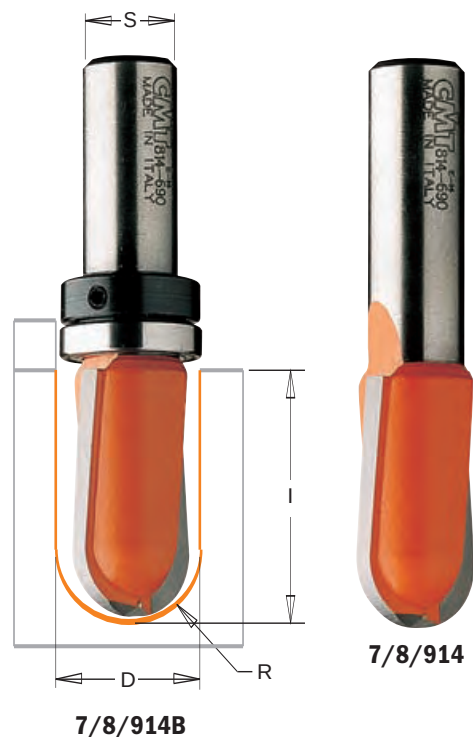
Round nose bits



7/8/914 - 7/8/914B

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

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	Spare parts		
								Bearing	Stop collar	Screw STEI M3x3mm
•1,6	3,2	9,5	714.032.11	814.032.11	914.032.11					
•3	6	12,7	714.060.11		914.060.11					
•3,2	6,4	12,7		814.064.11						
•3,2	6,4	15,9					814.564.11			
4,75	9,5	6,4	714.095.11	814.095.11	914.095.11					
4,75	9,5	25,4					814.595.11			
6,35	12,7	9,5	714.127.11	814.127.11	914.127.11					
6,35	12,7	31,7				914.627.11	814.627.11			
8	15,8	9,5	714.160.11	814.160.11	914.160.11					
8	15,8	31,7					814.660.11			
9,5	19	11,5	714.190.11	814.190.11	914.190.11					
9,5	19	31,7				914.690.11	814.690.11			
12,7	25,4	31,7				914.754.11	814.754.11			
16	31,7	18,5				914.817.11	814.817.11			
with top bearing										
6,35	12,7	9,5		814.127.11B				791.010.00	541.001.00	990.005.00
8	15,8	9,5		814.160.11B				791.009.00	541.001.00	990.005.00
8	15,8	9,5			914.160.11B			791.025.00	541.004.00	990.005.00
9,5	19	11,5	714.190.11B					791.007.00	541.003.00	990.005.00
9,5	19	11,5		814.190.11B				791.004.00	541.001.00	990.005.00
9,5	19	31,7					814.690.11B	791.011.00	541.002.00	990.005.00

Spare parts 991.056.00 1,5mm hex key

• HWM

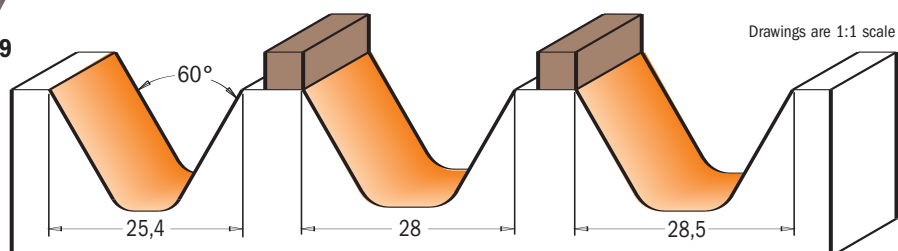
60° Lettering bit



7/8/949 - 8/949B



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.



D mm	I mm	A	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
25,4	19	60°	749.001.11	849.001.11			Bearing	Stop collar	Screw STEI M3x3
28	19	60°			949.502.11				
28,5	19	60°				849.501.11			
with top bearing									
28	19	60°			949.502.11B		791.026.00	541.005.00	990.005.00
28,5	19	60°				849.501.11B	791.027.00	541.002.00	990.005.00

Spare parts 991.056.00 1,5mm hex key

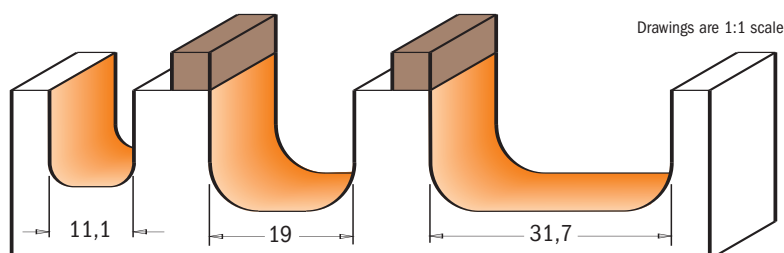
Bowl and tray bits



7/8/951 - 7/851B



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.



D mm	I mm	R 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		851.001.11				Bearing	Stop collar	Screw STEI M3x3
19	16	6,4	751.002.11	851.002.11	951.002.11	951.501.11	851.501.11			
31,7	16	6,4				951.502.11	851.502.11			
with top bearing										
19	16	6,4	751.002.11B					791.007.00	541.003.00	990.005.00
19	16	6,4		851.002.11B				791.004.00	541.001.00	990.005.00
19	16	6,4					851.501.11B	791.011.00	541.002.00	990.005.00
31,7	16	6,4					851.502.11B	791.015.00	541.002.00	990.005.00

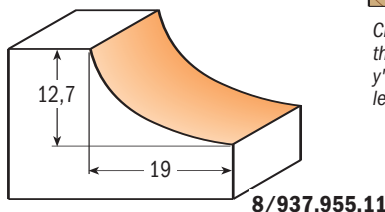
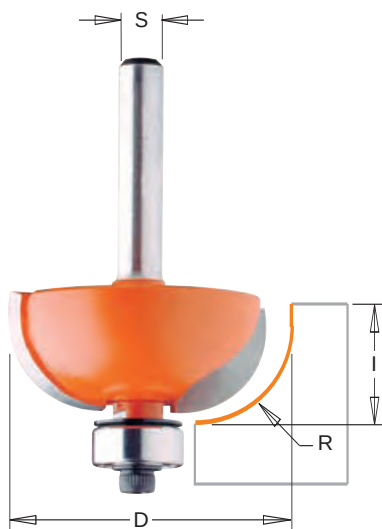
Spare parts 991.056.00 1,5mm hex key

Cove bits

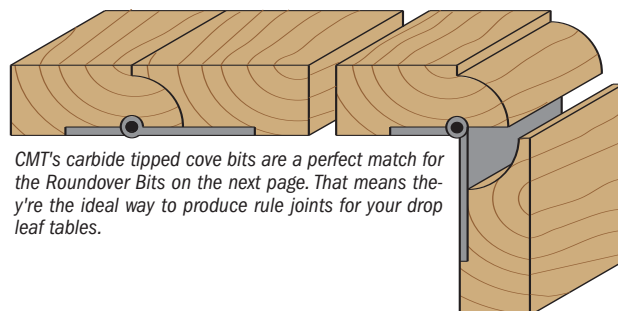


7/8/937

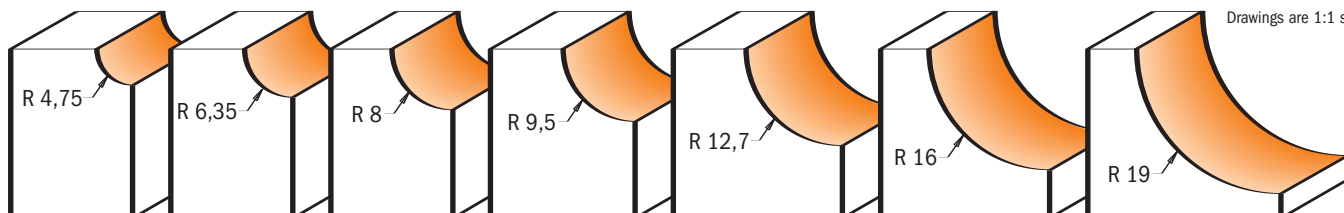
Make simple or elegant furniture, doors and drawer fronts by adding a final touch with CMT cove bits. Join them together with a CMT roundover bit and make perfectly fitting rule joints, ideal for drop leaf counter and table tops. These bits feature anti-kickback design, carbide-tipped cutting edges,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



8/937.955.11



CMT's carbide tipped cove bits are a perfect match for the Roundover Bits on the next page. That means they're the ideal way to produce rule joints for your drop leaf tables.



Drawings are 1:1 scale

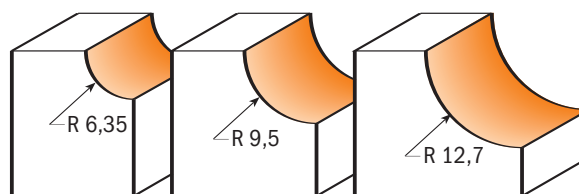
R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
								Shield Ø12,7mm	Bearing Ø12,7mm	Screw TCEI 1/8W	Hex key 3/32"
4,75	22,2	12,7	737.190.11	837.190.11	937.190.11	937.690.11	837.690.11	990.423.00	791.003.00	990.058.00	991.057.00
6,35	25,4	12,7	737.222.11	837.222.11	937.222.11	937.722.11	837.722.11	990.423.00	791.003.00	990.058.00	991.057.00
8	28,7	12,7	737.254.11	837.254.11	937.254.11	937.754.11	837.754.11	990.423.00	791.003.00	990.058.00	991.057.00
9,5	31,7	12,7	737.286.11	837.286.11	937.286.11	937.786.11	837.786.11	990.423.00	791.003.00	990.058.00	991.057.00
12,7	38,1	15,5	737.350.11	837.350.11	937.350.11	937.850.11	837.850.11	990.423.00	791.003.00	990.058.00	991.057.00
16	44,5	18,5				937.950.11	837.950.11	990.423.00	791.003.00	990.058.00	991.057.00
19	50,8	22,2				937.951.11	837.951.11	990.423.00	791.003.00	990.058.00	991.057.00
	50,8	12,7				937.955.11	837.955.11	990.423.00	791.003.00	990.058.00	991.057.00

Cove bit set



837

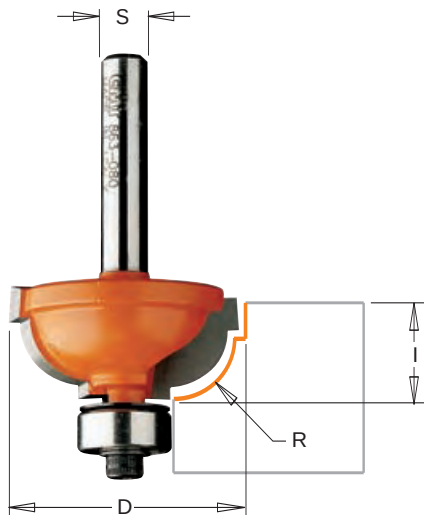
See simple furniture, doors and drawer fronts transform into elegant pieces by giving them a final touch with a CMT Cove Bit. Pair them up with CMT Roundover Bits and make beautiful rule joints to create drop leaf counter and table tops. Anti-kickback design and thick carbide tips for long lasting performance.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



Drawings are 1:1 scale

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

Cavetto edge mold bits

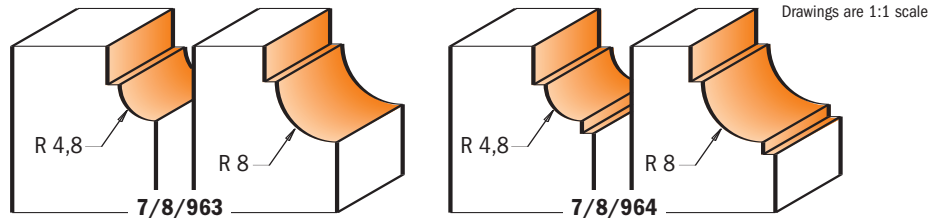


7/8/963 - 7/8/964



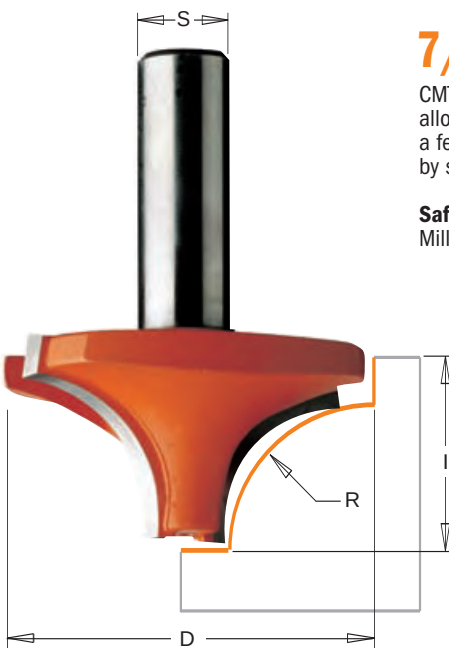
The cavetto bit cuts beautiful, traditional profiles, but you may also use just a portion of the bit to cut a more simple and cleaner cove edge. This bit add a special touch to furniture pieces by making traditional cove profiles with top and bottom fillet grooves in any kind of wood and wood composites.

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.



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	Spare parts			
								Shield	Bearing	Screw 1/8W	Hex key 3/32"
4,8	25,4	11,5	763.048.11	863.048.11	963.048.11	963.548.11	863.548.11	990.423.00	791.003.00	990.058.00	991.057.00
8	31,7	14,3	763.080.11	863.080.11	963.080.11	963.580.11	863.580.11	990.423.00	791.003.00	990.058.00	991.057.00
4,8	25,4	11,5	764.048.11	864.048.11	964.048.11	964.548.11	864.548.11	990.422.00	791.002.00	990.058.00	991.057.00
8	31,7	14,3	764.080.11	864.080.11	964.080.11	964.580.11	864.580.11	990.422.00	791.002.00	990.058.00	991.057.00

Ovolo bits

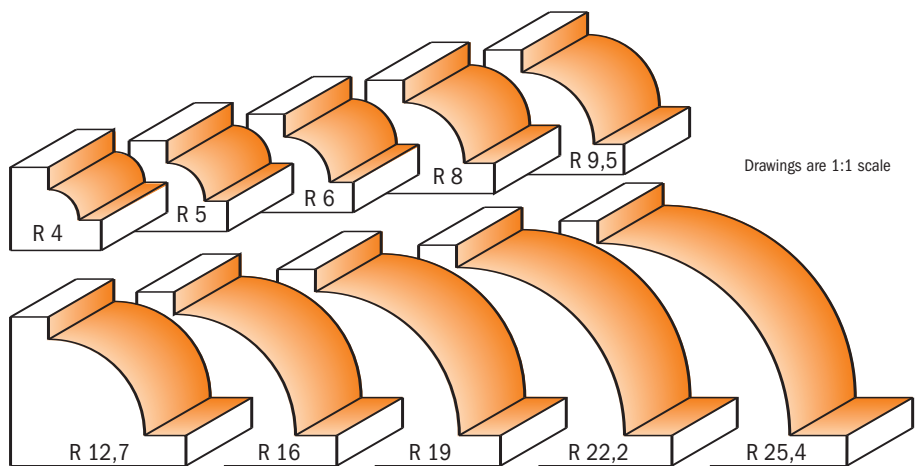


7/8/927



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.



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	19	12	727.040.11		927.040.11		
5	21	12	727.050.11	827.050.11	927.050.11		
6	23	12	727.060.11	827.060.11	927.060.11		827.560.11
8	28,6	12,7	727.080.11		927.080.11		
9,5	31,7	14	727.095.11	827.095.11	927.095.11	927.595.11	827.595.11
12,7	38,1	19		827.127.11		927.627.11	827.627.11
16	44,5	22,2				927.660.11	827.660.11
19	50,8	25,4				927.690.11	827.690.11
22,2	57,1	28,5				927.722.11	827.722.11
25,4	63,5	33,3				927.754.11	827.754.11

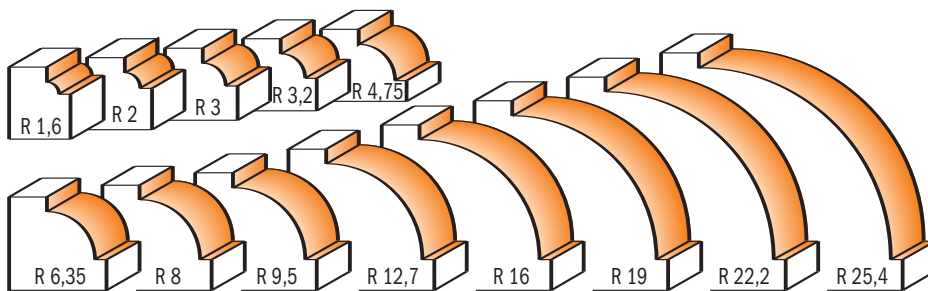
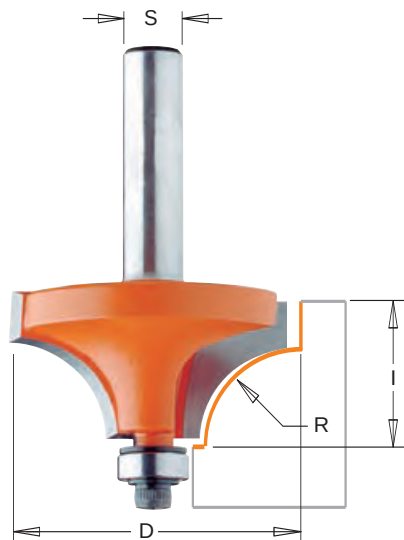
Beading bits



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

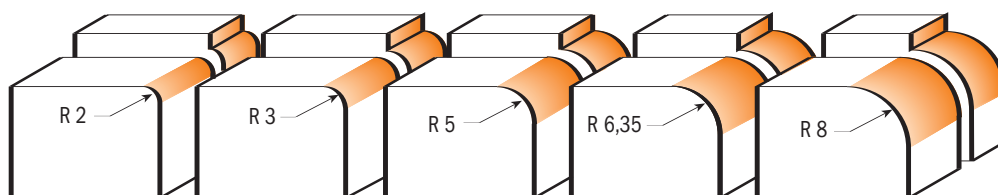
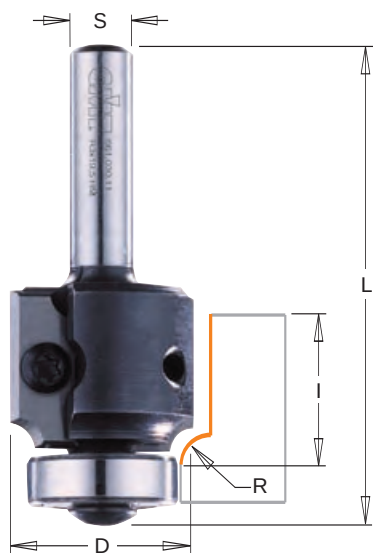
R mm	D mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
								Shield Ø9,5mm	Bearing Ø9,52mm	Screw 1/8W	Hex key 3/32"
1,6	15,9	12,7	739.160.11	839.160.11	939.160.11			990.422.00	791.002.00	990.058.00	991.057.00
2	16,7	12,7			939.167.11			990.422.00	791.002.00	990.058.00	991.057.00
3	18,7	12,7			939.187.11			990.422.00	791.002.00	990.058.00	991.057.00
3,2	19,1	12,7	739.190.11	839.190.11	939.190.11			990.422.00	791.002.00	990.058.00	991.057.00
4,75	22,2	12,7	739.222.11	839.222.11	939.222.11			990.422.00	791.002.00	990.058.00	991.057.00
6,35	25,4	12,7	739.254.11	839.254.11	939.254.11	939.754.11	839.754.11	990.422.00	791.002.00	990.058.00	991.057.00
8	28,6	12,7	739.285.11	839.285.11	939.285.11			990.422.00	791.002.00	990.058.00	991.057.00
9,5	31,7	14	739.317.11	839.317.11	939.317.11	939.817.11	839.817.11	990.422.00	791.002.00	990.058.00	991.057.00
12,7	38,1	19	739.380.11	839.380.11	939.380.11	939.880.11	839.880.11	990.422.00	791.002.00	990.058.00	991.057.00
16	44,5	22		839.445.11	939.445.11	939.945.11	839.945.11	990.422.00	791.002.00	990.058.00	991.057.00
19	50,8	25,4				939.990.11	839.990.11	990.422.00	791.002.00	990.058.00	991.057.00
22,2	57,1	28,5				939.991.11	839.991.11	990.422.00	791.002.00	990.058.00	991.057.00
25,4	63,5	33,3				939.992.11*	839.992.11*	990.422.00	791.002.00	990.058.00	991.057.00

Roundover bits with 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.



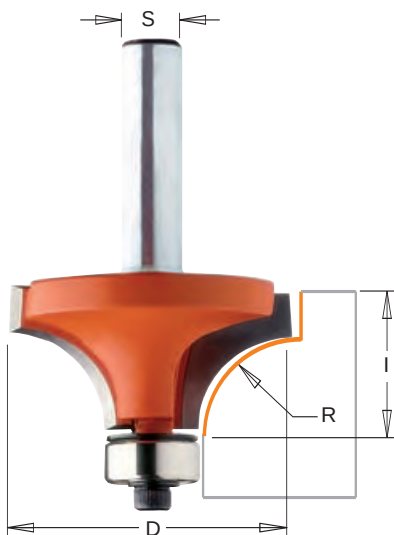
Drawings are 1:1 scale

R mm	D mm	I mm	L mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts			
							Knives	Screw Torx T15	Key Torx T15	Bearing
2	22,8	19,5	63	661.021.11	661.020.11		790.020.00	990.076.00	991.061.00	791.007.00
3	24,6	19,5	63	661.031.11	661.030.11		790.030.00	990.076.00	991.061.00	791.007.00
5	28,6	19,5	63	661.051.11	661.050.11		790.050.00	990.076.00	991.061.00	791.007.00
6,35	29	24	67	661.064.11	661.063.11		790.064.00	990.076.00	991.061.00	791.006.00
8	32	24	67		661.080.11		790.080.00	990.076.00	991.061.00	791.006.00
8	32	24	75			661.581.11	790.080.00	990.076.00	991.061.00	791.006.00

Spare parts
990.400.00 Shield for screw M3
990.051.00 Screw TCEI M3x6
991.062.00 2,5mm hex key

990.410.00 Shield for screw M4
990.052.00 Screw TCEI M4x6
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.

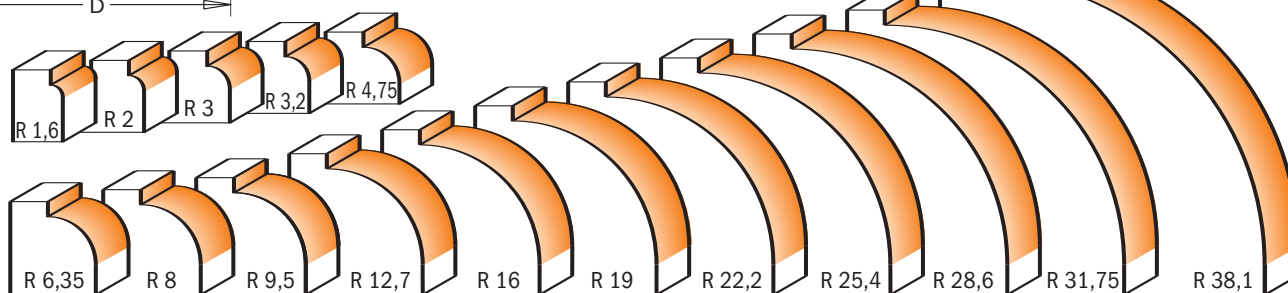
BE SURE to keep the black bearing washer right side up to correspond with the bearing rotation when reassembling the bearing. Improper reassembly can cause the bit to unscrew. All CMT roundover bits have a 12,7mm bearing diameter with the exception of the radius 28,6mm and 31,7mm bits which have a 19mm 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**

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	Spare parts			
								Shield Ø12,7mm	Bearing	Screw 1/8W	Spacer
1,6	15,9	12,7	738.160.11	838.160.11	938.160.11			990.423.00	791.003.00	990.058.00	
2	16,7	12,7	738.167.11		938.167.11			990.423.00	791.003.00	990.058.00	
3	18,7	12,7	738.187.11		938.187.11			990.423.00	791.003.00	990.058.00	
3,2	19,1	12,7	738.190.11	838.190.11	938.190.11			990.423.00	791.003.00	990.058.00	
4,75	22,2	12,7	738.222.11	838.222.11	938.222.11			990.423.00	791.003.00	990.058.00	
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	
8	28,6	12,7	738.285.11	838.285.11	938.285.11			990.423.00	791.003.00	990.058.00	
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	
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	
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	
19	50,8	25,4				938.990.11	838.990.11	990.423.00	791.003.00	990.058.00	
22,2	57,1	28,5				938.991.11	838.991.11	990.423.00	791.003.00	990.058.00	
25,4	63,5	33,3				938.992.11*	838.992.11*	990.423.00	791.003.00	990.058.00	
28,6	76,2	38,1				938.993.11*	838.993.11*		791.004.00	990.058.00	541.550.00
31,75	82,5	44,4				938.994.11*	838.994.11*		791.004.00	990.058.00	541.550.00
38,1	88,9	44,4				938.996.11*	838.996.11*	990.423.00	791.003.00	990.058.00	

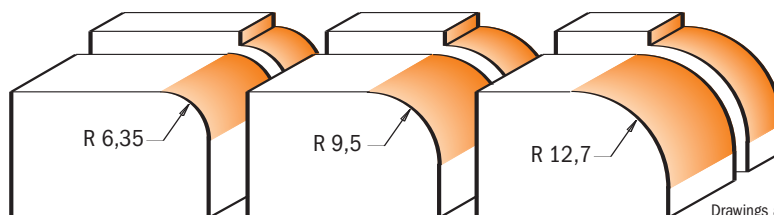
Spare parts 991.057.00 3/32" hex key

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.



Drawings are 1:1 scale

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

Roundover set

Your CMT set makes it easy!

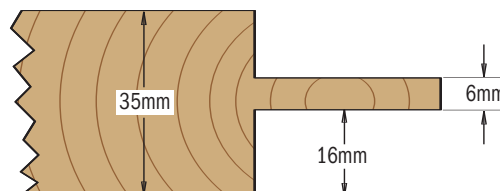
In our step-by-step example for window sash construction, we used the following:

- 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.

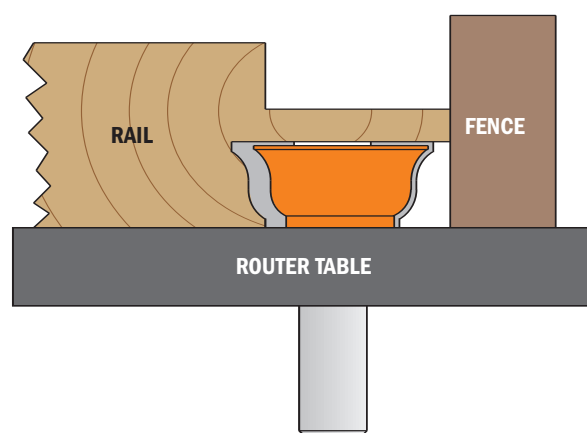
STEP 1 - Measurements and making the tenons

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.



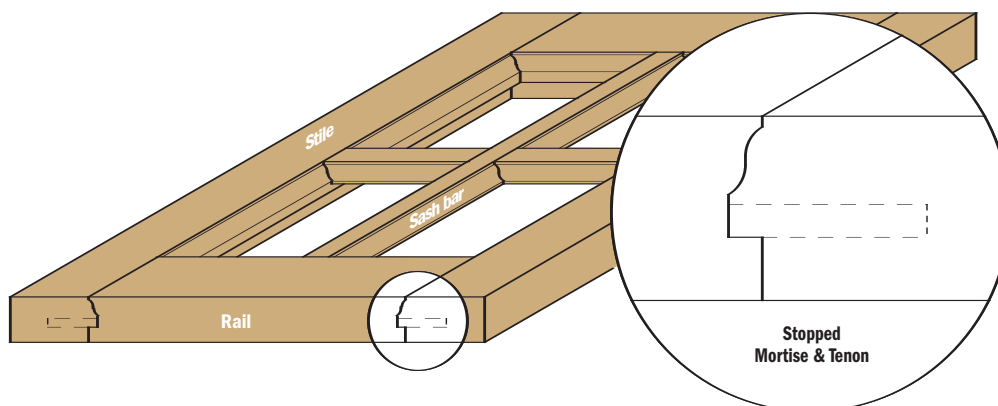
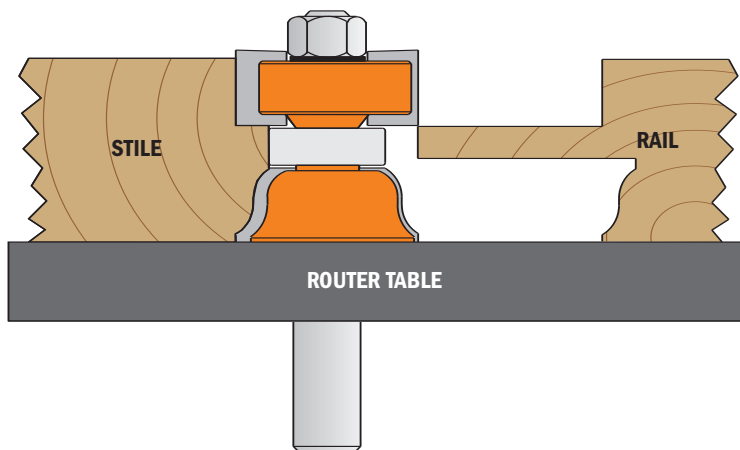
STEP 2 - Making the cope profile on rails, sash bar and muntins

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.

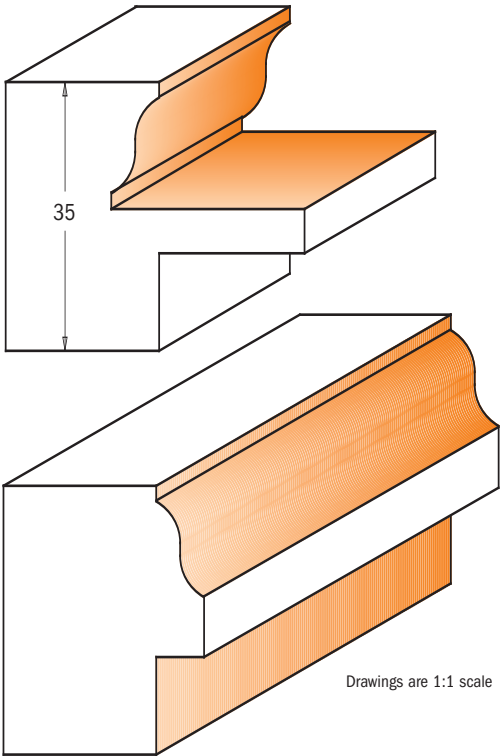
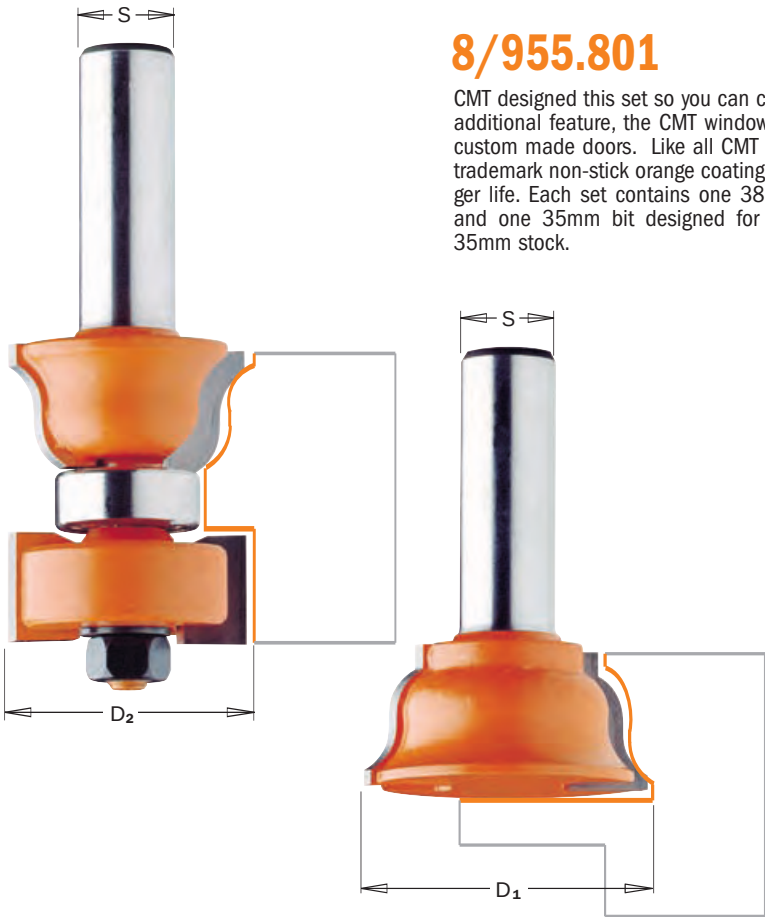


Window sash set



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 ₁ mm	D ₂ mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
38	25				955.801.11	855.801.11	Bearing Ø22mm	Slot cutter	Spacer	Nut for arbor M8
							791.012.00	822.004.00	541.518.00	990.020.00

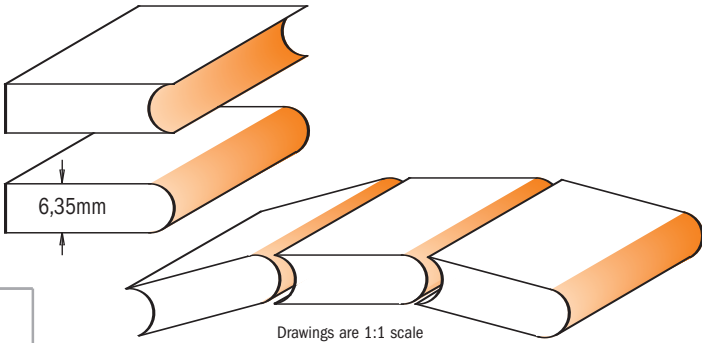
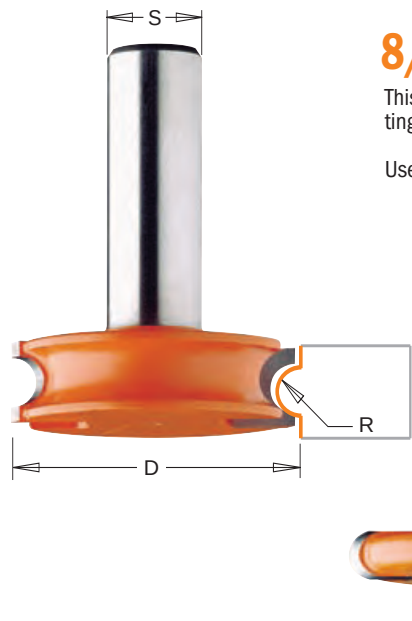
Flute & bead set



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					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
3,2	38					955.701.11	855.701.11

Ovolo sash bits

new

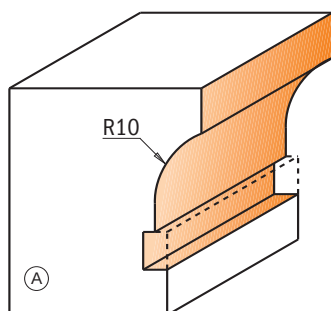
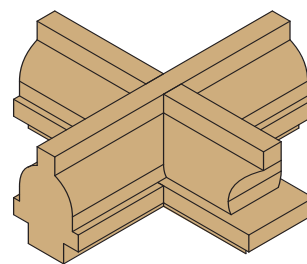
CMT ORANGE TOOLS™



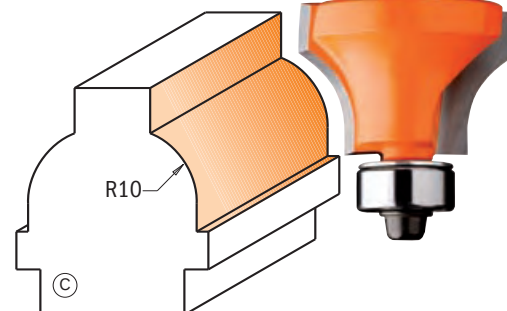
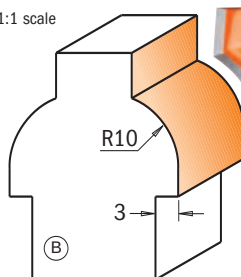
8/955.3

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

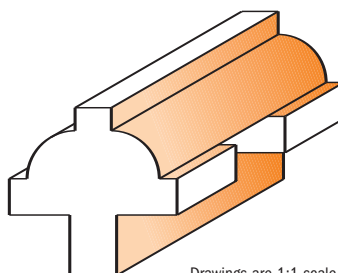
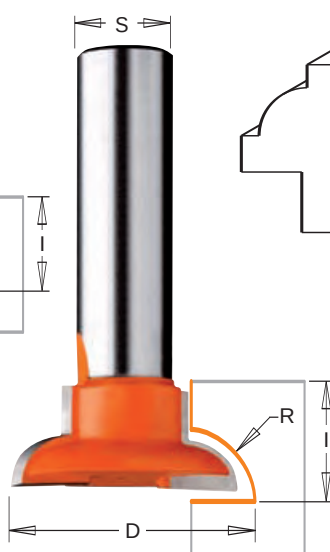
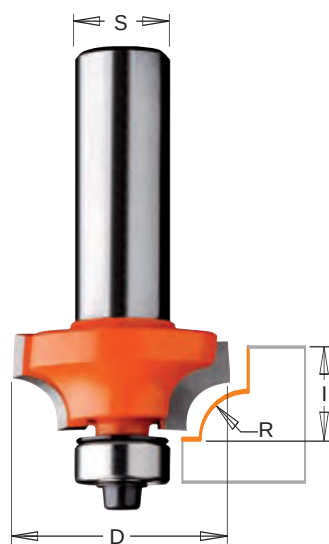


D mm	I mm	R mm	Profile	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	Spare parts			
22	19	10	B	855.307.11F	955.307.11F	Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
22	19	10	A	855.307.11M	955.307.11M				
28	19	10	C	855.308.11F	955.308.11F				
						990.423.00	791.003.00	990.058.00	991.057.00

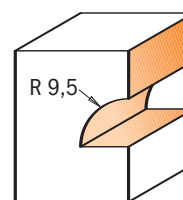
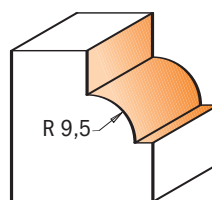
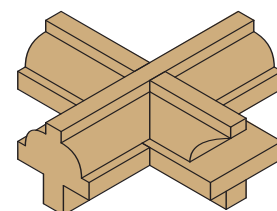
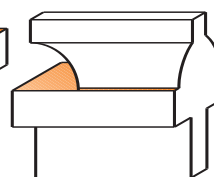
Ovolo sash set

new

955.302 - 855.802

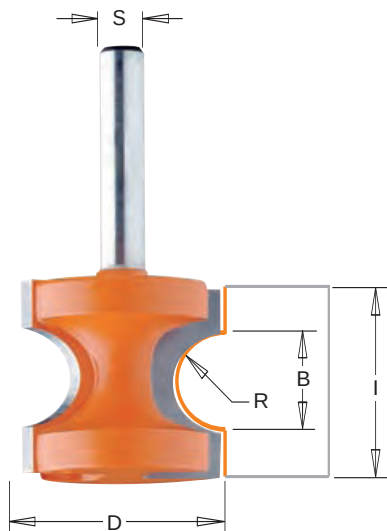


Drawings are 1:1 scale



D mm	I mm	R mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm	Spare parts			
31,7	12	6,35	955.302.11	855.802.11	Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
						990.423.00	791.003.00	990.058.00 991.057.00

Bead & Bull nose bits

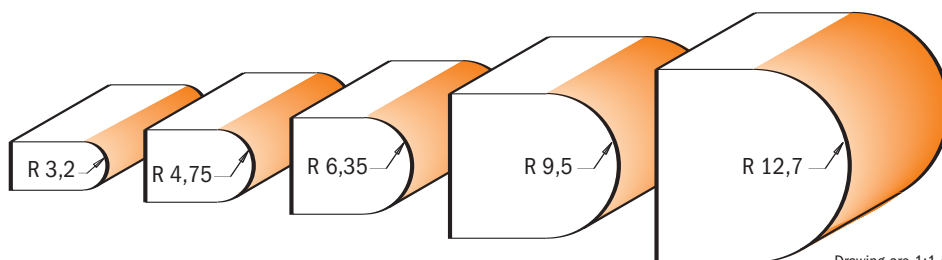


7/8/954



CMT bull nose bits create beautifully finished edges on stair treads, window sills and shelves in a pass. Ad 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.

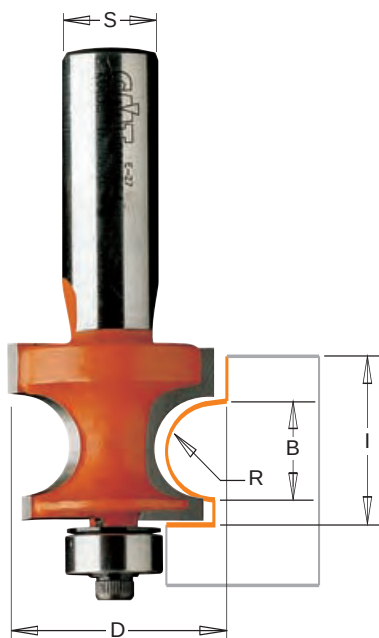
Safety tips: to be used only on router tables equipped with a fence. Do not remove the workpiece while the bit is routing.



Drawing are 1:1 scale

R mm	D mm	B 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
3,2	22,2	6,56	19	754.002.11	854.002.11	954.002.11	954.502.11	854.502.11
4,75	25,4	9,85	22	754.003.11	854.003.11	954.003.11	954.503.11	854.503.11
6,35	28,6	13,15	25,5	754.004.11	854.004.11	954.004.11	954.504.11	854.504.11
9,5	34,9	19,71	35				954.507.11	854.507.11
12,7	44,5	26,30	41				954.509.11	854.509.11

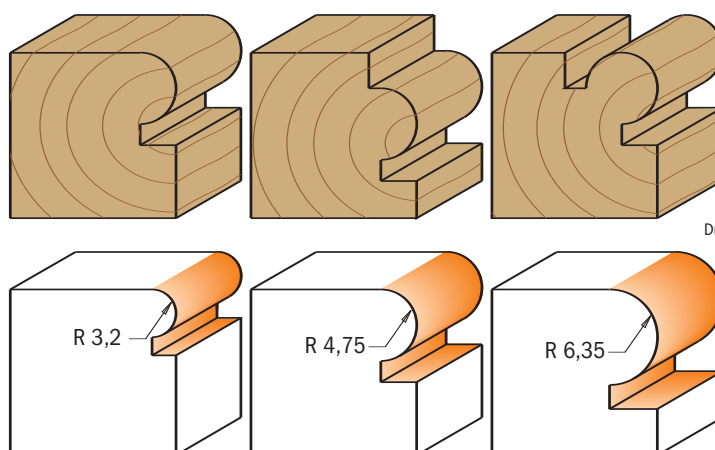
Corner beading bits



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.

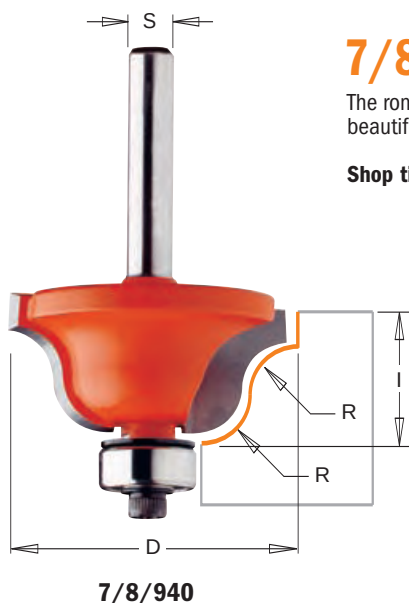


Drawing are 1:1 scale

R mm	D mm	B 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	Spare parts		
3,2	22,2	6,50	15	761.032.11	861.032.11	961.032.11	961.532.11	861.532.11	Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W
4,75	25,4	9,68	18,6	761.048.11	861.048.11	961.048.11	961.548.11	861.548.11	990.423.00	791.003.00	990.058.00
6,35	28,6	12,86	22,2	761.064.11	861.064.11	961.064.11	961.564.11	861.564.11	990.423.00	791.003.00	990.058.00

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

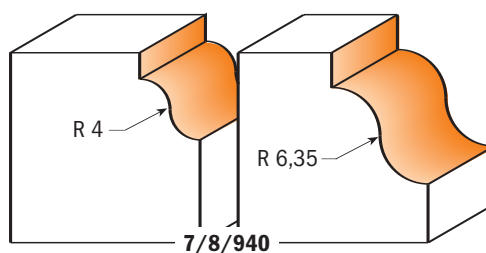
Roman ogee bits



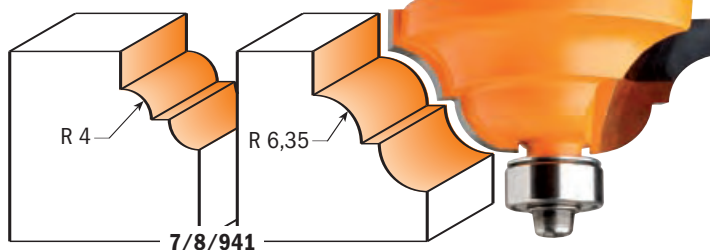
7/8/940 - 7/8/941

The roman ogee and the horizontal bead may be the most popular edge treatment in woodworking, and they are the most beautiful. These bits include all CMT bits features and produce perfect rendition of classic design.

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

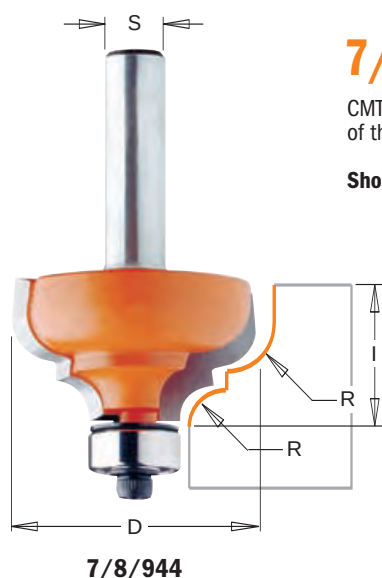


Drawings are 1:1 scale



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	Spare parts			
								Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
4	28,7	11,5	740.270.11	840.270.11	940.270.11	940.770.11	840.770.11	990.423.00	791.003.00	990.058.00	991.057.00
6,4	38,1	17,3	740.350.11	840.350.11	940.350.11	940.850.11	840.850.11	990.423.00	791.003.00	990.058.00	991.057.00
4	33,4	13	741.285.11	841.285.11	941.285.11	941.785.11	841.785.11	990.423.00	791.003.00	990.058.00	991.057.00
6,4	42,8	18,5	741.380.11	841.380.11	941.380.11	941.880.11	841.880.11	990.423.00	791.003.00	990.058.00	991.057.00

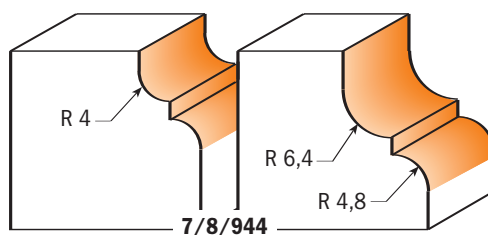
Classical ogee bits



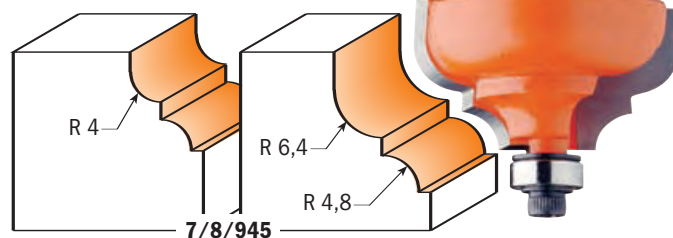
7/8/944 - 7/8/945

CMT's classical ogee and bead 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.

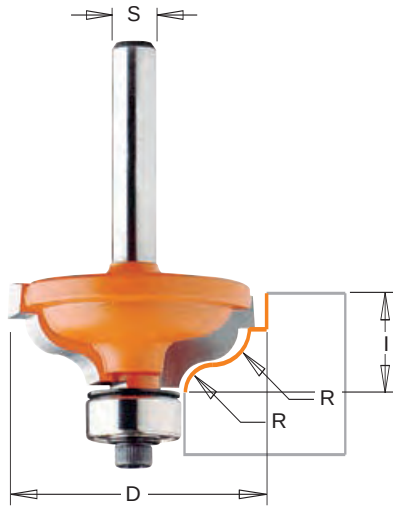


Drawings are 1:1 scale



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	Spare parts			
								Shield	Bearing	Screw 1/8W	Hex key 3/32"
4	28,7	13	744.287.11	844.287.11	944.287.11	944.787.11	844.787.11	990.423.00	791.003.00	990.058.00	991.057.00
6,4-4,8	35	18,5	744.350.11	844.350.11	944.350.11	944.850.11	844.850.11	990.423.00	791.003.00	990.058.00	991.057.00
4	28,7	13	745.287.11	845.287.11	945.287.11	945.787.11	845.787.11	990.422.00	791.002.00	990.058.00	991.057.00
6,4-4,8	35	18,5	745.350.11	845.350.11	945.350.11	945.850.11	845.850.11	990.422.00	791.002.00	990.058.00	991.057.00

Ogee with fillet bits



7/8/946

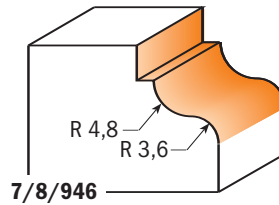
7/8/946 - 7/8/947

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.

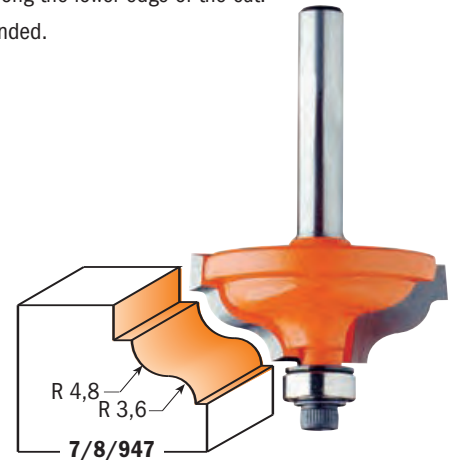
For a more-detailed profile, this bit adds an inset bead along the lower edge of the cut.

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



7/8/946

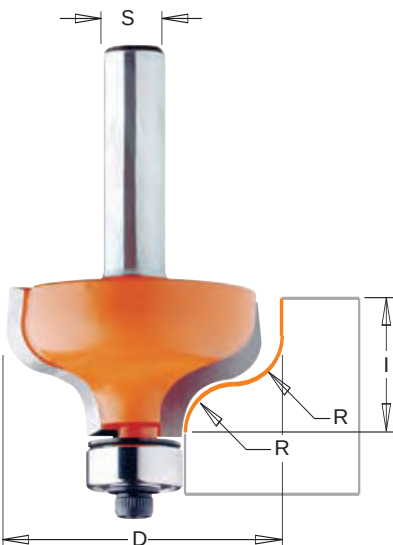
Drawings are 1:1 scale



7/8/947

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	Spare parts			
								Shield	Bearing	Screw 1/8W	Hex key 3/32"
4,8-3,6	34,2	13	746.325.11	846.325.11	946.325.11	946.825.11	846.825.11	990.423.00	791.003.00	990.058.00	991.057.00
4,8-3,6	34,2	13	747.325.11	847.325.11	947.325.11	947.825.11	847.825.11	990.422.00	791.002.00	990.058.00	991.057.00

Ogee bits



7/8/959

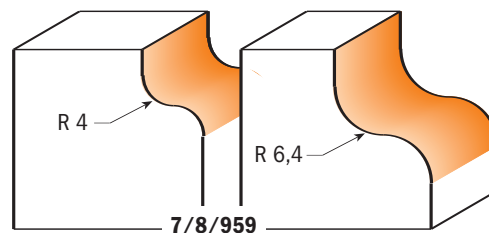
7/8/959 - 7/8/960

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.

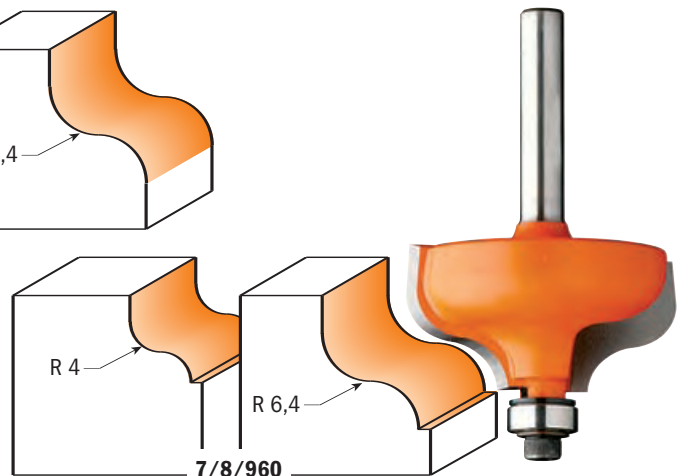
These bits are identical to the 7/8/959 series with the addition of an inset bead along the lower edge.

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



7/8/959

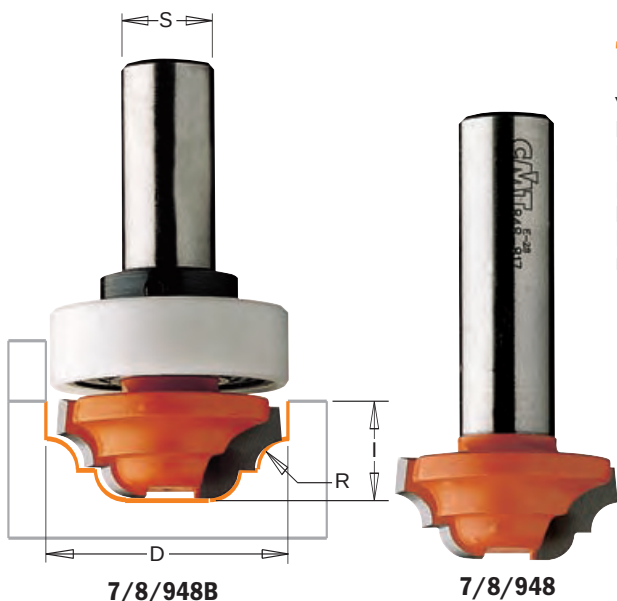
Drawings are 1:1 scale



7/8/960

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	Spare parts			
								Shield	Bearing	Screw 1/8W	Hex key 3/32"
4	28,7	13	759.040.11	859.040.11	959.040.11	959.540.11	859.540.11	990.423.00	791.003.00	990.058.00	991.057.00
6,4	38,1	18	759.064.11	859.064.11	959.064.11	959.564.11	859.564.11	990.423.00	791.003.00	990.058.00	991.057.00
4	28,7	13	760.040.11	860.040.11	960.040.11	960.540.11	860.540.11	990.422.00	791.002.00	990.058.00	991.057.00
6,4	38,1	18	760.064.11	860.064.11	960.064.11	960.564.11	860.564.11	990.422.00	791.002.00	990.058.00	991.057.00

Plunge ogee bits



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

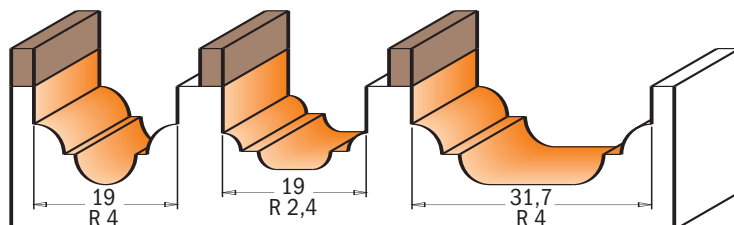


You will never run out of ideas with this creative bit. Add a classic touch to any edge or highlight door fronts and panels with decorative layered effects.

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.

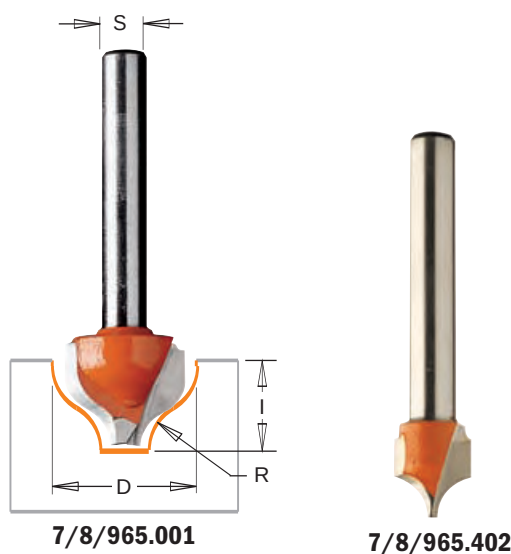


Drawings are 1:1 scale

D mm	R mm	I mm	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
								Bearing	Stop collar	Screw M3x3
19	4	13	748.190.11	848.190.11	948.190.11					
19	2,4	12	748.191.11	848.191.11	948.191.11					
31,7	4	13			948.317.11	948.817.11	848.817.11			
with top bearing										
19	4	13	748.190.11B					791.007.00	541.003.00	990.005.00
19	4	13		848.190.11B				791.004.00	541.001.00	990.005.00
19	2,4	12	748.191.11B					791.007.00	541.003.00	990.005.00
19	2,4	12		848.191.11B				791.004.00	541.001.00	990.005.00
31,7	4	13			948.317.11B			791.015.00	541.002.00	990.005.00
31,7	4	13				948.817.11B		791.015.00	541.005.00	990.005.00
31,7	4	13					848.817.11B	791.015.00	541.002.00	990.005.00

Spare parts 991.056.00 1,5mm hex key

Decorative ogee bits

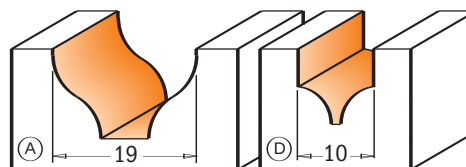


7/8/965.001 - 7/8/965.402



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.



Drawing are 1:1 scale

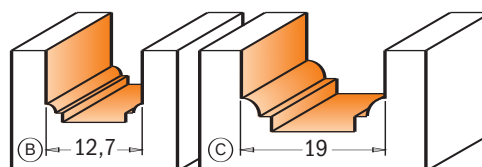
D mm	R mm	I mm	Profile	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
19	6,4	11	A	765.001.11	865.001.11	965.001.11	965.501.11	865.501.11
10	5	10	D	765.402.11	865.402.11	965.402.11		

Decorative ogee bits



7/8/965.101-102

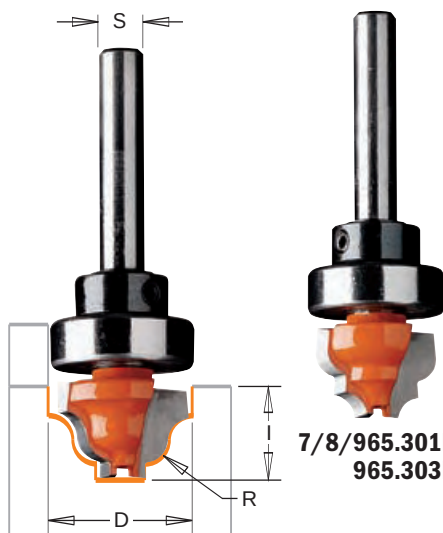
This new CMT bit produces a classic single or double edged bead. Ideal for creating a marked decorative effect on panel, door and drawer work.



Drawing are 1:1 scale

D mm	R mm	I mm	Profile	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm		
12,7	1,2	12,7	B	765.101.11	865.101.11	965.101.11		
19	2,4	11	C	765.102.11	865.102.11	965.102.11		

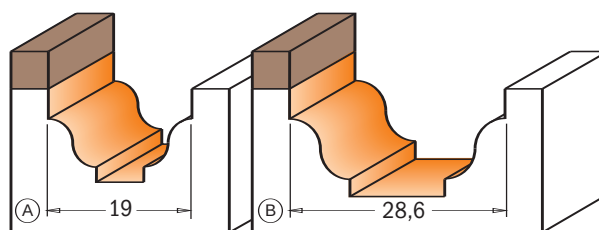
Classical bead bits



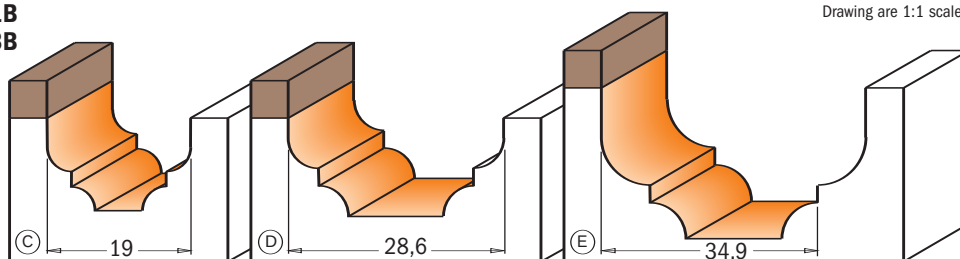
7/8/965.201B
965.202B

7/8/965.301B
965.303B

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.



Drawing are 1:1 scale



D mm	R mm	I 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	A	765.201.11B					Bearing	Stop collar	Screw M3x3
19	3,2	12,3	A		865.201.11B				791.007.00	541.003.00	990.005.00
28,6	4	14,3	B			965.202.11B			791.004.00	541.001.00	990.005.00
28,6	4	14,3	B				965.702.11B		791.027.00	541.002.00	990.005.00
28,6	4	14,3	B					865.702.11B	791.027.00	541.005.00	990.005.00
19	3,2	12,3	C	765.301.11B					791.027.00	541.002.00	990.005.00
19	3,2	12,3	C		865.301.11B				791.007.00	541.003.00	990.005.00
28,6	4	13,3	D			965.302.11B		865.802.11B	791.004.00	541.001.00	990.005.00
28,6	4	13,3	D				965.802.11B		791.027.00	541.002.00	990.005.00
34,9	4,76 - 6,35	18,5	E			965.303.11B			791.027.00	541.005.00	990.005.00
34,9	4,76 - 6,35	18,5	E					865.803.11B	791.031.00	541.004.00	990.005.00
									791.029.00	541.002.00	990.005.00

Spare parts 991.056.00 1,5mm hex key

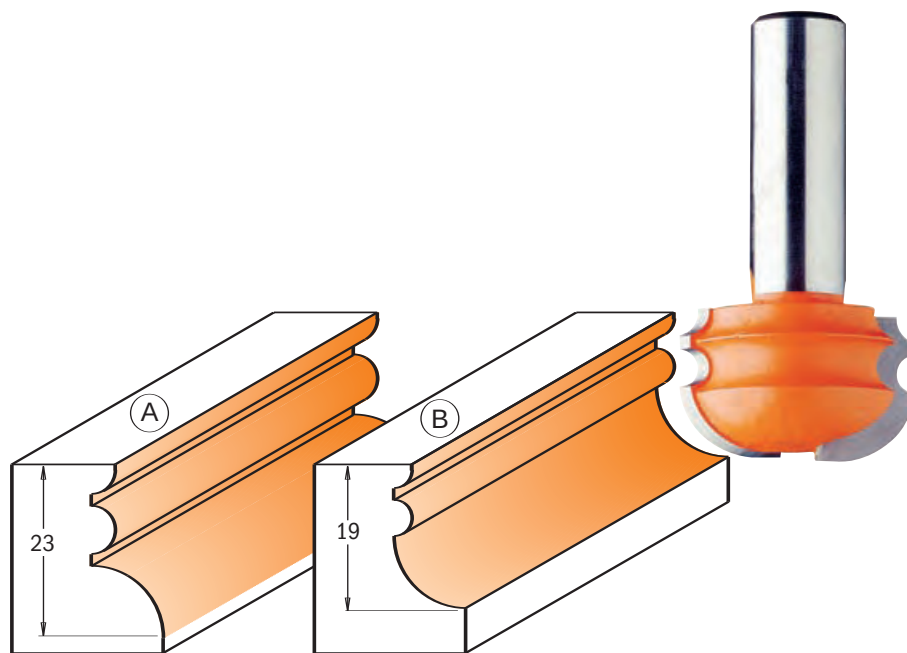
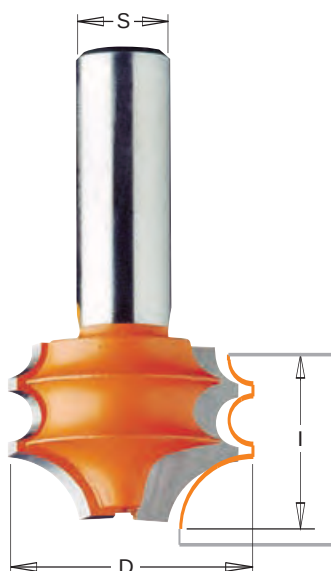


8/956.851

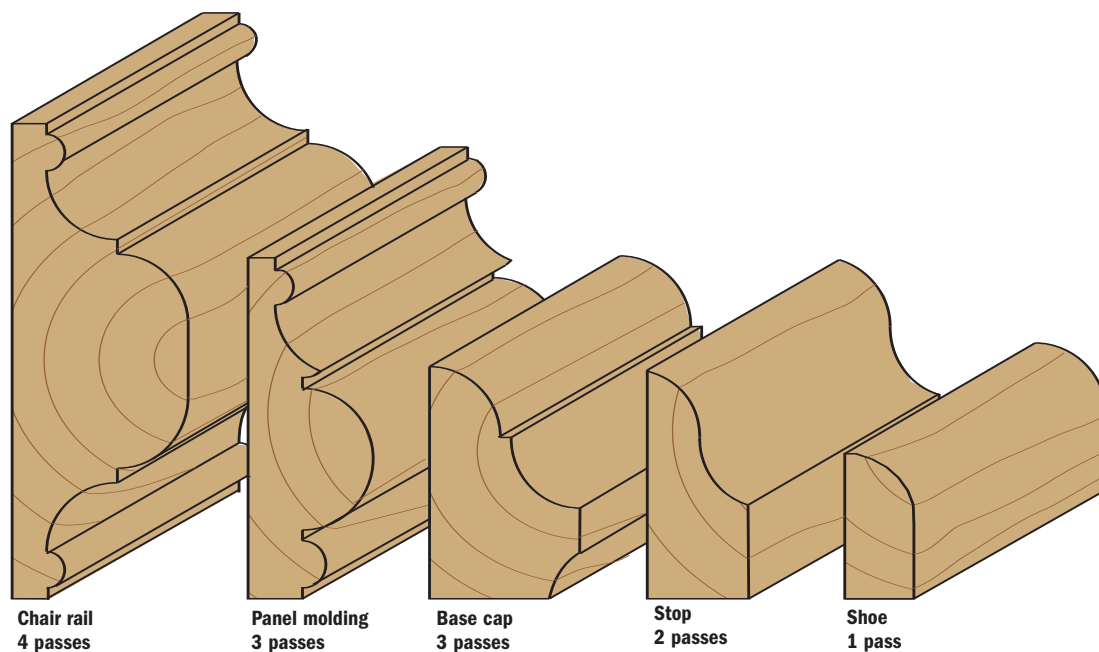
If the standard selection of molding and mill work you find in today's lumber shops isn't satisfactory to your woodworking tastes, then look to CMT's molding system instead. With these bits, you can make dozens of elaborate profiles by combining two or more passes. Avoid the average and create your own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

Safety tips: Use these bits with a fence.

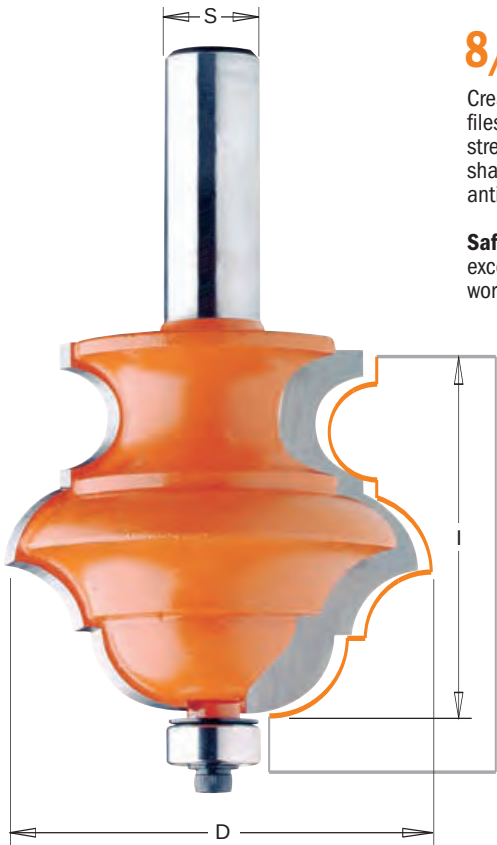
The profiles shown below are milled from heavy stock then refined to the desired shape.



Drawings are 1:1 scale



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

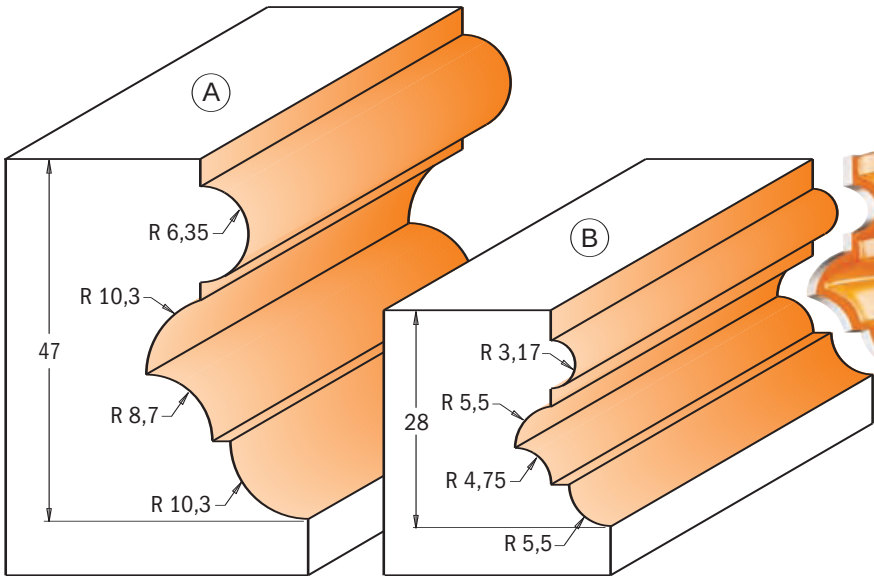
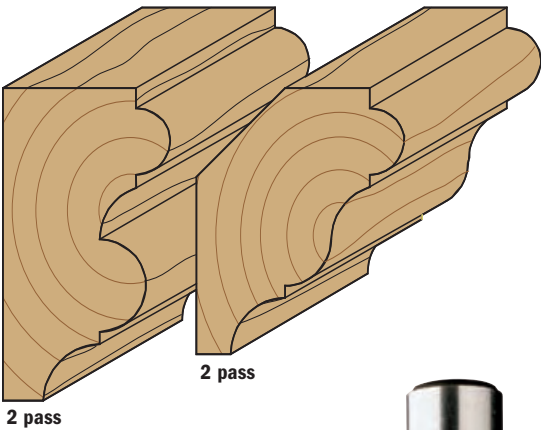
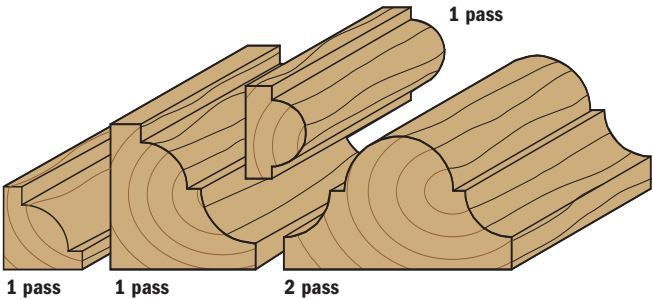


8/956.8



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 bits super-strength steel body can withstand long-lasting cutting operations, and the micrograin 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				Spare parts			
						Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
A	55,6	47				956.802.11	856.802.11	990.423.00	991.057.00
B	38,1	28				956.801.11	856.801.11	990.423.00	991.057.00

Molding bits

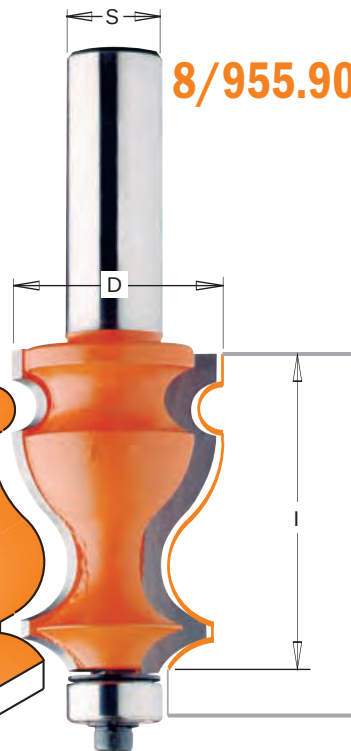
Why waste time searching for a particular style of frame molding when you can just as quickly and easily make your own. With the wide range of decorative possibilities offered by CMT molding bits, you can always create the edge profile you want, anywhere you want and any time you want. These CMT bits 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.

Shop Tips: Multiple pass operations require advance planning. To avoid making a mistake that could render it impossible to finish the job, carefully consider the entire cutting sequence before you begin.

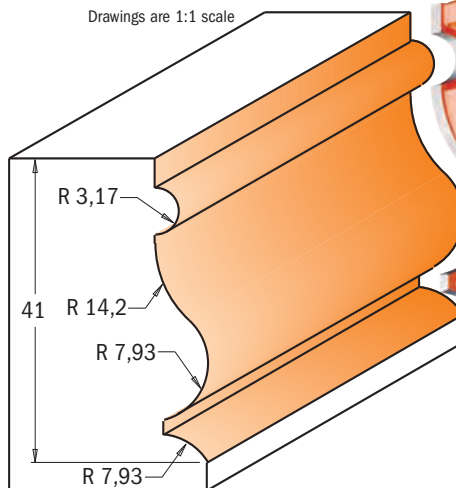
Safety Tips: All large diameter bits such as these should be used with caution and on router tables equipped with a fence. For best results, 2-1/4 HP routers are recommended. Routers as low-powered as 1-1/2 HP can be used if limited to shorter, shallower runs. When possible, reduce the RPMs of the router for operations requiring the use of these bits.



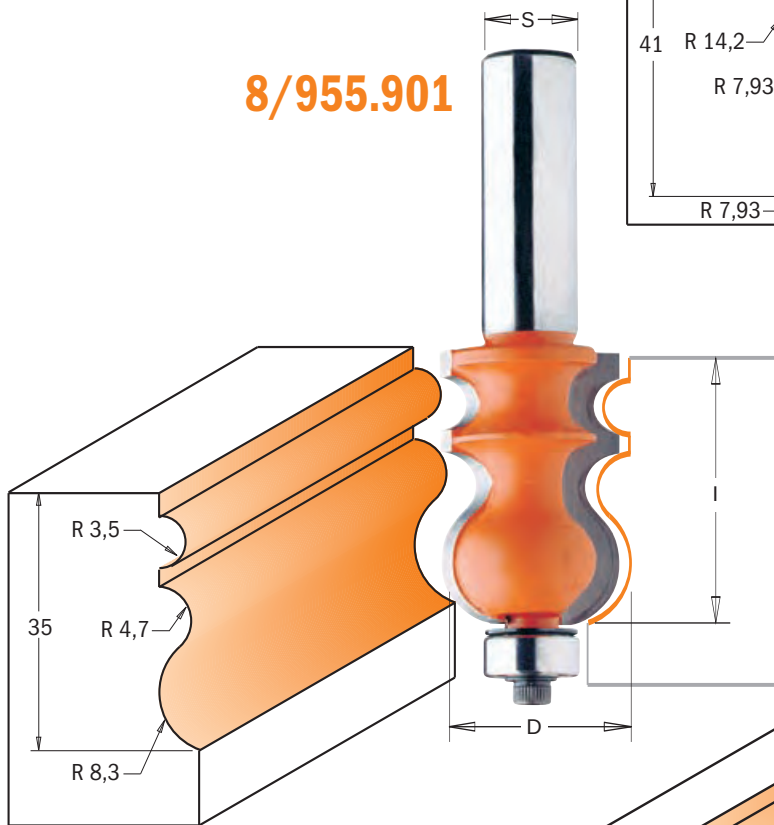
8/955.902



Drawings are 1:1 scale

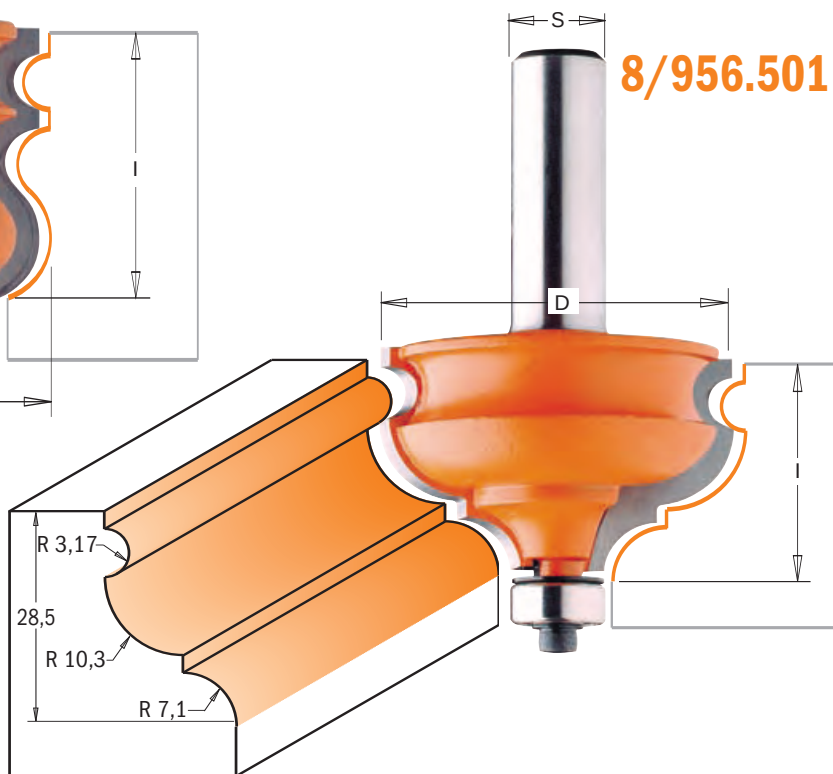


8/955.901



Drawings are 1:1 scale

8/956.501

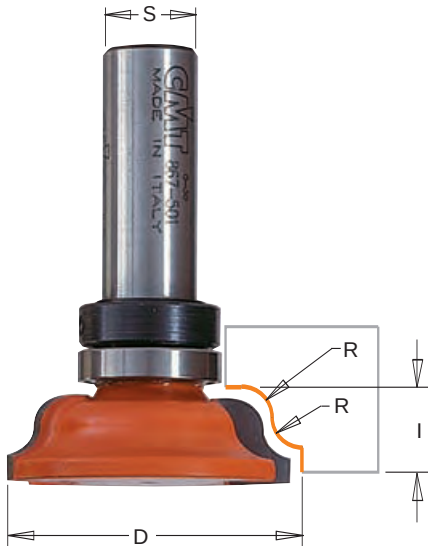


Drawings are 1:1 scale

Spare parts

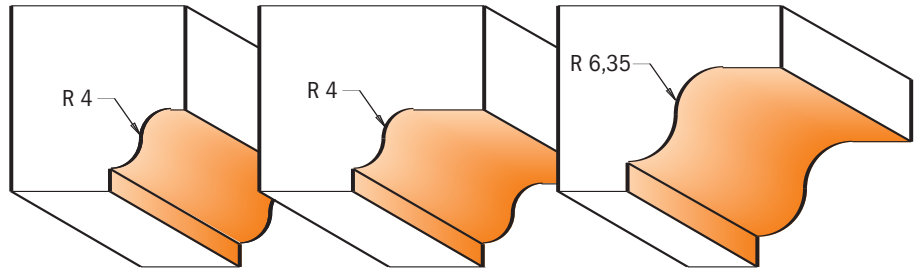
D mm	I mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
23,8	35	955.901.11	855.901.11	990.423.00	791.003.00	990.058.00	991.057.00
27	41	955.902.11	855.902.11	990.423.00	791.003.00	990.058.00	991.057.00
47,5	28,5	956.501.11	856.501.11	990.423.00	791.003.00	990.058.00	991.057.00

Molding bits “Lonnie Bird”



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

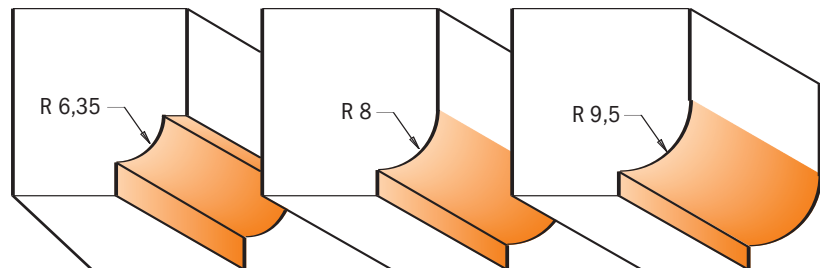
R mm	D mm	I mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
						Bearing Ø9,5mm	Stop collar Ø12,7mm	Screw M3x3	Hex key 1,5mm
4	39,5	11,5	967.001.11B	967.501.11B	867.501.11B	791.011.00	541.002.00	990.005.00	991.056.00
4	54	11,5		967.502.11B	867.502.11B	791.011.00	541.002.00	990.005.00	991.056.00
6,35	60,5	17,3		967.503.11B	867.503.11B	791.011.00	541.002.00	990.005.00	991.056.00

Molding bits “Lonnie Bird”



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	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
						Bearing Ø9,5mm	Stop collar Ø12,7mm	Screw M3x3	Hex key 1,5mm
6,35	38	12,5	967.101.11B	967.601.11B	867.601.11B	791.011.00	541.002.00	990.005.00	991.056.00
8	35	13,2	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	967.103.11B	967.603.11B	867.603.11B	791.011.00	541.002.00	990.005.00	991.056.00

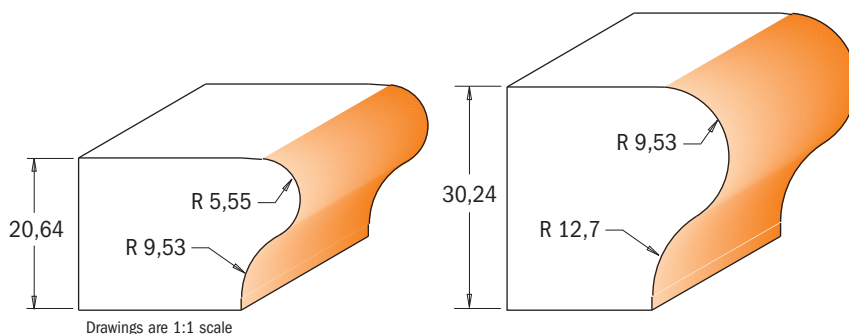
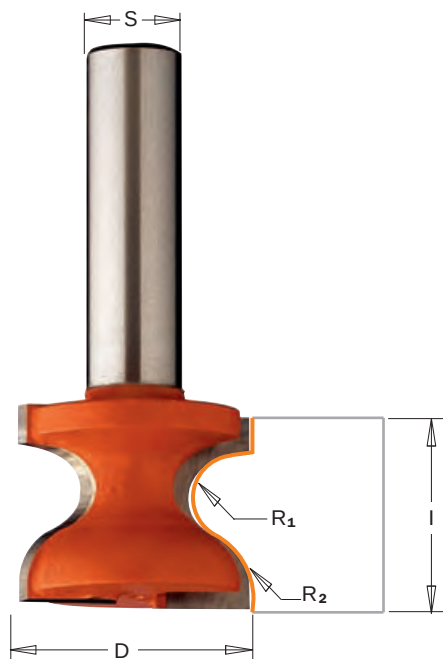
Window sill and finger bits

8/955.804 - 8/955.805



Originally intended for shaping window sill edges, these bits are also used for creating finger pulls on your door and drawer edges. Profiles available either in small version from 15,8mm to 19mm thick, or in a large version from 25,4mm to 28,7mm.

Recommended for use of router table only.



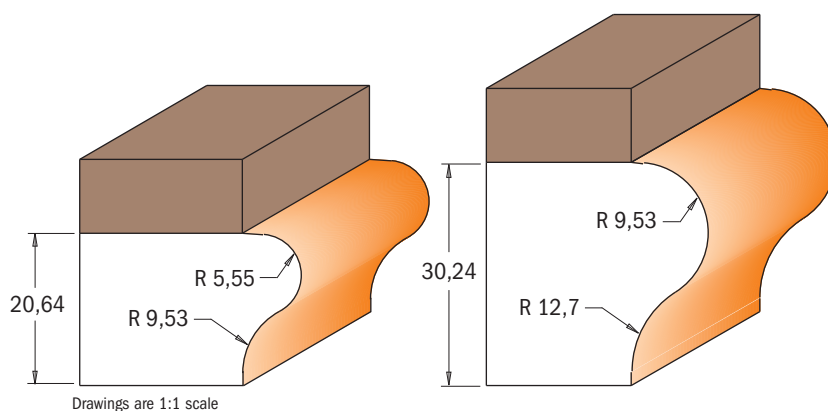
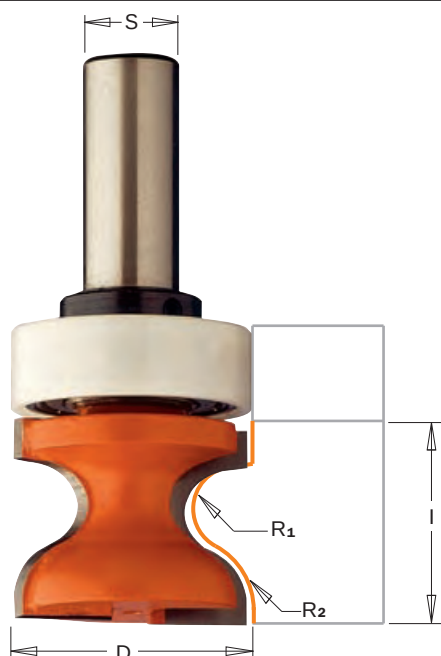
R ₁ mm	R ₂ mm	D mm	I mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
5,5	9,5	31,7	25,4				955.804.11	855.804.11
9,5	12,7	38,1	35				955.805.11	855.805.11

Window sill and finger bits

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. This profile is available in a small and large version for 15,8mm to 19mm or 25,4mm to 28,7mm material thicknesses. 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.



R ₁ mm	R ₂ mm	D mm	I mm			ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
5,5	9,5	31,7	25,4			955.804.11B		Bearing	Stop collar	Screw M3x3	Hex key 1,5mm
5,5	9,5	31,7	25,4				855.804.11B	791.015.00	541.005.00	990.005.00	991.056.00
9,5	12,7	38,1	35			955.805.11B		791.015.00	541.002.00	990.005.00	991.056.00
9,5	12,7	38,1	35				855.805.11B	791.020.00	541.005.00	990.005.00	991.056.00
9,5	12,7	38,1	35					791.020.00	541.002.00	990.005.00	991.056.00

Table edge and hand rail bits

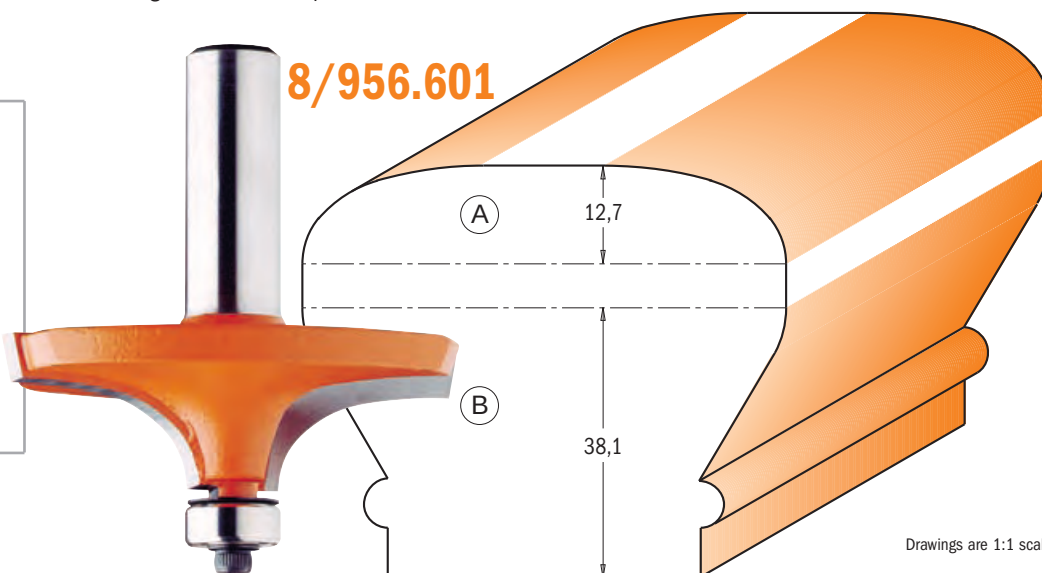


8/956.701

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!

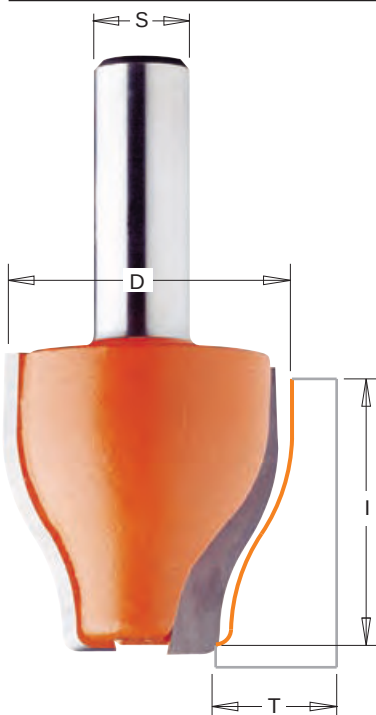
Safety tips: these profile bits remove large amounts of stock and make consistent quantities of dust. We recommend using a vacuum to keep the work area safe.



Drawings are 1:1 scale

Profile	D mm	I mm			ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
A	63,5	19			956.601.11	856.601.11	Shield Ø12,7mm	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
B	35	38			956.701.11	856.701.11	990.423.00	791.003.00	990.058.00	991.057.00

Vertical raised panel bits

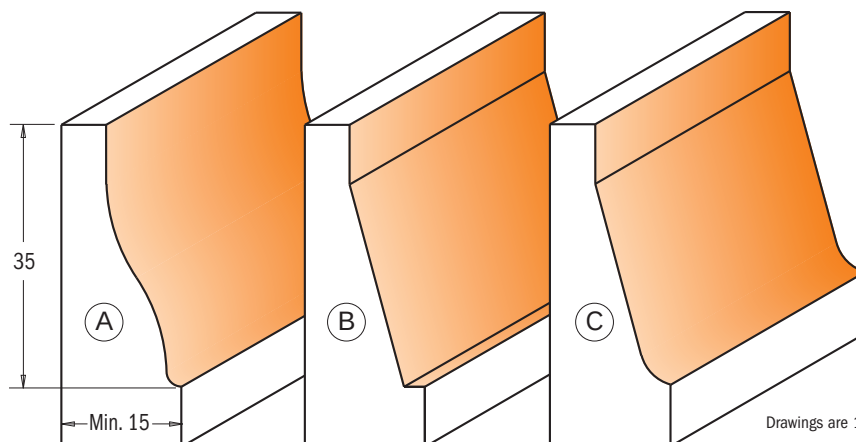


8/990.6

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.



Drawings are 1:1 scale

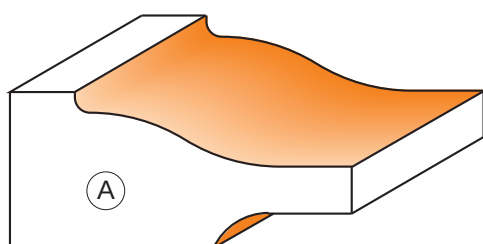
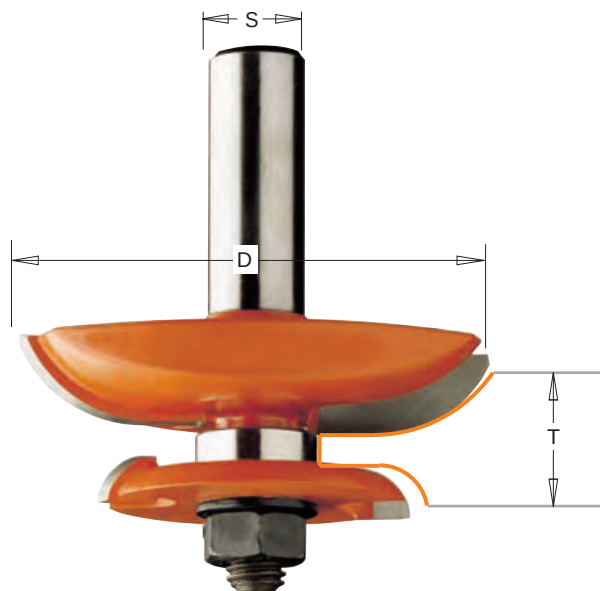
Profile	D mm	I mm	T mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
A	38	38	15 ÷ 18				990.601.11	890.601.11
B	38	38	15 ÷ 18				990.602.11	890.602.11
C	38	38	15 ÷ 18				990.603.11	890.603.11

Raised panel bit with back cutter

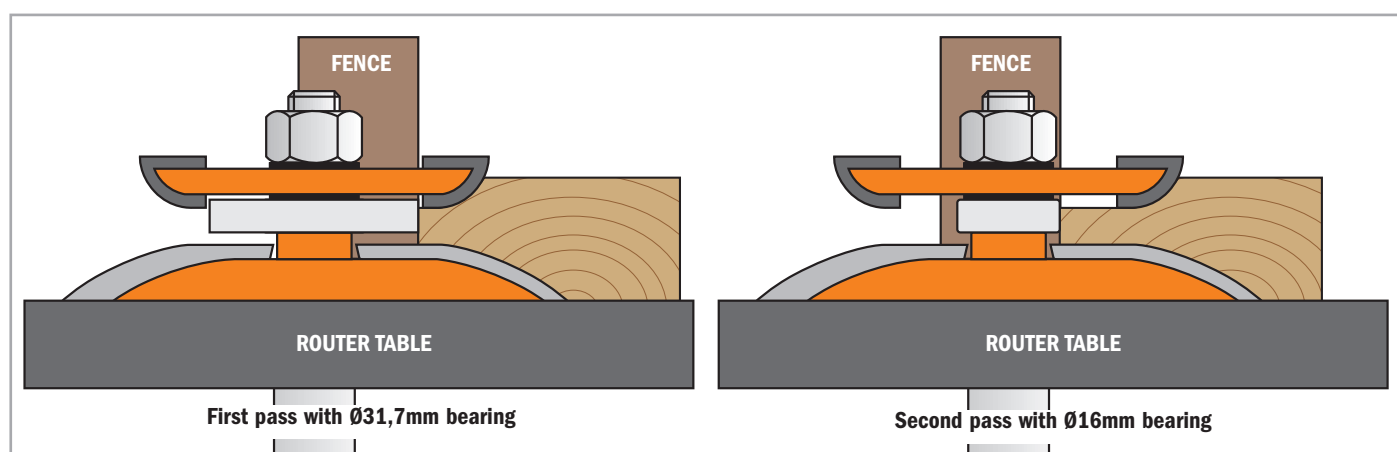
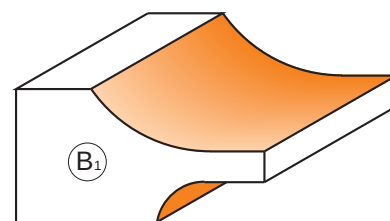
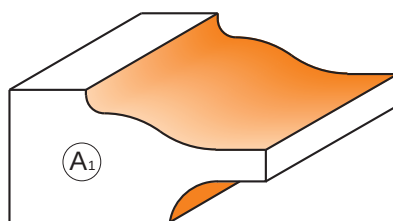
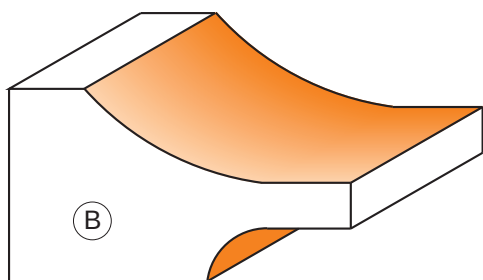
8/990



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.



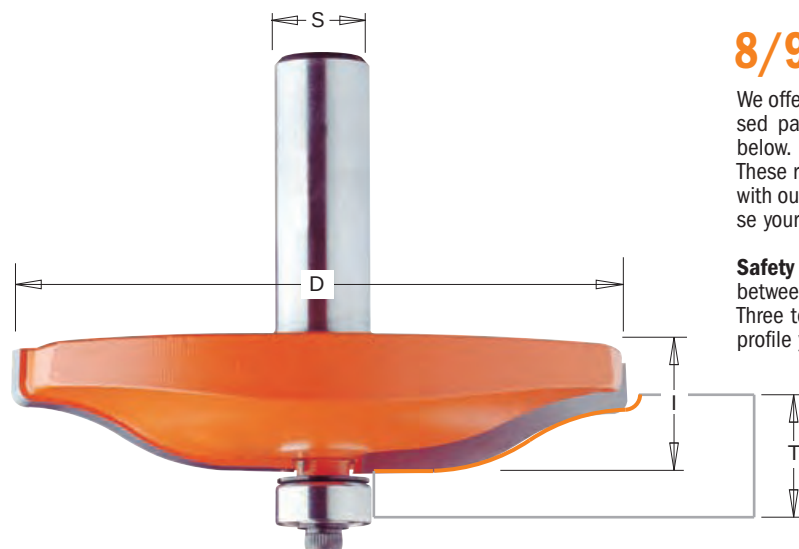
Drawings are 1:1 scale



Profile	D mm	T mm			ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
							Slot cutter	Bearing Ø16mm	Bearing Ø31,7mm	Nut M8
A	89	19 - 20,6			990.524.11	890.524.11	822.007.11	791.025.00	791.033.00	990.020.00
B	89	19 - 25,4			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			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			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



8/990.5

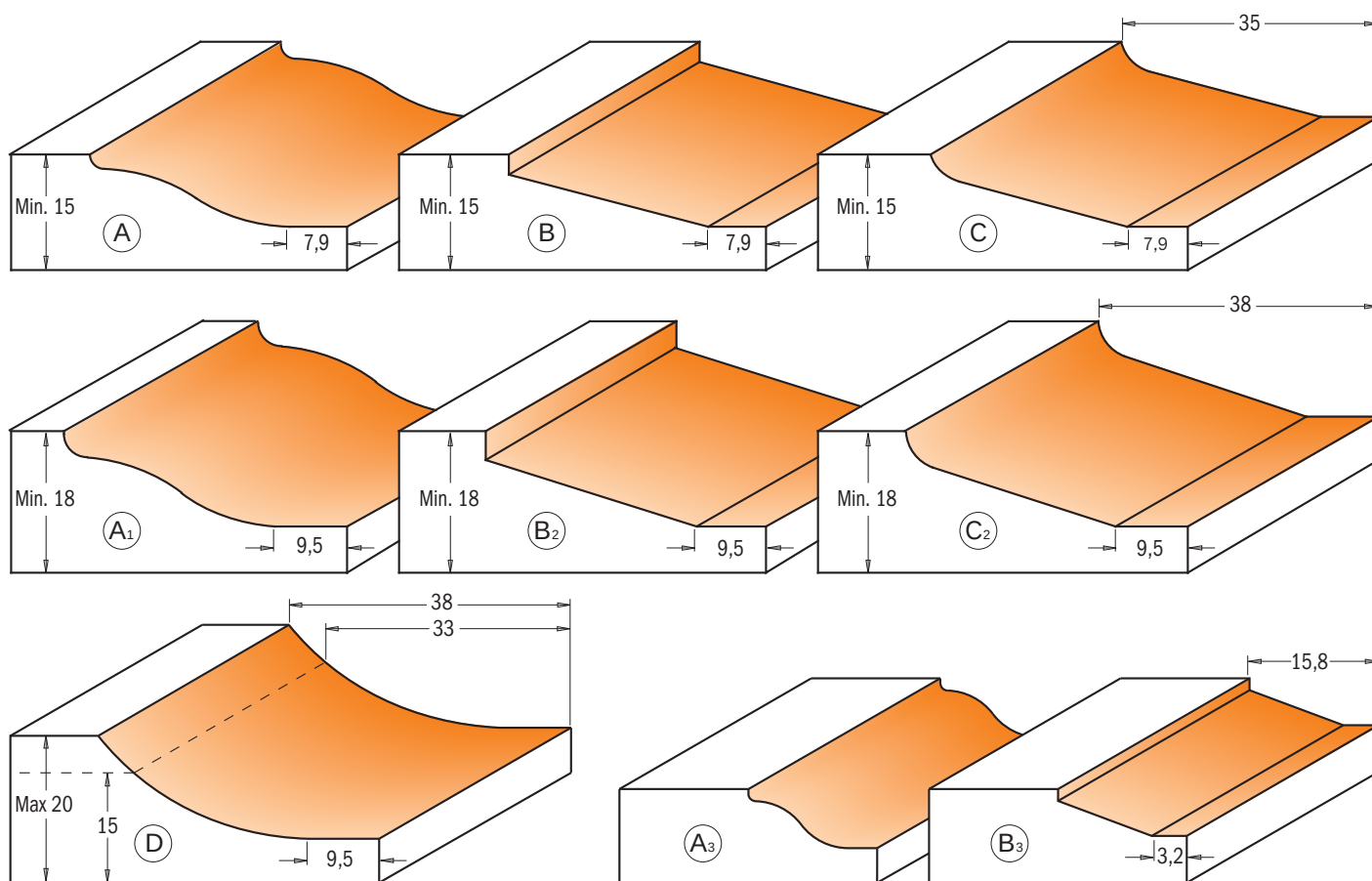


We offer you the traditional approach to panel construction with the CMT raised panel bit. Make classic raised panel doors as shown in the profiles below.

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

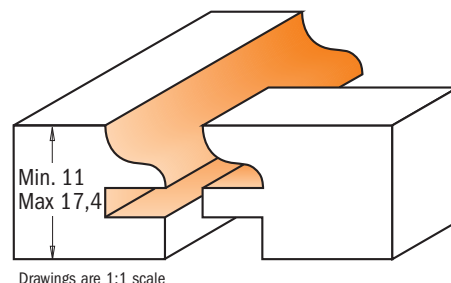
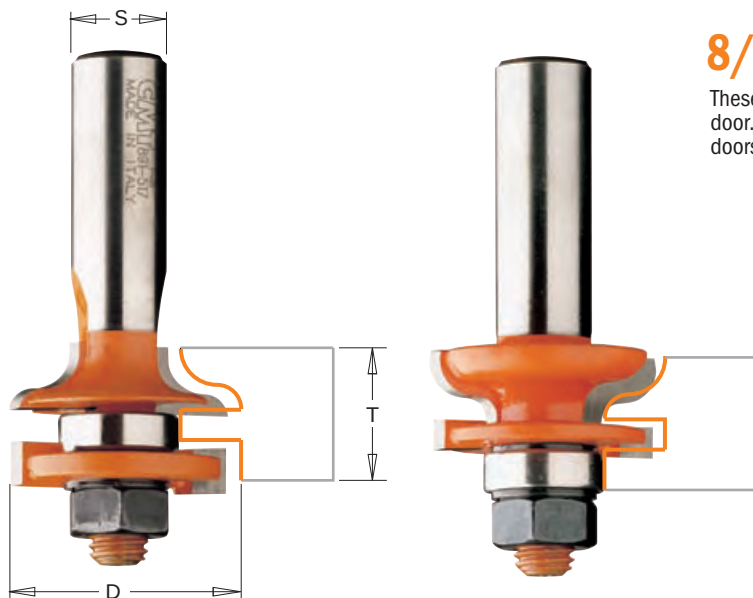
Profile	D mm	I mm	T mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
							Bearing Ø12,7mm	Shield Ø12,7mm	Screw 1/8W	Hex key 3/32"
A	82,5	15	15 ÷ 18		990.501.11	890.501.11	791.003.00	990.423.00	990.058.00	991.057.00
B	82,5	15	15 ÷ 18		990.502.11	890.502.11	791.003.00	990.423.00	990.058.00	991.057.00
C	82,5	15	15 ÷ 18		990.503.11	890.503.11	791.003.00	990.423.00	990.058.00	991.057.00
A ₂	89	15	18 ÷ 20		990.504.11	890.504.11	791.003.00	990.423.00	990.058.00	991.057.00
B ₂	89	15	18 ÷ 20		990.505.11	890.505.11	791.003.00	990.423.00	990.058.00	991.057.00
C ₂	89	15	18 ÷ 20		990.506.11	890.506.11	791.003.00	990.423.00	990.058.00	991.057.00
D	89	15	15 ÷ 20		990.507.11	890.507.11	791.003.00	990.423.00	990.058.00	991.057.00
A ₃	47,6	9,5	12,7 ÷ 15	990.011.11			791.003.00	990.423.00	990.058.00	991.057.00
B ₃	47,6	9,5	12,7 ÷ 15	990.012.11		890.512.11	791.003.00	990.423.00	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.



D mm	T mm					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
31,75	11 ÷ 17,5					991.517.11	891.517.11

Spare parts

822.008.11 Slot cutter 4mm spacer
822.009.11 Slot cutter 6mm spacer
791.025.00 Ø16mm bearing

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

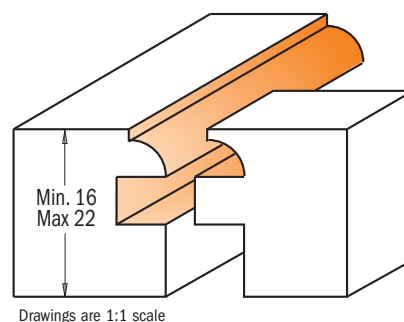
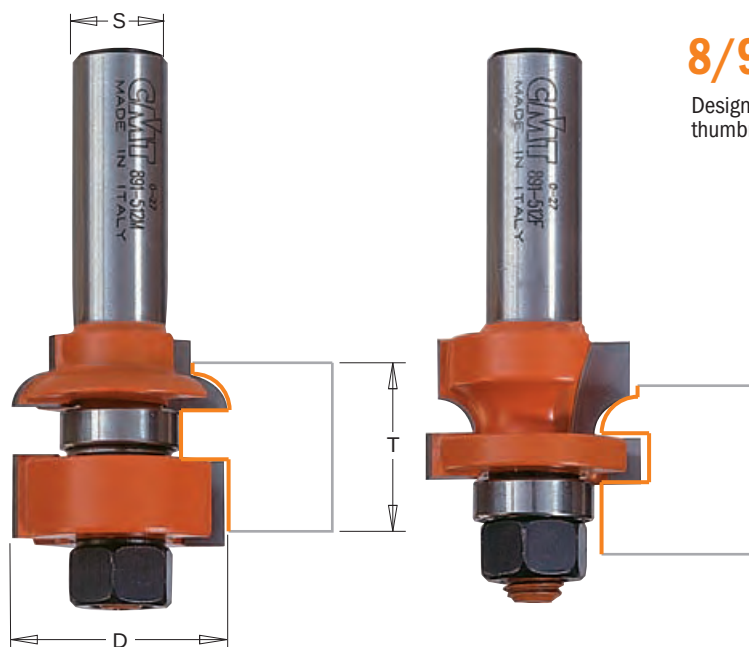
990.020.00 Nut for arbor M8, thread

“Lonnie Bird’s” 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.



D mm	T mm					ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
28,7	16 ÷ 22					991.012.11	891.512.11

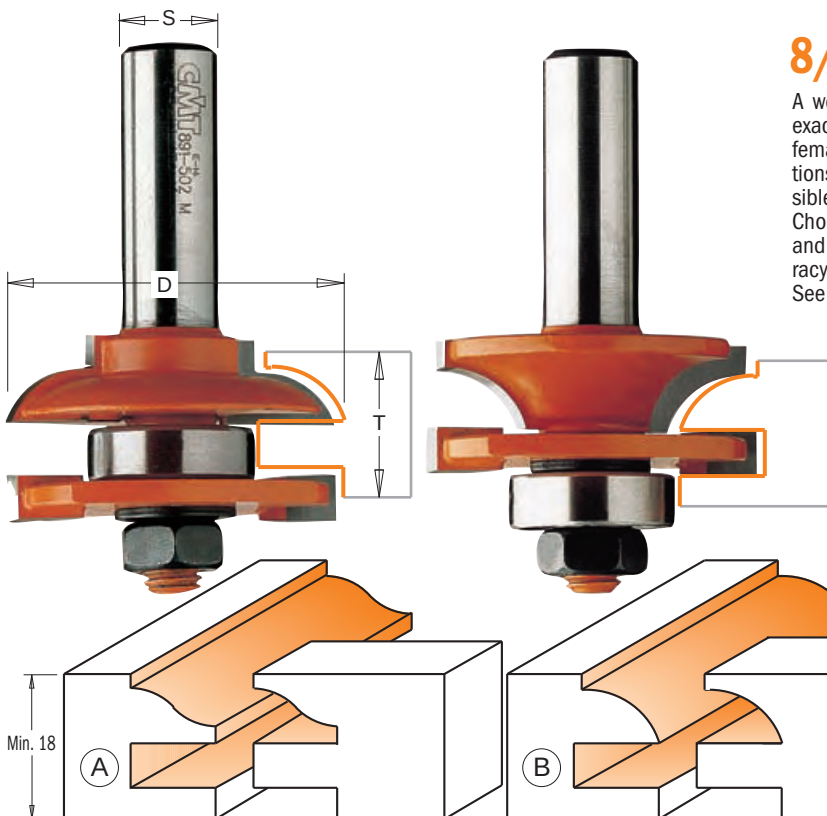
Spare parts

822.011.11 Slot cutter 6,35mm spacer
822.012.11 Slot cutter 10,8mm spacer
791.025.00 Ø16mm bearing

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

990.020.00 Nut for arbor M8, thread

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.

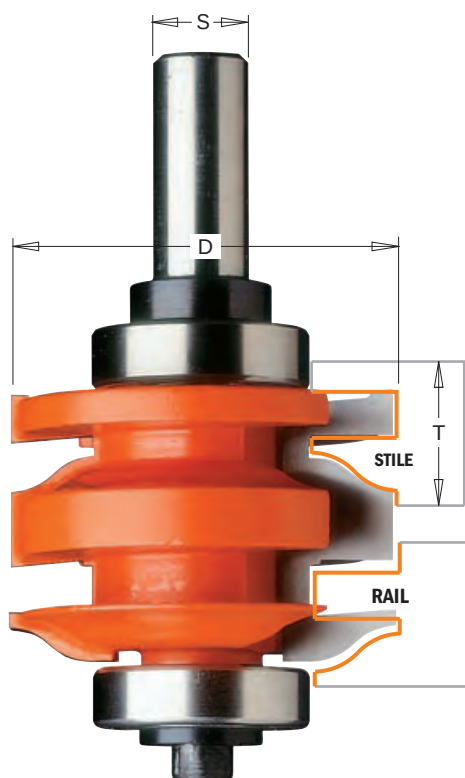
Choose the style of CMT rail and stile set that best suits your needs and create smooth, perfect joints in hard and soft woods with accuracy and speed. Perfect for working in stock from 18mm to 22mm. See chart and illustrations below for profile options available.

Drawings are 1:1 scale

Profile	D mm	T mm			ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts			
							Slot cutter	Bearing Ø22mm	Spacer 0,1mm	Spacer 0,3mm
A	44,4	18 ÷ 22			991.501.11	891.501.11	822.003.11	791.012.00	541.515.00	514.516.00
B	44,4	18 ÷ 22			991.502.11	891.502.11	822.003.11	791.012.00	541.515.00	514.516.00
C	44,4	18 ÷ 22			991.503.11	891.503.11	822.003.11	791.012.00	541.515.00	514.516.00

Spare parts **991.057.00** 3/32" hex key
990.020.00 Nut for arbor M8, thread

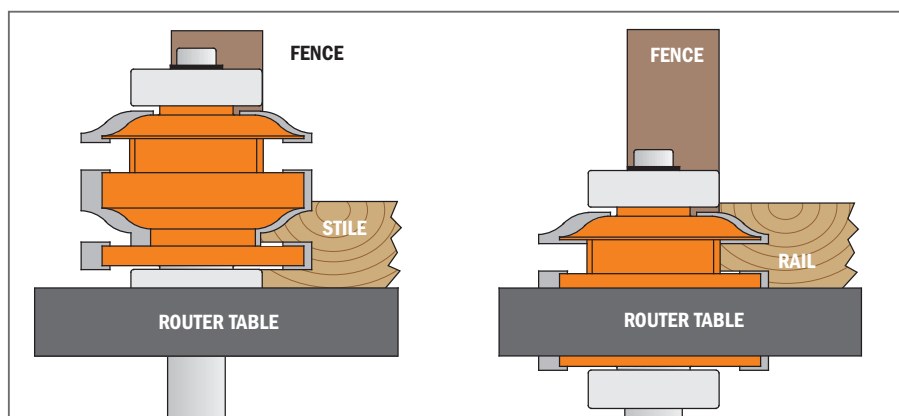
Rail & Stile sets



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	T mm			ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
							Bearing Ø28,5mm	Shield Ø12mm	Screw M3x3
A	50,87	18 ÷ 22			991.521.11	891.521.11	791.027.00	541.005.00	990.005.00

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.

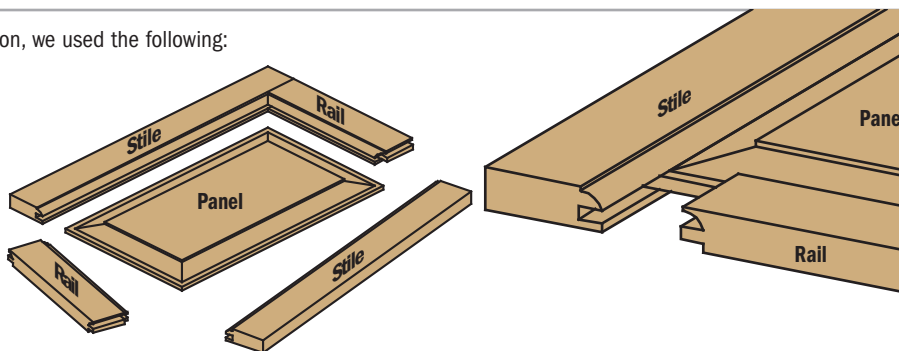


ILLUSTRATION A

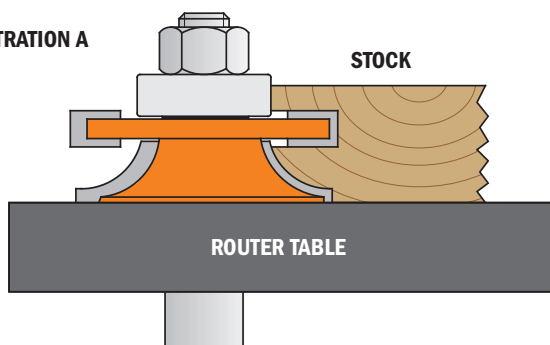
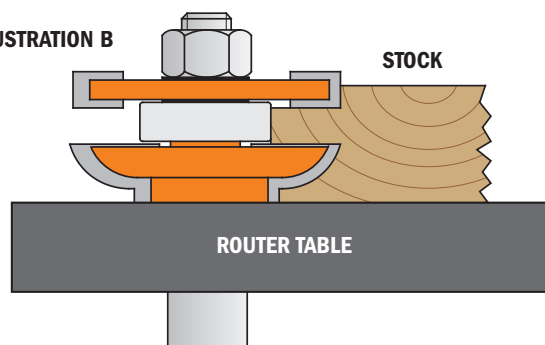


ILLUSTRATION B



MILLING THE RAILS AND STILES

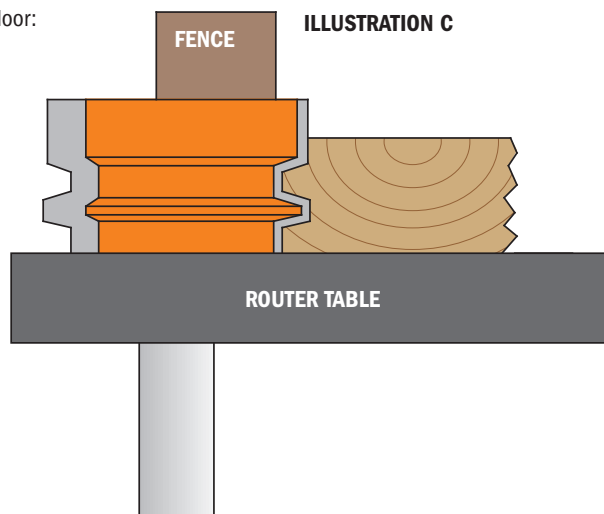
First make trial cuts of the cope profile (rail) and the stick profile (stile) in scrap stock and check the accuracy of the joint. This is extremely important when working at maximum thickness (22mm). Make sure your stock is flat and cut straight with square edges. Using the CMT Stile Bit shown in illustration 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 B, 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:
 $300 - 111 + 11 = 200\text{mm}$

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).

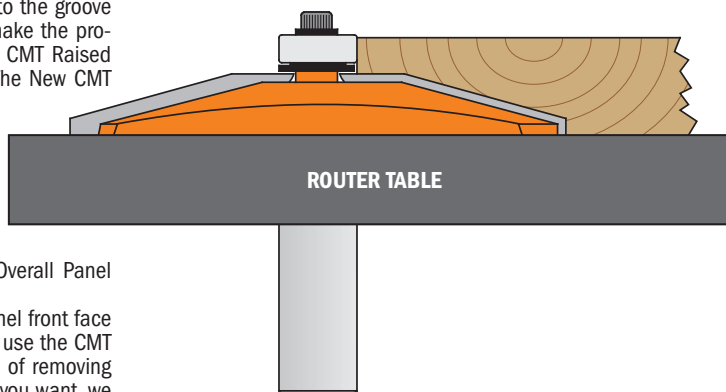
Use the following equation:
(Total door length - Sum of Stile widths) + Sum of 2 Tongues = Overall Panel Length

Therefore, using our example measurements listed above for a 600mm long cabinet door: $(600 - 116) + 16\text{mm} = 510\text{mm}$

And accordingly:

(Total door width - Sum of Stile widths) + Sum of 2 Tongues = 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.



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



870.501.11
970.501.11

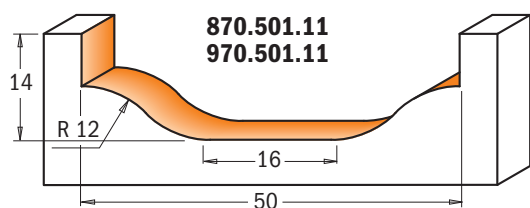


870.502.11
970.502.11

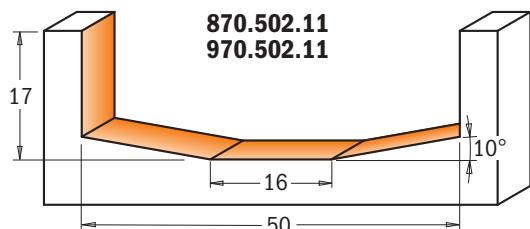


870.503.11
970.503.11

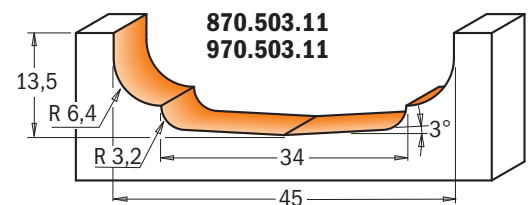
STILE BITS



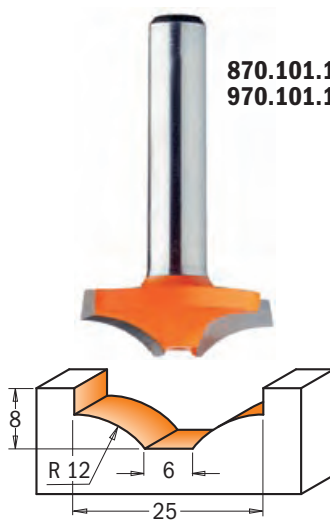
870.501.11
970.501.11



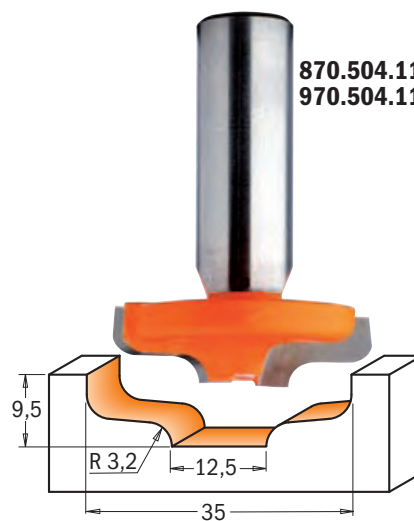
870.502.11
970.502.11



870.503.11
970.503.11

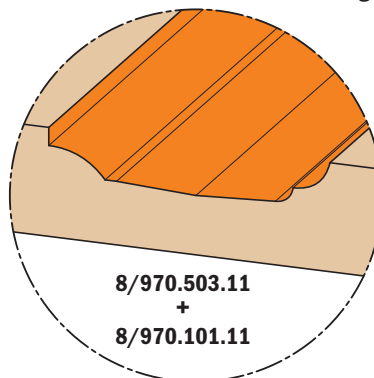


870.101.11
970.101.11

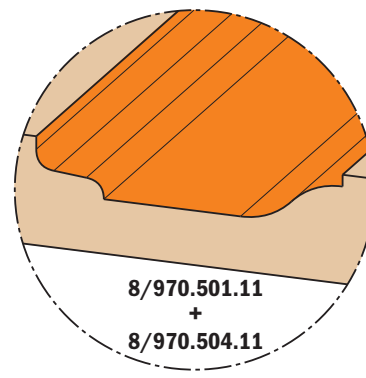


870.504.11
970.504.11

Working illustration



8/970.503.11
+
8/970.101.11



8/970.501.11
+
8/970.504.11

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

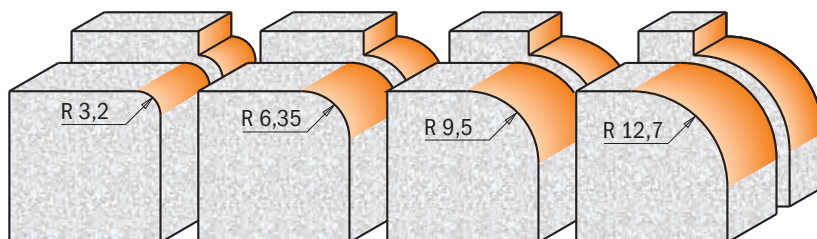
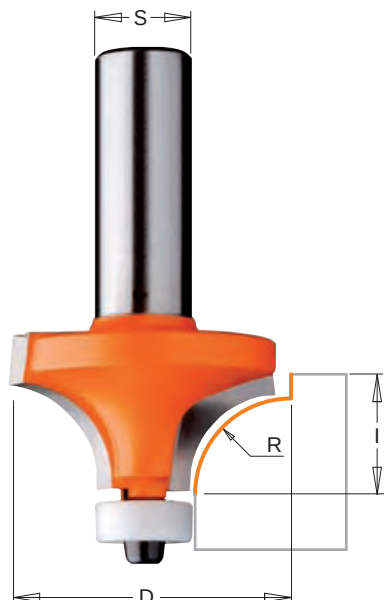
Solid Surface Rounding Over Bits with Bearing

new

CMT ORANGE TOOLS™

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.



Drawing are 1:1 scale

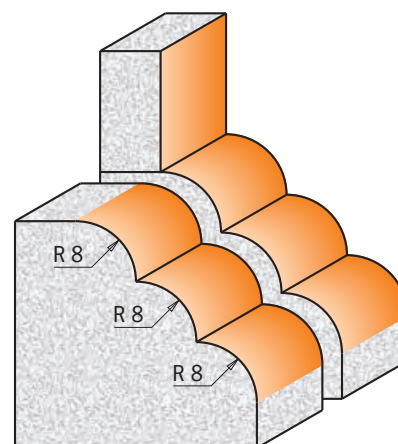
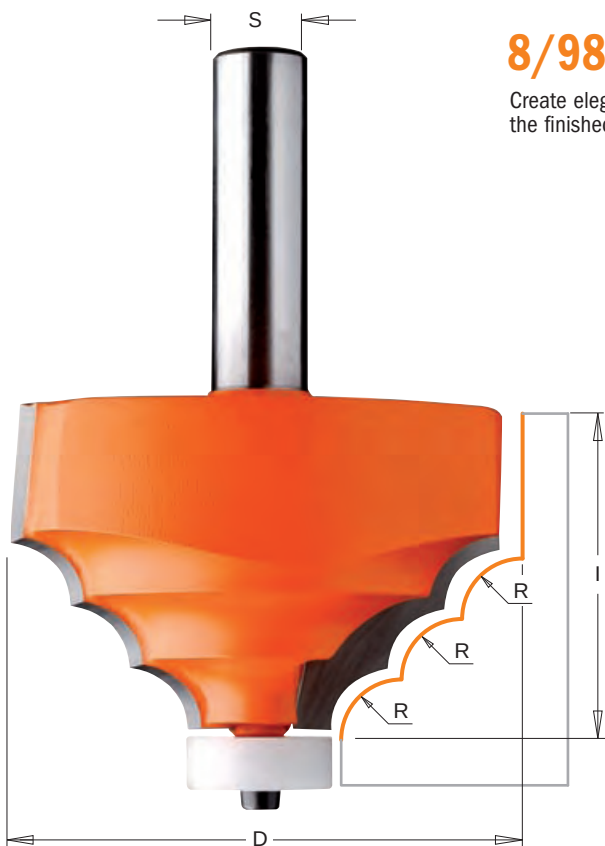
D mm	I mm	R mm					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
									Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
19,05	12,7	3,2					980.501.11	880.501.11	791.044.00	990.058.00	991.057.00
25,4	12,7	6,35					980.502.11	880.502.11	791.044.00	990.058.00	991.057.00
31,75	14	9,5					980.503.11	880.503.11	791.044.00	990.058.00	991.057.00
38,1	19,05	12,7					980.504.11	880.504.11	791.044.00	990.058.00	991.057.00

Solid Surface Decorative Edge Profile Bits

new

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.



Drawing are 1:1 scale

D mm	I mm	R mm					ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
									Bearing Ø19,05mm	Screw 1/8W	Hex key 3/32"
66,7	41,3	8					980.521.11	880.521.11	791.046.00	990.058.00	991.057.00

Solid Surface Rounding Over Bowl Bits

new

CMT ORANGE TOOLS™

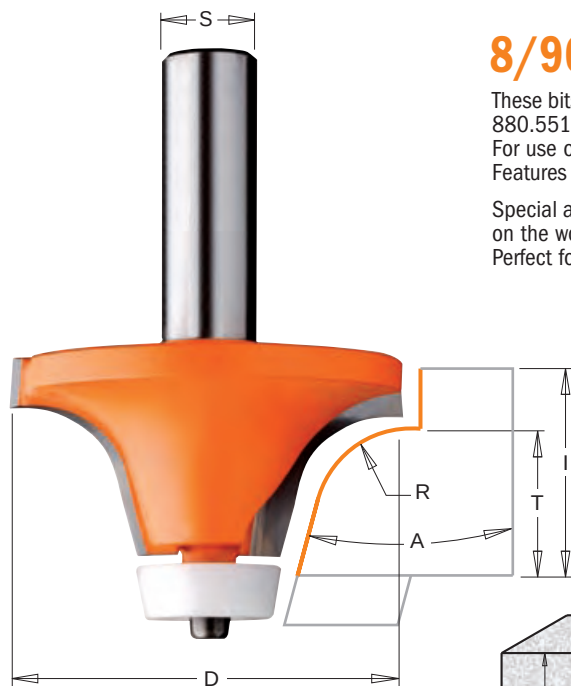
8/966.601/602 - 8/980.541



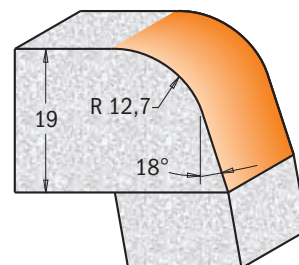
These bits roundover and trim the countertop edges after the bowl is mounted. Can be used with the CMT 880.551.11 bevel cutter for a flush cut-out between the countertop and installed undermount bowl. For use on hand-held portable routers.

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.

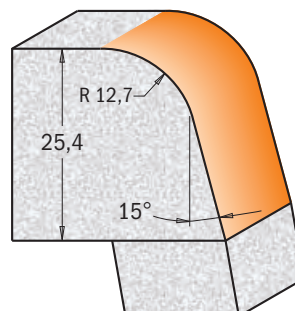
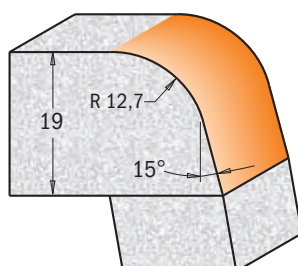


880.541.11
980.541.11



Drawing are 1:1 scale

966.601.11
866.601.11



966.602.11
866.602.11

A	D mm	T mm	I mm	R mm	ORDER NO.	ORDER NO.	Spare parts		
					S=Ø12mm	S=Ø12,7mm	Bearing Ø19mm	Screw 1/8W	Hex key 3/32"
15°	50,8	19	25,4	12,7	966.601.11	866.601.11	791.041.00	990.058.00	991.057.00
15°	50,8	25,4	31,75	12,7	966.602.11	866.602.11	791.041.00	990.058.00	991.057.00
18°	54	19	25,4	12,7	980.541.11	880.541.11	791.041.00	990.058.00	991.057.00

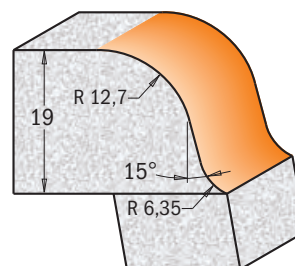
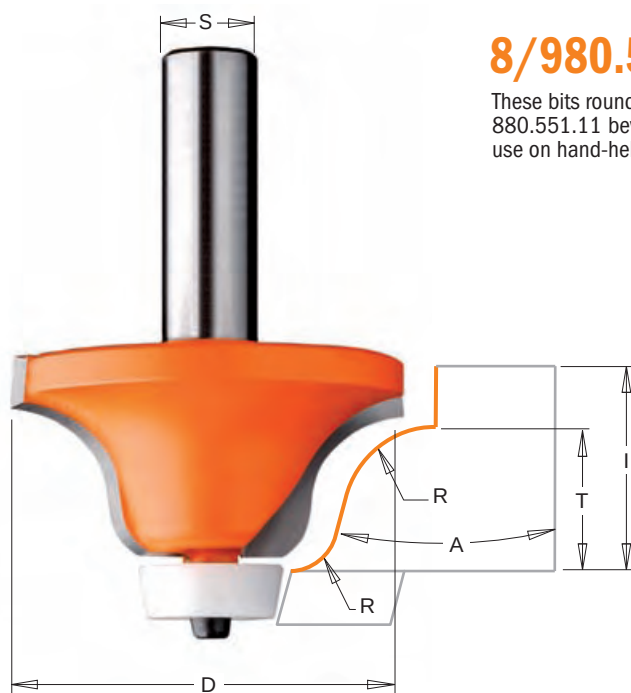
Solid Surface Rounding Over Bowl Bit (Ogee Profile)

new

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.



Drawing are 1:1 scale

A	D mm	T mm	I mm	R mm	ORDER NO.	ORDER NO.	Spare parts		
					S=Ø12mm	S=Ø12,7mm	Bearing Ø19mm	Screw 1/8W	Hex key 3/32"
15°	54	19	25,4	6,35-12,7	980.542.11	880.542.11	791.041.00	990.058.00	991.057.00

Solid Surface Bevel Bowl bits

new

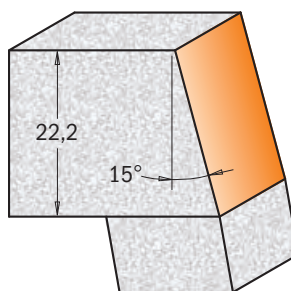
CMT ORANGE TOOLS™



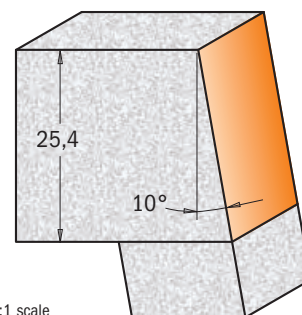
8/966.501 - 8/980.551

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

Drawing are 1:1 scale

A	D mm	I mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
15°	31,7	22,2	966.501.11	866.501.11	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
10°	28,5	25,4	980.551.11	880.551.11	791.041.00	990.058.00	991.057.00
					791.041.00	990.058.00	991.057.00

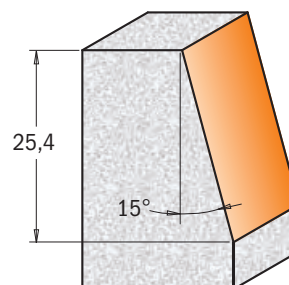
Solid Surface Bevel Bit

new



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.



Drawing are 1:1 scale

D mm	I mm	A	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
23	25,4	15°	981.521.11	881.521.11

Solid Surface No-Drip Bit with Guide Bearing

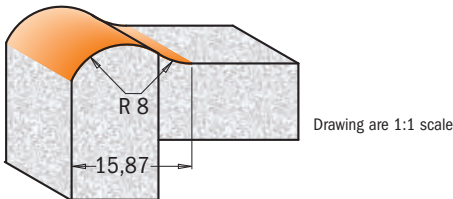
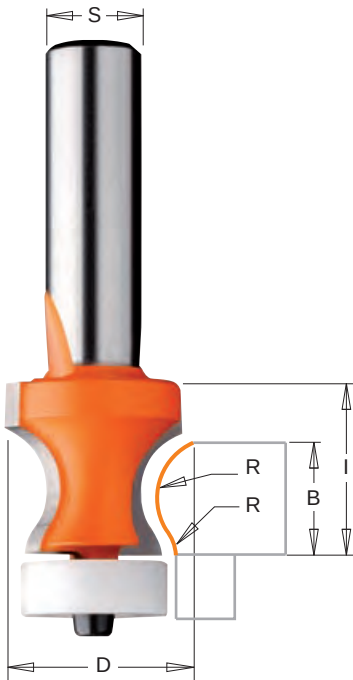
new

CMT ORANGE TOOLS™



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.



D mm	I mm	R mm	B mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
25,4	22,2	8	15,87				980.531.11	880.531.11	Bearing Ø19,05mm	Screw 1/8W	Hex key 3/32"
									791.046.00	990.058.00	991.057.00

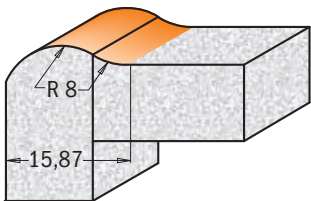
Solid Surface No-Drip Bit

new



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.



D mm	I mm	R mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
25,4	12,7	8				981.501.11	881.501.11

new

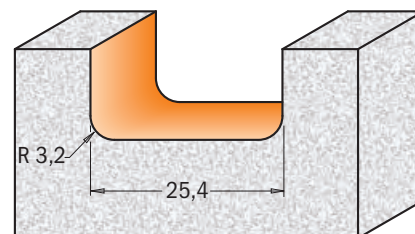
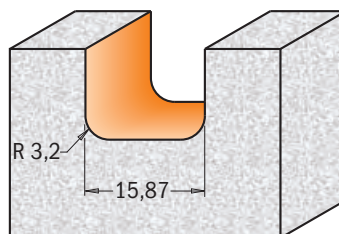
CMT ORANGE TOOLS™



Solid Surface Drainboard Bits

8/981.511-512

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



Drawing are 1:1 scale

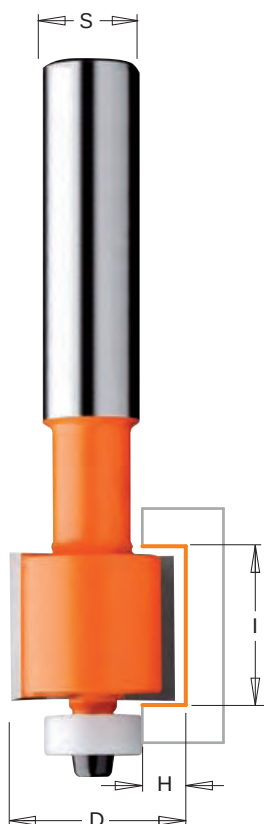
D mm	I mm	R mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
15,87	12,7	3,2				981.511.11	881.511.11
25,4	12,7	3,2				981.512.11	881.512.11

new

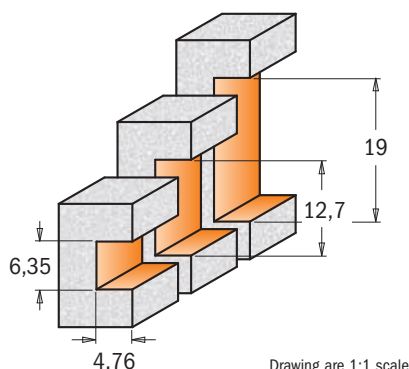
Solid Surface Face - Inlay Bits

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.

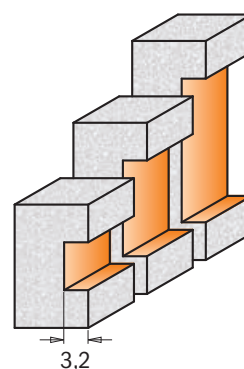


Standard

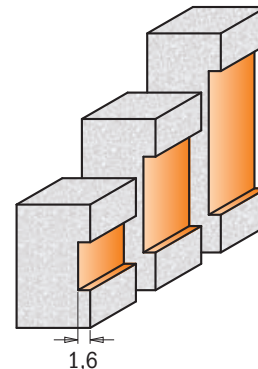


Drawing are 1:1 scale

Optional



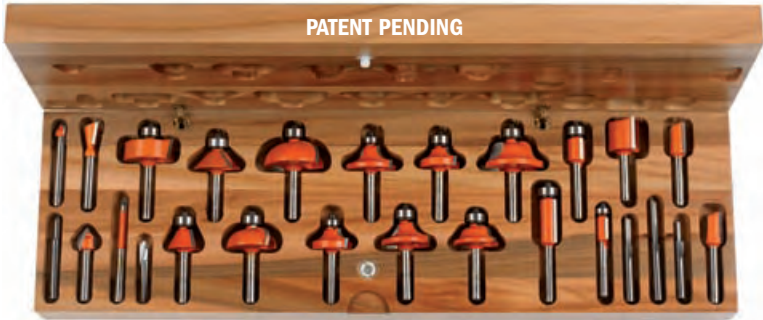
optional with
bearing 791.045.00



optional with
bearing 791.046.00

D mm	I mm	H mm				ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm	Spare parts		
22,2	6,35	4,76				980.511.11	880.511.11	Bearing Ø12,7mm	Screw 1/8W	Hex key 3/32"
22,2	12,7	4,76				980.512.11	880.512.11	791.044.00	990.058.00	991.057.00
22,2	19,05	4,76				980.513.11	880.513.11	791.044.00	990.058.00	991.057.00

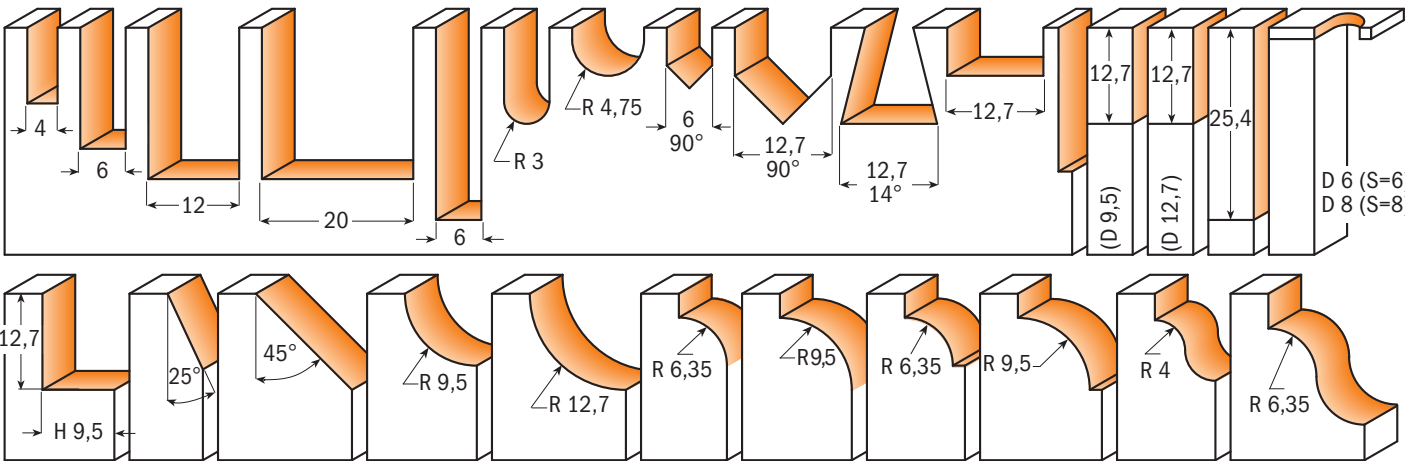
Router bit set



7/900.003 **HW** **HWM** **Z2** **RH**

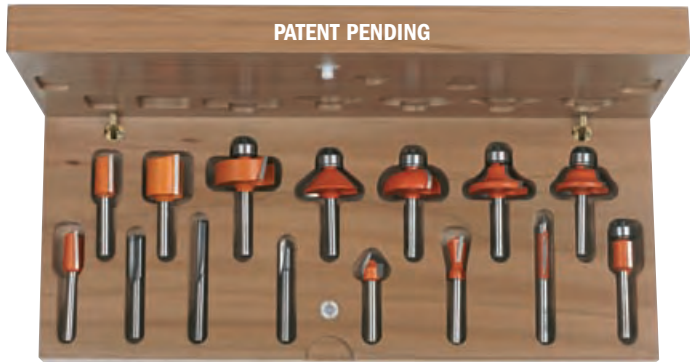
CMT has put your an entire workshop in a box - the 26 piece super set has it all. Complete with a wide selection of the most requested routers, this super set includes straight bits, flush trim bits, dovetail bits, coves, ogees and more. Your creative potential is endless. Ideal for the master craftsman.

Available in 6mm and 8mm shank diameters - see chart below for details.



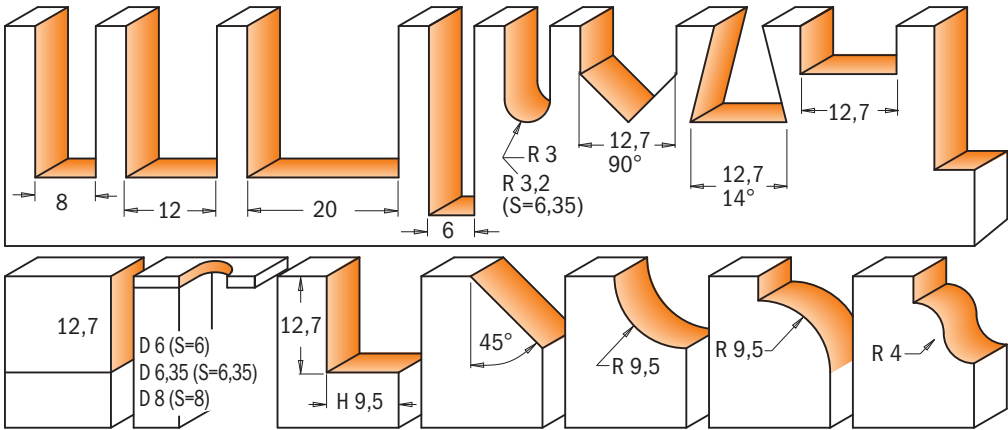
Drawings are 1:1 scale

DESCRIPTION	ORDER NO.	ORDER NO.
	S=Ø6mm	S=Ø8mm
26 piece router bit set	700.003.00	900.003.00



7/8/900.001 **HW** **HWM** **Z2** **RH**

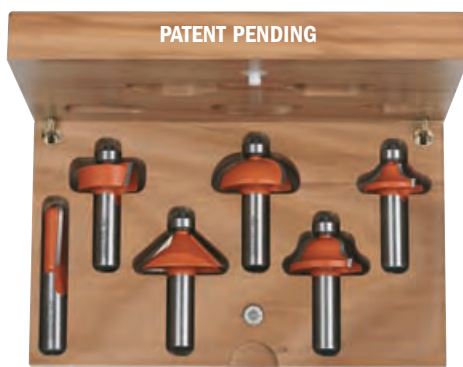
Our beautiful sets are the perfect companion for the CMT craftsman. The 15 piece router bit set offers a selection of both straight and profile bits, beautifully organized and ready to use. A handsome addition to any woodworker's collection; each set includes bits made of Fatigue Proof® steel and micrograin carbide; coated with orange non-stick PTFE. Can be safely stored in a hardwood snap lock case.



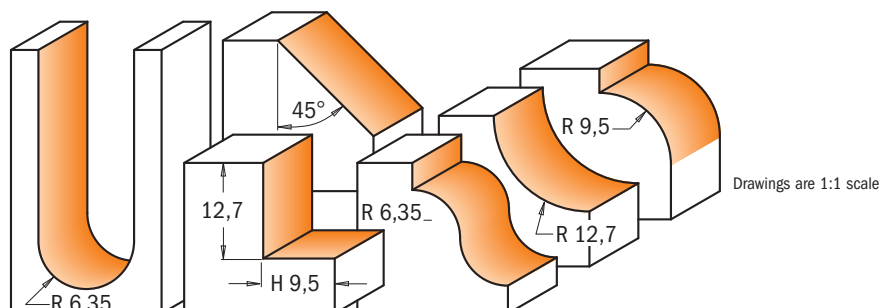
Drawings are 1:1 scale

DESCRIPTION	ORDER NO.	ORDER NO.	ORDER NO.
	S=Ø6mm	S=Ø6,35mm	S=Ø8mm
15 piece router bit set	700.001.00	800.001.00	900.001.00

6 piece profile bit set with wooden case


800.504

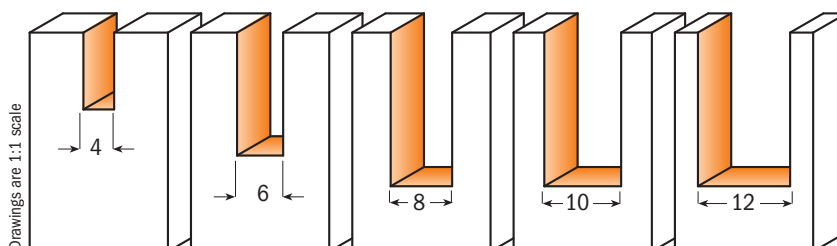
These boxed sets are as handsome to look at as they are convenient to use. 6 of our most frequently used bits with 12,7mm shanks have been specifically co-ordinated so you always have exactly what you need on hand. Organized in a specially designed Italian hardwood case for safe storage when not in use.



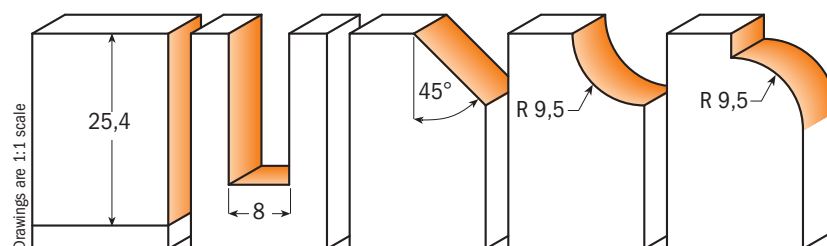
DESCRIPTION	ORDER NO. S=Ø12,7mm
6 piece profile bit set	800.504.11

5 piece straight bit set and profile bit set

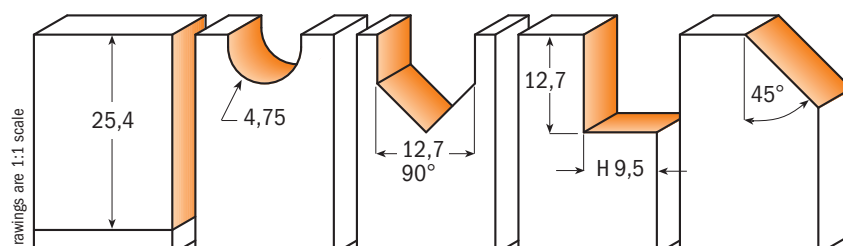
These boxed sets are as handsome to look at as they are convenient to use. 6 of our most frequently used bits with 12,7mm shanks have been specifically co-ordinated so you always have exactly what you need on hand. Organized in a specially designed Italian hardwood case for safe storage when not in use.


8/900.005.01


DESCRIPTION	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm
5 piece straight bit set	800.005.01	900.005.01


900.005.02


DESCRIPTION	ORDER NO. S=Ø8mm
5 piece profile bit set	900.005.02


7/900.005.03


DESCRIPTION	ORDER NO. S=Ø6mm	ORDER NO. S=Ø8mm
5 piece profile bit set	700.005.03	900.005.03

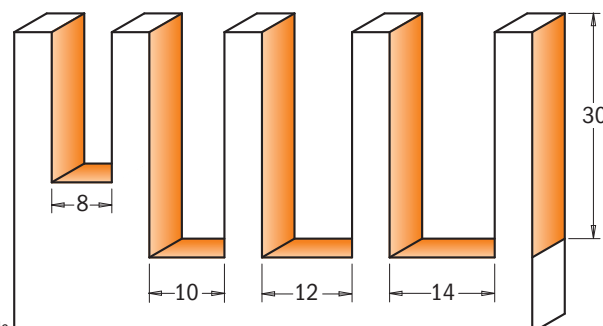
Router bit set with knives



600.005.01



This beautiful set is the perfect companion for the CMT craftsman. We offer the most popular 5 bits with knives and all necessary spare knives and torx key. They are perfect to work all materials like solid wood, wood and composites, plastic and laminated with hand or cnc router.

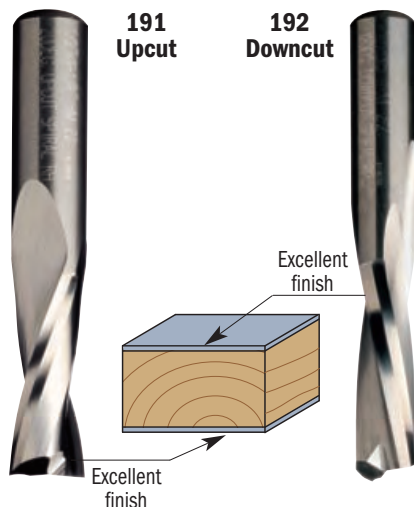


Drawings are 1:1 scale

**10 spare knives
and 2 torx keys included**

Set contains	D mm	L mm	Spare knives	Spare Bearing	ORDER NO. S=Ø8mm
Straight router bit with knife	8	20	790.200.01 - 20 x 4,1 x 1,1mm		651.080.11
Straight router bit with knife	10	30	790.300.01 - 30 x 5,5 x 1,1mm		651.100.11
Straight router bit with knife	12	30	790.300.01 - 30 x 5,5 x 1,1mm		651.120.11
Straight router bit with knife	14	30	790.300.01 - 30 x 5,5 x 1,1mm		651.140.11
Flush trim bit with knife	19	30	790.300.00 - 30 x 12 x 1,5mm	791.007.00	657.191.11

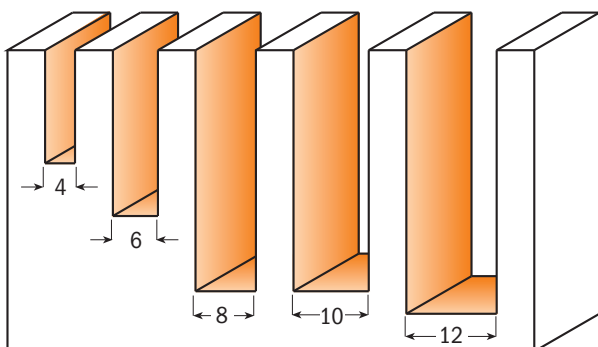
5 piece spiral bit set



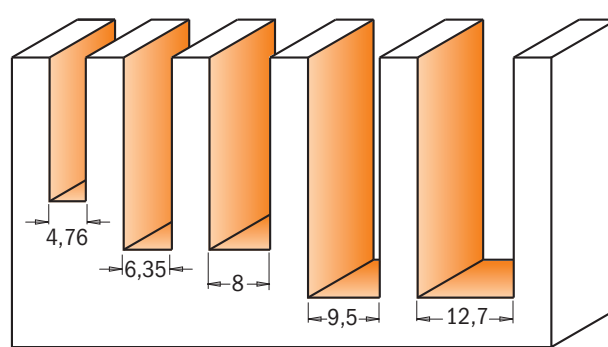
191/192



A new set of solid carbide spiral bits in super micrograin carbide of superior quality with upcut and downcut sharpening available in the following diameters: 4-6-8-10-12mm. New super micrograin formula offers extremely sharp and longer lasting cutting edges. Low spiral grind shears material with more efficient chip ejection. The tool works less, runs cooler and out performs the competition. Our new precision machinery was designed and built to CMT spec's. We now manufacture solid carbide spiral bits with the tightest tolerances in the industry. You won't find a better performance in tooling. We recommend use on all soft and hard wood, on plywood, on laminates, MDF and plastic materials, with your CNC or hand router machines due to the 8mm shank.



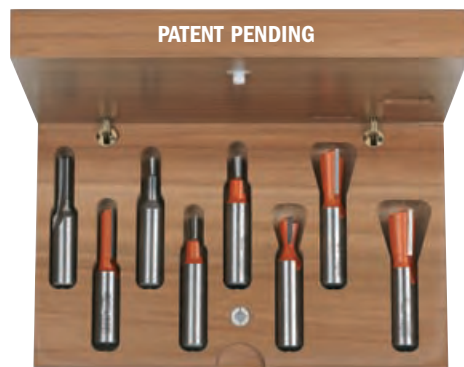
Drawings are 1:1 scale



DESCRIPTION	ORDER NO. S=Ø8mm	ORDER NO. S=Ø6,35-12,7mm
5 piece upcut spiral bit set (Ø4 - 6 - 8 - 10 - 12mm)	191.000.01	
5 piece downcut spiral bit set (Ø4 - 6 - 8 - 10 - 12mm)	192.000.01	
5 piece upcut spiral bit set (Ø4,76 - 6,35 - 8 - 9,5 - 12,7mm)		191.000.02
5 piece downcut spiral bit set (Ø4,76 - 6,35 - 8 - 9,5 - 12,7mm)		192.000.02

8 piece dovetail and straight bit sets

HW HWM Z2 RH

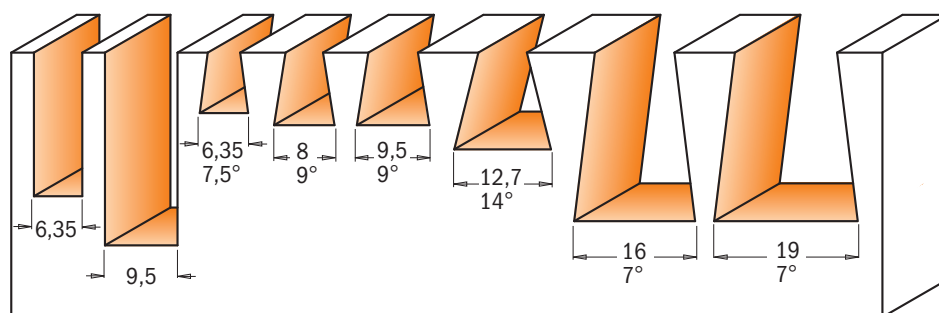


800.500/501

Perfect for the craftsman with a creative flair.

The CMT 8 piece dovetail and straight bits set has all the most frequently used bit for constructing boxes, making creative joinery and a wide range of other projects. Safely packaged in a hardwood box to give you easier organization and unlimited possibilities; these bits suit most popular jigs.

IDEAL FOR INCRA & JOINTTECH JIGS.

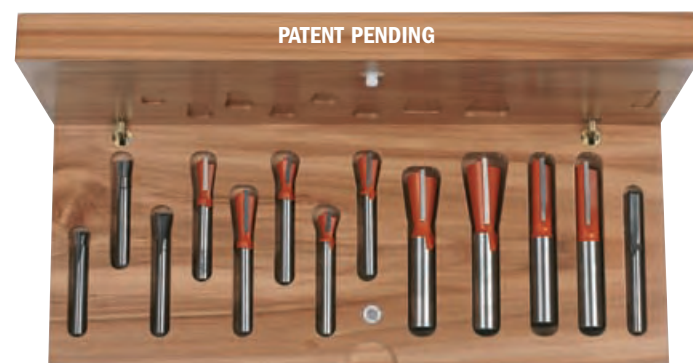


Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø12,7mm
8 piece dovetail and straight bit set	800.500.11	800.501.11

13 piece dovetail and straight bit sets

HW HWM Z2 RH

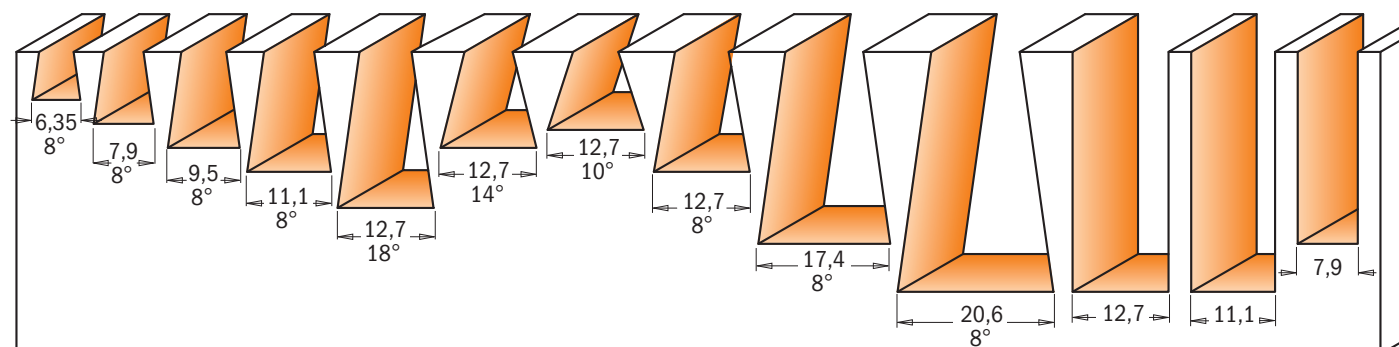


800.519

Perfect for the craftsman with a creative flair.

The CMT 13 piece dovetail and straight bit set has all the most frequently used bits for constructing boxes, making creative joinery and a wide range of other projects. Safely packaged in a hardwood box to give you easier organization and unlimited possibilities; these bits suit most popular jigs.

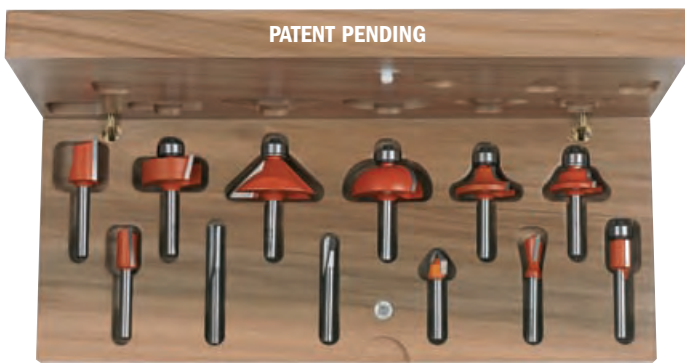
IDEAL FOR LEIGH D4 JIG.



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø6,35-12,7mm
13 piece dovetail and straight bit set	800.519.11

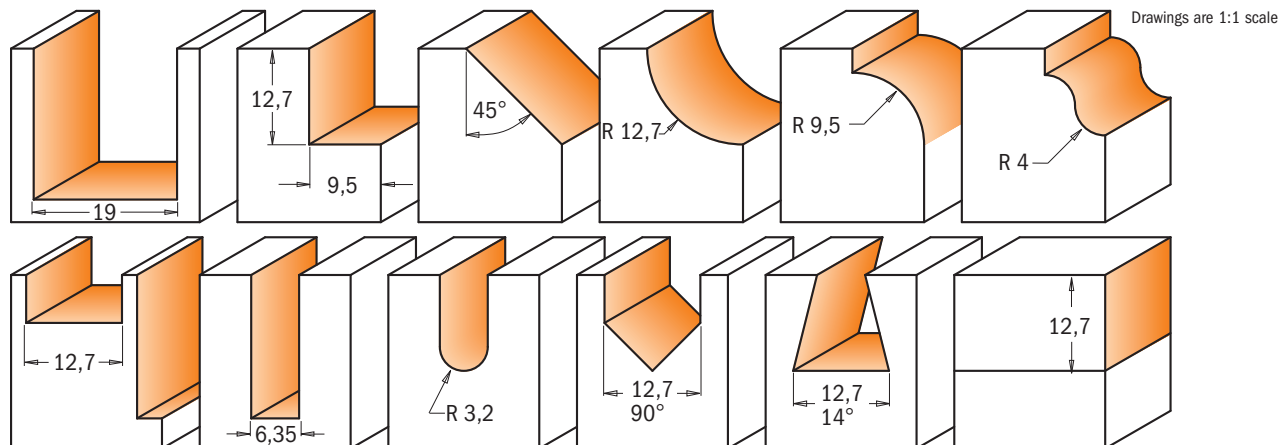
12 piece set with wooden case



800.503



These boxed sets are as handsome to look at as they are convenient to use. 12 of our most frequently used bits with 6,35mm shanks have been specifically co-ordinated so you always have exactly what you need on hand. Organized in a specially designed Italian hardwood case for safe storage when not in use.



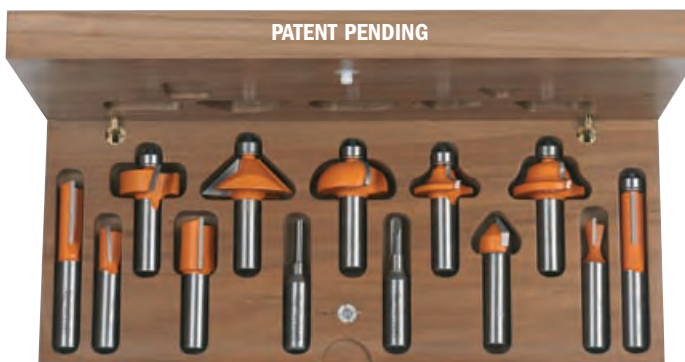
DESCRIPTION

ORDER NO.
S=Ø6,35mm

12 piece set with wooden case

800.503.11

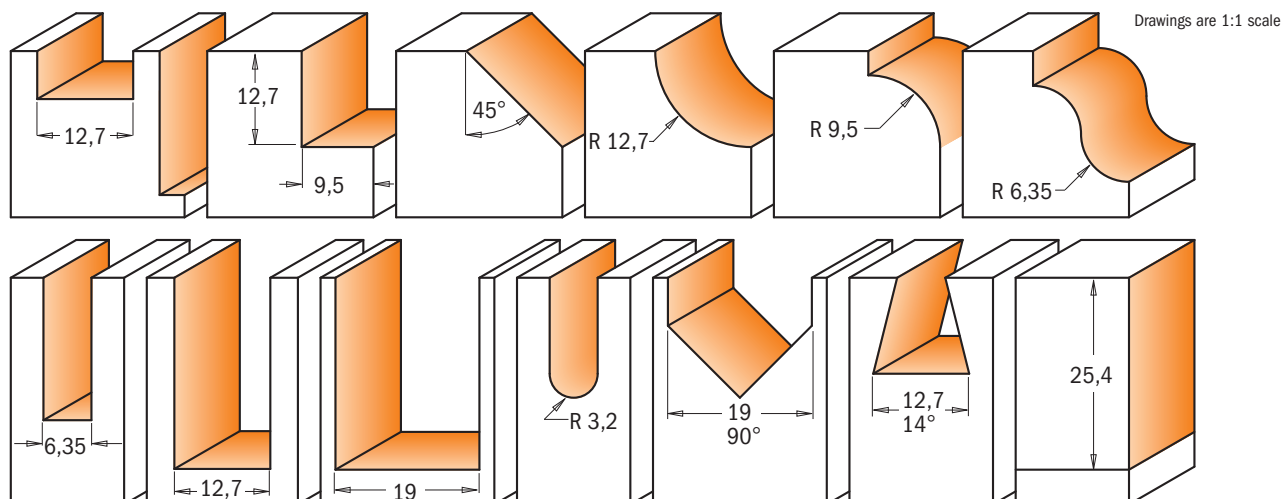
13 piece set with wooden case



800.505



These boxed sets are as handsome to look at as they are convenient to use. 13 of our most frequently used bits with 12,7mm shanks have been specifically co-ordinated so you always have exactly what you need on hand. Organized in a specially designed Italian hardwood case for safe storage when not in use.



DESCRIPTION

ORDER NO.
S=Ø12,7mm

13 piece set with wooden case

800.505.11

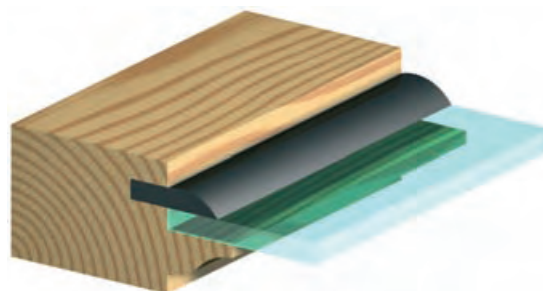
Slot cutter set



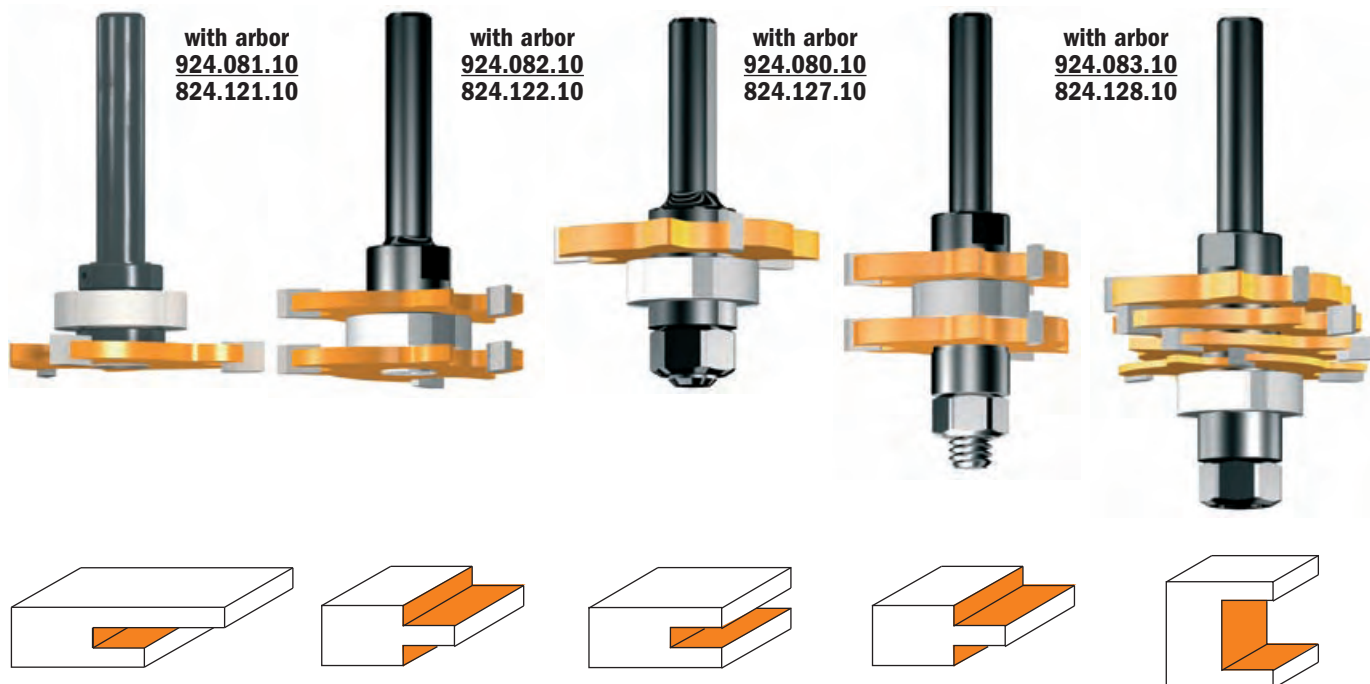
8/923.001

Create slots, grooves and rabbets in all materials using the adjustable CMT slot cutter set. See chart below for all applications and correct cutter combinations. Ideal for biscuit joints and milling perfect tongue and groove joints. **The set includes 4 different bearings which allow cutting depth of 7,95 - 9,55 - 12,8 and 14,3mm.**

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.



Assembly illustration



ORDER NO. 923.001.11

SET CONTAINS	Q.ty	ORDER NO. S=Ø8mm
Slot cutter 2mm	1	822.320.11
Slot cutter 3mm with 45° bore	1	823.330.11
Slot cutter 4mm with 45° bore	1	823.340.11
Slot cutter 5mm with 45° bore	3	823.350.11
Slot cutter 6mm	1	822.360.11
Slot cutter arbor with bearing Ø22mm	1	924.080.10
Slot cutter arbor with bearing Ø22mm	1	924.081.10
Slot cutter arbor with bearing Ø22mm	1	924.082.10
Slot cutter arbor with bearing Ø22mm long series	1	924.083.10
Ø31,7mm bearing	1	791.033.00
Ø28,5mm bearing	1	791.030.00
Ø19mm bearing	1	791.034.00
Hex key 3mm	1	991.067.00

ORDER NO. 823.001.11

SET CONTAINS	Q.ty	ORDER NO. S=Ø12,7mm
Slot cutter 1,6mm (1/16")	1	822.316.11
Slot cutter 3,2mm (1/8") with 45° bore	1	823.332.11
Slot cutter 4mm with 45° bore	1	823.340.11
Slot cutter 4,8mm (3/16")	1	822.348.11
Slot cutter 6,4mm (1/4") with 45° bore	3	823.364.11
Slot cutter arbor with bearing Ø22mm	1	824.127.10
Slot cutter arbor with bearing Ø22mm	1	824.121.10
Slot cutter arbor with bearing Ø22mm	1	824.122.10
Slot cutter arbor with bearing Ø22mm long series	1	824.128.10
Ø31,7mm bearing	1	791.033.00
Ø28,5mm bearing	1	791.030.00
Ø19mm bearing	1	791.034.00
Hex key 3mm	1	991.067.00

Entry & interior door router bit set

new

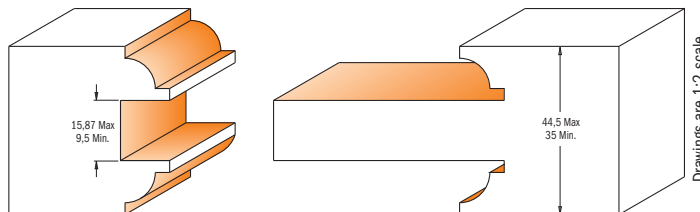
CMT ORANGE TOOLS™



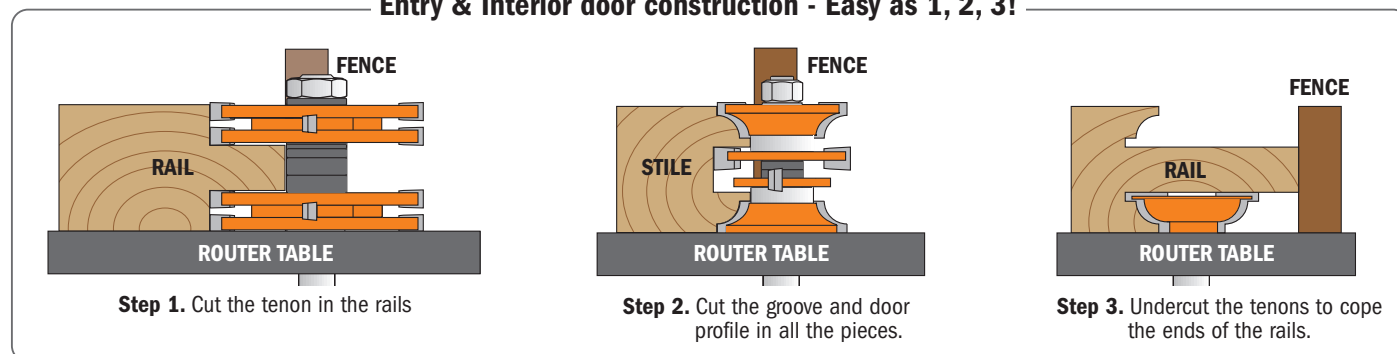
800.527



The new CMT three-piece set simplifies door construction, making it easy as 1, 2, 3! It is not the only advantage in fact this is a multi functional set for door makers and furniture makers building entry doors, passage doors and any furniture tenons. In fact the included tenon cutter produces a beefy 27mm long tenon. Coupled with the cope cutter, you can produce long and strong tenons with minimum set up. As an extra bonus the tenon cutter can be used for furniture making work that requires any tenon from 4,7mm to 16mm thick.



Entry & Interior door construction - Easy as 1, 2, 3!



DESCRIPTION	ORDER NO. S=Ø12,7mm
3 piece set with wooden case	800.527.11

Tenon cutting router

new

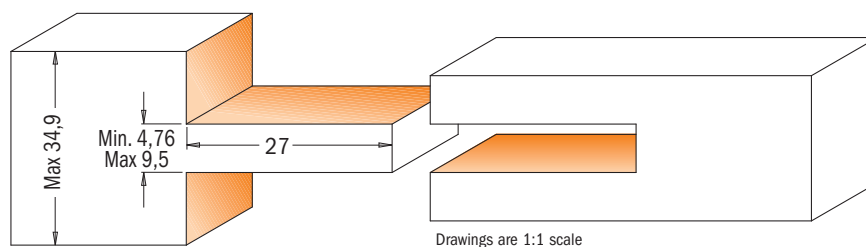


8/900.627



Cut perfectly fitting tenons, every time. If you've struggled cutting tenons that fit, here's the perfect solution for precise tenons. CMT's new tenon cutting router bit will produce perfectly fitting tenons in every board you cut, even if the boards vary slightly in thickness. Simply set the distance between the cutters using the included spacers, and you can easily cut tenons from 4,76mm to 9,5mm thick, up to 27mm long. This simple-to-use router bit takes the mystery out of achieving the excellent tenon-to-mortise fit required for high quality joinery.

Safety Precautions: Maximum speed: 12,000 rpm.



Tenon Cutting	No. Spacer 6,35mm	No. Spacer 3,2mm	No. Spacer 1,6mm
4,76mm	1	0	0
6,35mm	1	0	1
8mm	1	1	0
9,5mm	1	1	1

I mm	D mm	H mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
34,9	75	27	900.627.11	800.627.11

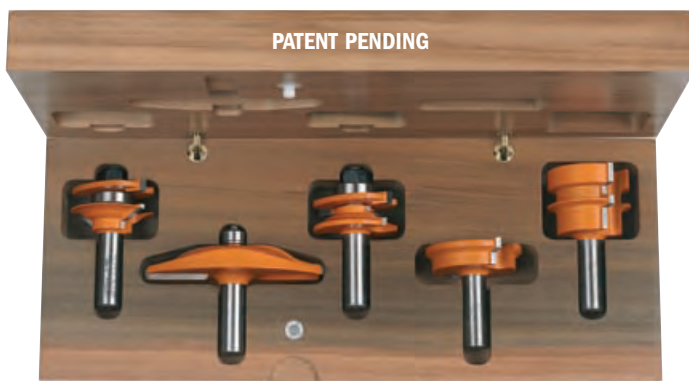
Spare parts **824.134.00** Ø12,7mm shank arbor
541.522.00 3,2mm spacer
541.520.00 0,3mm spacer
822.020.11 Slot cutter 6,35mm

541.523.00 6,2mm spacer
990.022.00 Nut for arbor, M12x1,25mm
541.521.00 1,6mm spacer
541.513.00 0,1mm spacer

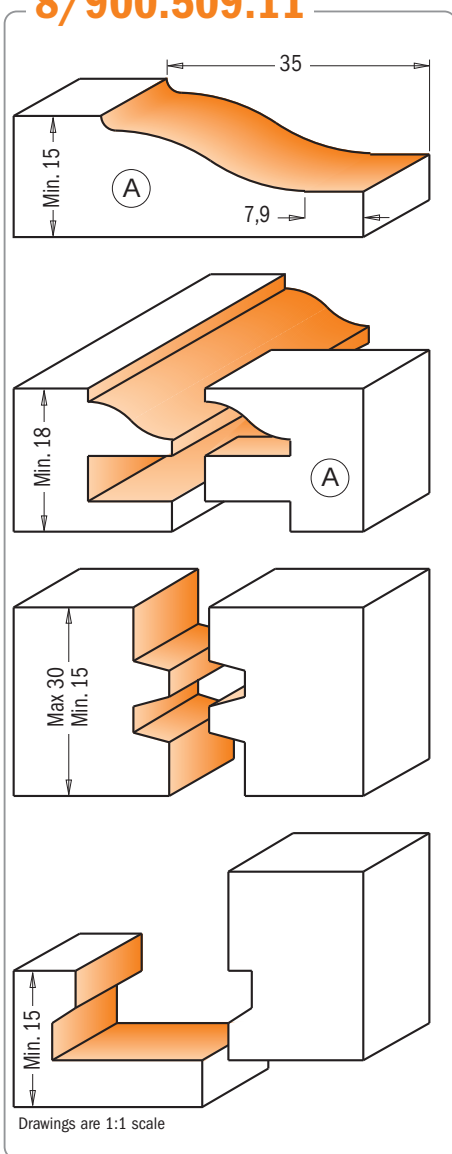
CMT's complete kitchen set



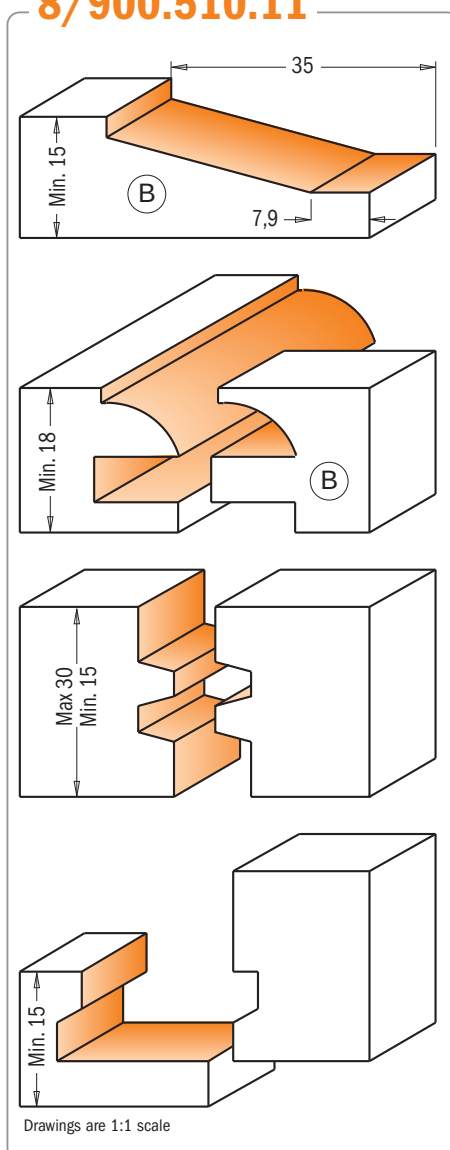
Our sets aren't just a random selection of odds and ends packaged in a box to look nice - the CMT complete kitchen set is a professional drawer and door makers kit. We give you three sets to choose from for the profiles you prefer. Each set includes your choice of raised panel bit and rail & stile bit plus a glue joint and drawer lock bit. See illustrations below for complete profile options.



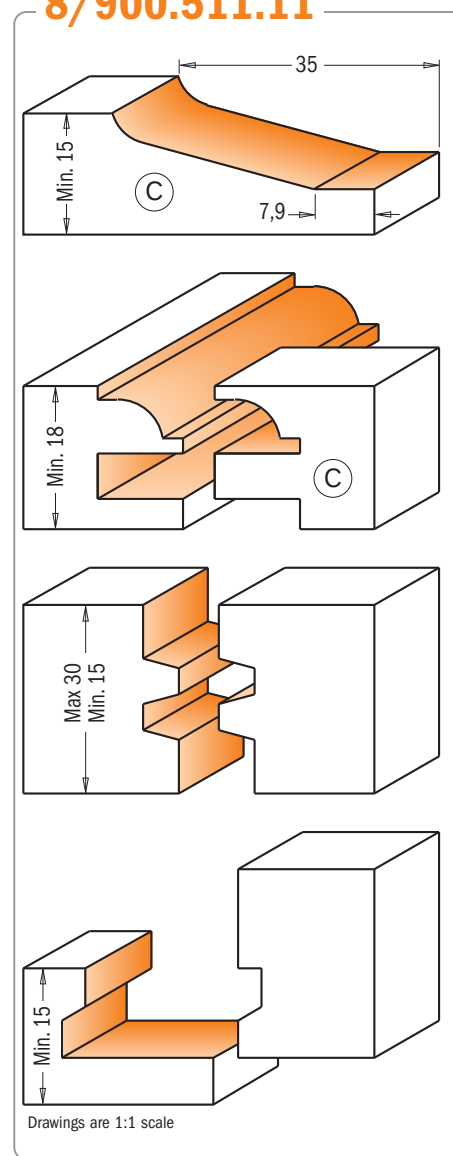
8/900.509.11



8/900.510.11

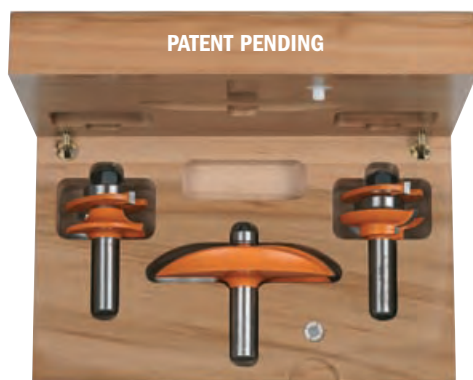


8/900.511.11



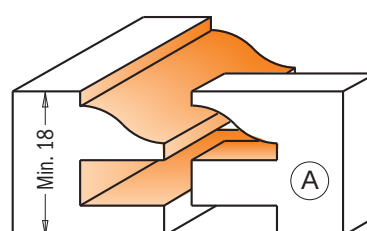
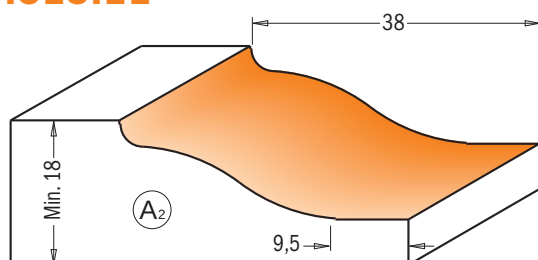
DESCRIPTION	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
CMT's complete kitchen set - Profile A (5 pcs. HW)	900.509.11	800.509.11
CMT's complete kitchen set - Profile B (5 pcs. HW)	900.510.11	800.510.11
CMT's complete kitchen set - Profile C (5 pcs. HW)	900.511.11	800.511.11

3 piece kitchen set



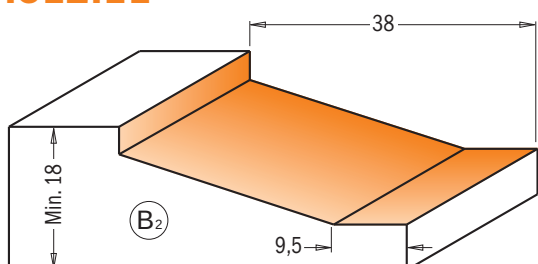
Open some new doors with CMT. Our 3-piece kitchen set includes a Rail & Stile bit couple and a Raised Panel bit with your choice of 3 profiles to make panel door construction easy and economical. Each bit is made from bar stock steel and the highest quality tungsten carbide; and exclusively surface treated with our trademark orange non-stick PTFE coating. And it all comes safely organized in our protective hardwood case so you'll probably have the nicest looking toolbox around. See profile options below.

8/900.513.11



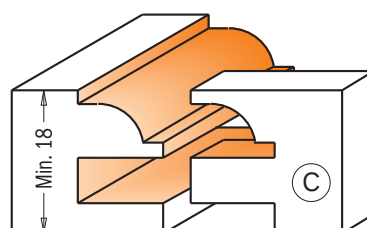
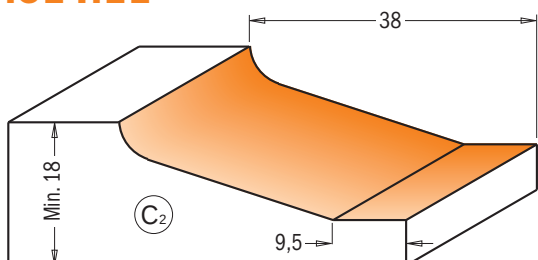
Drawings are 1:1 scale

8/900.512.11



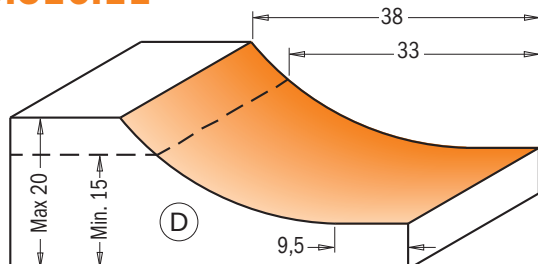
Drawings are 1:1 scale

8/900.514.11



Drawings are 1:1 scale

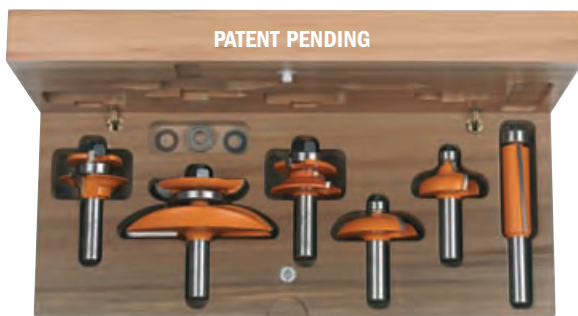
8/900.516.11



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
3 piece kitchen set - Profile A ₂ HW	900.513.11	800.513.11
3 piece kitchen set - Profile B ₂ HW	900.512.11	800.512.11
3 piece kitchen set - Profile C ₂ HW	900.514.11	800.514.11
3 piece kitchen set - Profile D HW	900.516.11	800.516.11

The cabinetmaking set



800.515 - 800.520



Make straight and arched raised panels that rival those made with expensive machinery - all you need is your router table and a Cabinetmaking Set. Now available with Raised Panel bits in two different profiles, this set features six router bits designed expressly for making arched raised panel doors and professional drawer fronts. The set includes:

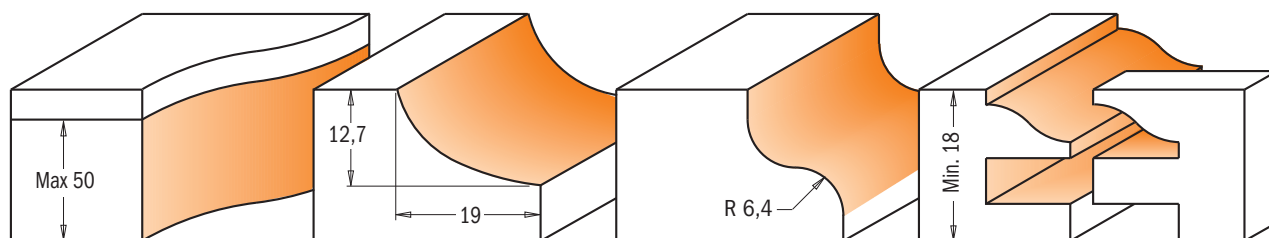
OGEE RAIL AND STILE SET Two perfectly matched bits eliminate the frustration and time-consuming set-up of reversible cutters. The stile cutter also features a shear angle to produce superior cuts.

RAISED PANEL BIT WITH BACK-CUTTER This 88,9mm diameter bit has a back-cutter which allows milling of both the front and back of the panel in the same cut. An additional 31mm diameter bearing promotes safety by allowing you to take two shallow passes.

SUPER-DUTY FLUSH TRIM BIT The 19mm cutting diameter gives a superior cut with minimal chipping, even on end grain.

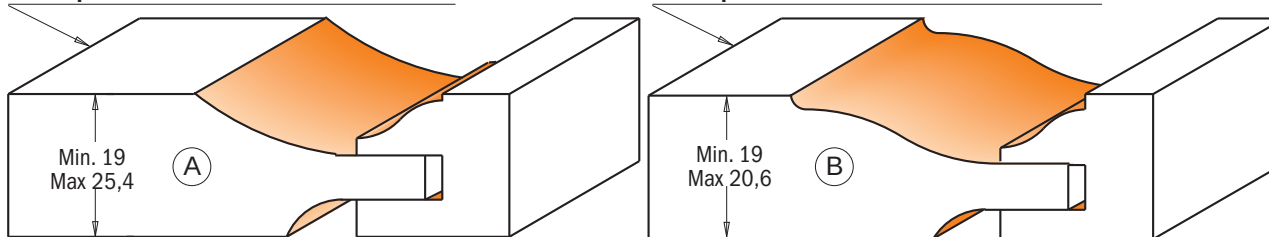
OGEE DOOR EDGE BIT A subtle cove followed by a small roundover adds an elegant touch to the door edge.

DRAWER FRONT BIT This unique bit makes a mini-raised panel cut on the outside edges of the drawer fronts.



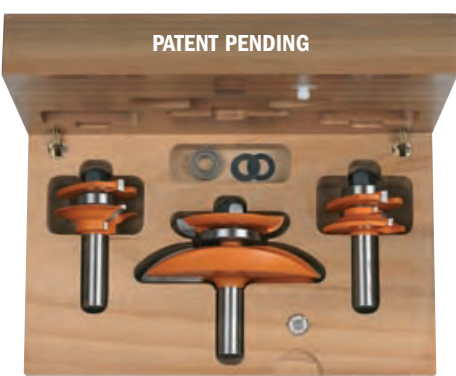
Raised panel bit included in the set 800.515.11

Raised panel bit included in the set 800.520.11



Drawings are 1:1 scale

DESCRIPTION		ORDER NO. S=Ø12,7mm
The Cabinetmaking set - Profile A	(6 pcs. HW)	800.515.11
The Cabinetmaking set - Profile B	(6 pcs. HW)	800.520.11

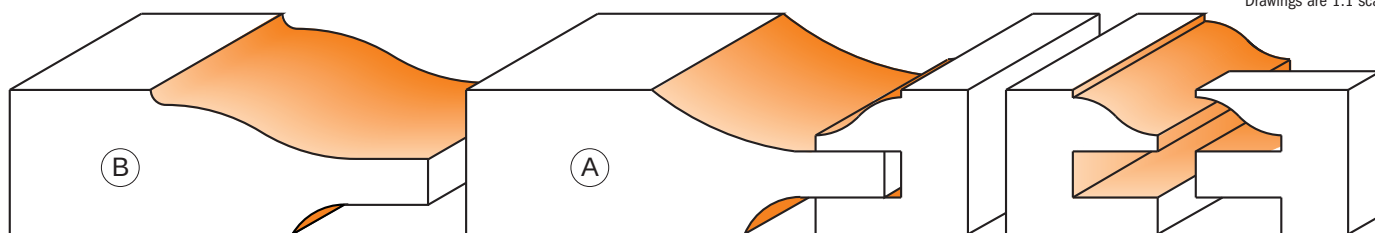


8/900.517 - 8/900.521



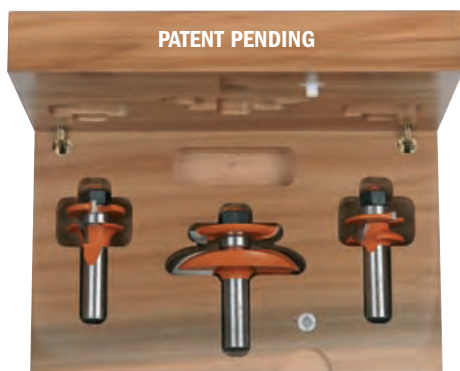
Making raised panels is easier than ever before with this new three-piece set. The ogee rail and stile bits are made to exact specifications to match perfectly. The stile cutter has a shear angle to produce superior cuts with minimal splintering. The 89mm diameter raised panel bit has a cove profile and a back-cutter which allows milling of the front and back of the panel in the same pass.

Drawings are 1:1 scale



DESCRIPTION		ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
The Raised panel set - Profile A	(3 pcs. HW)	900.517.11	800.517.11
The Raised panel set - Profile B	(3 pcs. HW)	900.521.11	800.521.11

The junior raised panel set



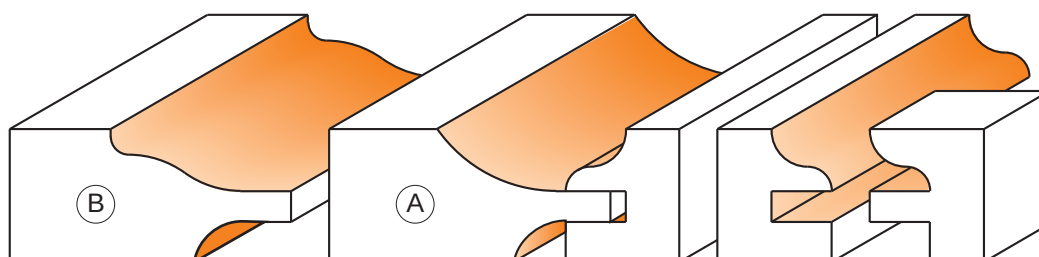
8/900.518 - 8/900.522



With any project, it's the detail that makes the difference. That is exactly why we have teamed up again with to bring another innovation to the market. The new Junior Raised Panel Set is a modification of the original cabinet door set - made on a smaller scale with enormous possibilities. The Junior Set lets you make frame and panel details as small as 70mm square in material as thin as 11mm and up to 17,5mm thick.

These delicate looking panels are only the beginning and enhance a variety of projects. Make templates and add interesting arches to your work. But don't be fooled by their appearance; they produce extremely strong joints and add integrity to any creation. Jewelry boxes, humidors, clock cases, even library panels and coffered ceilings will come alive with the beauty that frame and panel craftsmanship provides.

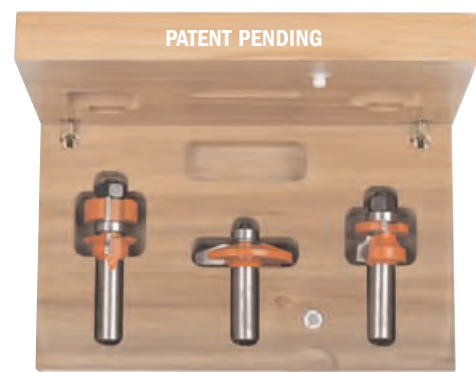
The Junior Set includes the Raised Panel Bit with back-cutter and the matched Ogee Rail & Stile pair, packaged in a protective hardwood case.



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
The junior raised panel set - Profile A (3 pcs. HW)	900.518.11	800.518.11
The junior raised panel set - Profile B (3 pcs. HW)	900.522.11	800.522.11

"Lonnie Bird's" small arch door set



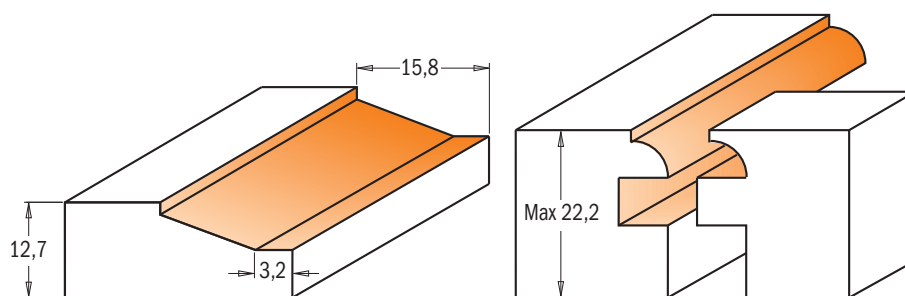
800.524 - 900.024



This three-piece set will produce beautiful raised panel doors with a classic, diminutive beveled profile. Designed for use in fine furniture making, this set includes two matched cope and stick bits for producing frames in 15,8mm to 19mm thick material. The stick bit shapes a decorative 4,7 mm thumbnail molding along the edge of the frame.

The panel making bit is designed for 12,7mm thick material. All bits are equipped with guide bearings for shaping curved work such as the small arched panel doors seen on secretaries and corner cabinetry. This set also produces panels for small chests and other cabinetry.

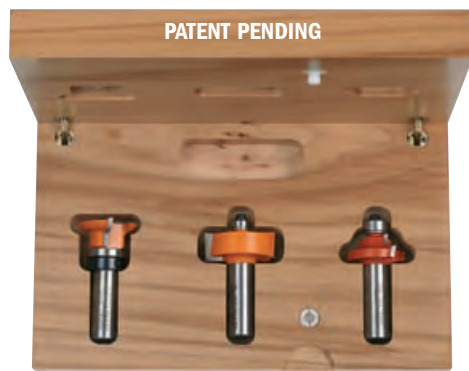
The raised panel bit alone makes a nice lid for small boxes or drawer fronts. Available in 8 and 12,7mm shanks. Instructions included.



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
"Lonnie Bird" small arch door set (3 pcs. HW)	900.024.11	800.524.11

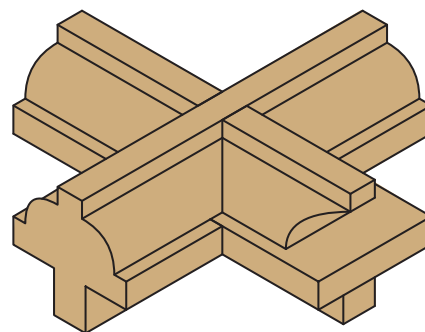
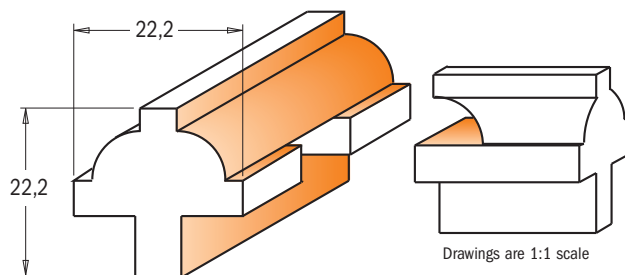
“Lonnie Bird’s” divided light door set



800.525 - 900.025

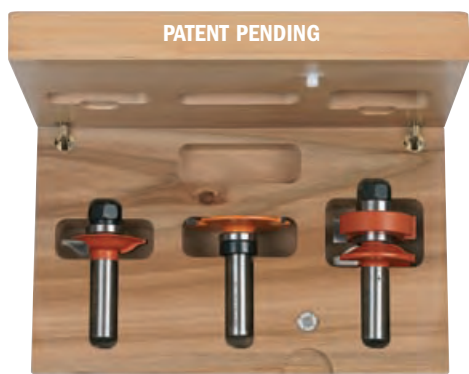
This three-piece set allows you to make true divided light doors for fine furniture and cabinets. The set consists of a sticking bit to cut the decorative ovolo profile on the frame edges, a cope bit which shapes the mating profile on the ends of the stock, and a rabbeting bit for cutting the recess for the glass.

Because the bits have guide bearings you can also create arched or curved frames. The unique design of the cope bit allows you to use full-length tenons to create strong, authentic mortise-and-tenon joinery. As the stock is coped, the tenon passes over the bit. The set is designed for 22,2mm wide bars such as those on a corner cupboard door. Available in 8 and 12,7mm shanks. Instructions included.



DESCRIPTION	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12,7mm
“Lonnie Bird’s” divided light door set	900.025.11	800.525.11

The glass panel set

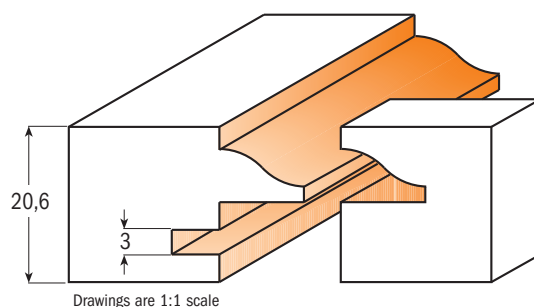
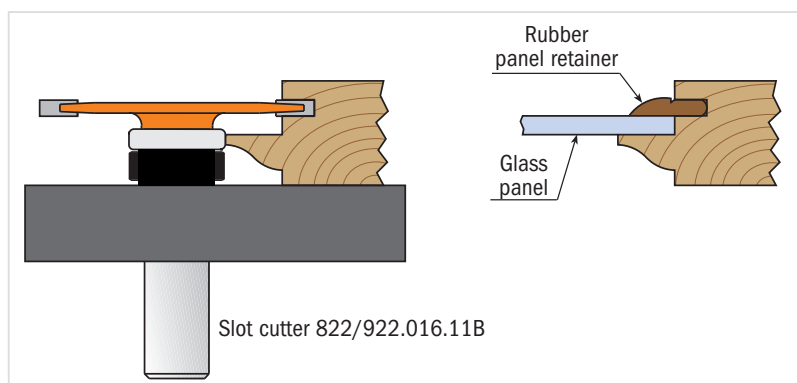


8/955.803

Another innovative CMT product this unique stile and rail set allows you to easily produce glass panel doors utilizing a rubber panel retainer to secure the glass in a 3,2mm slot cut into the frames. This set works the same as our other stile and rail sets but leaves you with a square rabbet on the inside of your door for installing the glass panel. Machine all piece face down.

After machining the cope and pattern cuts use the 3,2mm slot cutter to cut the groove for the rubber panel retainer. The edge of the pattern cut will ride on the guide bearing of the slot cutter bit. When you cut the slot in the rails you can cut the slot the full length of the stock. When you cut the slot in the stiles you need to set up reference points to stop and start the cuts so they are hidden from view on the top and bottom of the doors.

Available in 12 and 12,7mm shanks.



DESCRIPTION	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
The glass panel set	955.803.11	855.803.11



CNC router cutters & Chucks

Products

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Universal assembly support for chuck	172
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MK2 Chucks	179
Solid carbide spiral bits	180~186
CNC straight cutters	187~193
CNC profiled cutters	194~197
Slot & Mortise bits	198~204

Universal assembly support for chuck

new

CMT ORANGE TOOLS™



183

Description	ORDER NO.
Universal assembly support for chuck HSK-F63	183-HSK
Universal assembly support for chuck ISO30	183-ISO

For HSK-F63 and ISO30 chucks

CMT now offers a new universal assembly support system for HSK-F63 and ISO 30 chucks. The innovation lies in the special bidirectional roller bearings which clamp the tool holder to the flange. This unique system offers maximum protection to the tool taper and clamps are no longer needed!

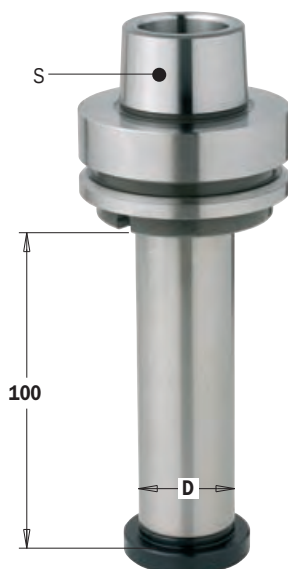
The special bidirectional roller bearing, clamps the toolholder to the flange, offering maximum protection to the tool taper.



Cutter arbor with HSK tapered shank

RH
LH

183.360



S	D mm				ORDER NO.
HSK-F63	Ø30x100				183.360.00
new HSK-F63	Ø35x100				183.361.00
new HSK-F63	Ø40x100				183.362.00

For Homag, Eima from 9/94, Dubus, Weeke, Biesse, SCM, Morbidelli and Masterwood machines

Cutter arbor with ISO30 tapered shank

RH
LH

183.260

S	D mm				ORDER NO.
ISO 30	Ø30x100				183.260.00

For Biesse machines.

REMARK: special dimensions available on request

HSK Chuck with precision collet "ER32"

RH
LH

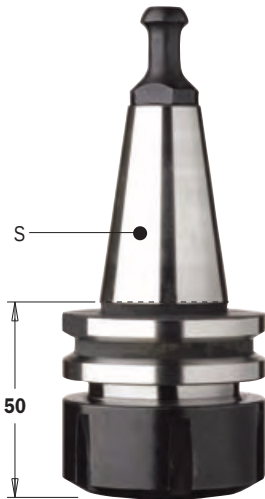
183.300



S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
HSK-F63	ER32			183.300.01	183.300.02

For Homag, Eima from 9/94, Dubus, Weeke, Biesse, SCM, Morbidelli and Masterwood machines.

ISO30 chuck with precision collet "ER32"



183.200

RH LH

S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
ISO 30	ER32			183.200.01	183.200.02

For Biesse machines.

183.210

RH LH

S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
ISO 30	ER32			183.210.01	183.210.02

For Biesse machines with Omlat engine, Bulleri, Busellato, CMS and IMA machines.

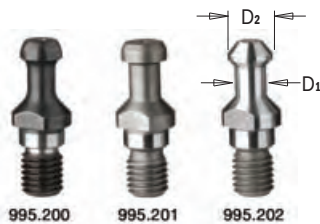
183.220

RH LH

S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
ISO 30	ER32			183.220.01	183.220.02

For Alberti and Masterwood machines.

Spare parts



DESCRIPTION	D ₁ mm	D ₂ mm	ORDER NO.
Retaining stud for chuck 183.200	8	12	995.200.00
Retaining stud for chuck 183.210	9	13	995.201.00
Retaining stud for chuck 183.220	9	12,8	995.202.00

ISO30 chuck with precision collet "ER32"



183.250

RH LH

S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
ISO 30	ER32			183.250.01	183.250.02

For Morbidelli and SCM machines.

183.251

RH LH

S	To be used with collet			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
ISO 30	ER32			183.251.01	183.251.02

For Morbidelli and SCM machines aluminium flange already assembled Ø69,5mm.

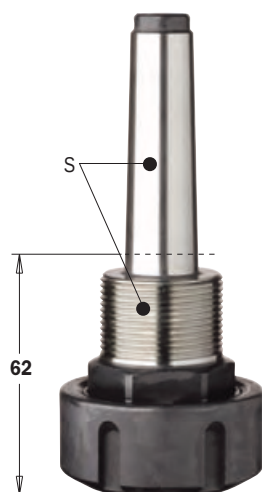
Retaining stud and aluminium flange

DESCRIPTION	ORDER NO.
Retaining stud Ø8,5mm	995.250.00
Aluminium flange Ø69,5mm	992.501.00

Chuck with precision collet “ER32”

RH

LH

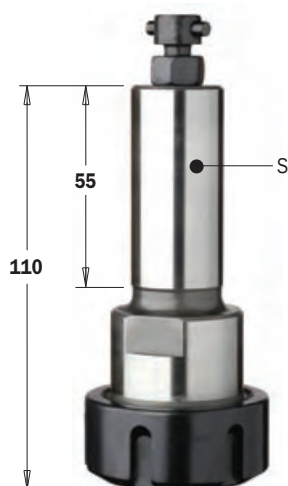
183.000/100


S mm	To be used with collet	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
MK2/M30x1,5	ER32	183.000.01	183.000.02
MK3/M30x1,5	ER32	183.100.01	

MK2/MK3 tapered shank

Chuck with precision collet “ER32”

RH

183.400


S mm	To be used with collet	ORDER NO. Right-hand rotation
Ø25x55	ER32	183.400.01

...parallel shank Ø25mm
For machines with PS Leuco system

DESCRIPTION	ORDER NO.
Retaining stud for PS Leuco System	995.400.00

Cap nuts for chuck with collet “ER32”

RH

LH

992.183


DESCRIPTION	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
Clamping nut for 183.000/100/200/250/300/400	992.183.01	992.183.02
Clamping nut with bearing		
Clamping nut for 183.000/100/200/250/300/400	992.183.11	992.183.12

C-Spanner for “ER32”


991.183

DESCRIPTION	ORDER NO.
C-Spanner “ER32”	991.183.00

Cap nut for CNC machines



993.0

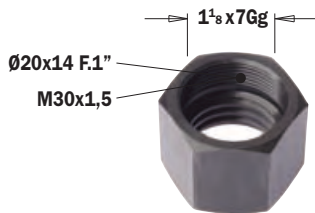
Cap nuts for to point machines

RH LH

Internal thread				ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
Ø20x14Fx1"				993.020.01	993.020.02
M30x1,5				993.030.01	993.030.02

For machines with M33x3 threaded spindle nose

Cap nut for routers machines



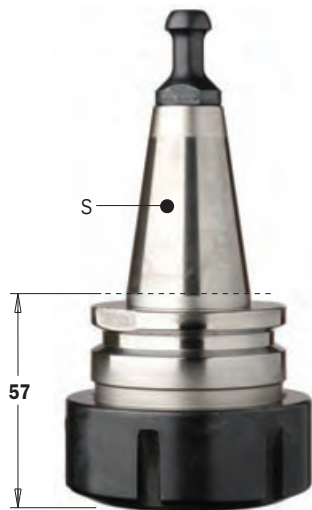
993.5

RH LH

Internal thread				ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
Ø20x14Fx1"				993.520.01	
M30x1,5				993.530.01	993.530.02

For machines with 1-1/8"x7 threaded spindle nose

ISO30 chuck with precision collet "ER40"



183.201

RH

S	To be used with collet			ORDER NO. Right-hand rotation	
ISO30	ER40			183.201.01	

For Biesse machines.

183.211

RH

S	To be used with collet			ORDER NO. Right-hand rotation	
ISO30	ER40			183.211.01	

For Biesse machines with Omlat engine, Bulleri, Busellato, CMS and IMA machines.

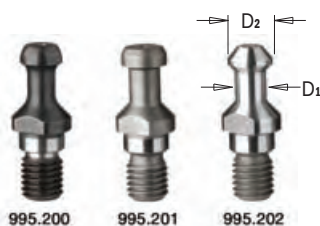
183.221

RH

S	To be used with collet			ORDER NO. Right-hand rotation	
ISO30	ER40			183.221.01	

For Alberti and Masterwood machines.

Spare parts



DESCRIPTION	D1 mm	D2 mm	ORDER NO.
Retaining stud for chuck 183.200	8	12	995.200.00
Retaining stud for chuck 183.210	9	13	995.201.00
Retaining stud for chuck 183.220	9	12,8	995.202.00

HSK chuck with precision collet "ER40"

RH LH

183.310



S	To be used with collet	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
HSK-F63	ER40	183.310.01	183.310.02

For Homag, Eima, IMA from 9/94, Dubus, Weeke, Biesse, SCM, Morbidelli and Masterwood machines.

Clamping nut for chucks with collet "ER40"

RH LH

992.383



DESCRIPTION	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
Clamping nut for 183.201/211/221/310	992.383.01	992.383.02
Clamping nut with bearing		
Clamping nut with bearing for 183.201/211/221/310	992.383.11	

C-spanner for "ER40"

991.283



DESCRIPTION	ORDER NO.
C-Spanner "ER40"	991.283.00

Precision collets "ER20"

184.xxx.20



D ₃ mm	ORDER NO.
3	184.030.20
6	184.060.20
6,35	184.064.20
8	184.080.20
10	184.100.20
12	184.120.20
12,7	184.127.20

TECHNICAL DETAILS:

- Replaceable collets Std "ER20" (from 2 to 13mm)
- Fits most tapered spindle noses
- Wide clamping tolerance $\pm 0,7$ mm.

REMARK: special dimensions available on request

Precision collets "ER25"



184.xxx.25

D ₃ mm					ORDER NO.
6					184.060.25
8					184.080.25
10					184.100.25
12					184.120.25
14					184.140.25
16					184.160.25

TECHNICAL DETAILS:

- Replaceable collets Std "ER25" (from 2 to 16mm)
- Fits most tapered spindle noses - Wide clamping tolerance $\pm 0,7$ mm.

Precision collets "ER32"



184.000

D ₃ mm					ORDER NO.
3					184.030.00
4					184.040.00
5					184.050.00
6					184.060.00
6,35					184.065.00
7					184.070.00
8					184.080.00
10					184.100.00
12					184.120.00
13					184.130.00
14					184.140.00
16					184.160.00
18					184.180.00
19					184.190.00
20					184.200.00

Precision collet "ER32" for 183.000/100/200/250/300/400

TECHNICAL DETAILS:

- Replaceable collets Std "ER32" (from 3 to 20mm)
- Fits most tapered spindle noses - Wide clamping tolerance $\pm 0,7$ mm.

Precision collets "ER40"



184.002

D ₃ mm					ORDER NO.
4					184.042.00
5					184.052.00
6					184.062.00
7					184.072.00
8					184.082.00
10					184.102.00
12					184.122.00
13					184.132.00
14					184.142.00
16					184.162.00
18					184.182.00
19					184.192.00
20					184.202.00
25					184.252.00

Precision collet "ER40" for 183.201/211/221/310

TECHNICAL DETAILS:

- Replaceable collets Std "ER40" (from 4 to 25mm)
- Fits most tapered spindle noses - Wide clamping tolerance $\pm 0,7$ mm.

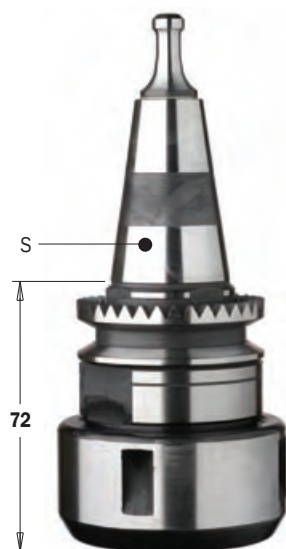
REMARK: special dimensions available on request

ISO30 Chuck with precision collet “DIN6388”

RH
183.255

S	To be used with collet			ORDER NO.
ISO30	DIN6388			Right-hand rotation 183.255.01

For Morbidelli/SCM machines



Precision collet Ø25mm “DIN6388” for 183.255

185

D ₃ mm					ORDER NO.
25					185.250.00

REMARK: special dimensions available on request



Clamping nut

RH
992.283

DESCRIPTION	ORDER NO.
Clamping nut for 183.255	Right-hand rotation 992.283.01



C-Spanner for “ER40”

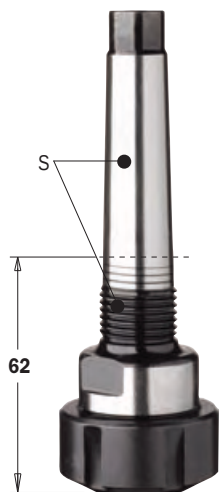
991.283

DESCRIPTION	ORDER NO.
C-Spanner for “ER40”	991.283.00



Collet chuck clamp with MK2 tapered shank

RH LH



123

S			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
MK2/Ø20x14Fx1"			123.000.01	123.000.02

Collet for 123



124

D ₃ mm					ORDER NO.
6					124.060.00
6,35					124.064.00
8					124.080.00
9,52					124.095.00
10					124.100.00
12					124.120.00
12,7					124.127.00
14					124.140.00

Clamping nut



992.123

RH LH

DESCRIPTION	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
Clamping nut	992.123.01	992.123.02

C-Spanner



991.123

DESCRIPTION	ORDER NO.
C-Spanner type "Usag" 40-42	991.123.00

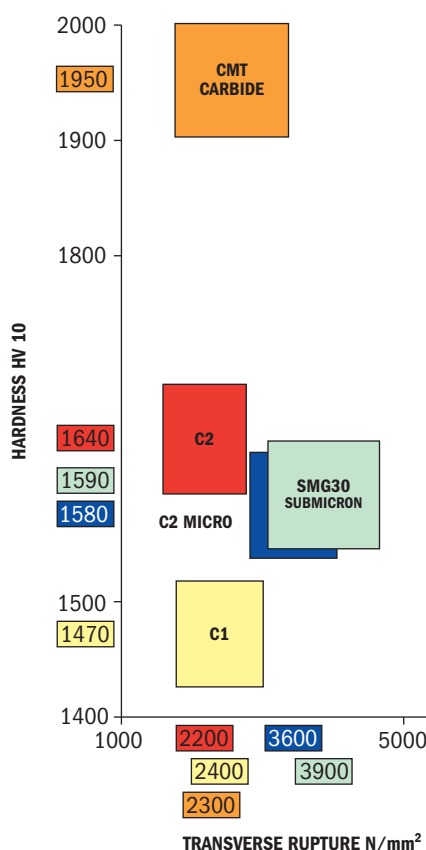
Sharp technology with a new twist

A special super-micrograin carbide formulation was created to produce and hold a keen cutting edge.

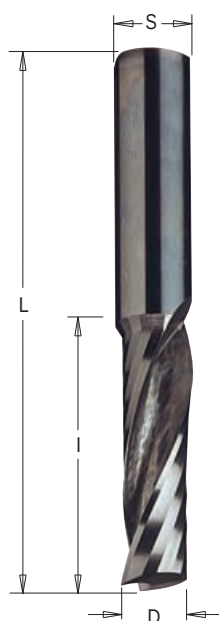
The new low-angle spiral is designed specifically to shear wood cleanly and provide efficient chip ejection.

The tools run cooler and the edge lasts longer.

Increased feed rates while improving cut quality, means increased productivity with CMT.



Solid carbide spiral bits up cut



198

HWM Z1 RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	12	50	3	198.030.11	
3,18	12,7	50,8	3,18	198.001.11	
4	15	50	4	198.040.11	
4,76	15,87	50,8	4,76	198.005.11	
5	17	50	5	198.050.11	
6	22	60	6	198.060.11	
6,35	19,05	50,8	6,35	198.007.11	
6,35	25,4	63,5	6,35	198.008.11	
8	22	70	8	198.080.11	
9,52	28,57	76,2	9,52	198.504.11	
10	32	70	10	198.100.11	
12	32	80	12	198.120.11	

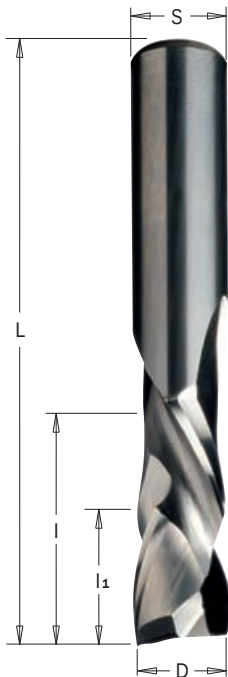
TECHNICAL DETAILS:

- Premium quality HWM
- 1 up cut spiral cutting edge HW [Z1]
- Provides an excellent finish on the lower side of the work piece
- Upward chip ejection

APPLICATION: used for cutting, copying, panel sizing and any routing applications in solid wood, wood composites, plastic materials and laminates. Use a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits up & down cut

HWM Z2+2 RH



190

D mm	I mm	l1 mm	L mm	S mm	ORDER NO. Right-hand rotation
8	32	7	80	8	190.080.11
9,53	28,6	7	76,2	9,53	190.504.11
10	32	7	80	10	190.100.11
12	42	7	90	12	190.120.11
12,7	25,4	16	76,2	12,7	190.505.11
12,7	28,6	16	76,2	12,7	190.506.11
12,7	34,9	16	88,9	12,7	190.507.11
12,7	41,3	16	101,6	12,7	190.508.11
16	55	24	110	16	190.160.11
18	55	30	110	18	190.180.11

...up & down cut mortising bits

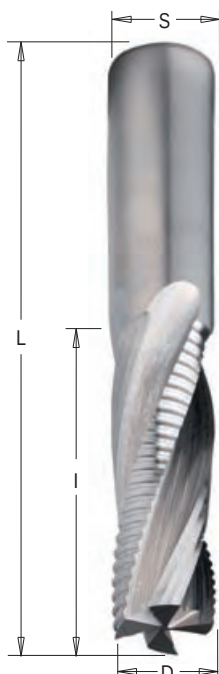
9,53	22,2	4,8	76,2	9,53	190.513.11
12,7	22,2	5,2	76,2	12,7	190.515.11
12,7	34,9	5,2	88,9	12,7	190.517.11

TECHNICAL DETAILS:

- Premium quality HWM
- 2+2 spiral cutting edges (Z2+2)
- Provides an excellent finish on both the upper and lower sides of the workpiece.

APPLICATION: used for cutting, copying, panel sizing and any routing applications in solid wood, wood composites, plastic materials and laminates. Use a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits up cut



197

HWM Z4 RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
12	42	90	12	197.121.11
14	50	110	14	197.140.11
16	55	110	16	197.160.11
16	35	90	16	197.161.11
18	55	110	18	197.180.11
20	60	120	20	197.200.11
20	70	120	20	197.201.11

TECHNICAL DETAILS:

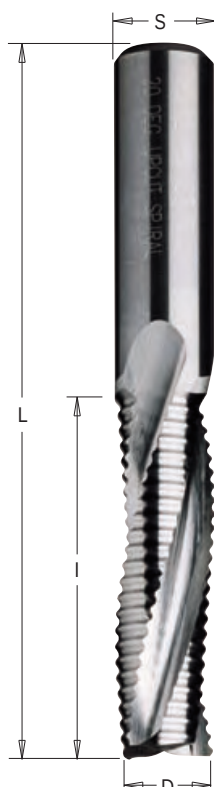
- Premium quality HWM
- 4 spiral cutting edges (2 with chip-breaker) [Z2+2R]
- Tooth depth max 0.1mm
- Provides excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood and wood composites. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

**The special 4 flutes design
(Z2 finishing + Z2R with chipbreaker)
allows high speed with excellent finish
of the workpiece.**



Solid carbide spiral bits up cut with chip-breaker



195

HWM Z3R RH LH

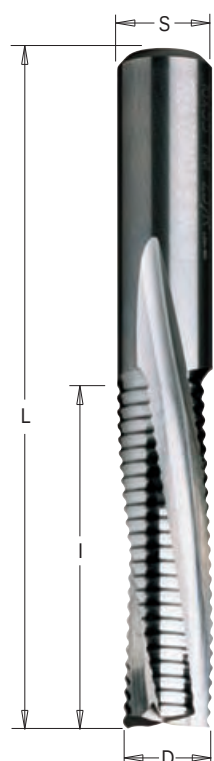
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	32	80	8	195.081.11	195.081.12
8	42	90	8	195.082.11	
10	32	80	10	195.100.11	195.100.12
10	42	90	10	195.101.11	
12	35	80	12	195.120.11	195.120.12
12	42	12	12	195.121.11	
12	52	100	12	195.122.11	
12,7	38,1	88,9	12,7	195.506.11	
14	58	110	14	195.140.11	
15,88	54	109,5	15,88	195.509.11	
16	55	110	16	195.160.11	195.160.12
16	35	90	16	195.161.11	
18	55	110	18	195.180.11	
19,05	54	109,5	19,05	195.511.11	
20	60	120	20	195.200.11	195.200.12
20	70	120	20	195.201.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3R)
- Chip breaker teeth
- Tooth depth max 0.3mm
- Provides an excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, or wood composites. Can be used at a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits down cut with chip-breaker



196

HWM Z3R RH LH

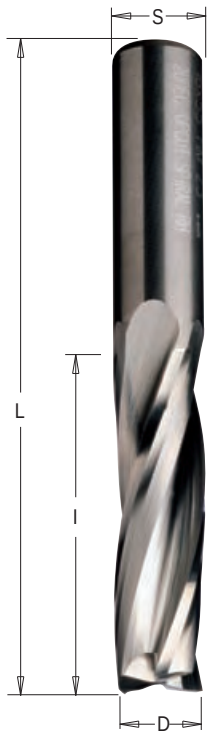
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	32	80	8	196.081.11	
10	42	90	10	196.101.11	
12	35	80	12	196.120.11	196.120.12
12,7	38,1	88,9	12,7	196.506.11	
14	50	110	14	196.140.11	
15,88	54	109,5	15,88	196.509.11	
16	55	110	16	196.160.11	196.160.12
18	55	110	18	196.180.11	
19,05	54	109,5	19,05	196.511.11	
20	60	120	20	196.200.11	196.200.12

TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3R)
- Chip breaker teeth
- Tooth depth max 0.3mm
- Provides excellent finish on the upper side of the workpiece
- Downward chip ejection.

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood and wood composites. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits up cut with chip-breaker



193

HWM Z3 RH LH

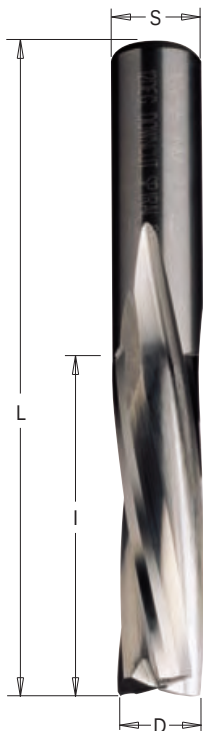
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	32	80	8	193.081.11	193.081.12
10	32	80	10	193.100.11	193.100.12
10	42	90	10	193.101.11	
12	35	80	12	193.120.11	193.120.12
12	42	90	12	193.121.11	
14	58	110	14	193.140.11	
16	55	110	16	193.160.11	193.160.12
16	35	90	16	193.161.11	
18	55	110	18	193.180.11	
20	60	120	20	193.200.11	193.200.12
20	70	120	20	193.201.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3)
- Provides an excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, or wood composites. Can be used at a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits down cut with chip-breaker



194

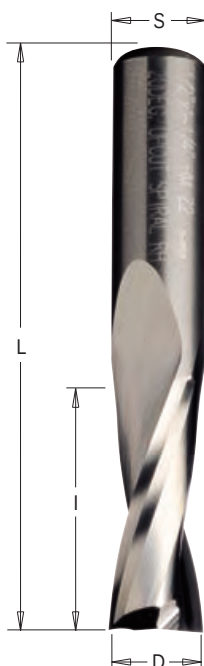
HWM Z3 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
10	32	80	10	194.100.11	
12	35	80	12	194.120.11	194.120.12
14	50	110	14	194.140.11	
16	55	110	16	194.160.11	194.160.12
16	35	90	16	194.161.11	
18	55	110	18	194.180.11	
20	60	120	20	194.200.11	194.200.12

TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3)
- Provides an excellent finish on the upper side of the workpiece
- Downward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, wood composites, plastic materials and laminates. Can be used at a high feed speed on small, difficult to clamp workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.



191

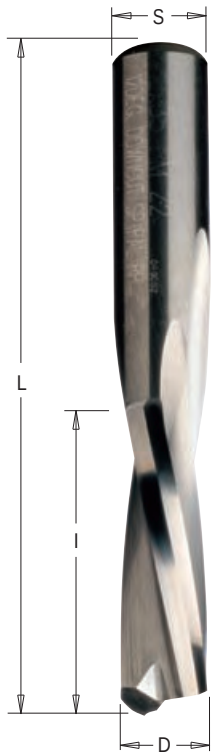
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	12	50	3	191.030.11	
3	12	60	3	191.630.11	
3	12	60	3	191.830.11	
3,18	12,7	50,8	3,18	191.001.11	
3,5	12	60	3,5	191.635.11	
3,97	12,7	50,8	3,97	191.003.11	
4	15	50	4	191.040.11	
4	15	60	4	191.640.11	
4	15	60	4	191.840.11	
4,76	19,05	50,8	4,76	191.005.11	
5	17	50	5	191.050.11	
5	17	60	5	191.650.11	
5	17	60	5	191.850.11	
6	27	70	6	191.060.11	
6	27	70	6	191.860.11	
6,35	19,05	50,8	6,35	191.007.11	
6,35	25,4	63,5	6,35	191.008.11	
7	32	80	7	191.870.11	
7,94	25,4	76,2	7,94	191.501.11	
8	22	70	8	191.080.11	
8	32	80	8	191.081.11	
8	42	90	8	191.082.11	
9	32	80	9	191.890.11	
9,53	31,75	76,2	9,53	191.503.11	
10	32	80	10	191.800.11	
10	32	80	10	191.100.11	
10	32	80	10	191.900.11	
10	42	90	10	191.101.11	
10	42	90	10	191.901.11	
12	35	80	12	191.820.11	
12	35	80	12	191.120.11	
12	42	90	12	191.121.11	
12	52	100	12	191.122.11	
12,7	31,75	76,2	12,7	191.505.11	
12,7	38,1	88,9	12,7	191.506.11	
12,7	50,8	101,6	12,7	191.507.11	
14	50	110	14	191.140.11	
15,88	55	109,5	15,88	191.509.11	
16	55	110	16	191.160.11	
16	35	90	16	191.161.11	
19,05	55	109,5	19,05	191.511.11	
20	60	120	20	191.200.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 2 spiral cutting edges (Z2)
- Provides an excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, wood composites, plastic materials and laminates.

Can be used at a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.



192

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	12	50	3	192.030.11	
3	12	60	3	192.630.11	
3	12	60	3	192.830.11	
3,18	12,7	50,8	3,18	192.001.11	
3,97	12,7	50,8	3,97	192.003.11	
4	15	50	4	192.040.11	
4	15	60	4	192.640.11	
4	15	60	4	192.840.11	
4,76	19,05	50,8	4,76	192.005.11	
5	17	50	5	192.050.11	
5	17	60	5	192.650.11	
5	17	60	5	192.850.11	
6	27	70	6	192.060.11	
6	27	70	6	192.860.11	
6,35	19,05	50,8	6,35	192.007.11	
6,35	25,4	63,5	6,35	192.008.11	
7,94	25,4	76,2	7,94	192.501.11	
8	22	70	8	192.080.11	
8	32	80	8	192.081.11	
8	42	90	8	192.082.11	
9,53	31,75	76,2	9,53	192.503.11	
10	32	80	10	192.800.11	
10	32	80	10	192.100.11	
10	32	80	10	192.900.11	
12	35	80	12	192.820.11	
12	35	80	12	192.120.11	
12,7	31,75	76,2	12,7	192.505.11	
12,7	38,1	88,9	12,7	192.506.11	
12,7	50,8	101,6	12,7	192.507.11	
16	55	110	16	192.160.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 2 spiral edges (Z2)
- Provides an excellent finish on the upper side of the workpiece
- Downward chip ejection

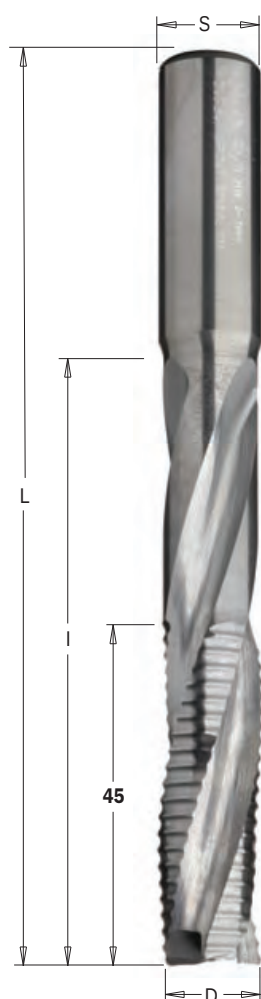
APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, wood composites, plastic materials and laminates.

Can be used at a high feed speed on small, difficult to clamp work pieces.

Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Solid carbide spiral bits up cut for lockset with chip-breaker

HWM Z3R RH



195

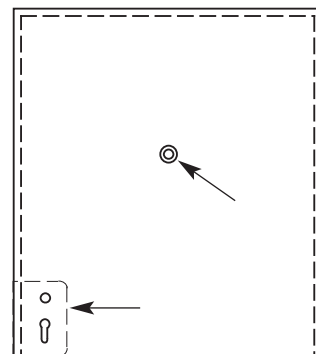
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
14	95*	150	14	195.142.11	
16	95*	150	16	195.162.11	
18	95*	150	18	195.182.11	

* The length 95mm is made in 2-3 passes.

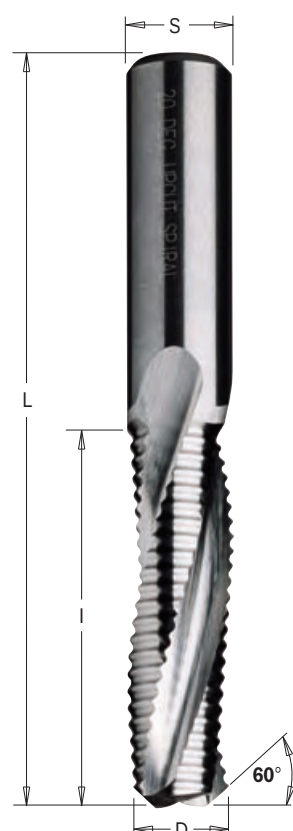
TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3R)
- Chip breaker teeth
- Tooth depth max 0.3mm
- Provides an excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, or wood composites. Can be used at a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.



Solid carbide spiral bits up cut with chip-breaker, for lockset with 60° V-Point



195.143/163

HWM Z3R RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
14	58	110	14	195.143.11	
16	55	110	16	195.163.11	

Solid carbide spiral bits up cut without chip-breaker, for lockset with 60° V-Point

191.143/163

HWM Z3 RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
14	50	110	14	191.143.11	
16	55	110	16	191.163.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 3 spiral cutting edges (Z3)
- Provides an excellent finish on the lower side of the workpiece
- Upward chip ejection

APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, or wood composites. Can be used at a high feed speed on well-clamped workpieces. Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.

Spiral bits with knives for lockset with chip-breaker



662

HW Z2R RH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
16	23/95*	150	16	662.160.11

Spare parts

Knives 23x7x1.5mm 2-RT HW-HC	790.230.2R
Knives 23x7x1.5mm 3-RT HW-HC	790.230.3R
Screw Torx T9 M3x4	990.082.00
Torx key T9	991.069.00

* The length 95mm is made in 3-4 passes.

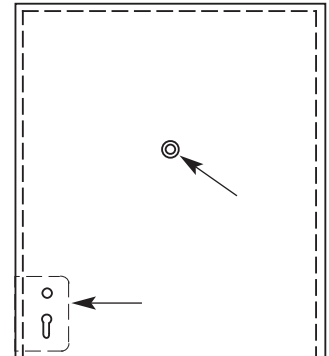
TECHNICAL DETAILS:

- Super Strength steel (heavy-duty material)
- 2 cutting edges (Z2R)
- Chip breaker teeth

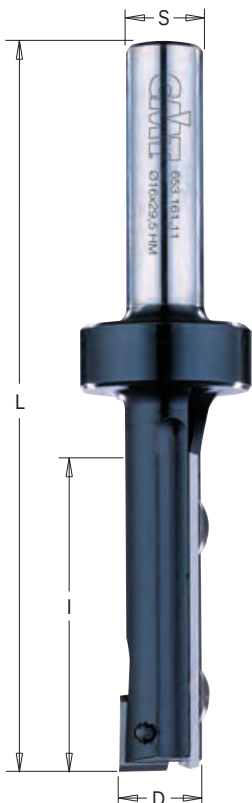
APPLICATION: used for ripping, template routing, panel sizing and any routing applications in solid wood, or wood composites.

Can be used at a high feed speed on well-clamped workpieces.

Can be used on machining centres, point to point machines, CNC routers and hand-held routers equipped with chucks or adaptors.



Straight router cutter with knives



653

HW Z1+1 RH

D mm	I mm	L mm	S mm	Spare knives		ORDER NO. Right-hand rotation
				side	top	
16	28,3	91,5	20	790.283.12	790.075.00	653.661.11
16	48,3	111,5	20	790.483.12	790.075.00	653.662.11
18	48,3	111,5	20	790.483.12	790.075.00	653.681.11
20	48,3	111,5	20	790.483.12	790.096.00	653.701.11

Spare parts

Knives 7,5 x 12 x 1,5mm	790.075.00
Knives 9,6 x 12 x 1,5mm	790.096.00
Knives 28,3 x 12 x 1,5mm	790.283.12
Knives 48,3 x 12 x 1,5mm	790.483.12
Torx screw M3,5x3,5mm	990.072.00
Torx screw M4x3,5mm	990.074.00
Torx screw M4x6mm	990.075.00
Torx key T15	991.061.00

TECHNICAL DETAILS:

- Super Strength steel
- 2 cutting edges (Z1+1)

APPLICATION: straight router bit with one replaceable plunging knife and one side knife fixed by special Torx screws. The body is precise balanced. For finishing and routing, plunge cutting and grooving in boards materials (laminated chipboards, MDF) and hard wood.

For use on CNC machining centers.

DP router cutters with shear angle



141

DP Z1+1 Z1 RH

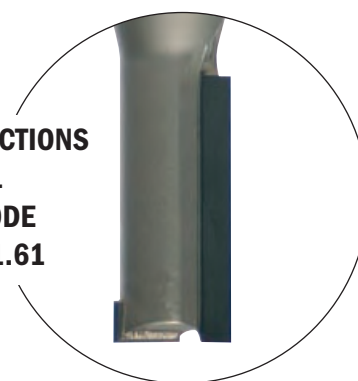
D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
6	8	65	12x35	1	141.060.61
8	12	65	12x35	1	141.080.61
*10	22	65	12x35	1+1	141.101.61

TECHNICAL DETAILS:

- Super strength steel
- DP cutting edge
- Resharpenable cutter (max 3 times)
- Max feed speed 4 m/min

APPLICATION: to be used on all CNC routers for jointing and sizing of solid wood and wood-based panels.

*** CONSTRUCTIONS
Z1+1
FOR CODE
141.101.61**



DP router cutters with shear angle



140

DP Z1+1 RH

D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
12	27	70	12x35	1+1 (3 DP)	140.120.61
12	36	80	12x35	1+1 (4 DP+1 HW)	140.121.61
12,7	27	70	12,7	1+1 (3 DP+1 HW)	140.127.61
12,7	36	80	12,7	1+1 (4 DP+1 HW)	140.128.61
15,87	27	85	15,87	1+1 (3 DP+1 HW)	140.158.61
15,87	45	100	15,87	1+1 (5 DP+1 HW)	140.159.61
16	27	90	16x50	1+1 (3 DP+1 HW)	140.160.61
16	36	95	16x45	1+1 (4 DP+1 HW)	140.161.61
18	27	80	20x45	1+1 (3 DP+1 HW)	140.180.61
18	36	90	20x45	1+1 (4 DP+1 HW)	140.181.61
18	45	100	20x45	1+1 (5 DP+1 HW)	140.182.61
19,05	27	90	19,05	1+1 (3 DP+1 HW)	140.190.61
19,05	45	105	19,05	1+1 (5 DP+1 HW)	140.192.61
20	27	85	20x50	1+1 (3 DP+1 HW)	140.200.61
20	36	95	20x50	1+1 (4 DP+1 HW)	140.201.61
20	45	105	20x50	1+1 (5 DP+1 HW)	140.202.61
20	54	115	20x50	1+1 (6 DP+1 HW)	140.203.61

TECHNICAL DETAILS:

- Super strength steel
- DP cutting edge
- HW plunging tip for diagonal plunge-cutting (Z-axis tool entrance)
- Resharpenable cutter (max 3 times)
- Max feed speed 5 m/min

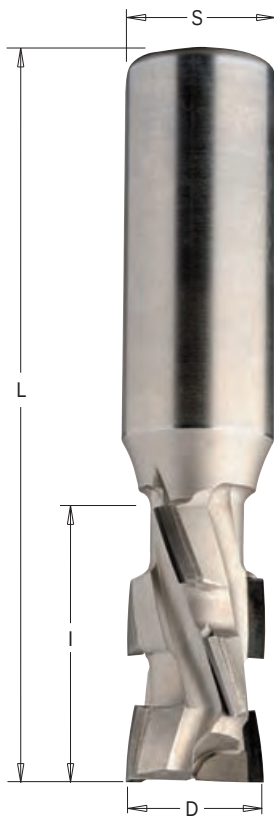
APPLICATION: to be used on all CNC routers for jointing, rabbeting, grooving and copying of raw material, melamine and laminated, MDF, HPL and veneered panels.

DP router cutters with shear angle



new

CMT ORANGE TOOLS™



142

DP Z2+2 RH

D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
20	27	85	20x50	2+2 (6 DP+1 HW)	142.200.61
20	36	95	20x50	2+2 (8 DP+1 HW)	142.201.61
20	45	105	20x50	2+2 (10 DP+1 HW)	142.202.61
20	54	115	20x50	2+2 (12 DP+1 HW)	142.203.61

TECHNICAL DETAILS:

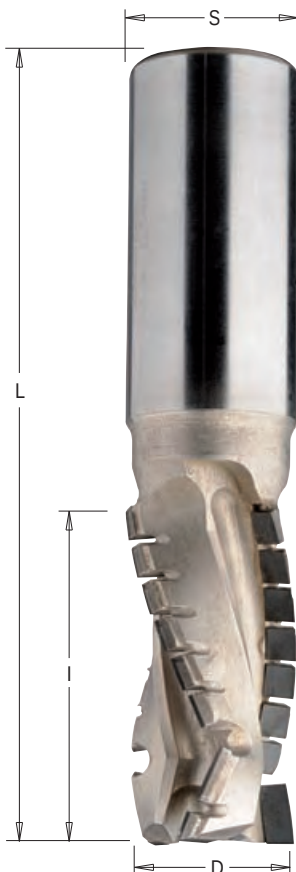
- Super strength steel
- DP cutting edge
- HW plunging tip for diagonal plunge-cutting (Z-axis tool entrance)
- Resharpenable cutter (max 3 times)
- Max feed speed 10 m/min

APPLICATION: to be used on all CNC routers for jointing, rabbeting, grooving, copying and dividing cuts of raw material, melamine and laminated, MDF, HPL and veneered panels.

DP spiral router cutters with shear angle



new



143

DP Z3 RH

D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
22	30	90	25x50	3 (12 DP+1 HW)	143.220.61
□ 22	35	95	25x50	3 (15 DP+1 HW)	143.221.61
22	40	100	25x50	3 (18 DP+1 HW)	143.222.61
□ 22	45	105	25x50	3 (20 DP+1 HW)	143.223.61
22	50	110	25x50	3 (21 DP+1 HW)	143.224.61
□ 22	55	115	25x50	3 (24 DP+1 HW)	143.225.61
22	60	120	25x50	3 (27 DP+1 HW)	143.226.61
□ 22	65	125	25x50	3 (29 DP+1 HW)	143.227.61
□ 22	70	130	25x50	3 (30 DP+1 HW)	143.228.61

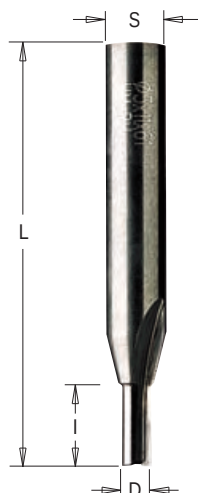
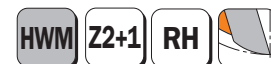
TECHNICAL DETAILS:

- Super strength steel
- DP cutting edge
- HW plunging tip for diagonal plunge-cutting (Z-axis tool entrance)
- Resharpenable cutter (max 6 times)
- Max feed speed 25 m/min

APPLICATION: to be used on all CNC routers for jointing, rabbeting, grooving, copying and dividing cuts of raw material, melamine and laminated, MDF, HPL and veneered panels.
High performance on pre-and finish-routing.

□ On request

Solid carbide router cutters



174

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	10	55	8	174.030.11	
4	10	55	8	174.040.11	
5	12	55	8	174.050.11	
6	14	55	8	174.060.11	
7	20	55	8	174.070.11	
8	20	55	8	174.080.11	
9	20	55	8	174.090.11	

TECHNICAL DETAILS:

- Premium quality HWM
- 2 radial relief cutting edges (Z2)

Router cutters



174



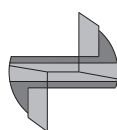
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
10	20	60	8	174.100.11	
10	40	90	8	174.101.11	
11	20	60	8	174.110.11	
12	20	60	8	174.120.11	
12	40	90	8	174.121.11	
13	20	60	8	174.130.11	
14	20	60	8	174.140.11	
14	40	90	8	174.141.11	
15	20	60	8	174.150.11	
16	20	70	8	174.160.11	
16	40	90	8	174.161.11	
18	20	70	8	174.180.11	
new 18	30	70	8	174.181.11	
new 18	40	80	8	174.182.11	
new 19	20	70	8	174.190.11	
20	20	70	8	174.200.11	
new 20	30	70	8	174.201.11	
22	20	70	8	174.220.11	
24	20	70	8	174.240.11	
new 25	20	70	8	174.250.11	
26	20	70	8	174.260.11	
28	20	70	8	174.280.11	
new 29	20	70	8	174.290.11	
30	20	70	8	174.300.11	

TECHNICAL DETAILS:

- Super strength steel
- 2 precision ground HW cutting edges and 1 HW plunge centre tip (Z2+1)

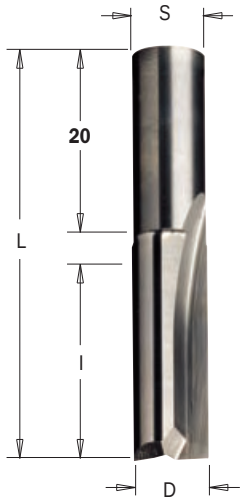
APPLICATION: used for drilling, grooving or jointing solid wood and wood composites.

Can be used on machining centres, CNC routers and hand-held routers equipped with chucks or adaptors.



HW plunge centre tip

Solid carbide router cutters



112



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	10	37	9,5x20	112.030.11	
4	10	37	9,5x20	112.040.11	
5	12	39	9,5x20	112.050.11	
6	14	41	9,5x20	112.060.11	
7	16	43	9,5x20	112.070.11	
8	18	48	9,5x20	112.080.11	
8	30	60	9,5x20	112.081.11	
9	20	52	9,5x20	112.090.11	
10*	22	52	9,5x20	112.100.11	
10*	35	65	9,5x20	112.101.11	
11*	26	52	9,5x20	112.110.11	
12*	26	52	9,5x20	112.120.11	

* Super strength steel
2 precision ground HW cutting edges [Z2]

TECHNICAL DETAILS:
- Premium quality HWM
- 2 radial relief cutting edges (Z2)

Router cutters



113



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
12	26	52	12	113.120.11	
12	40	70	12	113.121.11	
13	26	52	12	113.130.11	
14	28	56	12	113.140.11	
14	40	72	12	113.141.11	
15	32	60	12	113.150.11	
16	32	60	12	113.160.11	
16	40	72	12	113.161.11	
17	35	64	12	113.170.11	
18	35	64	12	113.180.11	
19	38	68	12	113.190.11	
20	38	68	12	113.200.11	
22	40	72	12	113.220.11	
24	40	72	12	113.240.11	
25	40	72	12	113.250.11	
26	42	74	12	113.260.11	
28	42	74	12	113.280.11	
30	42	74	12	113.300.11	

TECHNICAL DETAILS:
- Super strength steel
- 2 precision ground HW cutting edges and 1 HW plunge centre tip (Z2+1)

APPLICATION: used for grooving, jointing and routing solid wood, wood composites, plastic materials and laminates.



HW plunge centre tip



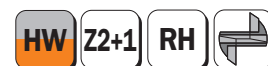
HW plunge centre tip

175

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
• 4	10	65	10x35	175.040.11	
• 5	12	65	10x35	175.050.11	
• 6	14	65	10x35	175.060.11	
• 7	17	65	10x35	175.070.11	
• 8	20	65	10x35	175.080.11	
• 9	23	65	10x35	175.090.11	
10	25	70	10x35	175.100.11	
12	25	70	10x35	175.120.11	
14	25	70	10x35	175.140.11	
15	25	70	10x35	175.150.11	
16	25	70	10x35	175.160.11	
18	25	70	10x35	175.180.11	
20	25	70	10x35	175.200.11	
22	25	70	10x35	175.220.11	
24	25	70	10x35	175.240.11	
25	25	70	10x35	175.250.11	
26	25	70	10x35	175.260.11	
30	25	70	10x35	175.300.11	
35	25	70	10x35	175.350.11	

• HWM

176



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
10	40	87	10x35	176.100.11	
12	40	87	10x35	176.120.11	
14	40	87	10x35	176.140.11	
15	40	87	10x35	176.150.11	
16	40	87	10x35	176.160.11	
18	40	87	10x35	176.180.11	
20	40	87	10x35	176.200.11	



177



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
10	35	90	12x50	177.100.11	
12	35	90	12x50	177.120.11	
12	50	100	12x50	177.121.11	
14	35	90	12x50	177.140.11	
16	35	90	12x50	177.160.11	
16	60	110	12x50	177.161.11	
18	35	90	12x50	177.180.11	
new 18	60	110	12x50	177.181.11	
20	35	90	12x50	177.200.11	
22	35	90	12x50	177.220.11	
24	35	90	12x50	177.240.11	
30	35	90	12x50	177.300.11	
35	35	90	12x50	177.350.11	

TECHNICAL DETAILS:

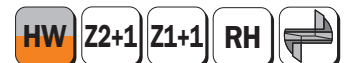
- Super strength steel
- 2 precision ground HW cutting edges and 1 HW plunge centre tip (Z2+1)

APPLICATION: used for grooving, jointing and general routing operations in solid wood, wood composites, plastics and laminates. Can be used on machining centres, CNC routers and hand-held routers.

Router cutters for drywall openings



136



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
14	50	90	12x40	136.140.11	
16	50	90	12x40	136.160.11	
18	50	90	12x40	136.180.11	

TECHNICAL DETAILS:

- Super strength steel
- 2 alternating precision ground HW [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.

Spoilboard surfacing router cutters



663.001.11

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
80	12	90	20	663.001.11

Spare parts

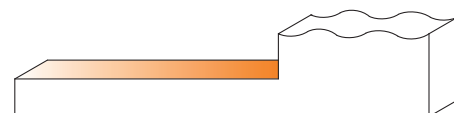
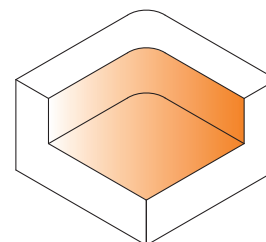
Knives 12x12x1,5mm	790.120.00
Screw Torx T15 M4x6	990.075.00
Torx key T15	991.061.00
Knives 14x14x2mm	790.140.00
Screw Torx T20 M6x9	990.083.00
Torx key T20	991.072.00

TECHNICAL DETAILS:

- Super Strength steel
- 2 cutting edges (Z2)
- 2 scores knives (V2)

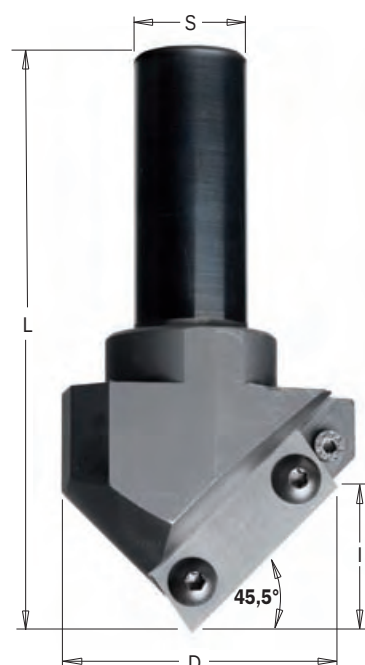
APPLICATION: new router bit for CNC router ideal for fast removal of material over a large surface area leaving an improved finish at the bottom of the cut. Used on soft and hard woods, particle board and MDF. The router bit utilizes 4-sided HWM inserts.

Cost effective solution compared to brazed router bits and solid carbide spiral bits.



Drawings are 1:2 scale

V-Groove - folding - signmaking CNC router cutters



663.101.11



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation
52	25	100	20	663.101.11

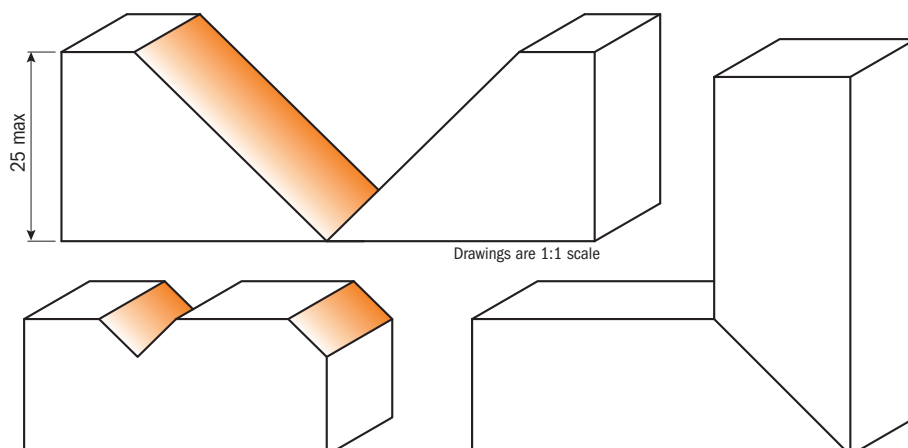
Spare parts

Knives 36x12x1,5mm	790.360.01
Screw Torx M3,5x7	990.077.00
Torx key T15	991.061.00

TECHNICAL DETAILS:

- Super Strength steel
- 1 cutting edges (Z1)

APPLICATION: This innovative CNC router bit offers you an endless range of possibilities for V-Groove, miter folds, signmaking, lettering and chamfer edges. The tool mounts a high grade HWM reversible knife ideal for general purpose, chipboard and plywood, but a higher quality is available for laminated and MDF material.



Drawings are 1:1 scale

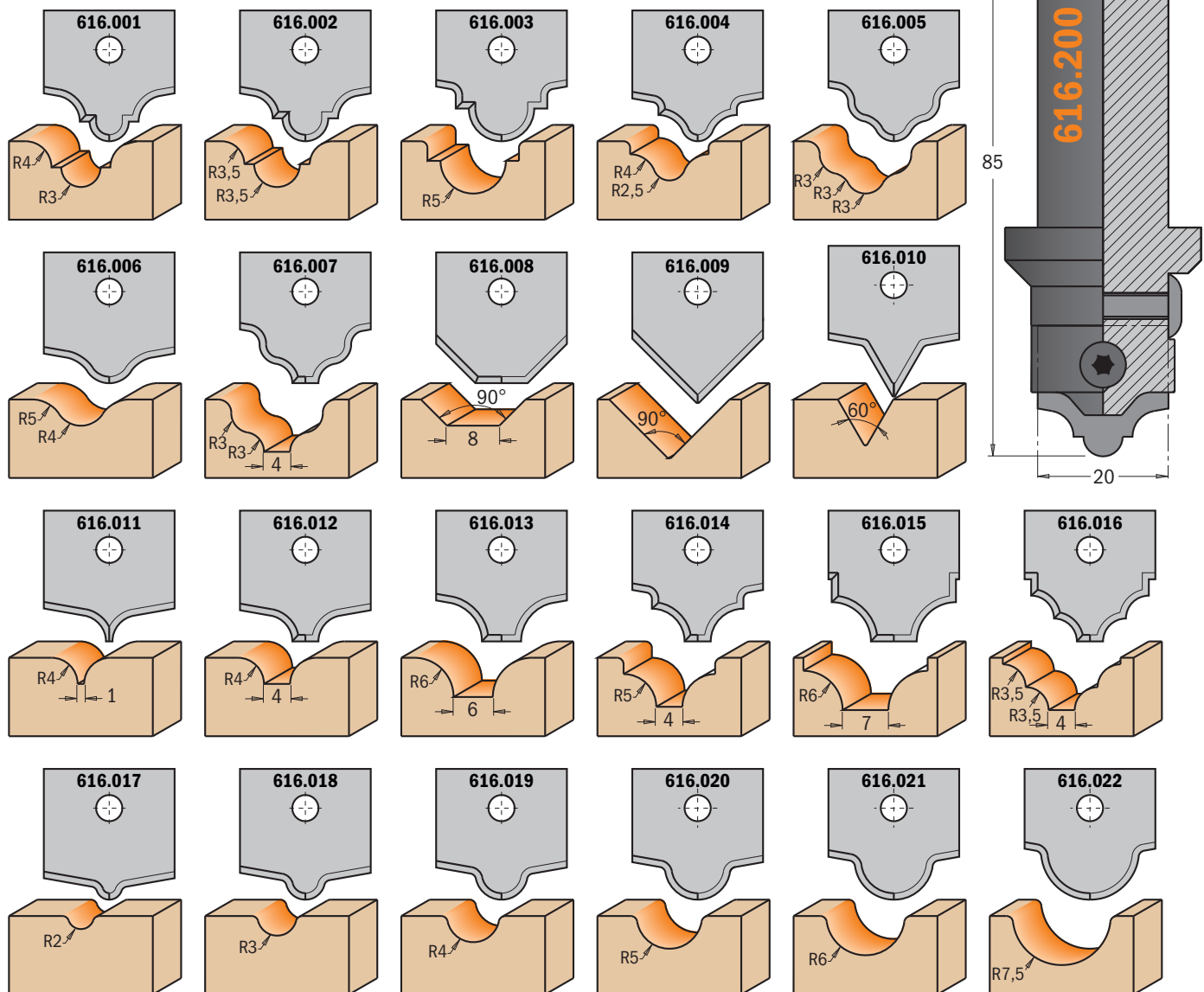


616

This unique system includes a tool body with 22 profile knives designed for multiple applications on your CNC routers. Ideal for MDF, laminates, veneers, plastic, wood and solid surface materials.

TECHNICAL DETAILS:

- Knives 20x20x2mm
- We recommend to re-sharpen the knives on the profiled cutting edges.



Drawings are 1:1 scale

DESCRIPTION	ORDER NO. S=Ø20mm	Spare parts		
		Body	Screw	Key
Complete set for decorating and engraving	616.000.01	616.200	990.077.00	991.061.00

Remark: tool body and insert knives can be sold individually.

Complete set for MDF doors



615

Open some new doors with CMT. Our 4-piece set includes the most popular profile to make MDF panel doors for kitchens and bathrooms. Each bit is made from bar stock steel and the highest quality tungsten carbide knives.

The bodies support 5 different profiles knives allowing enormous possibilities for easy and economical construction.

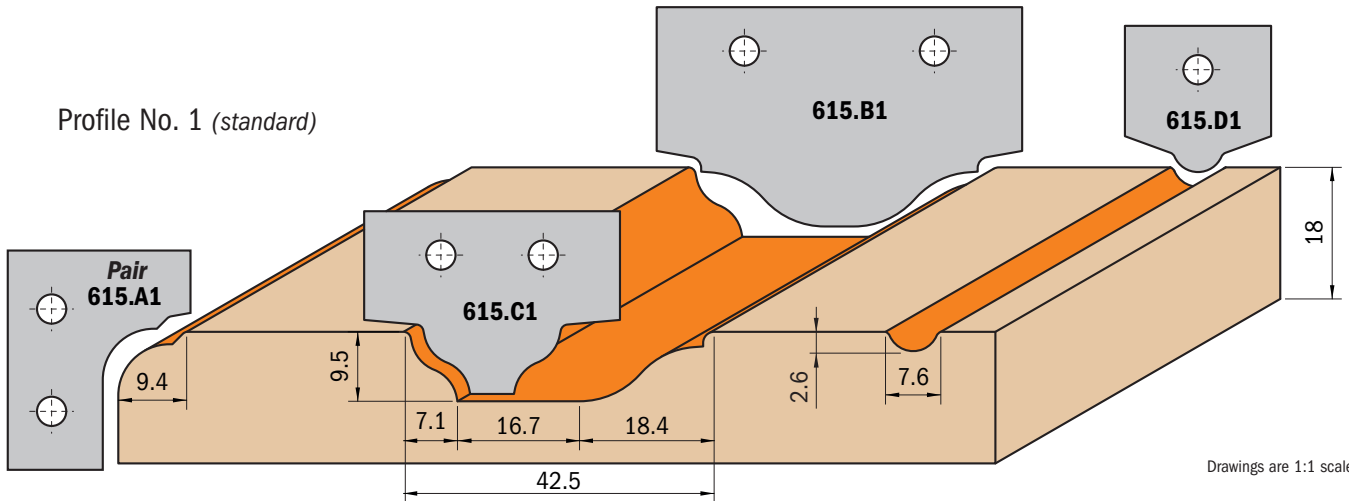
The highest materials, the lowest tolerance in balancing and the precision in the sharpening of the knives, let you obtain a smooth finish on your CNC machine.



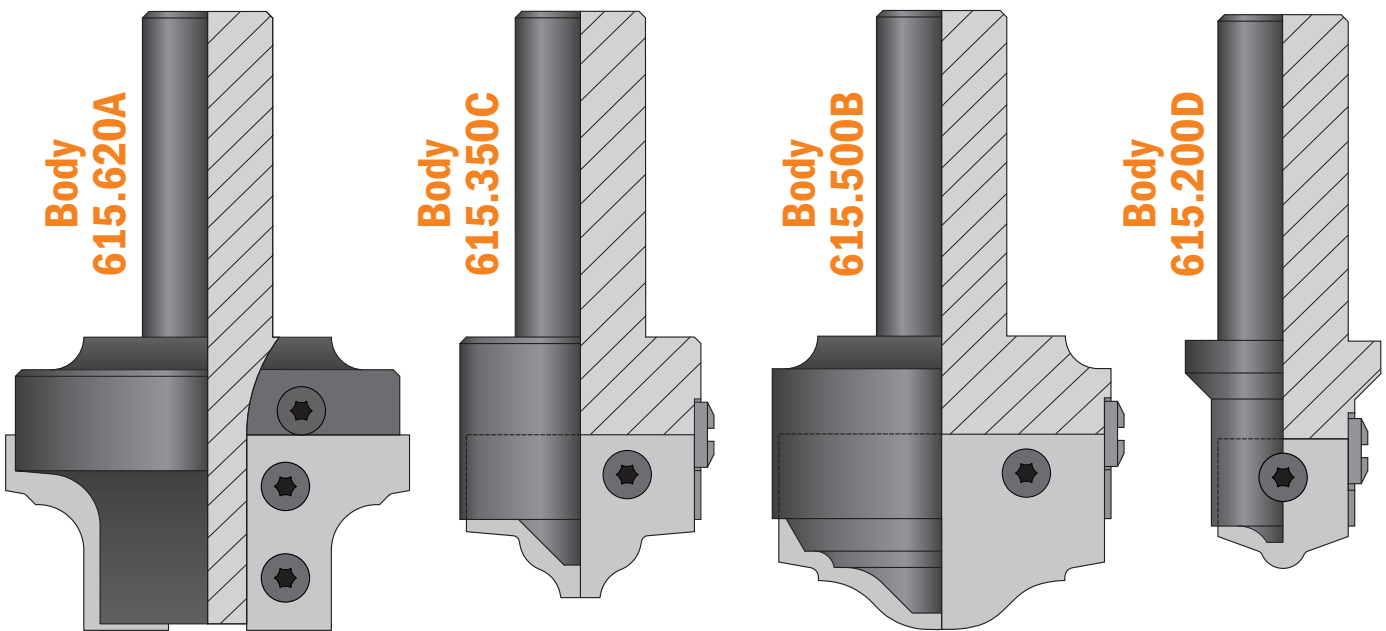
Spare parts

Tork key T15	991.061.00
Torx screw M3,5x5	990.073.00
Torx screw M4x6	990.075.00
Torx screw M3,5x7	990.077.00

Profile No. 1 (standard)



Drawings are 1:1 scale

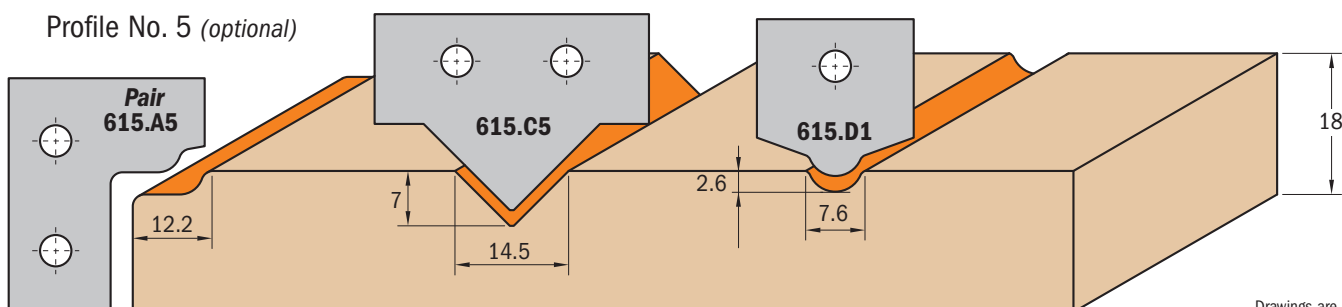
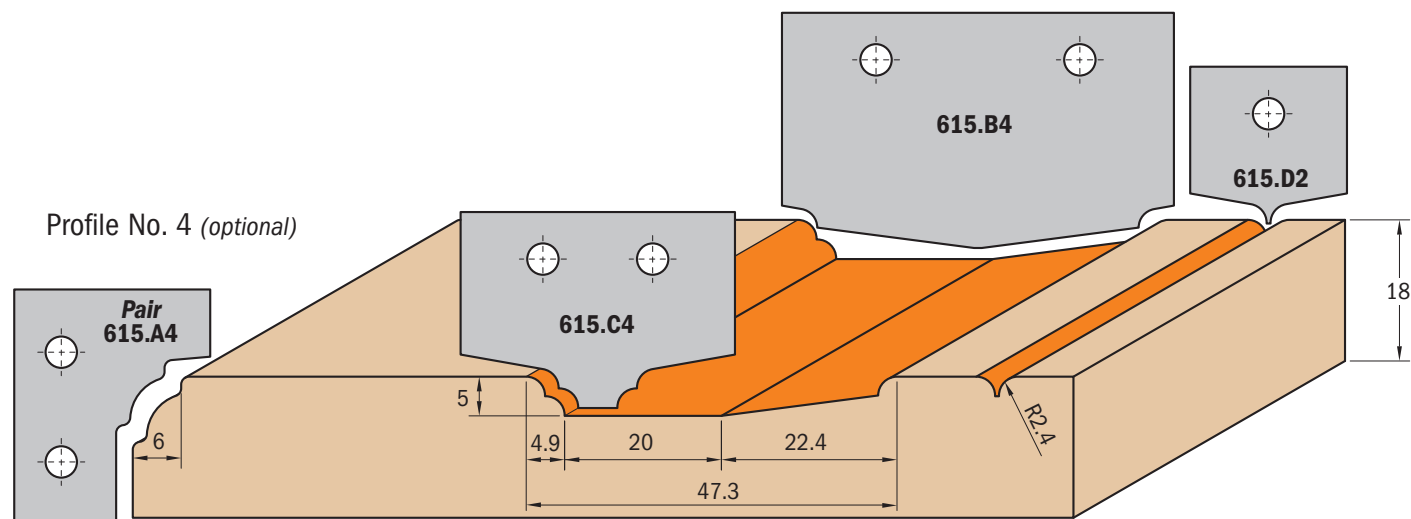
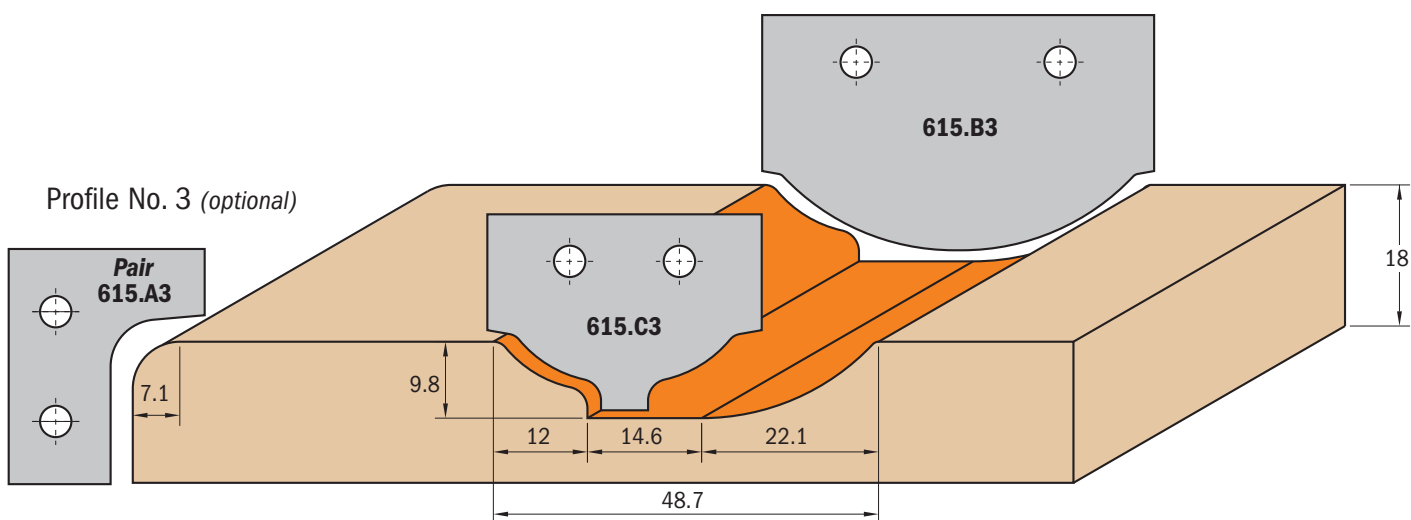
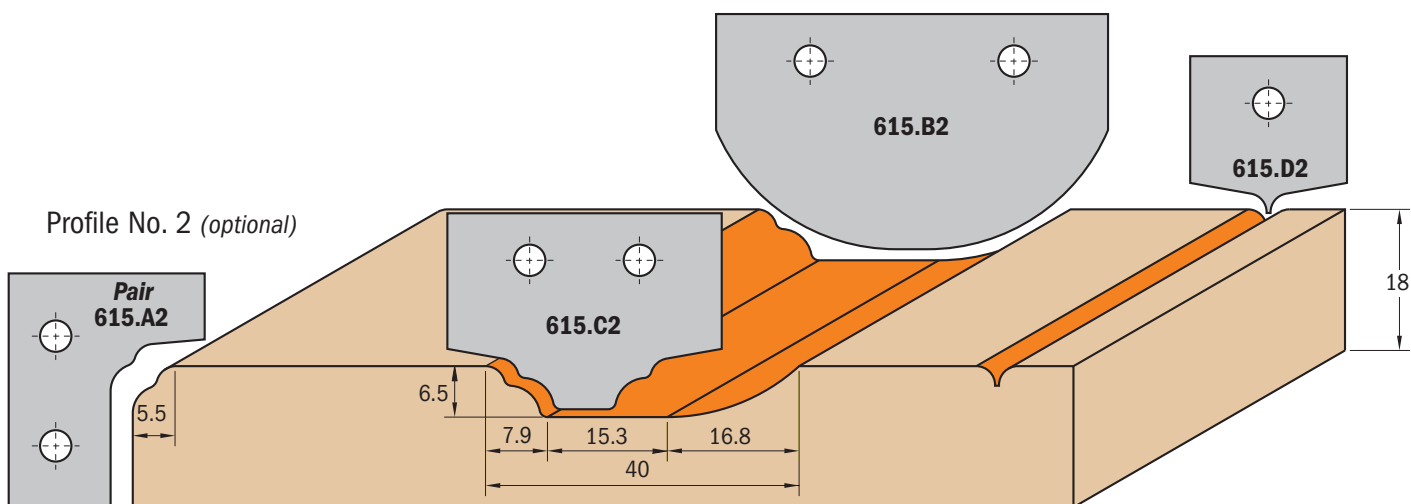


DESCRIPTION

ORDER NO.
S=Ø20mm

Complete set for MDF doors (Profile no. 1)

615.004.01



Drawings are 1:1 scale

Slot and mortise boring bits

HW Z2 RH



163

D mm	L mm	S	ORDER NO. Right-hand rotation
12	100	M12x1	163.120.11
14	100	M12x1	163.140.11
16	100	M12x1	163.160.11

TECHNICAL DETAILS:

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

APPLICATION: used for cutting mortises and slots in solid wood and wood composites. Assembled in chucks.

163

HL Z2 RH

D mm	L mm	S	ORDER NO. Right-hand rotation
12	100	M12x1	163.120.31
14	100	M12x1	163.140.31
16	100	M12x1	163.160.31
18	100	M12x1	163.180.31

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 precision ground HL cutting edges (Z2)

APPLICATION: used for cutting mortises and slots in solid wood and wood composites. Assembled in chucks.

Slot and mortise boring bits



164

HW Z2 V2 RH

D mm	L mm	S	ORDER NO. Right-hand rotation
18	100	M12x1	164.180.11
20	100	M12x1	164.200.11
22	100	M12x1	164.220.11

TECHNICAL DETAILS:

- Super strength steel
- HW cutting head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)

APPLICATION: used for drilling blind holes in solid wood, wood composites, plastic and laminated materials. Used on slot and mortise machines equipped with chucks.

164

HL Z2 V2 RH

D mm	L mm	S	ORDER NO. Right-hand rotation
15	100	M12x1	164.150.31
18	100	M12x1	164.180.31
20	100	M12x1	164.200.31
24	100	M12x1	164.240.31

TECHNICAL DETAILS:

- Long lasting cutter performance
- HL cutting head with precision balanced centre point
- 2 precision ground edges (Z2) - 2 ground spurs (V2)

APPLICATION: used for drilling blind holes in soft and hard wood. Used on slot and mortise machines equipped with chucks.

Slot and mortise boring bits



166-167



d mm	D mm	I mm	L mm	S	ORDER NO. Right-hand rotation
11	19	62	155	M12x1	166.190.11
11	22	62	155	M12x1	166.220.11
12	19	62	155	M12x1	167.190.11
12	24	62	155	M12x1	167.240.11

TECHNICAL DETAILS:

- Super strength steel
- 2+2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)

APPLICATION: used for drilling and cutting mortise slots in solid wood, wood composites, plastic and laminated materials.

Lockset bits



169



D mm	I mm	L mm	S	ORDER NO. Right-hand rotation
15	22	90	M12x1	169.150.31
18	22	90	M12x1	169.180.31
20	22	90	M12x1	169.200.31

TECHNICAL DETAILS:

- Long lasting cutter performance
- 3 precision ground HL cutting edges (Z3)

APPLICATION: used for cutting mortise slots in soft and hard wood. Used on slot and mortise machines equipped with chucks.

Slot mortising bits with chipbreaker



102

HL Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	50	105	16x50	102.060.31	102.060.32
7	55	110	16x50	102.070.31	102.070.32
8	60	115	16x50	102.080.31	102.080.32
9	65	120	16x50	102.090.31	102.090.32
10	70	125	16x50	102.100.31	102.100.32
11	75	130	16x50	102.110.31	102.110.32
12	80	135	16x50	102.120.31	102.120.32
13	85	140	16x50	102.130.31	102.130.32
14	90	145	16x50	102.140.31	102.140.32
15	95	150	16x50	102.150.31	102.150.32
16	100	155	16x50	102.160.31	102.160.32
17	105	160	16x50	102.170.31	102.170.32
18	110	165	16x50	102.180.31	102.180.32
19	115	170	16x50	102.190.31	102.190.32
20	120	175	16x50	102.200.31	102.200.32
22	125	180	16x50	102.220.31	102.220.32
24	125	180	16x50	102.240.31	102.240.32

172

HL Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	50	105	13x50	172.060.31	172.060.32
7	55	110	13x50	172.070.31	172.070.32
8	60	115	13x50	172.080.31	172.080.32
9	65	120	13x50	172.090.31	172.090.32
10	70	125	13x50	172.100.31	172.100.32
11	75	130	13x50	172.110.31	172.110.32
12	80	135	13x50	172.120.31	172.120.32
13	85	140	13x50	172.130.31	172.130.32
14	90	145	13x50	172.140.31	172.140.32
15	95	150	13x50	172.150.31	172.150.32
16	100	155	13x50	172.160.31	172.160.32
18	110	165	13x50	172.180.31	172.180.32
20	120	175	13x50	172.200.31	172.200.32

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 precision ground HL straight cutting edges with chip breaker teeth (Z2)

APPLICATION: for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

6 piece mortising bit set



102-172

HL Z2 RH LH

Ideal for heavy mortise jobs.

Made of super strength high speed steel and available in left hand or right hand rotation.

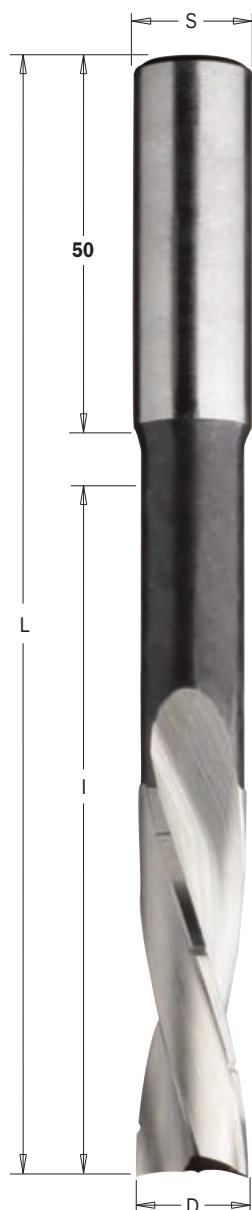
Safely packaged in a hardwood and glass box for protection, the six piece set is economical and a perfect addition to any workshop.

Ø16mm diameter shank for series 102.

Ø13mm diameter shank for series 172.

DESCRIPTION	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6 pcs. mortising bit set, shank Ø16mm (straight)	102.001.00	102.001.10
6 pcs. mortising bit set, shank Ø13mm (straight)	172.001.00	172.001.10

Twisted slot mortising bits with chipbreaker



161

SP Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	60	120	16x50	161.060.31	161.060.32
8	70	130	16x50	161.080.31	161.080.32
10	80	140	16x50	161.100.31	161.100.32
12	90	150	16x50	161.120.31	161.120.32
14	100	160	16x50	161.140.31	161.140.32
16	110	170	16x50	161.160.31	161.160.32

160

SP Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	60	120	13x50	160.060.31	160.060.32
8	70	130	13x50	160.080.31	160.080.32
10	80	140	13x50	160.100.31	160.100.32
12	90	150	13x50	160.120.31	160.120.32
14	100	160	13x50	160.140.31	160.140.32
16	110	170	13x50	160.160.31	160.160.32

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 precision ground SP twisted cutting edges with chip breaker teeth (Z2)

APPLICATION: for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

6 piece mortising bit set



160-161

SP Z2 RH LH

Ideal for heavy mortise jobs.

Made of super strength high speed steel and available in left hand or right hand rotation.

Safely packaged in a hardwood and glass box for protection, the six piece set is economical and a perfect addition to any workshop.

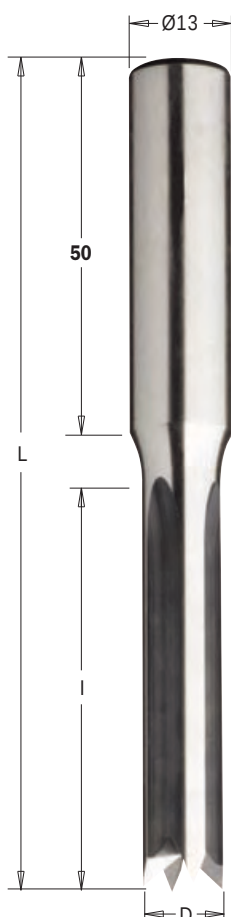
Ø16mm diameter shank for series 161.

Ø13mm diameter shank for series 160.

DESCRIPTION	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6 pcs. mortising bit set, shank Ø16mm (twist)	161.001.00	161.001.10
6 pcs. mortising bit set, shank Ø13mm (twist)	160.001.00	160.001.10

Reciprocating slot mortising bits

HL Z4 RH LH



104

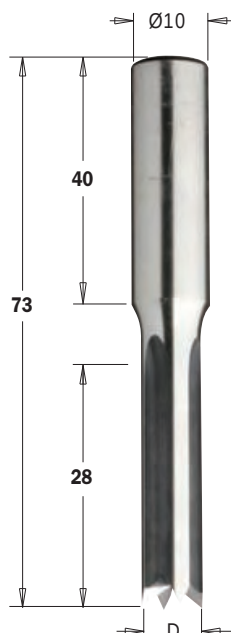
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation	
6	45	100	13x50	104.060.30	
7	45	100	13x50	104.070.30	
8	45	100	13x50	104.080.30	
9	45	100	13x50	104.090.30	
10	55	110	13x50	104.100.30	
11	55	110	13x50	104.110.30	
12	55	110	13x50	104.120.30	
13	55	110	13x50	104.130.30	
14	55	110	13x50	104.140.30	
15	55	110	13x50	104.150.30	
16	55	110	13x50	104.160.30	

TECHNICAL DETAILS:

- Long lasting cutter performance
- 4 precision ground HL cutting edges (Z4)

APPLICATION: used for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

Reciprocating slot mortising bits



105

HL Z4 RH LH

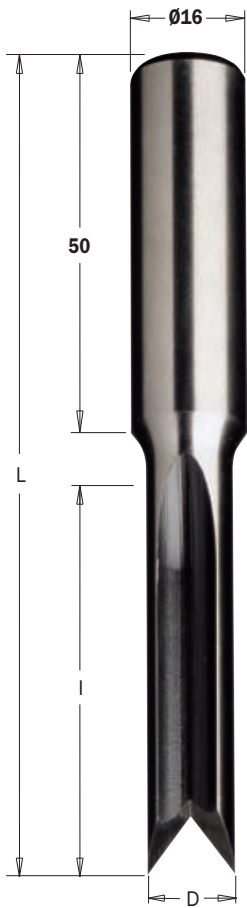
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation	
6	28	73	10x40	105.060.30	
7	28	73	10x40	105.070.30	
8	28	73	10x40	105.080.30	
9	28	73	10x40	105.090.30	
10	28	73	10x40	105.100.30	
11	28	73	10x40	105.110.30	
12	28	73	10x40	105.120.30	
13	28	73	10x40	105.130.30	
14	28	73	10x40	105.140.30	
15	28	73	10x40	105.150.30	
16	28	73	10x40	105.160.30	

TECHNICAL DETAILS:

- Long lasting cutter performance
- 4 precision ground HL cutting edges (Z4)

APPLICATION: used for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

Reciprocating slot mortising bits



103

HL Z2 RH LH

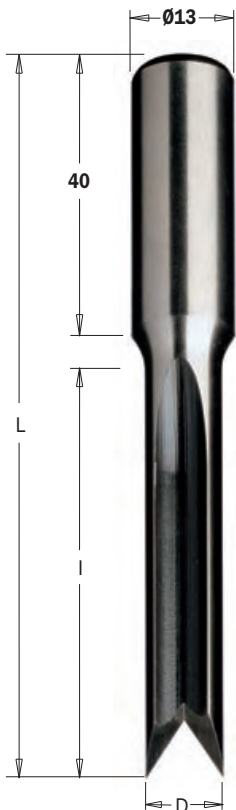
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation	
6	45	100	16x50	103.060.30	
7	45	100	16x50	103.070.30	
8	45	100	16x50	103.080.30	
9	45	100	16x50	103.090.30	
10	55	110	16x50	103.100.30	
11	55	110	16x50	103.110.30	
12	55	110	16x50	103.120.30	
13	55	110	16x50	103.130.30	
14	55	110	16x50	103.140.30	
15	55	110	16x50	103.150.30	
16	55	110	16x50	103.160.30	

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 precision ground HL cutting edges (Z2)

APPLICATION: used for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

Reciprocating slot mortising bits



179

HL Z2 RH LH

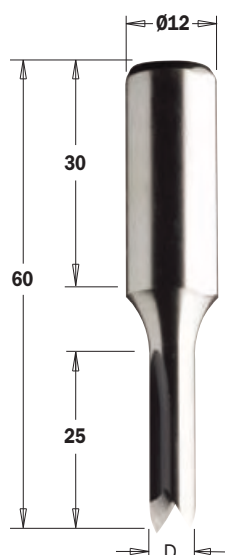
D mm	I mm	L mm	S mm	ORDER NO. Right-hand & Left-hand rotation	
6	45	90	13x40	179.060.50	
7	50	95	13x40	179.070.50	
8	50	95	13x40	179.080.50	
9	55	100	13x40	179.090.50	
10	60	105	13x40	179.100.50	
11	65	110	13x40	179.110.50	
12	70	115	13x40	179.120.50	
13	75	120	13x40	179.130.50	

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 precision ground HS cutting edges (Z2)

APPLICATION: used for cutting mortise slots in soft and hard wood.
Used on machining centres equipped with chucks.

Reciprocating slot mortising bits



106

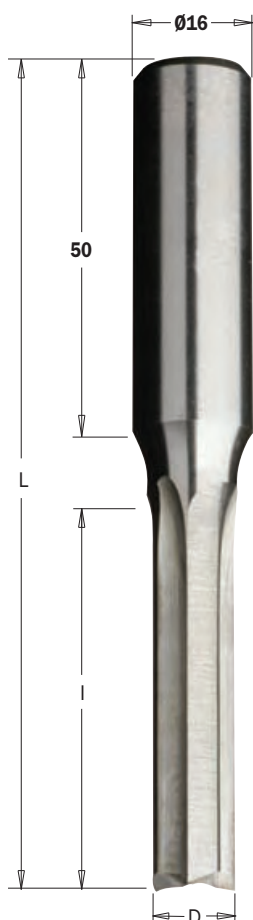
HL Z2 Z4 RH LH

D mm	I mm	L mm	S mm	Z	ORDER NO. Right-hand & Left-hand rotation
6	25	60	12x30	2	106.060.30
7	25	60	12x30	2	106.070.30
8	25	60	12x30	2	106.080.30
9	25	60	12x30	2	106.090.30
10	25	60	12x30	4	106.100.30
11	25	60	12x30	4	106.110.30
12	25	60	12x30	4	106.120.30
13	25	60	12x30	4	106.130.30
14	25	60	12x30	4	106.140.30
15	25	60	12x30	4	106.150.30

TECHNICAL DETAILS:

- Long lasting cutter performance
- 2 or 4 precision ground HL cutting edges [Z2-Z4]

Slot mortising bits



107

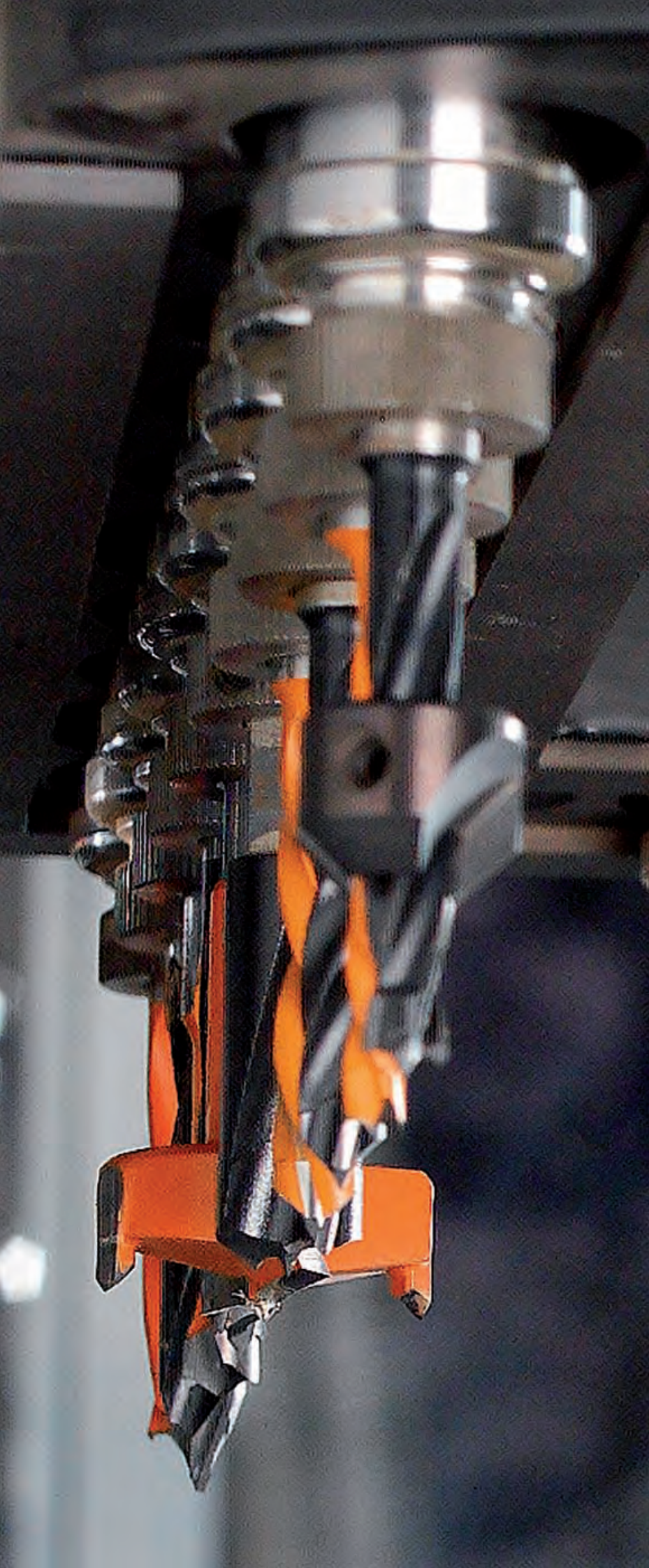
HL Z3 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
6	55	110	16x50	107.060.31	107.060.32
8	55	110	16x50	107.080.31	107.080.32
10	55	110	16x50	107.100.31	107.100.32
12	55	110	16x50	107.120.31	107.120.32
14	60	115	16x50	107.140.31	107.140.32
16	60	115	16x50	107.160.31	107.160.32
18	60	115	16x50	107.180.31	107.180.32
20	60	115	16x50	107.200.31	107.200.32

TECHNICAL DETAILS:

- Long lasting cutter performance
- 3 precision ground HL cutting edges (Z3)

APPLICATION: used for cutting mortise slots in soft and hard wood.
Used in machining centres equipped with chucks.



Industrial dowel drills

Products	Page
Adaptors	206~208
XTreme boring bits	209~213
Solid Carbide twist drills	214~215
2 Flute dowel drills	216~217
4 Flute dowel drills	218~220
Dowel drills with countersink	221
Through holes dowel drills	222~223
Countersinks	224
Hinge boring bits	225~226
Dowel drills with threaded shank	227~229

RH LH



301

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M8	301.080.01	301.080.02
10	19,5	M8	301.000.01	301.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:
Nottmeyer (older models)



302

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M10	302.080.01	302.080.02
10	19,5	M10	302.000.01	302.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:
Ayen, Holzma, Knoevenagel, Mayer, Torwegge



303

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M10/30°	303.080.01	303.080.02
10	19,5	M10/30°	303.000.01	303.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:
Alberti (older models)
Balestrini, Bilek, Busellato (older models)
Schleicher, Vitap (older models)



304

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M8/20° 48'	304.080.01	304.080.02
10	19,5	M8/20° 48'	304.000.01	304.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:
Balestrini, Bilek



305

RH LH

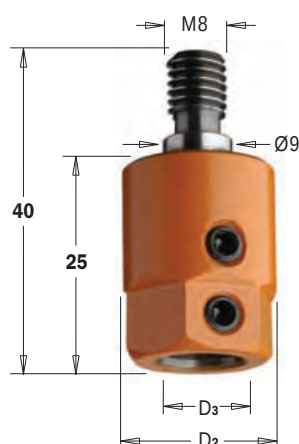
D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M10/11	305.080.01	305.080.02
10	19,5	M10/11	305.000.01	305.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:

Biesse (older models)
Masterwood (Zangheri & Boschetti)
Morbidelli, Torwegge, Vitap (new design)
Weeke



358

RH LH

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
8	16	M8/9	358.080.01	358.080.02
10	19,5	M8/9	358.000.01	358.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:

Masterwood (Zangheri & Boschetti)
Morbidelli, Nottmeyer (new design)



359

RH LH

D ₃ mm	D ₂ mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
10	19,5	M10	359.000.01	359.000.02

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For use on the following machines:

Scheer



360.001

RH LH

D ₃ mm	D ₂ mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
10	20	360.001.01	360.001.02

Spare parts

Screw M6x6	990.007.00
Allen key 3mm	991.067.00

For use on the following machines:

For Biesse machines with quick drill change attachment



360.101

D ₃ mm	D ₂ mm				ORDER NO. Right-hand & Left-hand rotation
10	18				360.101.00

Spare parts

Screw M5x4	990.015.00
Allen key 2,5mm	991.062.00

Drill holder for Vitap machines



360.201

new

D ₃ mm	D ₂ mm				ORDER NO. Right-hand & Left-hand rotation
10	19,25				360.201.00

Spare parts

Screw M5x4	990.015.00
Allen key 2,5mm	991.062.00

Drill holder for Morbidelli machines



360.301

new

D ₃ mm	D ₂ mm				ORDER NO. Right-hand & Left-hand rotation
10	19,4				360.301.00

Spare parts

Screw M5x4	990.015.00
Allen key 2,5mm	991.062.00

Drill holder for Masterwood machines

TECHNICAL DETAILS:

- High precision - total reliability
- Perfectly centred
- Rotation defect-free
- Super-strength steel
- Precision relief on all surfaces
- Quick drill change
- Adaptable to a variety of different spindle nose designs

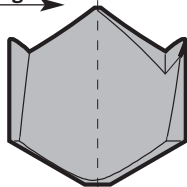


X TREME BORING BITS

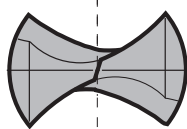
Setting a new standard for performance and value

NEW DOWN CUT ROUND SHARPENING

Angle edge



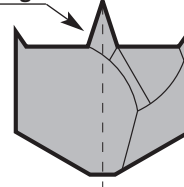
EXTRA-FINE MICROGRAIN CARBIDE



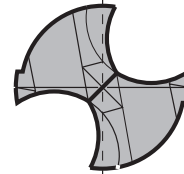
Reduced boring surface enabling
faster feed speed

STANDARD SHARPENING

Flat edge



STANDARD CARBIDE



Standard boring surface

Finest Industrial Quality Micrograin Carbide

CMT puts the finest quality at the cutting edge. Produced by Luxembourg's Ceratizit, CMT's carbide tips are selected from carbide grades which hold an edge longer and improve durability and impact resistance.

PT.FE. Coating

Our PTFE coating provides a non-stick surface that prevents residue accumulation on the bit. Baked on at 420° C, this unique, industrial strength material is specifically designed to meet the requirements of woodworking tools.

High-Strength Steel Body

The shanks and bodies of all our bits are machined from solid bar stock steel made by Von Moos Steel in Switzerland.

The primary mechanical properties are:

- superior strength
- high level uniformity
- minimal distortion
- exceptional resistance to fatigue and abrasion.

Micrograin Carbide Sharpening

The sharpening on the carbide cutting edge provides a 0.4μ/mm. micrograin finish. This is done on automated CNC machines that are equipped with as many as 6 axes for maximum accuracy.

Special metal shock resistant brazing

Micrograin carbide tips are applied with a special brazing compound. This allows a higher brazing temperature than other methods, and guarantees a solid bond of every tip on every bit.

Steel shank grinding

CMT grinds the steel shank to a micrograin finish of 0.8μ/mm. The smooth finish on the shank determines how well the drill fits into your machine. A rough grind results in a poor grip by the chuck and wobbly rotation.



Saw blades

Tools with bore
& Knives

Router Bits
& Sets

CNC Router Cutter
& Chucks

Industrial
Dowel Drills

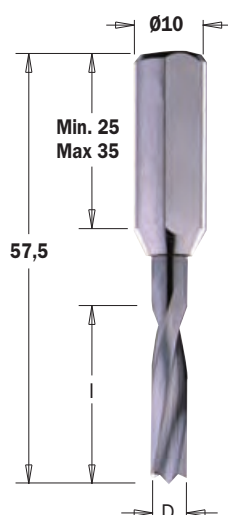
Bits for Hand
Power Tools

Spare Parts

Power Tools
& Accessories

Display Cabinets

Solid carbide dowel drills

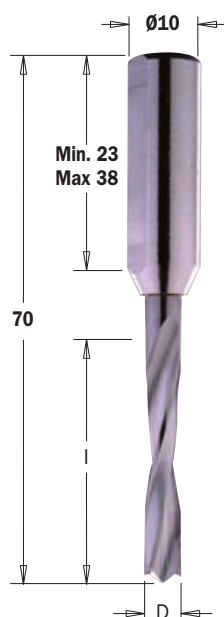


310.21/22



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	9	57,5	10x35	310.530.21	310.530.22
3	18	57,5	10x25	310.030.21	310.030.22
4	20	57,5	10x25	310.040.21	310.040.22
5	22	57,5	10x25	310.050.21	310.050.22
6	22	57,5	10x25	310.060.21	310.060.22
6,35 (1/4")	22	57,5	10x25	310.064.21	310.064.22
new 8	22	57,5	10x25	310.080.21	310.080.22

Solid carbide dowel drills



311.21/22



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	18	70	10x38	311.030.21	311.030.22
4	27	70	10x30	311.040.21	311.040.22
5	30	70	10x28	311.050.21	311.050.22
6	30	70	10x29	311.060.21	311.060.22
6,35 (1/4")	30	70	10x28	311.064.21	311.064.22
new 8	35	70	10x23	311.080.21	311.080.22

Spare parts

Screw M5x10	990.003.00
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TECHNICAL DETAILS:

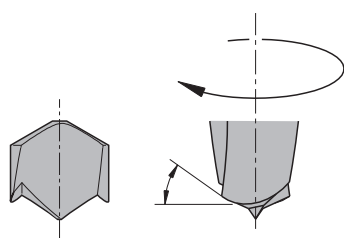
- Premium quality super-strength steel
- HWM spiral portion with centre point
- 2 cutting edges (Z2)
- 2 spiral flutes
- 2 curved, negatively ground spurs (V2)
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines alone or with chucks for drilling blind holes in solid wood, wood composites, plastic and laminated materials.

Perfect for all materials and long lasting performance

CMT announces the new series of solid carbide boring bits, now available from their extensive industrial line. These bits are entirely made of premium quality super micrograin carbide from Ceratizit in Luxembourg. The entire series offers several design features:

- The unique tip has curved, negatively ground spurs to produce exceptionally clean bores with no rough edges. Centre point balanced.
- The cylindrical head is bigger than traditional tips and is extremely resistant to prolonged use. Lasts longer between sharpenings.
- The plunge edge runs all the way to the centre of the bit to reduce drilling resistance and increase production speed.
- The solid carbide construction guarantees an almost infinite number of sharpenings, and because it is a solid unit of carbide, it offers an extra safety feature.
- Ideal for hard woods and difficult composites such as particle board, MDF and veneer.
- Excellent performance on high-speed boring units and CNC routers.



XTreme sharpening

314.21/22

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	40	70	10x20	314.040.21	314.040.22
5	40	70	10x20	314.050.21	314.050.22
6	40	70	10x20	314.060.21	314.060.22
8	40	70	10x20	314.080.21	314.080.22

Spare parts

Screw M5x8	990.008.00
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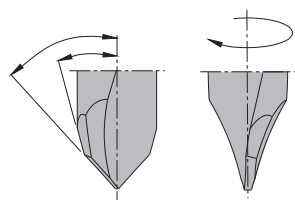
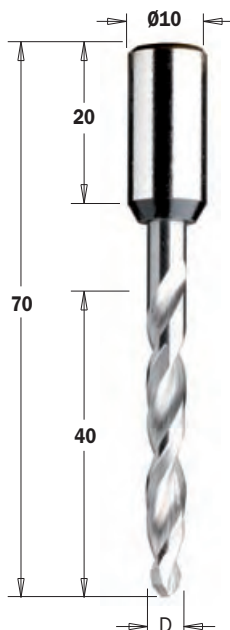
For panels with a 20-30mm maximum thickness

TECHNICAL DETAILS:

- Premium quality super-strength steel
- HWM spiral portion with centre point
- 2 precision ground cutting edges (Z2)
- Double angle
- 2 spiral flutes
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines and dowel drilling devices.

Use for drilling through holes in solid wood, wood composites, plastic and laminated materials.

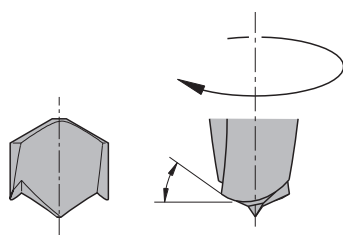
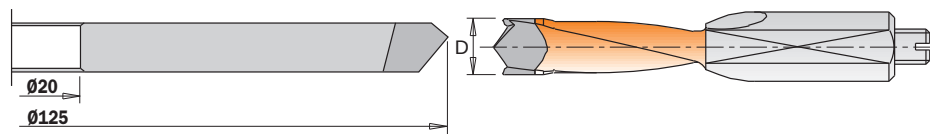


XTreme sharpening

Grinding wheels for XTreme sharpening

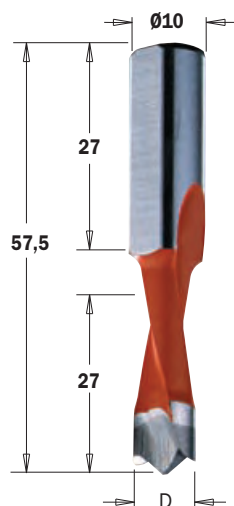
01.02

D mm	Description	Dimension mm	F mm	ORDER NO.
Ø3 to 7	Grinding wheel for re-sharpening	Ø125x5,5	Ø20	01.02.0316
Ø8 to 10	Grinding wheel for re-sharpening	Ø125x7	Ø20	01.02.0317



XTreme sharpening

Dowel drills

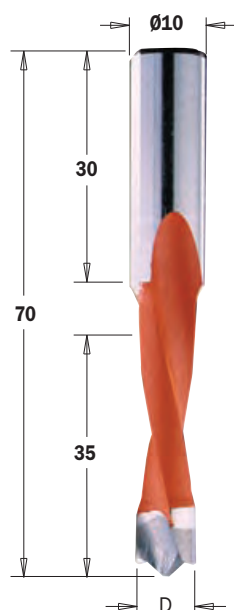


310.41/42



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	27	57,5	10x27	310.050.41	310.050.42
6	27	57,5	10x27	310.060.41	310.060.42
7	27	57,5	10x27	310.070.41	310.070.42
8	27	57,5	10x27	310.080.41	310.080.42
9	27	57,5	10x27	310.090.41	310.090.42
10	27	57,5	10x27	310.100.41	310.100.42

Dowel drills



311.41/42



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	35	70	10x30	311.050.41	311.050.42
6	35	70	10x30	311.060.41	311.060.42
7	35	70	10x30	311.070.41	311.070.42
8	35	70	10x30	311.080.41	311.080.42
9	35	70	10x30	311.090.41	311.090.42
10	35	70	10x30	311.100.41	311.100.42

Spare parts

Screw M5x10

990.003.00

TECHNICAL DETAILS:

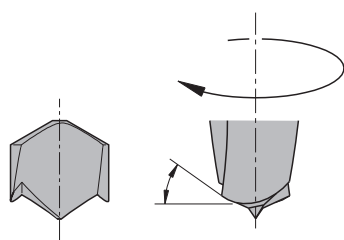
- Premium quality super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- Extra-fine micrograin carbide spiral portion with centre point
- 2 cutting edges (Z2)
- 2 spiral flutes
- 2 curved, negatively ground spurs (V2)
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines alone or with chucks for drilling blind holes in solid wood, wood composites, plastic and laminated materials.

Perfect for all materials and long lasting performance

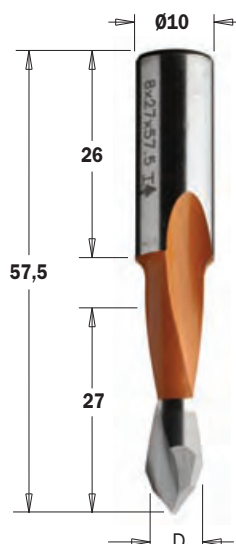
CMT announces the new series of solid carbide boring bits, now available from their extensive industrial line. These bits are entirely made of premium quality super micrograin carbide from Ceratizit in Luxembourg. The entire series offers several design features:

- The unique tip has curved, negatively ground spurs to produce exceptionally clean bores with no rough edges. Centre point balanced.
- The cylindrical head is bigger than traditional tips and is extremely resistant to prolonged use. Lasts longer between sharpenings.
- The plunge edge runs all the way to the centre of the bit to reduce drilling resistance and increase production speed.
- The solid carbide construction guarantees an almost infinite number of sharpenings, and because it is a solid unit of carbide, it offers an extra safety feature.
- Ideal for hard woods and difficult composites such as particle board, MDF and veneer.
- Excellent performance on high-speed boring units and CNC routers.



Xtreme sharpening

Dowel drills for through holes



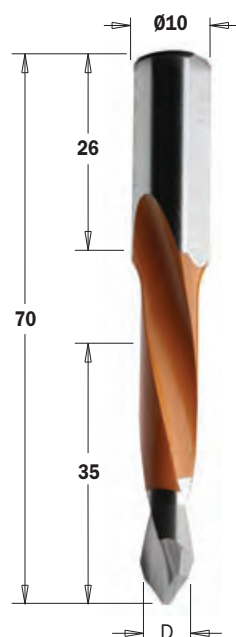
313.41/42



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	27	57,5	10x26	313.050.41	313.050.42
8	27	57,5	10x26	313.080.41	313.080.42

For panels with a 20mm maximum thickness

Dowel drills for through holes



314.41/42



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	35	70	10x26	314.050.41	314.050.42
8	35	70	10x26	314.080.41	314.080.42

Spare parts

Screw M5x10

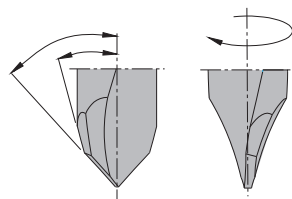
990.003.00

For panels with a 30mm maximum thickness

TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- Extra-fine micrograin carbide spiral portion with centre point
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- Double angle
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used on boring machines and dowel drilling devices. Use for drilling through holes in solid wood, wood composites, plastic and laminated materials.



XTreme sharpening

Perfect for all materials and long lasting performance

CMT announces the new series of solid carbide boring bits, now available from their extensive industrial line. These bits are entirely made of premium quality super micrograin carbide from Ceratizit in Luxembourg. The entire series offers several design features:

- The unique tip has double relief "V" sharpening.
- The cylindrical head is bigger than traditional tips and is extremely resistant to prolonged use. Lasts longer between sharpenings.
- The plunge edge runs all the way to the centre of the bit to reduce drilling resistance and increase production speed.
- The solid carbide construction guarantees an almost infinite number of sharpenings, and because it is a solid unit of carbide, it offers an extra safety feature.
- Ideal for hard woods and difficult composites such as particle board, MDF and veneer.
- Excellent performance on high-speed boring units and CNC routers.



364

D ₃ mm	L mm	S mm	ORDER NO.
2	38	10x20	364.020.00
2,5	38	10x20	364.025.00
3	38	10x20	364.030.00
3,2	38	10x20	364.032.00
3,5	38	10x20	364.035.00
4	38	10x20	364.040.00
4,5	38	10x20	364.045.00
5	38	10x20	364.050.00

Spare parts

Screw M5x5	990.001.00
Allen key 2,5mm	991.062.00

To use with the following items: 363 HW

TECHNICAL DETAILS:

- Super-strength steel
- Quick and secure assembly on twist drills
- Precision relief
- Parallel shank with driving flat and length adjusting screw

APPLICATION: for use with twist drills with common shank and bushing diameter.
Used on boring machines equipped with adaptor chucks.

Bushings for twist drills



365

D ₃ mm	L mm	S mm	ORDER NO.
2	23	10x23	365.020.00
2,5	23	10x23	365.025.00
3	23	10x23	365.030.00
3,2	23	10x23	365.032.00
3,5	23	10x23	365.035.00
4	23	10x23	365.040.00
4,5	23	10x23	365.045.00
5	23	10x23	365.050.00

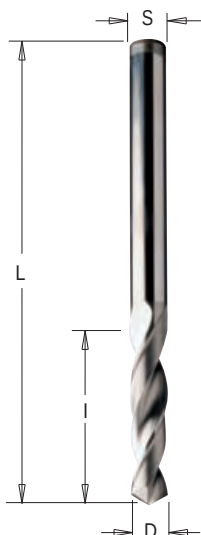
To use with the following items: 363 HW

TECHNICAL DETAILS:

- Super-strength steel
- Shank with driving flat
- Axial cuttings for cylindrical drill clamps

APPLICATION: used with spiral boring bits with shank diameters equal to the bushing diameter.
Used on boring machines equipped with adaptors.

Solid carbide twist drills “V” point 120° sharpening

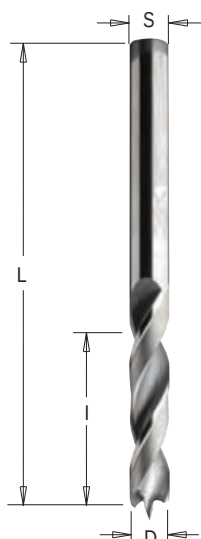


363

HWM Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
2	25	50	2	363.020.11	363.020.12
2,5	27	55	2,5	363.025.11	363.025.12
3	27	55	3	363.030.11	363.030.12
3,2	27	55	3,2	363.032.11	363.032.12
3,5	27	55	3,5	363.035.11	363.035.12
4	27	55	4	363.040.11	363.040.12
4,5	28	60	4,5	363.045.11	363.045.12
5	28	60	5	363.050.11	363.050.12

Solid carbide twist drills negatively ground spurs sharpening



363

HWM Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
2,5	27	55	2,5	363.025.21	363.025.22
3	27	55	3	363.030.21	363.030.22
4	27	55	4	363.040.21	363.040.22
5	28	60	5	363.050.21	363.050.22

To use with the following items: 364-365

TECHNICAL DETAILS:

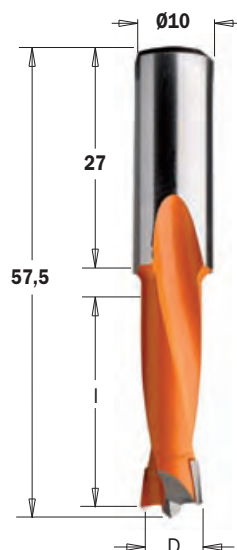
- Premium quality HWM
- 2 precision ground cutting edges (Z2)
- 2 spiral flutes
- Common shank and drilling diameter (S=D)

APPLICATION: used in adapter bushings.

Assembly Illustration



2 flute dowel drills

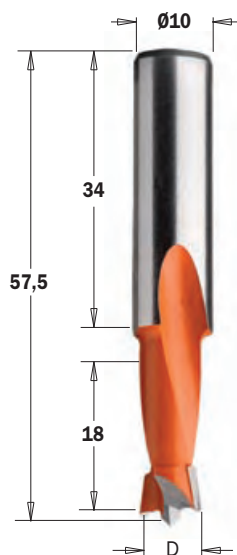


310



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	18	57,5	10x27	310.040.11	310.040.12
4,5	22	57,5	10x27	310.045.11	310.045.12
4,76	27	57,5	10x27	310.047.11	310.047.12
5	27	57,5	10x27	310.050.11	310.050.12
5,1	27	57,5	10x27	310.051.11	310.051.12
5,2	27	57,5	10x27	310.052.11	310.052.12
5,55	27	57,5	10x27	310.055.11	310.055.12
6	27	57,5	10x27	310.060.11	310.060.12
6,35	27	57,5	10x27	310.064.11	310.064.12
6,5	27	57,5	10x27	310.065.11	310.065.12
7	27	57,5	10x27	310.070.11	310.070.12
8	27	57,5	10x27	310.080.11	310.080.12
8,2	27	57,5	10x27	310.082.11	310.082.12
9	27	57,5	10x27	310.090.11	310.090.12
9,52	27	57,5	10x27	310.095.11	310.095.12
10	27	57,5	10x27	310.100.11	310.100.12
11	27	57,5	10x27	310.110.11	310.110.12
12	27	57,5	10x27	310.120.11	310.120.12
12,7	27	57,5	10x27	310.127.11	310.127.12
13	27	57,5	10x27	310.130.11	310.130.12
14	27	57,5	10x27	310.140.11	310.140.12
15	27	57,5	10x27	310.150.11	310.150.12
16	27	57,5	10x27	310.160.11	310.160.12
50 pcs. in masterpack				310.050.11-X50	310.050.12-X50

2 flute dowel drills



361



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	18	57,5	10x34	361.050.11	361.050.12
6	18	57,5	10x34	361.060.11	361.060.12
7	18	57,5	10x34	361.070.11	361.070.12
8	18	57,5	10x34	361.080.11	361.080.12
10	18	57,5	10x34	361.100.11	361.100.12

Spare parts

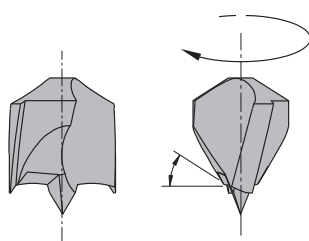
Screw M5x10	990.003.00
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TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

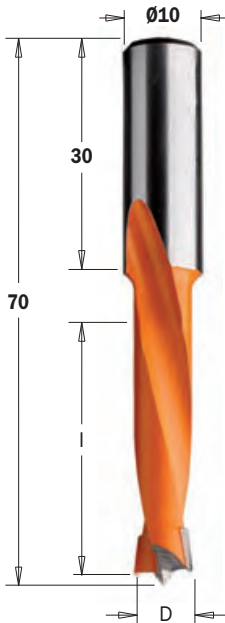
APPLICATION: used on boring machines equipped with adaptors or chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.



Negatively ground spurs

2 flute dowel drills

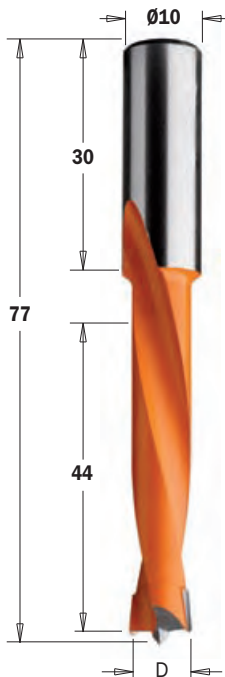


311



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	26	70	10x30	311.040.11	311.040.12
4,5	35	70	10x30	311.045.11	311.045.12
4,76	35	70	10x30	311.047.11	311.047.12
5	35	70	10x30	311.050.11	311.050.12
5,1	35	70	10x30	311.051.11	311.051.12
5,2	35	70	10x30	311.052.11	311.052.12
5,55	35	70	10x30	311.055.11	311.055.12
6	35	70	10x30	311.060.11	311.060.12
6,35	35	70	10x30	311.064.11	311.064.12
6,5	35	70	10x30	311.065.11	311.065.12
7	35	70	10x30	311.070.11	311.070.12
8	35	70	10x30	311.080.11	311.080.12
8,2	35	70	10x30	311.082.11	311.082.12
9	35	70	10x30	311.090.11	311.090.12
9,52	35	70	10x30	311.095.11	311.095.12
10	35	70	10x30	311.100.11	311.100.12
11	35	70	10x30	311.110.11	311.110.12
11,1	35	70	10x30	311.111.11	311.111.12
12	35	70	10x30	311.120.11	311.120.12
12,7	35	70	10x30	311.127.11	311.127.12
13	35	70	10x30	311.130.11	311.130.12
14	35	70	10x30	311.140.11	311.140.12
15	35	70	10x30	311.150.11	311.150.12
16	35	70	10x30	311.160.11	311.160.12

2 flute dowel drills



362



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	44	77	10x30	362.050.11	362.050.12
6	44	77	10x30	362.060.11	362.060.12
7	44	77	10x30	362.070.11	362.070.12
8	44	77	10x30	362.080.11	362.080.12
10	44	77	10x30	362.100.11	362.100.12
12	44	77	10x30	362.120.11	362.120.12

Spare parts

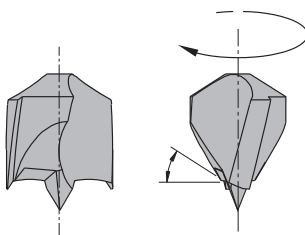
Screw M5x10	990.003.00
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TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

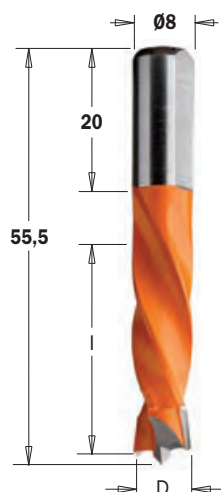
APPLICATION: used on boring machines equipped with adaptors or chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.



Negatively ground spurs

4 flute dowel drills



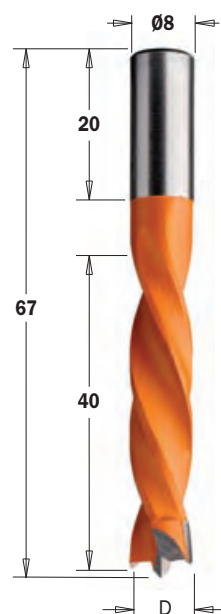
306



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
• 3	18	55,5	8x20	306.030.21	
5	30	55,5	8x20	306.050.11	306.050.12
5,55	30	55,5	8x20	306.055.11	306.055.12
6	30	55,5	8x20	306.060.11	306.060.12
6,35	30	55,5	8x20	306.064.11	306.064.12
7	30	55,5	8x20	306.070.11	306.070.12
8	30	55,5	8x20	306.080.11	306.080.12
9	30	55,5	8x20	306.090.11	306.090.12
10	30	55,5	8x20	306.100.11	306.100.12
12	30	55,5	8x20	306.120.11	306.120.12

• HWM

4 flute dowel drills



307



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	40	67	8x20	307.050.11	307.050.12
5,55	40	67	8x20	307.055.11	307.055.12
6	40	67	8x20	307.060.11	307.060.12
6,35	40	67	8x20	307.064.11	307.064.12
7	40	67	8x20	307.070.11	307.070.12
8	40	67	8x20	307.080.11	307.080.12
9	40	67	8x20	307.090.11	307.090.12
9,52	40	67	8x20	307.095.11	307.095.12
10	40	67	8x20	307.100.11	307.100.12
12	40	67	8x20	307.120.11	307.120.12

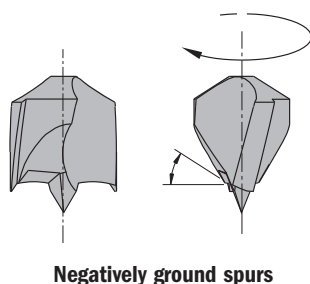
Spare parts

Screw M5x10	990.003.00
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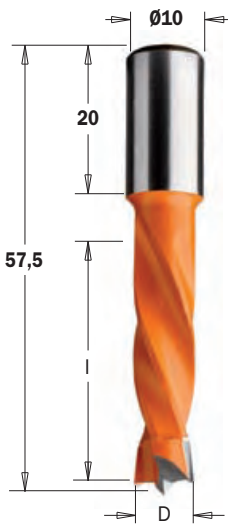
TECHNICAL DETAILS:

- Super-strength steel
- Cutter portion coated with black or orange P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- Negatively ground spurs (V2)
- 4 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used on boring machines equipped with adaptors or chucks.
Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.



4 flute dowel drills

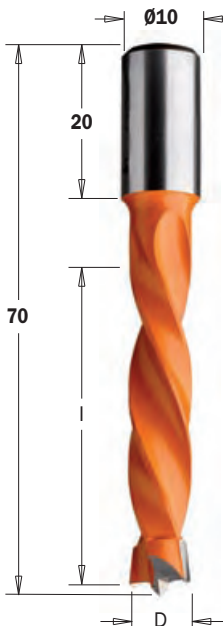


308



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	26	57,5	10x20	308.040.11	308.040.12
5	30	57,5	10x20	308.050.11	308.050.12
6	30	57,5	10x20	308.060.11	308.060.12
6,35	30	57,5	10x20	308.064.11	308.064.12
7	30	57,5	10x20	308.070.11	308.070.12
8	30	57,5	10x20	308.080.11	308.080.12
9	30	57,5	10x20	308.090.11	308.090.12
9,52	30	57,5	10x20	308.095.11	308.095.12
10	30	57,5	10x20	308.100.11	308.100.12
11	30	57,5	10x20	308.110.11	308.110.12
12	30	57,5	10x20	308.120.11	308.120.12
12,7	30	57,5	10x20	308.127.11	308.127.12
13	30	57,5	10x20	308.130.11	308.130.12
14	30	57,5	10x20	308.140.11	308.140.12
15	30	57,5	10x20	308.150.11	308.150.12
16	30	57,5	10x20	308.160.11	308.160.12

4 flute dowel drills



309



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	30	70	10x20	309.040.11	309.040.12
5	43	70	10x20	309.050.11	309.050.12
6	43	70	10x20	309.060.11	309.060.12
6,35	43	70	10x20	309.064.11	309.064.12
7	43	70	10x20	309.070.11	309.070.12
7,5	43	70	10x20	309.075.11	309.075.12
8	43	70	10x20	309.080.11	309.080.12
9	43	70	10x20	309.090.11	309.090.12
9,52	43	70	10x20	309.095.11	309.095.12
10	43	70	10x20	309.100.11	309.100.12
11	43	70	10x20	309.110.11	309.110.12
12	43	70	10x20	309.120.11	309.120.12
12,7	43	70	10x20	309.127.11	309.127.12
13	43	70	10x20	309.130.11	309.130.12
14	43	70	10x20	309.140.11	309.140.12
15	43	70	10x20	309.150.11	309.150.12
16	43	70	10x20	309.160.11	309.160.12

Spare parts

Screw M5x10

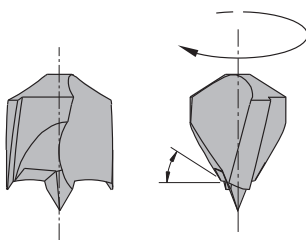
990.003.00

TECHNICAL DETAILS:

- Super-strength steel
- Cutter portion coated with black or orange P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- Negatively ground spurs (V2)
- 4 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

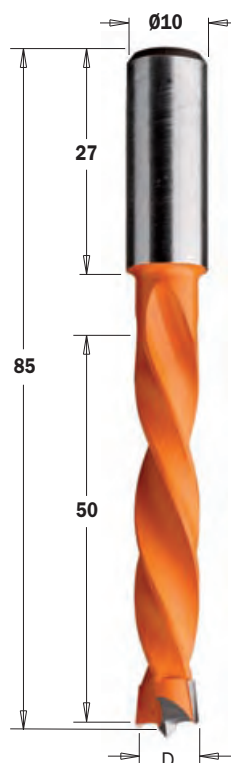
APPLICATION: used on boring machines equipped with adaptors or chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.



Negatively ground spurs

4 flute dowel drills

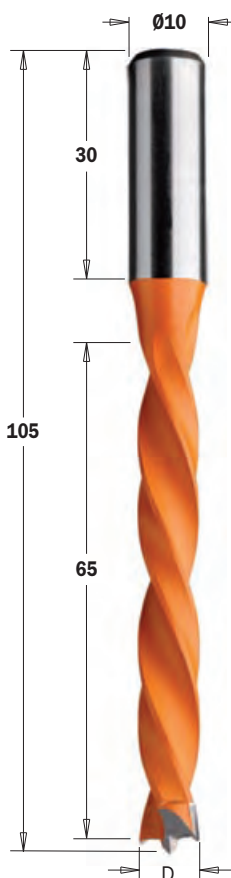


373



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	50	85	10x27	373.050.11	373.050.12
6	50	85	10x27	373.060.11	373.060.12
7	50	85	10x27	373.070.11	373.070.12
8	50	85	10x27	373.080.11	373.080.12
10	50	85	10x27	373.100.11	373.100.12
12	50	85	10x27	373.120.11	373.120.12

4 flute dowel drills



372



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	65	105	10x30	372.050.11	372.050.12
6	65	105	10x30	372.060.11	372.060.12
7	65	105	10x30	372.070.11	372.070.12
8	65	105	10x30	372.080.11	372.080.12
10	65	105	10x30	372.100.11	372.100.12
12	65	105	10x30	372.120.11	372.120.12

Spare parts

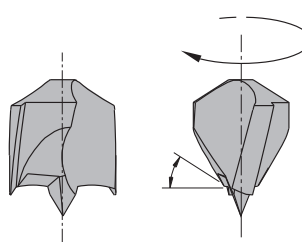
Screw M5x10

990.003.00

TECHNICAL DETAILS:

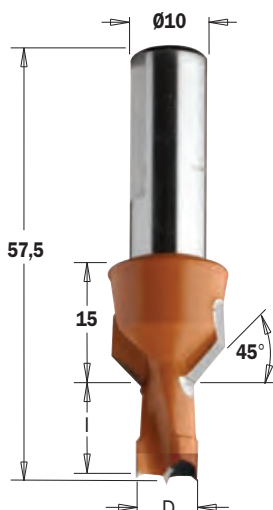
- Super-strength steel
- Cutter portion coated with black or orange P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- Negatively ground spurs (V2)
- 4 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used on boring machines equipped with adaptors or chucks.
Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.



Negatively ground spurs

Dowel drills with countersink

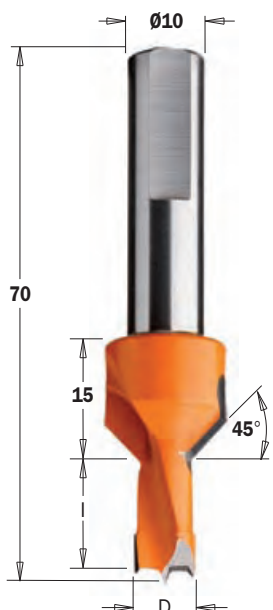


376

HW Z2+2 V2 RH LH

	D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
	8	12	57,5	10	376.080.11	376.080.12
new	8	13	57,5	10	376.083.11	376.083.12
	8	15	57,5	10	376.081.11	376.081.12
	8	20	57,5	10	376.082.11	376.082.12
	10	12	57,5	10	376.100.11	376.100.12
new	10	13	57,5	10	376.103.11	376.103.12
	10	15	57,5	10	376.101.11	376.101.12
	10	20	57,5	10	376.102.11	376.102.12

Dowel drills with countersink



377

HW Z2+2 V2 RH LH

	D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
	8	12	70	10	377.080.11	377.080.12
new	8	13	70	10	377.083.11	377.083.12
	8	15	70	10	377.081.11	377.081.12
	8	20	70	10	377.082.11	377.082.12
	10	12	70	10	377.100.11	377.100.12
new	10	13	70	10	377.103.11	377.103.12
	10	15	70	10	377.101.11	377.101.12
	10	20	70	10	377.102.11	377.102.12

Spare parts

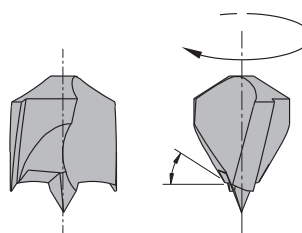
Screw M5x10

990.003.00

TECHNICAL DETAILS:

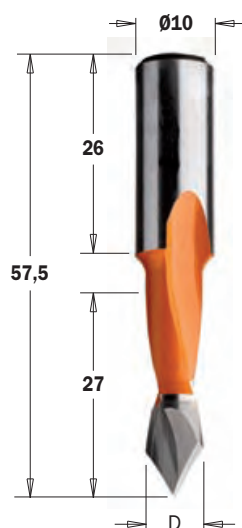
- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2+2 precision ground HW cutting edges (Z2+2)
- 2 negatively ground spurs (V2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used for drilling and countersinking in solid wood, wood composites, plastic and laminated materials. Suitable for high performance speed on boring machines equipped with adaptors or chucks.



Negatively ground spurs

2 flute dowel drills for through holes



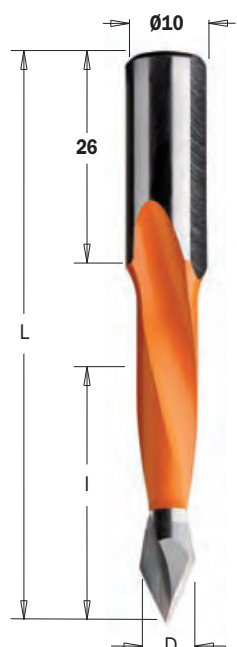
313

HW Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	27	57,5	10x26	313.050.11	313.050.12
6	27	57,5	10x26	313.060.11	313.060.12
8	27	57,5	10x26	313.080.11	313.080.12
10	27	57,5	10x26	313.100.11	313.100.12

For panels with a 20mm maximum thickness

2 flute dowel drills for through holes



314

HW Z2 RH LH

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	30	70	10x26	314.040.11	314.040.12
4,76	35	70	10x26	314.047.11	314.047.12
5	35	70	10x26	314.050.11	314.050.12
5,55	35	70	10x26	314.055.11	314.055.12
6	35	70	10x26	314.060.11	314.060.12
6,35	35	70	10x26	314.064.11	314.064.12
7	35	70	10x26	314.070.11	314.070.12
8	35	70	10x26	314.080.11	314.080.12
9	35	70	10x26	314.090.11	314.090.12
9,52	35	70	10x26	314.095.11	314.095.12
10	35	70	10x26	314.100.11	314.100.12
12	35	70	10x26	314.120.11	314.120.12
12,7	35	70	10x26	314.127.11	314.127.12

For panels with a 25-30mm maximum thickness

366

5	44	77	10x26	366.050.11	366.050.12
6	44	77	10x26	366.060.11	366.060.12
8	44	77	10x26	366.080.11	366.080.12
10	44	77	10x26	366.100.11	366.100.12
12	44	77	10x26	366.120.11	366.120.12

Spare parts

Screw M5x10

990.003.00

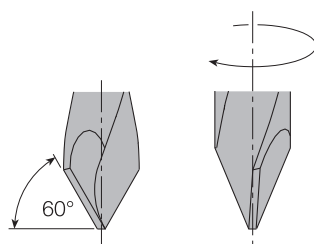
For panels with a 40mm maximum thickness

TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

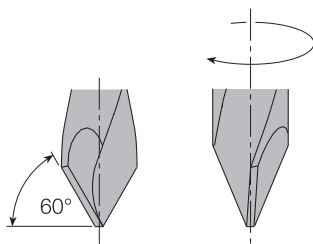
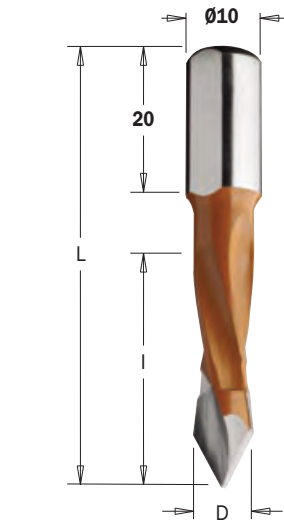
APPLICATION: used on boring machines and dowel drilling devices.

Use for drilling through holes in solid wood, wood composites, plastic and laminated materials.



Through holes 60°

4 flute dowel drills for through holes



Through holes 60°

374



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	30	57,5	10x20	374.050.11	374.050.12
8	30	57,5	10x20	374.080.11	374.080.12

For panels with a 20-25mm maximum thickness

375

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	40	70	10x20	375.050.11	375.050.12
6	40	70	10x20	375.060.11	375.060.12
7	40	70	10x20	375.070.11	375.070.12
8	40	70	10x20	375.080.11	375.080.12
10	40	70	10x20	375.100.11	375.100.12

Spare parts

Screw M5x10

990.003.00

For panels with a 30-35mm maximum thickness

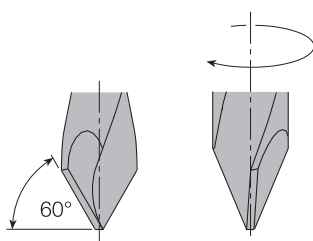
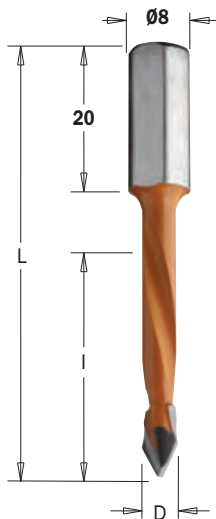
TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 4 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used on boring machines and dowel drilling devices.

Use for drilling through holes in solid wood, wood composites, plastic and laminated materials.

2 flute dowel drills for through holes



Through holes 60°

367



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	30	56	8x20	367.050.11	367.050.12
8	30	56	8x20	367.080.11	367.080.12

For panels with a 20-25mm maximum thickness

368

D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	43	70	8x20	368.050.11	368.050.12
6	43	70	8x20	368.060.11	368.060.12
7	43	70	8x20	368.070.11	368.070.12
8	43	70	8x20	368.080.11	368.080.12

Spare parts

Screw M5x10

990.003.00

For panels with a 30-35mm maximum thickness

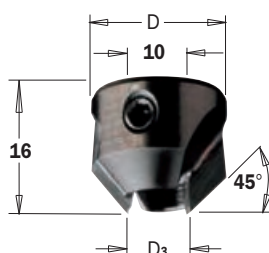
TECHNICAL DETAILS:

- Super-strength steel
- Spiral portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: used on boring machines and dowel drilling devices.

Use for drilling through holes in solid wood, wood composites, plastic and laminated materials.

Countersink for 2 flutes dowel drills


315


D ₂ mm	D mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5 to 10	20		315.200.11	315.200.12
11 to 12	22		315.220.11	315.220.12

Spare parts

Screw M5x5	990.006.00
Allen key 2,5mm	991.062.00

For assembly on the shank of the drill.

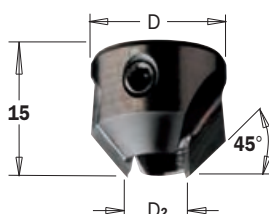
For use with the following parts: 310-311-362-313-314-366 HW

TECHNICAL DETAILS:

- Super-strength steel
- 2 precision ground carbide tipped cutting edges (Z2)
- Clamp directly on to the shank of the drills.

APPLICATION: used for chamfering and drilling in solid wood, wood composites, plastic and laminated materials.

Countersink for 4 flutes dowel drills


316


D ₂ mm	D mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
4	16		316.040.11	316.040.12
5	16		316.050.11	316.050.12
6	16		316.060.11	316.060.12
7	16		316.070.11	316.070.12
8	18		316.080.11	316.080.12
9	18		316.090.11	316.090.12
10	20		316.100.11	316.100.12
12	20		316.120.11	316.120.12

For assembly on the spiral head of the bit.
Adjustable depth.

For use with the following parts:

306-307-308-309-373-374-375-338-339-340-341-342-343-344-346-352-353 HW

TECHNICAL DETAILS:

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

APPLICATION: used for drilling and chamfering in solid wood, wood composites, plastic and laminated materials.

Spare parts

Screw M5x5	990.002.00
Allen key 2,5mm	991.062.00

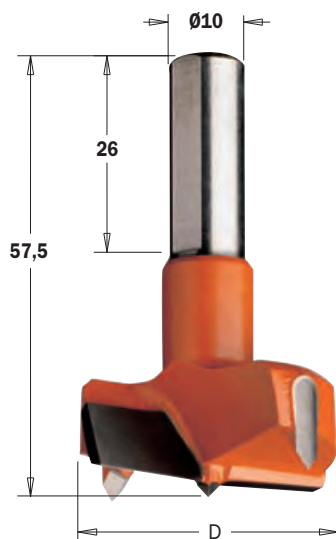
Assembly Illustration 315



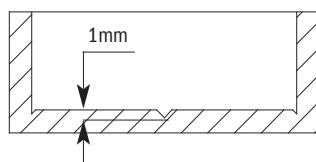
Assembly Illustration 316



Hinge boring bits



New construction with
1mm centre point



317

HW Z2 V2 RH LH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
14	57,5	10x26	317.140.11	317.140.12
15	57,5	10x26	317.150.11	317.150.12
16	57,5	10x26	317.160.11	317.160.12
17	57,5	10x26	317.170.11	317.170.12
18	57,5	10x26	317.180.11	317.180.12
19	57,5	10x26	317.190.11	317.190.12
20	57,5	10x26	317.200.11	317.200.12
22	57,5	10x26	317.220.11	317.220.12
24	57,5	10x26	317.240.11	317.240.12
25	57,5	10x26	317.250.11	317.250.12
26	57,5	10x26	317.260.11	317.260.12
28	57,5	10x26	317.280.11	317.280.12
30	57,5	10x26	317.300.11	317.300.12
32	57,5	10x26	317.320.11	317.320.12
34	57,5	10x26	317.340.11	317.340.12
35	57,5	10x26	317.350.11	317.350.12
38	57,5	10x26	317.380.11	317.380.12
40	57,5	10x26	317.400.11	317.400.12

TECHNICAL DETAILS:

- Super-strength steel
- Cutter portion coated with orange or black PT.FE.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: ideal for hinges. Use on boring machines equipped with adaptors or chucks. Use for drilling accurate and clean-cut blind holes in solid wood, wood composites, plastic and laminated materials.

Hinge boring bits



317

DP Z2 V2 RH LH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
15	57,5	10x26	317.150.61	317.150.62
35	57,5	10x26	317.350.61	317.350.62

369

DP Z2 V2 RH LH

D mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
15	70	10x26	369.150.61	369.150.62
35	70	10x26	369.350.61	369.350.62

TECHNICAL DETAILS:

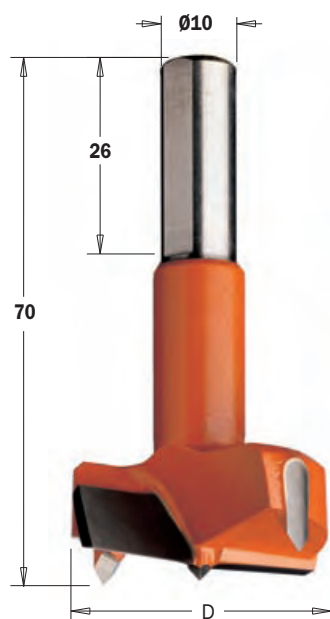
- Super-strength steel
- DP head with precision balanced centre point
- 2 precision ground DP cutting edges (Z2)
- 2 negatively ground DP spurs (V2)
- Parallel shank with driving flat and length adjusting screw.

APPLICATION: ideal for hinges. Use on boring machines equipped with adaptors or chucks. Use for drilling accurate and clean-cut blind holes in wood composites, plastic and laminated materials. Long lasting boring performance 20 times comparing to HW material.

REMARK: special diameter available on request.

Hinge boring bits

HW Z2 V2 RH LH

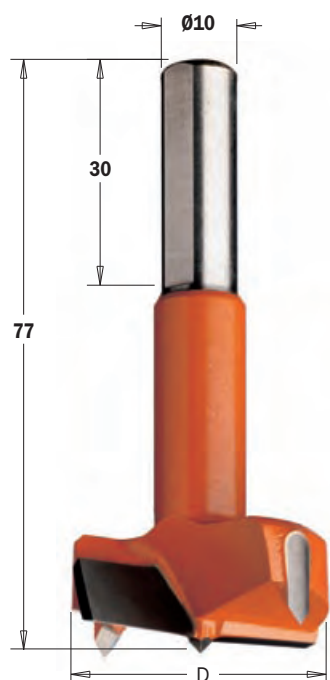


369

D mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
14	70	10x26	369.140.11	369.140.12
15	70	10x26	369.150.11	369.150.12
16	70	10x26	369.160.11	369.160.12
18	70	10x26	369.180.11	369.180.12
20	70	10x26	369.200.11	369.200.12
22	70	10x26	369.220.11	369.220.12
25	70	10x26	369.250.11	369.250.12
26	70	10x26	369.260.11	369.260.12
30	70	10x26	369.300.11	369.300.12
35	70	10x26	369.350.11	369.350.12
40	70	10x26	369.400.11	369.400.12

Hinge boring bits

HW Z2 V2 RH LH



370

D mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
18	77	10x30	370.180.11	370.180.12
20	77	10x30	370.200.11	370.200.12
25	77	10x30	370.250.11	370.250.12
30	77	10x30	370.300.11	370.300.12
35	77	10x30	370.350.11	370.350.12

Spare parts

Screw M5x10

990.003.00

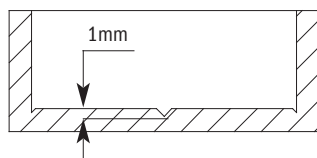
TECHNICAL DETAILS:

- Super-strength steel
- Cutter portion coated with orange or black P.T.F.E.
- HW head with precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 negatively ground spurs (V2)
- Parallel shank with driving flat and length adjusting screw.

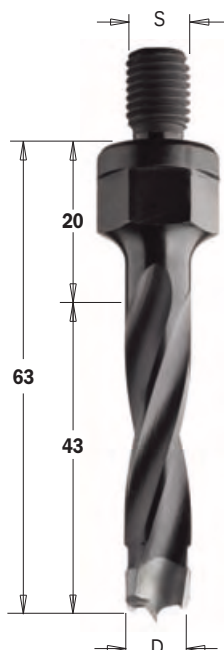
APPLICATION: ideal for hinges. Use on boring machines equipped with adaptors or chucks.

Use for drilling accurate and clean-cut blind holes in solid wood, wood composites, plastic and laminated materials.

New construction with
1mm centre point



Dowel drills with threaded shank



344

HW Z2 V2 RH LH

D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	43	63	M8	344.050.11	344.050.12
6	43	63	M8	344.060.11	344.060.12
8	43	63	M8	344.080.11	344.080.12
10	43	63	M8	344.100.11	344.100.12
12	43	63	M8	344.120.11	344.120.12

FOR USE ON THE FOLLOWING MACHINES:
Nottmeyer (older models)

346

HW Z2 V2 RH LH

D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	43	63	M10	346.050.11	346.050.12
6	43	63	M10	346.060.11	346.060.12
8	43	63	M10	346.080.11	346.080.12
10	43	63	M10	346.100.11	346.100.12
12	43	63	M10	346.120.11	346.120.12

FOR USE ON THE FOLLOWING MACHINES:
Ayen, Holzma, Knoevenagel, Mayer, Torwegge

TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 ground spurs (V2)
- 4 spiral flutes

APPLICATION: used on boring machines equipped with chucks.
Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

Dowel drills with threaded shank



352-353

HW Z2 V2 RH LH

D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	30	45	M8/9	352.050.11	352.050.12
6	30	45	M8/9	352.060.11	352.060.12
8	30	45	M8/9	352.080.11	352.080.12
10	30	45	M8/9	352.100.11	352.100.12
12	30	45	M8/9	352.120.11	352.120.12

5	40	55	M8/9	353.050.11	353.050.12
6	40	55	M8/9	353.060.11	353.060.12
8	40	55	M8/9	353.080.11	353.080.12
10	40	55	M8/9	353.100.11	353.100.12
12	40	55	M8/9	353.120.11	353.120.12

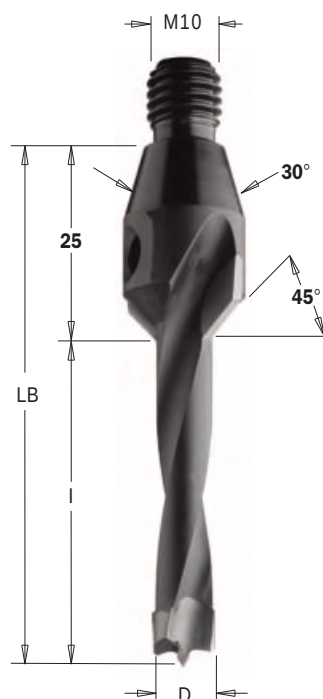
FOR USE ON THE FOLLOWING MACHINES:
Masterwood (Zangheri & Boschetti)
Morbideilli, Nottmeyer (new design)

TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 ground spurs (V2)
- 4 spiral flutes

APPLICATION: used on boring machines equipped with chucks.
Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

Dowel drills with threaded shank with countersink



332-334-336-337

D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	20	45	M10/30°	332.050.11	332.050.12
6	20	45	M10/30°	332.060.11	332.060.12
8	20	45	M10/30°	332.080.11	332.080.12
10	20	45	M10/30°	332.100.11	332.100.12
12	20	45	M10/30°	332.120.11	332.120.12
5	30	55	M10/30°	334.050.11	334.050.12
6	30	55	M10/30°	334.060.11	334.060.12
8	30	55	M10/30°	334.080.11	334.080.12
10	30	55	M10/30°	334.100.11	334.100.12
12	30	55	M10/30°	334.120.11	334.120.12
5	40	65	M10/30°	336.050.11	336.050.12
6	40	65	M10/30°	336.060.11	336.060.12
8	40	65	M10/30°	336.080.11	336.080.12
10	40	65	M10/30°	336.100.11	336.100.12
12	40	65	M10/30°	336.120.11	336.120.12
5	50	75	M10/30°	337.050.11	337.050.12
6	50	75	M10/30°	337.060.11	337.060.12
8	50	75	M10/30°	337.080.11	337.080.12
10	50	75	M10/30°	337.100.11	337.100.12
12	50	75	M10/30°	337.120.11	337.120.12

TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2+2 precision ground cutting edge [Z2]
- 2 ground spurts (V2)
- 2 spiral flutes

APPLICATION: used on boring machines equipped with chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

Dowel drills with threaded shank without countersink



341-342-343



D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	30	55	M10/30°	341.050.11	341.050.12
6	30	55	M10/30°	341.060.11	341.060.12
8	30	55	M10/30°	341.080.11	341.080.12
10	30	55	M10/30°	341.100.11	341.100.12
12	30	55	M10/30°	341.120.11	341.120.12
5	40	65	M10/30°	342.050.11	342.050.12
6	40	65	M10/30°	342.060.11	342.060.12
8	40	65	M10/30°	342.080.11	342.080.12
10	40	65	M10/30°	342.100.11	342.100.12
12	40	65	M10/30°	342.120.11	342.120.12
5	50	75	M10/30°	343.050.11	343.050.12
6	50	75	M10/30°	343.060.11	343.060.12
8	50	75	M10/30°	343.080.11	343.080.12
10	50	75	M10/30°	343.100.11	343.100.12
12	50	75	M10/30°	343.120.11	343.120.12

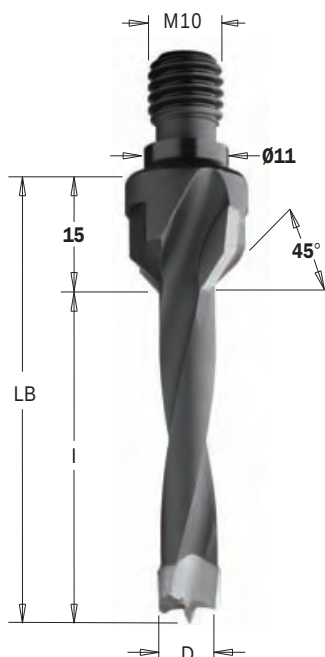
TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 ground spurs (V2)
- 4 spiral flutes

APPLICATION: used on boring machines equipped with chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

Dowel drills with threaded shank with countersink



325-327-329-330



D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	20	35	M10/11x4	325.050.11	325.050.12
6	20	35	M10/11x4	325.060.11	325.060.12
8	20	35	M10/11x4	325.080.11	325.080.12
10	20	35	M10/11x4	325.100.11	325.100.12
12	20	35	M10/11x4	325.120.11	325.120.12
5	30	45	M10/11x4	327.050.11	327.050.12
6	30	45	M10/11x4	327.060.11	327.060.12
8	30	45	M10/11x4	327.080.11	327.080.12
10	30	45	M10/11x4	327.100.11	327.100.12
12	30	45	M10/11x4	327.120.11	327.120.12
5	40	55	M10/11x4	329.050.11	329.050.12
6	40	55	M10/11x4	329.060.11	329.060.12
8	40	55	M10/11x4	329.080.11	329.080.12
10	40	55	M10/11x4	329.100.11	329.100.12
12	40	55	M10/11x4	329.120.11	329.120.12
5	50	65	M10/11x4	330.050.11	330.050.12
6	50	65	M10/11x4	330.060.11	330.060.12
8	50	65	M10/11x4	330.080.11	330.080.12
10	50	65	M10/11x4	330.100.11	330.100.12
12	50	65	M10/11x4	330.120.11	330.120.12

TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2+2 precision ground cutting edge [Z2]
- 2 spiral flutes
- 2 ground spurs (V2)

APPLICATION: used on boring machines equipped with chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

Dowel drills with threaded shank without countersink



338-339-340



D mm	I mm	LB mm	S	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
5	30	45	M10/11x4	338.050.11	338.050.12
6	30	45	M10/11x4	338.060.11	338.060.12
8	30	45	M10/11x4	338.080.11	338.080.12
10	30	45	M10/11x4	338.100.11	338.100.12
12	30	45	M10/11x4	338.120.11	338.120.12
5	40	55	M10/11x4	339.050.11	339.050.12
6	40	55	M10/11x4	339.060.11	339.060.12
8	40	55	M10/11x4	339.080.11	339.080.12
10	40	55	M10/11x4	339.100.11	339.100.12
12	40	55	M10/11x4	339.120.11	339.120.12
5	50	65	M10/11x4	340.050.11	340.050.12
6	50	65	M10/11x4	340.060.11	340.060.12
8	50	65	M10/11x4	340.080.11	340.080.12
10	50	65	M10/11x4	340.100.11	340.100.12
12	50	65	M10/11x4	340.120.11	340.120.12

TECHNICAL DETAILS:

- Super-strength steel
- HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 ground spurs (V2) - 4 spiral flutes

APPLICATION: used on boring machines equipped with chucks.

Used to drill blind holes in solid wood, wood composites, plastic and laminated materials.

TOOL FEATURES

TOOL MATERIAL

- ☐ HW ☐ SP steel

QUANTITY AND ROTATION

Nr. Bits RH Nr. Bits LH

SHANK

- PARALLEL SHANK WITH DRIVING FLAT

- ☐ Ø8x20mm with driving flat and length adjusting screw
☐ Ø10x20mm with driving flat and length adjusting screw

- THREADED SHANK

- ☐ M8
☐ M10
☐ M8 with seating Ø9x4mm
☐ M10 with seating Ø11x4mm
☐ M 8 with 20°48' centring cone
☐ M10 with 30° centring cone

- PARALLEL SHANK

- ☐ S x A =

 (Specify diameter and length of shank)
☐
 (Specify other kind of shank)

HOLE FEATURES

HOLE TO REALISE

- ☐ Drawing 1 - Blind hole with more than one diameter
☐ Drawing 2 - Blind hole with counter
☐ Drawing 3 - Through hole with more than one diameter
☐ Drawing 4 - Through hole with countersink

DIMENSIONS

d x C

.....
 (Specify diameter and depth of first hole)

D x B

.....
 (Specify diameter and depth of second hole)



.....
 (Specify countersink-angle "standard 45°")

WORK MATERIAL

- ☐ Solid wood
☐ MDF/Melamine panels
☐ Chipboard panels and hard wood
☐
 (Specify other materials)

MACHINE DATA

Manufacturer/Model

.....

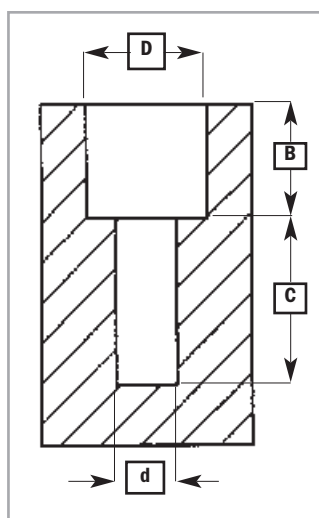
RPM

.....

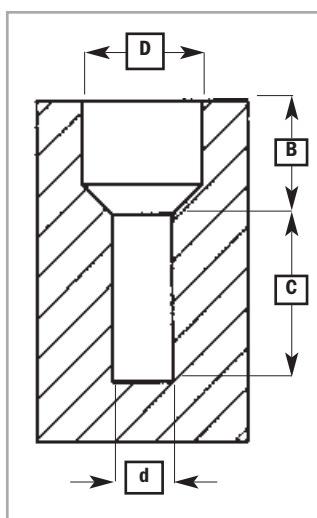
Feed speed (metres/minute)

.....

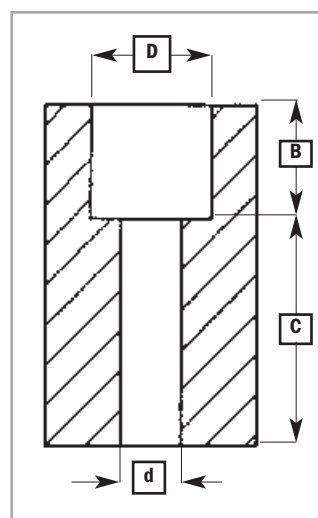
DRAWING 1



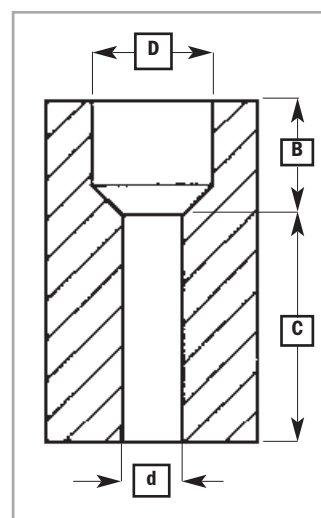
DRAWING 2



DRAWING 3



DRAWING 4



For orders, please fill out this form and fax to:

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C.M.T. Utensili S.p.A. - Via della Meccanica, s.n. - 61122 Pesaro, Fraz. Chiusa di Ginestreto - Italia



Bits for hand power tools

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509-532-533

RH LH

...with parallel shank for interchangeable bits

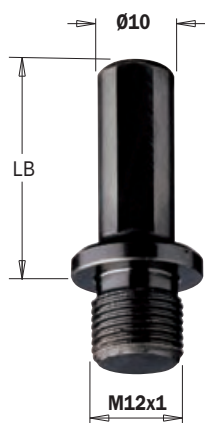
S mm	LB mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
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9,5x30	35		532.095.01	
10x50	60		533.100.01	533.100.02
12x30	35		532.120.01	
13x50	100		509.130.01	509.130.02
16x50	100		509.160.01	509.160.02

TECHNICAL DETAILS:

- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



511

RH LH

...with parallel shank for quick change drills

S mm	LB mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
10x20 (with driving flat & screws)	27		511.270.01	511.270.02
10x35 (with driving flat & screws)	40		511.400.01	511.400.02

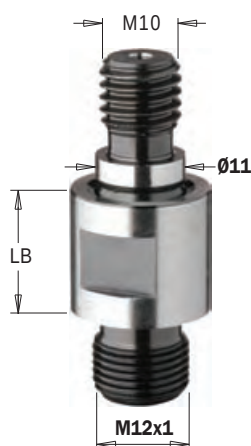
Used for assembly of the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



506

RH LH

...with threaded shank for interchangeable bits

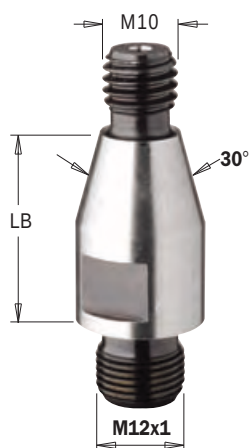
S	LB mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
M10/11x4	15		506.150.01	506.150.02
M10/11x4	25		506.250.01	506.250.02
M10/11x4	35		506.350.01	506.350.02

Used for assembly of the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel
- Parallel shank with driving flat and adjustable screw length.

APPLICATION: used on boring machines with adaptor chucks.



503

...with threaded shank for interchangeable bits

RH LH

S	LB mm		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
M10/30°	25		503.250.01	503.250.02
M10/30°	35		503.350.01	503.350.02
M10/30°	45		503.450.01	503.450.02

Used for assembly of the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel
- Parallel shank with driving flat and adjustable screw length

APPLICATION: used on boring machines with adaptor chucks.

Adaptors



534

...with taper shank for interchangeable bits

RH

S		ORDER NO. Right-hand rotation	
MK2/Ø20x14Fx1"		534.020.01	
MK2/M30x1,5		534.030.01	

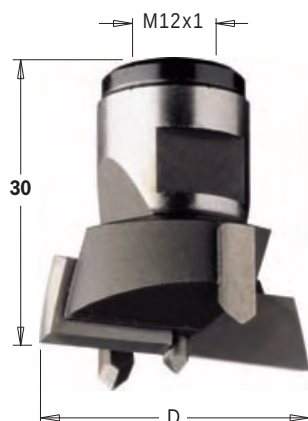
Used for assembly of the following parts: 501 HW

TECHNICAL DETAILS:

- Super strength steel

APPLICATION: used on CNC machines or hand-held routers equipped with adaptor chucks.

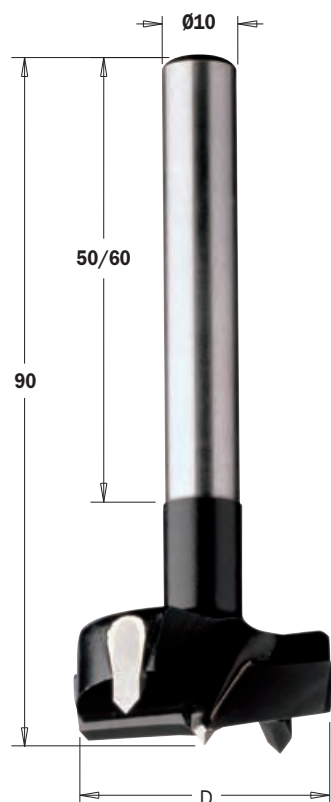
Interchangeable boring bits with threaded shank



501

HW Z2+2 RH LH

D mm	L mm	S		ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
20	30	M12x1		501.200.11	501.200.12
22	30	M12x1		501.220.11	501.220.12
24	30	M12x1		501.240.11	501.240.12
25	30	M12x1		501.250.11	501.250.12
26	30	M12x1		501.260.11	501.260.12
30	30	M12x1		501.300.11	501.300.12
32	30	M12x1		501.320.11	501.320.12
34	30	M12x1		501.340.11	501.340.12
35	30	M12x1		501.350.11	501.350.12
36	30	M12x1		501.360.11	501.360.12
38	30	M12x1		501.380.11	501.380.12
40	30	M12x1		501.400.11	501.400.12
45	30	M12x1		501.450.11	501.450.12
50	30	M12x1		501.500.11	501.500.12
55	30	M12x1		501.550.11	501.550.12
60	30	M12x1		501.600.11	501.600.12



512

D mm	L mm	S mm	ORDER NO. Right-hand rotation
14	90	10x60	512.140.11
15	90	10x60	512.150.11
16	90	10x60	512.160.11
17	90	10x60	512.170.11
18	90	10x60	512.180.11
19	90	10x60	512.190.11
20	90	10x60	512.200.11
21	90	10x60	512.210.11
22	90	10x60	512.220.11
23	90	10x60	512.230.11
24	90	10x60	512.240.11
25	90	10x60	512.250.11
26	90	10x60	512.260.11
27	90	10x60	512.270.11
28	90	10x60	512.280.11
29	90	10x60	512.290.11
30	90	10x60	512.300.11
31	90	10x60	512.310.11
32	90	10x60	512.320.11
33	90	10x60	512.330.11
34	90	10x60	512.340.11
35	90	10x60	512.350.11
38	90	10x60	512.380.11
40	90	10x60	512.400.11
45	90	10x50	512.450.11
48	90	10x50	512.480.11
50	90	10x50	512.500.11
55	90	10x50	512.550.11
58	90	10x50	512.580.11
60	90	10x50	512.600.11

TECHNICAL DETAILS:

- Super strength steel
- HW precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 HW negatively ground spurs (V2)
- Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminate materials. Ideal for hinges.

5 piece boring bit set for hinges



512

The perfect set for hinge work and other related applications. Machined from special high speed steel with micrograin carbide tips, these bits are available in diameters of 15, 20, 25, 30 and 35mm. Safely packaged in a solid plastic box with glass front for easy storage and inventory.

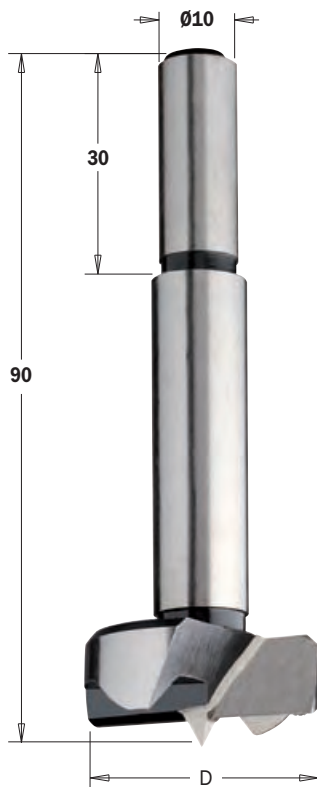
TECHNICAL DETAILS:

- Super strength steel
- HW precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 HW negatively ground spurs (V2)
- Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminate materials. Ideal for hinges.

DESCRIPTION	ORDER NO. Right-hand rotation
...Shank Ø10mm - Overall length 90mm (Ø15-20-25-30-35mm)	512.001.01

Boring bits with parallel shank



512

SP Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
8	90	10x30	512.081.31
10	90	10x30	512.101.31
12	90	10x30	512.121.31
new 14	90	10x30	512.141.31
15	90	10x30	512.151.31
16	90	10x30	512.161.31
18	90	10x30	512.181.31
20	90	10x30	512.201.31
22	90	10x30	512.221.31
24	90	10x30	512.241.31
25	90	10x30	512.251.31
26	90	10x30	512.261.31
28	90	10x30	512.281.31
30	90	10x30	512.301.31
32	90	10x30	512.321.31
new 34	90	10x30	512.341.31
35	90	10x30	512.351.31
38	90	10x30	512.381.31
40	90	10x30	512.401.31
new 45	90	10x30	512.451.31
new 50	90	10x30	512.501.31

TECHNICAL DETAILS:

- SP steel
- Precision balanced centre point
- 2 spurs (V2)
- 2 precision ground cutting edges (Z2)
- Long lasting cutter performance
- Parallel shank

APPLICATION: used for drilling blind holes in softwood. Ideal for hinges.

5 piece boring bit set for hinges



512

SP Z2 V2 RH

The perfect set for hinge work and other related applications. Machined from special high speed steel these bits are available in diameters of 15, 20, 25, 30 and 35mm. Precision ground and sharpened with round shanks. Safely packaged in a solid plastic box with glass front for easy storage and inventory.

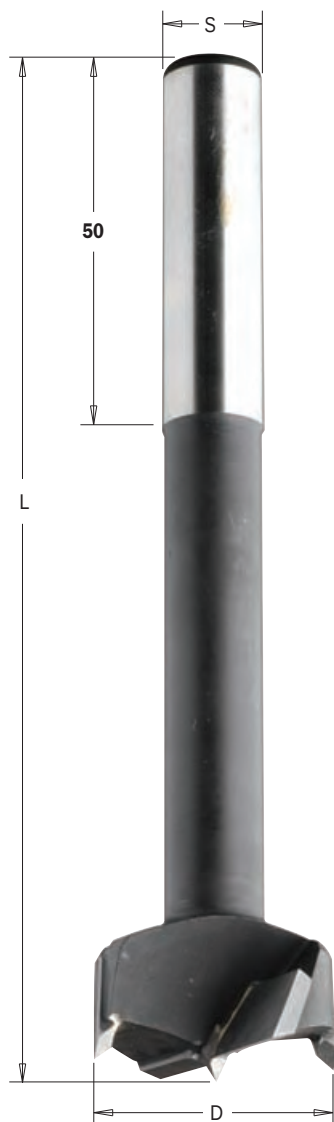
TECHNICAL DETAILS:

- SP steel
- Precision balanced centre point
- 2 spurs (V2)
- 2 precision ground cutting edges (Z2)
- Long lasting cutter performance

APPLICATION: used for drilling blind holes in softwood. Ideal for hinges.

DESCRIPTION	ORDER NO. Right-hand rotation
...Shank Ø10mm - Overall length 90mm (Ø15-20-25-30-35mm)	512.001.00

Boring bits with parallel shank



513

D mm	L mm	S mm	ORDER NO. Right-hand rotation
15	120	13	513.150.11
16	120	13	513.160.11
18	120	13	513.180.11
20	120	13	513.200.11
22	125	13	513.220.11
25	125	13	513.250.11
26	125	13	513.260.11
28	130	13	513.280.11
30	130	13	513.300.11
35	130	13	513.350.11
40	130	13	513.400.11
45	130	13	513.450.11
50	130	13	513.500.11
55	140	13	513.550.11
60	140	13	513.600.11

514

D mm	L mm	S mm	ORDER NO. Right-hand rotation
15	120	16	514.150.11
16	120	16	514.160.11
18	120	16	514.180.11
20	120	16	514.200.11
22	125	16	514.220.11
25	125	16	514.250.11
26	125	16	514.260.11
28	130	16	514.280.11
30	130	16	514.300.11
32	130	16	514.320.11
35	130	16	514.350.11
40	130	16	514.400.11
45	130	16	514.450.11
50	130	16	514.500.11
55	140	16	514.550.11
60	140	16	514.600.11

TECHNICAL DETAILS:

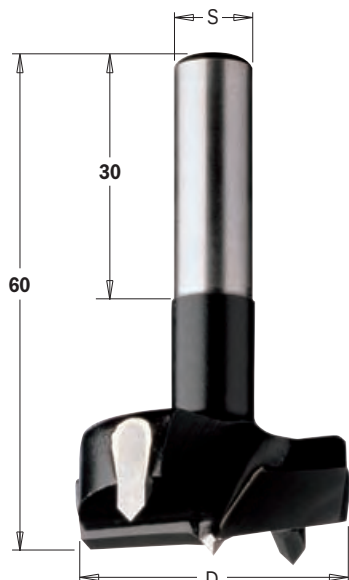
- Super strength steel
- HW precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 HW negatively ground spurs (V2)
- Parallel shank

APPLICATION: used for drilling blind holes in solid wood, wood composites and plastic laminated materials. Ideal for hinges.

Boring bits with parallel shank

new

CMT ORANGE TOOLS™



392

HW Z2 V2 RH

D mm	L mm	S mm	ORDER NO. Right-hand rotation
15	60	8	392.150.11
20	60	8	392.200.11
25	60	8	392.250.11
26	60	8	392.260.11
30	60	8	392.300.11
35	60	8	392.350.11
35	60	12,7	392.351.11
40	60	8	392.400.11

TECHNICAL DETAILS:

- Super strength steel
- HW precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 HW negatively ground spurs (V2)
- Parallel shank
- Right-hand rotation (RH)

APPLICATION: use on drilling machines and hand routers in solid wood, wood composites and plastic laminate materials. Ideal for hinges and blind holes.

Mortise chisel & bit sets



543

SP Z1 RH

D		S		ORDER NO.
mm	inches	mm	inches	Right-hand rotation
6,35	1/4	19	3/4	543.064.51
8	5/16	19	3/4	543.079.51
9,5	3/8	19	3/4	543.095.51
12,7	1/2	19	3/4	543.127.51
15,8	5/8	19	3/4	543.158.51
19	3/4	19	3/4	543.190.51

It's tough to beat the "old faithful" mortise and tenon joint for strength and accuracy, even with all the other joining options in the world of woodworking. It isn't the easiest joint to make, but it sure helps to have the best quality tools in your shop. That's why we've added a new selection of chisel and bit sets in all the popular sizes, from 1/4" to 3/4" diameter.

These sets are for use in any standard drill press mortising attachment of mortising machine.

Plug cutters

SP

RH

529



d mm	D mm	L mm	S mm	Z	ORDER NO. Right-hand rotation
8	18	140	13	4	529.080.31
10	20	140	13	4	529.100.31
12	24	140	13	4	529.120.31
14	26	140	13	4	529.140.31
15	27	140	13	4	529.150.31
16	28	140	13	4	529.160.31
18	30	140	13	4	529.180.31
20	32	140	13	4	529.200.31
new 22	34	140	13	5	529.220.31
25	37	140	13	5	529.250.31
30	42	140	13	5	529.300.31
new 32	44	160	16	5	529.320.31
35	47	160	16	6	529.350.31
40	52	160	16	6	529.400.31
new 45	57	160	16	6	529.450.31
new 50	62	160	16	6	529.500.31

d inches	D inches	L inches	S inches	Z	ORDER NO. Right-hand rotation
3/8	49/64	5-1/2	1/2	4	529.095.31
1/2	61/64	5-1/2	1/2	4	529.127.31
5/8	1-7/64	5-1/2	1/2	4	529.158.31
3/4	1-7/32	5-1/2	1/2	4	529.191.31
7/8	1-11/32	5-1/2	1/2	4	529.222.31
1	1-15/32	5-1/2	1/2	5	529.254.31
1-1/4	1-19/32	6-5/16	1/2	5	529.317.31
1-3/8	1-27/32	6-5/16	5/8	6	529.349.31
new 1-1/2	1-31/32	6-5/16	5/8	6	529.381.31
1-5/8	2-3/32	6-5/16	5/8	6	529.413.31
1-3/4	2-7/32	6-5/16	5/8	6	529.445.31
2	2-15/32	6-5/16	5/8	6	529.508.31

Use our reduction bushing D=16mm to increase the 13mm shank (order no.799.130.00 page 251)

TECHNICAL DETAILS:

- SP steel
- Long lasting cutter performance

APPLICATION: used to make plugs in hard and soft woods.

Plug cutters



530

HS

Z4

RH

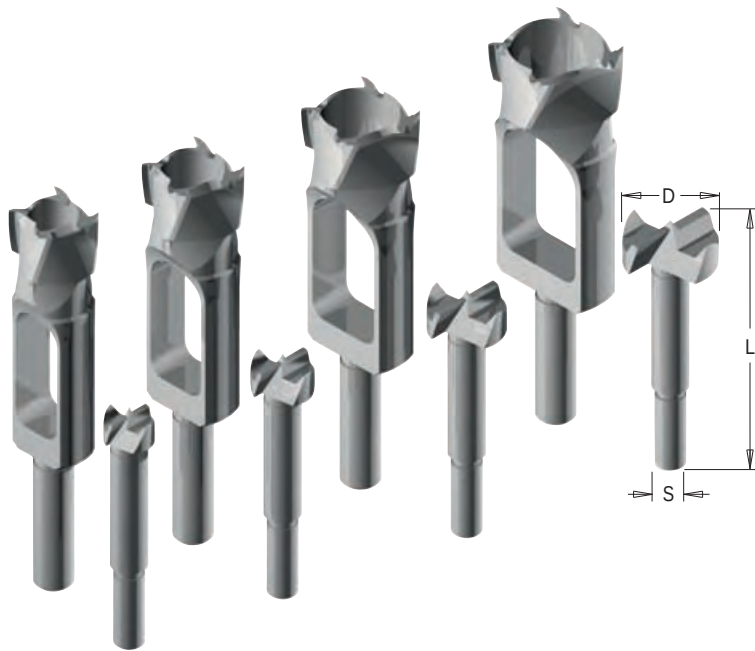
D mm	S	ORDER NO. Right-hand rotation
6,2	Ø21x14F.1"	530.062.51
8	Ø21x14F.1"	530.080.51
8,2	Ø21x14F.1"	530.082.51
10	Ø21x14F.1"	530.100.51
10,2	Ø21x14F.1"	530.102.51
12	Ø21x14F.1"	530.120.51
12,2	Ø21x14F.1"	530.122.51

TECHNICAL DETAILS:

- Super strength HS steel
- 4 precision ground cutting edges (Z4)
- Long lasting cutter performance

APPLICATION: used for cutting dowels.

REMARK: available on request.



500.001/02/03

SP RH

We offer a wide range of boring bits and plug cutters in the most popular diameters. If you need to bore or to make plugs in soft wood this is what you need!



500.001.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	8	90	10	512.081.31
Boring bit with parallel shank	10	90	10	512.101.31
Boring bit with parallel shank	12	90	10	512.121.31
Boring bit with parallel shank	15	90	10	512.151.31
Plug cutter	8	140	13	529.080.31
Plug cutter	10	140	13	529.100.31
Plug cutter	12	140	13	529.120.31
Plug cutter	15	140	13	529.150.31

500.002.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	16	90	10	512.161.31
Boring bit with parallel shank	20	90	10	512.201.31
Boring bit with parallel shank	25	90	10	512.251.31
Boring bit with parallel shank	30	90	10	512.301.31
Plug cutter	16	140	13	529.160.31
Plug cutter	20	140	13	529.200.31
Plug cutter	25	140	13	529.250.31
Plug cutter	30	140	13	529.300.31

500.003.08 Boring bit & plug cutter set

Set contains	D mm	L mm	S mm	ORDER NO. Right-hand rotation
Boring bit with parallel shank	15	90	10	512.151.31
Boring bit with parallel shank	20	90	10	512.201.31
Boring bit with parallel shank	25	90	10	512.251.31
Boring bit with parallel shank	30	90	10	512.301.31
Plug cutter	15	140	13	529.150.31
Plug cutter	20	140	13	529.200.31
Plug cutter	25	140	13	529.250.31
Plug cutter	30	140	13	529.300.31



537

D mm	L mm	S mm	ORDER NO. Right-hand rotation
10	90	8	537.100.31
12	90	8	537.120.31
14	90	8	537.140.31
15	90	8	537.150.31
16	90	8	537.160.31
18	90	8	537.180.31
20	90	8	537.200.31
22	90	8	537.220.31
24	90	8	537.240.31
25	90	8	537.250.31
26	90	8	537.260.31
28	90	8	537.280.31
30	90	8	537.300.31
32	90	10	537.320.31
35	90	10	537.350.31
38	90	10	537.380.31
40	90	10	537.400.31
45	90	10	537.450.31
50	90	10	537.500.31
55	90	10	537.550.31
68	159	12,5	537.680.31

D inches	L mm	S inches	ORDER NO. Right-hand rotation
1/4	90	3/8	537.064.31
3/8	90	3/8	537.095.31
1/2	90	3/8	537.127.31
5/8	90	3/8	537.158.31
3/4	90	3/8	537.190.31
7/8	90	3/8	537.222.31
1	90	3/8	537.254.31
1-1/8	90	3/8	537.285.31
1-1/4	90	3/8	537.317.31
1-3/8	90	3/8	537.349.31
1-1/2	90	3/8	537.381.31
1-5/8	90	3/8	537.413.31
1-3/4	90	3/8	537.445.31
1-7/8	90	3/8	537.476.31
2	90	3/8	537.508.31
2-1/8	90	3/8	537.540.31

TECHNICAL DETAILS:

- Super strength SP steel
- Precision balanced centre point
- 2 spurs (V2)
- 2 precision ground cutting edges (Z2)
- Long lasting cutter performance

APPLICATION: used to drill precise flat bottom holes with no chipping in any thickness of soft wood.

Forstner bit sets

We offer a wide range of Forstner Bits in the most popular diameters. These bits are available individually or in beautiful wooden sets. There is a high performance stagger tooth design on all larger diameter bits for clean sharp holes with straight sides and flat bottoms. These bits are ideal for drill presses, electric and cordless drills in all types of soft wood.

SP

RH



537.000.05



537.000.12



537.000.07



537.000.16

DESCRIPTION	SHANK	BIT DIAMETER	ORDER NO. Right-hand rotation
5 pcs. router bit set	Ø8-10mm	Ø15-20-25-30-35mm	537.000.05
12 pcs. router bit set	Ø8-10mm	Ø10-12-14-15-16-18-20-22-25-26-30-35mm	537.000.12
7 pcs. router bit set	Ø3/8"	Ø1/4" - 3/8" - 1/2" - 5/8" - 3/4" - 7/8" - 1"	537.000.07
16 pcs. router bit set	Ø3/8"	Ø1/4" - 3/8" - 1/2" - 5/8" - 3/4" - 7/8" - 1" - 1-1/8" - 1-1/4" - 1-3/8" - 1-1/2" - 1-5/8" - 1-3/4" - 1-7/8" - 2" - 2-1/8"	537.000.16

Saw blades

Tools with bore
& Knives

Router Bits
& Sets

CNC Router Cutter
& Chucks

Industrial
Dowel Drills

Bits for Hand
Power Tools

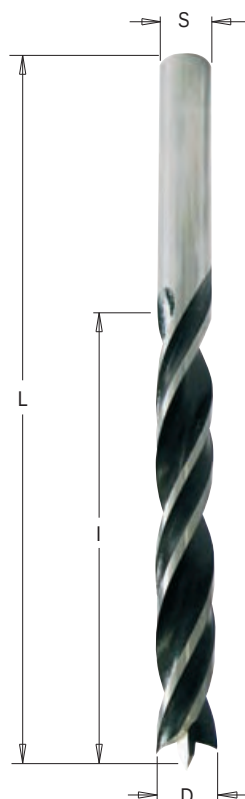
Spare Parts

Power Tools
& Accessories

Display Cabinets

Brad point bits

HS Z2 RH



517

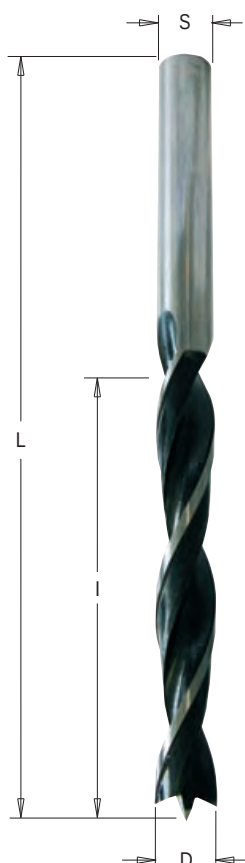
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	33	61	3	517.030.51	
4	43	75	4	517.040.51	
5	52	86	5	517.050.51	
6	53	92	6	517.060.51	
7	69	109	7	517.070.51	
8	75	117	8	517.080.51	
9	80	123	9	517.090.51	
10	84	133	10	517.100.51	
11	89	142	10	517.110.51	
12	93	151	10	517.120.51	
13	93	151	10	517.130.51	
14	93	151	10	517.140.51	
15	93	151	10	517.150.51	
16	93	151	10	517.160.51	

TECHNICAL DETAILS:

- Super strength HS steel
- Precision balanced center point
- 2 precision ground cutting edges (Z2)
- 4 flutes

APPLICATION: used for drilling holes in hard and soft wood.
Long lasting cutter performance

Brad point bits



517

SP Z2 RH

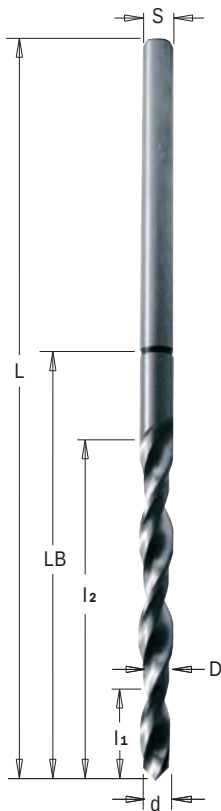
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
3	33	61	3	517.030.31	
4	43	75	4	517.040.31	
5	52	86	5	517.050.31	
6	57	94	6	517.060.31	
7	69	109	7	517.070.31	
8	75	117	8	517.080.31	
9	80	125	9	517.090.31	
10	87	133	10	517.100.31	
11	89	142	10	517.110.31	
12	96	151	10	517.120.31	
13	96	151	10	517.130.31	
14	97	151	10	517.140.31	
15	100	160	10	517.150.31	
16	100	160	10	517.160.31	
18	120	180	10	517.180.31	
20	130	200	10	517.200.31	

TECHNICAL DETAILS:

- Super strength SP steel
- Precision balanced center point
- 2 precision ground cutting edges (Z2)
- 2 flutes

APPLICATION: used for drilling holes in soft wood.

Drill bit for ANUBA hinges



515

HS Z2 RH

ANUBA no.	d mm	D-S mm	l ₁ mm	l ₂ mm	LB mm	L mm	ORDER NO. Right-hand rotation
9,5	3,8	5,2	18	56	74	132	515.095.51
11	4,8	5,7	17	60	76	145	515.110.51
13	5,8	6,7	18	68	83	155	515.130.51
14,5	6,3	7,2	19	75	89	165	515.145.51
16	6,7	7,7	25	85	100	165	515.160.51
18	7,7	8,7	25	85	102	165	515.180.51
20	8,8	9,8	25	90	104	165	515.200.51



TECHNICAL DETAILS:

- Super strength steel
- HS steel
- 2 precision ground cutting edges HS (Z2)
- 2 spiral flutes

APPLICATION: used for drilling blind holes in hard and soft wood for ANUBA hinges applications.

Brad point bit sets



517

HS SP Z2 RH

5 piece brad point bit set

An economical collection of the five most popular sized Brad Points - 4, 5, 6, 8 and 10mm. Safely packaged in a reusable plastic case for easy storage and inventory.

8 piece brad point bit set

A complete collection of the most popular Brad Points in the most requested sizes - 3, 4, 5, 6, 7, 8, 9 and 10mm.

Safely packaged in a reusable plastic case for easy storage and inventory.

DESCRIPTION	Z	BIT DIAMETER	ORDER NO. Right-hand rotation
5 pcs. brad point set HS	4 flutes	(Ø4-5-6-8-10mm)	517.001.01
5 pcs. brad point set SP	2 flutes	(Ø4-5-6-8-10mm)	517.001.00
8 pcs. brad point set HS	4 flutes	(Ø3-4-5-6-7-8-9-10mm)	517.002.01
8 pcs. brad point set SP	2 flutes	(Ø3-4-5-6-7-8-9-10mm)	517.002.00

Brad point bits

HS **Z1** **V1** **RH**
542

D mm	I mm	L mm	S	ORDER NO. Right-hand rotation	
6	155	230	exagonal	542.060.51	
8	155	230	exagonal	542.080.51	
10	155	230	exagonal	542.100.51	
12	155	230	exagonal	542.120.51	
14	155	230	exagonal	542.140.51	
16	155	230	exagonal	542.160.51	
18	155	230	exagonal	542.180.51	
20	155	230	exagonal	542.200.51	

535
HS **Z1** **V1** **RH**

D mm	I mm	L mm	S	ORDER NO. Right-hand rotation	
8	360	460	exagonal	535.080.51	
10	360	460	exagonal	535.100.51	
12	360	460	exagonal	535.120.51	
14	360	460	exagonal	535.140.51	
16	360	460	exagonal	535.160.51	
18	360	460	exagonal	535.180.51	
20	360	460	exagonal	535.200.51	

TECHNICAL DETAILS:

- Super strength HS steel
- Precision balanced centre point
- 1 precision ground cutting edges (Z1)
- 1 spiral flutes - 1 spurs (V1)
- Long lasting cutter performance

APPLICATION: used for drilling deep holes in hard and soft wood.

Brad point bits

HW **Z2** **V2** **RH**
540

D mm	L mm	S mm	ORDER NO. Right-hand rotation	
5	90	8x30	540.050.11	
6	90	8x30	540.060.11	
8	90	8x30	540.080.11	
10	90	8x30	540.100.11	
12	90	8x30	540.120.11	

TECHNICAL DETAILS:

- Super strength steel - HW head with precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 negatively ground spurs (V2) - 2 spiral flutes

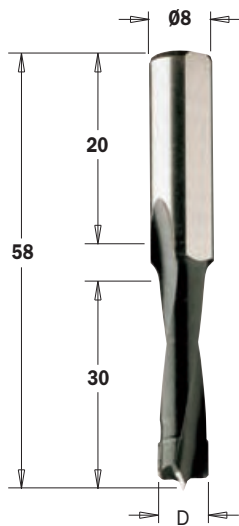
APPLICATION: used for drilling blind holes in solid wood, wood composites or plastic laminates. Usable on hand-held routers.

541

Stop collar

D mm	ORDER NO.	
5	541.050.00	
6	541.060.00	
8	541.080.00	
10	541.100.00	
12	541.120.00	

Stop collar with precision clamping nut and key for quick and easy assembly.



312



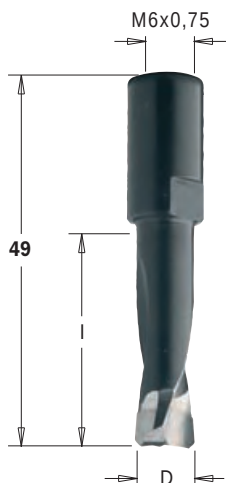
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
5	30	58	8	312.050.11	
6	30	58	8	312.060.11	
8	30	58	8	312.080.11	
10	30	58	8	312.100.11	
12	30	58	8	312.120.11	
14	30	58	8	312.140.11	
16	30	58	8	312.160.11	

These drill bits are made with high-strength steel in order to work with high speed rotation. They are perfect to bore all materials like solid wood, wood and composites, plastic and laminated with **hand or cnc router and MAFELL® machine model DD40.**

TECHNICAL DETAILS:

- Super strength steel
- Spiral portion coated with black P.T.F.E.
- HW precision balanced centre point
- 2 precision ground HW cutting edges (Z2)
- 2 spiral flutes
- Parallel shank with driving flat and length adjusting screw.

Router bits for Domino® Joining machine by Festool®



380



D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	
5	20	49	M6x0,75	380.050.11	
6	28	49	M6x0,75	380.060.11	
8	28	49	M6x0,75	380.080.11	
10	28	49	M6x0,75	380.100.11	

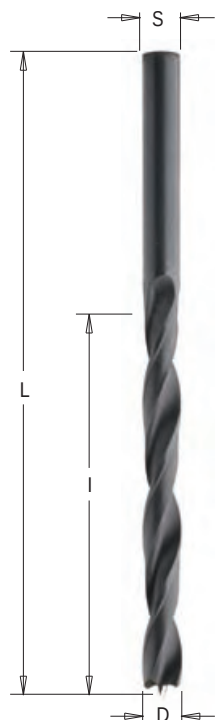
TECHNICAL DETAILS:

- Premium quality super-strength steel
- Spiral portion coating with black P.T.F.E.
- Extra-fine micrograin carbide spiral portion
- 2 cutting edges [Z2]
- 2 spiral flutes

APPLICATION: used on "Domino®" machines for routing slots on solid wood and wood composites.



Brad point bits


516
HS Z2 RH LH

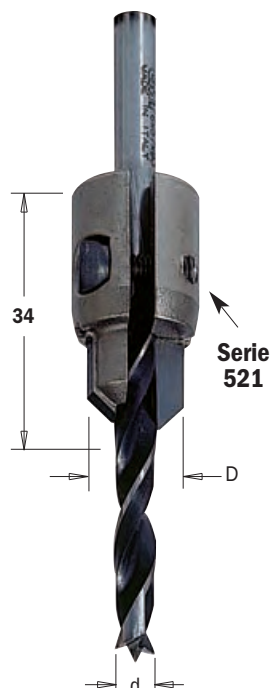
D mm	I mm	L mm	S mm	ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
2	24	49	2	516.020.51	516.020.52
2,5	30	57	2,5	516.025.51	516.025.52
3	33	61	3	516.030.51	516.030.52
3,5	39	70	3,5	516.035.51	516.035.52
4	43	75	4	516.040.51	516.040.52
4,5	47	80	4,5	516.045.51	516.045.52
5	52	86	5	516.050.51	516.050.52
5,5	57	93	5,5	516.055.51	516.055.52
6	57	93	6	516.060.51	516.060.52
7	69	109	7	516.070.51	516.070.52
8	75	117	8	516.080.51	516.080.52
9	81	125	9	516.090.51	516.090.52
10	87	133	10	516.100.51	516.100.52

TECHNICAL DETAILS:

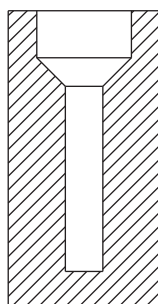
- Super strength steel
- Precision balanced centre point
- 2 precision ground cutting edges (Z2)
- 2 spiral flutes
- Common shank and cutting diameter (S=D)

APPLICATION: used for drilling blind holes in hard and soft wood.

Adjustable countersink


521.001
HW Z2 RH

D mm	d mm	ORDER NO. Right-hand rotation
to 11 a 15	to 3 a 7	521.001.11



Twist drills	Overall diameter
Ø3	Ø11
Ø4	Ø12
Ø5	Ø13
Ø6	Ø14
Ø7	Ø15

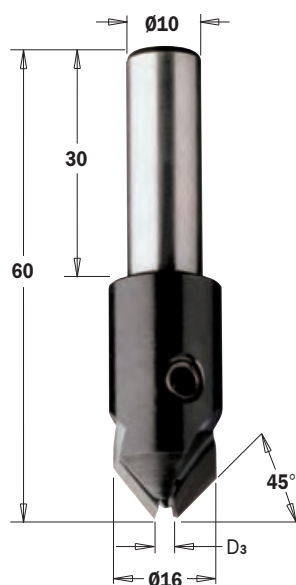
TECHNICAL DETAILS:

- Premium quality HW
- 2 precision ground HW cutting edges (Z2)
- Quick and easy drill change

APPLICATION: used with spiral bits with parallel shanks.

Twist drills not included.

Countersinks



521



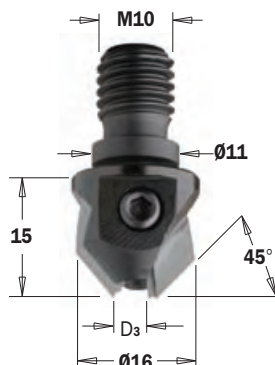
D ₃ mm	S mm			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	10x30			521.030.11	521.030.12
4	10x30			521.040.11	521.040.12
5	10x30			521.050.11	521.050.12
6	10x30			521.060.11	521.060.12

TECHNICAL DETAILS:

- Super strength steel
- 2 precision ground HW cutting edges (Z2)
- Quick and easy drill change

APPLICATION: used with spiral bits with parallel shanks.

Countersinks



350



D ₃ mm	S			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	M10/Ø11x4			350.030.11	350.030.12
4	M10/Ø11x4			350.040.11	350.040.12
5	M10/Ø11x4			350.050.11	350.050.12

TECHNICAL DETAILS:

- Super strength steel
- 2 precision ground HW cutting edges (Z2)
- Quick and easy drill change

APPLICATION: used with spiral bits with parallel shanks.

Countersinks



351



D ₃ mm	S			ORDER NO. Right-hand rotation	ORDER NO. Left-hand rotation
3	M10/30°			351.030.11	351.030.12
4	M10/30°			351.040.11	351.040.12
5	M10/30°			351.050.11	351.050.12

TECHNICAL DETAILS:

- Super strength steel
- 2 precision ground HW cutting edges (Z2)
- Quick and easy drill change

APPLICATION: used with spiral bits with parallel shanks.



Arbors

797

S mm			ORDER NO.
10			797.100.00
12			797.120.00
12,7			797.127.00

TECHNICAL DETAILS:

- Super strength steel
- Precision machined for accuracy.



Collet chucks

796

S mm	D_For collet diameter mm		ORDER NO.
M10	6 - 6,35 - 8 - 9,5		796.100.00
M12x1	6 - 6,35 - 8 - 9,5		796.000.00
M12x1	10 - 12 - 12,7		796.121.00

TECHNICAL DETAILS:

- Super strength steel
- Precision machined for accuracy.

Collet non included.



Router chucks extension with collet

796.001

S mm	D_For collet diameter mm		ORDER NO.
12	8		796.002.01
12	12		796.002.00
12,7	6,35		796.001.01
12,7	12,7		796.001.00

TECHNICAL DETAILS:

- Super strength steel
- Precision machined for accuracy.

Collet included



Collet chucks

796

S mm	D_For collet diameter mm		ORDER NO.
M14x2	6 - 6,35 - 8 - 9,5		796.140.00
M14x2	10 - 12 - 12,7		796.141.00
M16x2	6 - 6,35 - 8 - 9,5		796.160.00
M16x2	10 - 12 - 12,7		796.161.00

TECHNICAL DETAILS:

- Super strength steel
- Precision machined for accuracy.

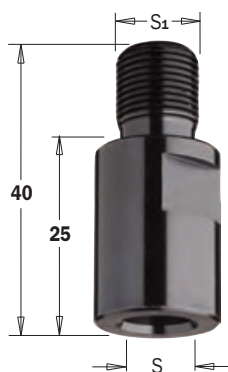
Collet not included



Collets 796

796.500/600

D3 mm			ORDER NO.
6			796.560.00
6,35			796.564.00
8			796.580.00
9,5			796.595.00
10			796.600.00
12			796.620.00
12,7			796.627.00



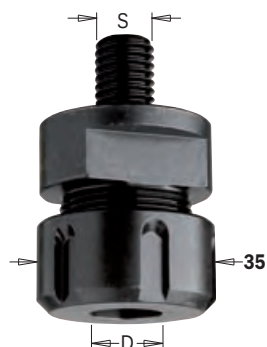
Arbors

798

S mm	S ₁		ORDER NO.
M10	M10		798.101.00
M10	M12x1		798.102.00
M12x1	M10		798.121.00
M12x1	M12x1		798.122.00

TECHNICAL DETAILS:

- Super strength steel
- Precision machined for accuracy.



Collet chucks "ER20"

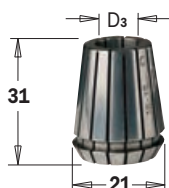
796

S mm	D_For collet diameter mm		ORDER NO.
M12x1,75	3 ~ 12,7		796.122.00
M14x2	3 ~ 12,7		796.142.00
M16x2	3 ~ 12,7		796.162.00

Spare parts: 992.483.03 Clamping nut M25x1,5
991.483.00 Key ER20

TECHNICAL DETAILS:

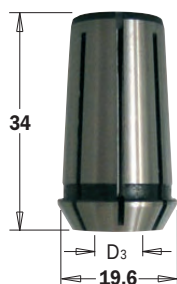
- Super strength steel. Precision machined for accuracy.
- Collet not included



Precision collets "ER20" for item 796.122/142/162

184

D ₃ mm	ORDER NO.	D ₃ mm	ORDER NO.
3	184.030.20	10	184.100.20
6	184.060.20	12	184.120.20
6,35	184.064.20	12,7	184.127.20
8	184.080.20		



Collets for CMT, DeWalt, Felisatti, Fein, Metabo hand-router

796.8

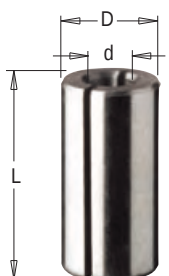
D ₃ mm	ORDER NO.	D ₃ mm	ORDER NO.
6	796.860.00	10	796.900.00
6,35	796.864.00	12	796.920.00
8	796.880.00	12,7	796.927.00
9,5	796.895.00		



Collet for Freud/Casals hand-router

796.780

D ₃ mm	L mm		ORDER NO.
8	14		796.780.00



Bushings

799

d mm	D mm	L mm	ORDER NO.	d mm	D mm	L mm	ORDER NO.
6	8	25	799.060.00	8	10	25	799.280.00
6	9,5	25	799.160.00	8	12	25	799.380.00
6	12	25	799.260.00	8	12,7	25	799.480.00
6,35	8	25	799.064.00	9,5	12,7	25	799.001.00
6,35	9,5	25	799.164.00	10	12	25	799.100.00
6,35	12,7	25	799.264.00	13	16	45	799.130.00
8	9,5	25	799.180.00				



1/8W



TSPEI



STEI



Torx

Screws

990

DESCRIPTION	ORDER NO.
Screw 1/8W x 3/8"	990.058.00
Screw 1/8W x 1/2"	990.059.00
Screw TSPEI M4x6	990.004.00
Screw TSPEI M5x12 (for 823 slot cutter)	990.055.00
new Screw TSPEI M5x18	990.063.00
Screw STEI M3x3 (for 541 stop collar)	990.005.00
Screw STEI M8x16 (for 692)	990.064.00
Screw STEI M8x12 (for 693)	990.065.00
Screw STEI M6x16 (for 694)	990.066.00
Screw STEI M6x20 (for 694)	990.084.00
Screw STEI M6x25 (for 694)	990.085.00
Screw STEI M8x20 (for 694)	990.086.00
Screw TCEI M4x6	990.052.00
Screw TCEI M3x6	990.051.00
Torx Screw	
Screw Torx M4x3,2 (for 694.001)	990.079.00
Screw Torx T15 M5x6,5 (for 694.100)	990.080.00
Screw Torx T25 M5x18 (for 694.001)	990.063.00
Screw TS Torx T8 M2,5x3x5,5	990.071.00
Screw TB Torx T15 M3,5x3,5x5,5	990.072.00
Screw TB Torx T15 M3,5x5x7	990.073.00
Screw TB Torx T15 M4x3,5x5,5	990.074.00
Screw TB Torx T15 M4x6x8,5	990.075.00
Screw TB Torx T15 M4x4x6,5	990.076.00

Key for screws

991

DESCRIPTION	ORDER NO.
Hex key	
3/32" hex key (for 1/8W screw)	991.057.00
1,5mm hex key (for M3 screw)	991.056.00
2mm hex key	991.060.00
2,5mm hex key (for M4 screw)	991.062.00
3mm hex key	991.067.00
4mm hex key	991.064.00
5mm hex key	991.065.00
6mm hex key	991.066.00
Key Torx	
Key Torx T8	991.063.00
Key Torx T9	991.069.00
Key Torx T15	991.061.00
Key Torx T20	991.072.00
Key Torx T25	991.073.00
Key Torx T30	991.071.00

Shields for bearing

990.422/423



DESCRIPTION	ORDER NO.
Ø9,5mm shield	990.422.00
Ø12,7mm shield	990.423.00

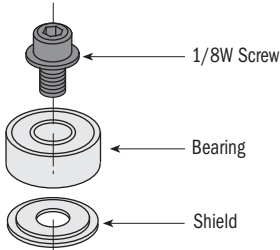
Nuts for arbor

990.020/022



DESCRIPTION	ORDER NO.
Nut for arbor M8, thread	990.020.00
Nut for arbor M12x1,25 thread	990.022.00

Bearings



Be Sure: to keep the black washer right side up to correspond with the bearing rotation during reassembly.



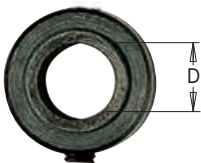
*10° Delrin® conical bearing



**Delrin® triangular bearing

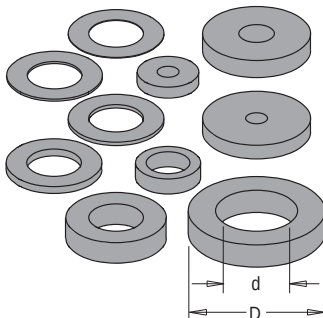
	D		d		Thickness	ORDER NO.
	mm	inches	mm	inches	mm	
new	6,35	1/4	3,2	1/8	3,2	791.035.00
	9,5	3/8	4,76	3/16	3,2	791.002.00
	12,7	1/2	4,76	3/16	5	791.003.00
	12,7	1/2	6,35	1/4	4,8	791.010.00
	13		5		4	791.022.00
	13		6		5	791.023.00
	15		6		5	791.024.00
	15,8	5/8	4,76	3/16	5	791.018.00
	15,8	5/8	6,35	1/4	5	791.009.00
	16		5		5	791.006.00
	16		8		5	791.025.00
	19	3/4	4,76	3/16	7,5	791.019.00
	19		6		6	791.007.00
	19	3/4	6,35	1/4	7	791.004.00
	19		8		6	791.034.00
	19	3/4	12,7	1/2	4	791.011.00
	22		8		6	791.012.00
	22		8		7	791.005.00
	22,2	7/8	4,76	3/16	7,5	791.017.00
	22,2	7/8	9,52	3/8	7	791.021.00
new	22,2	7/8	12,7	1/2	7	791.013.00
new	24		8		8	791.036.00
	28		12		8	791.026.00
	28,5	1-1/8	4,76	3/16	8,4	791.014.00
	28,5	1-1/8	8		8,5	791.030.00
	28,5	1-1/8	12,7	1/2	8	791.027.00
	31,7	1-1/4	8		5	791.033.00
	31,7	1-1/4	12,7	1/2	10	791.015.00
	34,9	1-3/8	4,76	3/16	11,5	791.016.00
	34,9	1-3/8	8		11,6	791.031.00
	34,9	1-3/8	12,7	1/2	11	791.029.00
	37		12		12	791.028.00
	38,1	1-1/2	12,7	1/2	13,3	791.020.00
	19	3/4	4,76	3/16	6,8	791.041.00*
new	12,7	1/2	4,76	3/16	5,8	791.042.00**
new	19	3/4	4,76	3/16	7	791.043.00**

Stop collars



D	ORDER NO.	D	ORDER NO.
mm		mm	
6	541.003.00	9,5	541.006.00
6,35	541.001.00	12	541.005.00
8	541.004.00	12,7	541.002.00

Shields for assembly



d	D	Thickness	ORDER NO.	d	D	Thickness	ORDER NO.
mm	mm	mm		mm	mm	mm	
new 3,25	9	1,6	541.550.00	8	14,7	5,8	541.519.00 new
new 3,25	15,8	2	541.552.00	12	20	2	541.512.00
new 5,2	15,8	2,5	541.551.00	12	20	3	541.511.00
new 6,4	9,52	2,2	541.514.00	12	21	0,1	541.513.00 new
8	14	0,1	541.515.00	12	21	0,3	541.520.00 new
8	14	0,3	541.516.00	12	21	1,59	541.521.00 new
8	14	0,5	541.517.00	12	21	3,18	541.522.00 new
8	14	1	541.518.00	12	21	6,16	541.523.00 new
8	14,7	3	541.500.00	12	21	1	541.524.00 new
8	14,7	4	541.501.00	12	21	0,5	541.525.00 new

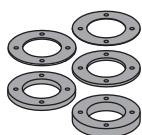
Threaded rings for cutter head 694.001

695.996

DESCRIPTION	ORDER NO.
Threaded ring M4 (Ø10x1,6mm)	695.996.01
Threaded ring M4 (Ø12x1,7mm)	695.996.02



SET SPACER

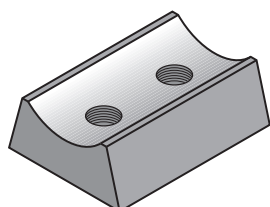
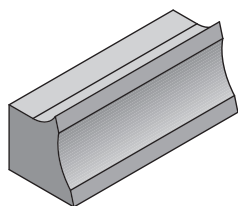


SET SPACER WITH PIN HOLE

Spacers

695.998

DESCRIPTION	FOR CUTTER HEAD	ORDER NO.
Set spacer Ø50x9x30mm	694.015	695.998.01
Set spacer Ø50x9x31,75mm	694.015	695.998.02
Set spacer Ø55x9x35mm	694.015	695.998.03
Set spacer Ø60x9x40mm	694.015	695.998.04
Set spacer Ø70x9x50mm	694.015	695.998.05
Set spacer Ø50x33x30mm	694.005	695.998.11
Set spacer Ø50x33x31,75mm	694.005	695.998.12
Set spacer Ø55x33x35mm	694.005	695.998.13
Set spacer Ø60x33x40mm	694.005	695.998.14
Set spacer Ø70x22x50mm	694.005	695.998.15
Set spacer Ø65x8x30mm	694.001 and 694.015	695.998.21
Set spacer Ø65x8x31,75mm with pin hole	694.001 and 694.015	695.998.22
Set spacer Ø60x8x35mm with pin hole	694.001 and 694.015	695.998.23
Set spacer Ø80x8x40mm with pin hole	694.001 and 694.015	695.998.24
Set spacer Ø80x8x50mm with pin hole	694.001 and 694.015	695.998.25

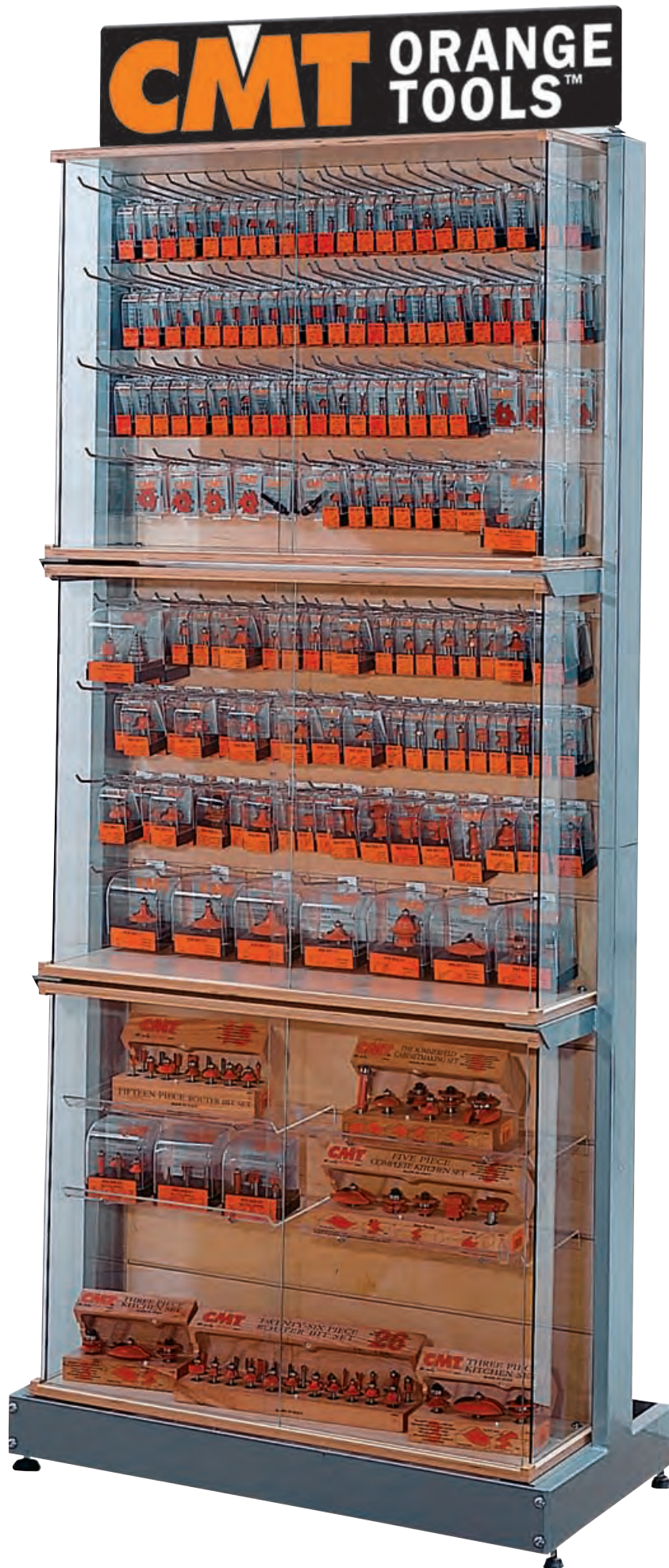


Wedges

692-693-695

DESCRIPTION	ORDER NO.
Wedges for cutter heads	
Wedge 38x15x16mm (for cutter heads Alu)	692.999.01
Wedge 38x22,5x13mm (for cutter heads Steel)	692.999.02
Wedge 38x26x13mm (for cutter heads Alu)	693.999.01
Wedge 38x28x12,5mm (for cutter heads Steel)	693.999.02
Wedge 38x15x16mm (for cutter heads Alu)	695.018.01
Wedge 16x11x9,5mm	695.999.16
Wedge 17x11x9,5mm	695.999.17
Wedge 22x11x9,5mm	695.999.22
Wedge 31x11x9,5mm	695.999.31
Wedge 38x11x9,5mm	695.999.38
Wedge 39x11x9,5mm	695.999.39
Wedge 41x11x9,5mm	695.999.41
Wedge 42x11x9,5mm	695.999.42
Wedge 46x11x9,5mm	695.999.46
Wedge 49x11x9,5mm	695.999.49
Wedge 53x11x9,5mm	695.999.53
Wedge for knives 7x11x9,5mm	695.999.07
Wedge for knives 23x11x9,5mm	695.999.23
Wedge for knives 23x11x9,5mm	695.999.24
Wedges for router bits with knives	
Wedge D=8x20mm	651.999.01
Wedge D=10-12-12,7x30mm	651.999.02
Wedge D=12-12,7x50mm	651.999.03

Power tools & Accessories



Products	Page
Power tools	254~257
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305mm compound miter saw with upper table

MADE IN ITALY
CMT6

ERGONOMIC HANDLE

for the maximum confort and control

BELT DRIVEN

induction motor offers excellent performance and noiseless

FINE DEPTH ADJUSTMENT

of the upper table for precision cuts

REINFORCED

motor head support for stability

4000 RPM

allow higher cutting speed and best finishing

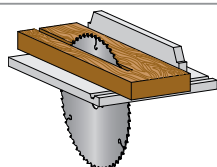
REMOVABLE FENCE

for easy set up of the angular cuts

EASY SETTING OF THE ROTARY TABLE

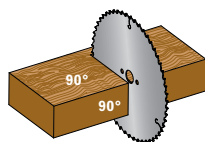
with preset stops in the most common positions

MAXIMUM CUTTING CAPACITY



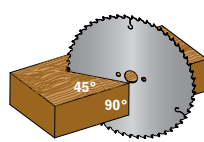
Upper table

H max 66mm



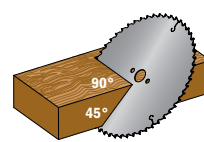
90°+90°

0° 150x102(h)mm
H max 45x125(h)mm



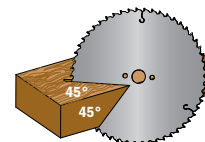
45°+90°

45° 102x97(h)mm



90°+45°

45° 150x66(h)mm



45°+45°

45°+45° 53x43(h)mm

Technical Features and Specifications

- High power, low-noise, asynchronous induction motor
- Circular saw blade guard
- Cutting capacity15°- 22,5°- 30°- 45°
- Horsepower1.600 Watt
- No Load Speed4.000 RPM
- Circular saw bladeØ 305mm - Bore=30mm
- Upper table dim.312x473mm
- Weight25 Kg

Standard Equipment

- Length stop - to make repetitive cuts of the same length
- Upper table fence for high precision cuts
- Dust extraction outlet
- Wrenches
- 1 HW circular saw blade, Ø305mm, Z54
- 1 year warranty
- Instruction manual

Worldwide technical assistance

DESCRIPTION	ORDER NO.
Compound miter saw 305mm with upper table	CMT6
Suitable saw blades:	
293.028.22M Ripping saw blade Ø305mm - Z28 ATB	
294.054.22M Ripping and crosscut saw blades Ø305mm - Z54 ATB	
285.072.22M Fine finishing saw blades Ø305mm - Z72 ATB	
297.096.13M Non-Ferrous metal and laminated panels saw blades Ø305mm - Z96 TCG	

250mm compound miter saw with upper table



THE IDEAL MITER SAW FOR THE PROFESSIONAL WOODWORKER

MADE IN ITALY
CMT5

ERGONOMIC HANDLE

for the maximum confort and control

BELT DRIVEN

induction motor offers excellent performance and noiseless

FINE DEPTH ADJUSTMENT

of the upper table for precision cuts

REINFORCED

motor head support for stability

4500 RPM

allow higher cutting speed and best finishing

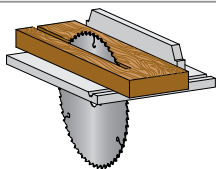
REMOVABLE FENCE

for easy set up of the angular cuts

EASY SETTING OF THE ROTARY TABLE

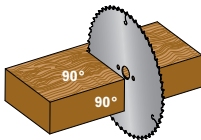
with preset stops in the most common positions

MAXIMUM CUTTING CAPACITY



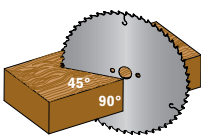
Upper table

Max.height 40mm



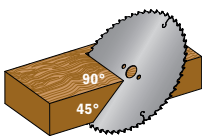
90°+90°

0° 150x73(h) mm
Max.height 50x108(h) mm



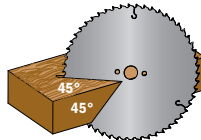
45°+90°

45° 90x73(h) mm



90°+45°

45° 150x46(h) mm



45°+45°

45°+45° 48x45(h) mm

Technical Features and Specifications

- High power, low-noise, asynchronous induction motor
- Circular saw blade guard
- Cutting capacity15°- 22,5°- 30°- 45°
- Horsepower1.200 Watt
- No Load Speed4.500 RPM
- Circular saw bladeØ 250mm - Bore=30mm
- Upper table dim.312x473mm
- Weight22 Kg

Standard Equipment

- Length stop - to make repetitive cuts of the same length
- Upper table fence for high precision cuts
- Dust extraction outlet
- Wrenches
- 1 HW circular saw blade, Ø250mm, Z40 (order no. **CMT 285.040.10M**)
- 1 year warranty
- Instruction manual

Worldwide technical assistance

DESCRIPTION		ORDER NO.
Compound miter saw 250mm with upper table		CMT5
Suitable saw blades:	290.250.24M	Ripping saw blades Ø250mm - Z24 ATB
	285.040.10M	Ripping and crosscut saw blades Ø250mm - Z40 ATB
	285.060.10M	Crosscut and finishing saw blades Ø250mm - Z60 ATB
	297.080.10M	Non-Ferrous metal and laminated panels saw blades Ø250mm - Z80 TCG

82mm hand planer

MADE IN ITALY
CMT3



PERFECT CONTROL

a steady cutting speed is insured by the ergonomically designed front handle

SUPER FINE DEPTH ADJUSTMENT

with the scaled height-knob allowing 0-3mm micro-regulations

STRAIGHT AND BEVELLED CUTS

thanks to the 0-45° tiltable guide included

UNMATCHABLE PLANING ACCURACY

delivered by the aluminium front and rear shoes precision-machined after assembly



new

Optional

CMT3-91

support for standing use



Technical Features and Specifications

- Powerful motor for increased performance in the hardest of woods
- Knife guard
- Micro depth adjustment
- Horsepower..... 850 Watt
- No Load Speed 13.000 RPM
- Planing Width 82mm
- Planing Depth 0-3mm
- Max.Rabetting Depth 23mm
- Weight..... 2,8 Kg

Standard Equipment

- 0-45° tiltable guide for straight and bevelled cuts
- Scaled rabbetting guide
- Dust extraction outlet
- Wrenches
- 2 HWM knives
- 1 year warranty
- Instruction manual

Worldwide technical assistance

DESCRIPTION

ORDER NO.

Hand planer with standard equipment

CMT3

Support for standing use (optional)

CMT3-91

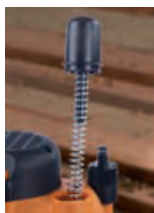
Spare knives: 790.820 HWM Spare knives (set of 2 pcs.)
790.820.00 HWM Spare knives (in box of 10 pcs.)

MADE IN TAIWAN

CMT7E

REMOVABLE PLUNGE SPRING

for easy bit adjustment when table mounted



ELECTRONIC SPEED CONTROL & SOFT START

From 8.000 - 20.000 RPM

SWITCHING FROM A PLUNGE TO A FIXED BASES ROUTER

with rack and pinion adjustment is as simple as turning a dial



QUICK ACCESS BRUSHES

allows the end user to change worn brushes



SAFETY SWITCH SHUTTER

locks closed in bit change mode to prevent power on

SIDE AIR VENTS

reduces intake of dust into the motor casing when mounted upside-down in a router table

3 STAGE TURRET

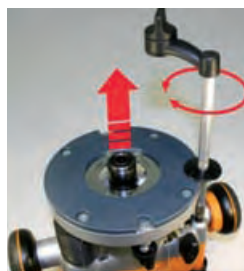
with direct reading scales for precise preset cut depths



TOP OF TABLE HEIGHT ADJUSTMENT



Top of table height adjustment is possible using the height winder handle from the template guide kit.



CMT7E-TGA

Template guide kit includes 7 guide bushes, guide plate, alignment bush, spacer



Optional
CMT7E-TGA

Technical Specifications

- Horsepower 2.000 Watt
- No load speed 8.000-20.000 RPM
- Plunge stroke 0-68mm
- Collet diameter. Ø6-12,7mm
- Tool weight 6 Kg

Collets for CMT7E

796.660.00	D = 6mm
796.664.00	D = 6,35mm
796.680.00	D = 8mm
796.700.00	D = 10mm
796.720.00	D = 12mm
796.727.00	D = 12,7mm

Fine WoodWorking
MAGAZINE



DESCRIPTION	ORDER NO.
Router complete with standard equipment	CMT7E

CMT Professional router table system

Our quality bits were developed for you, the professional craftsman, to allow you to confidently work at your personal best. Now CMT offers you even more possibilities with our professional router table: the perfect place to combine your skill and our quality.

The CMT Professional Router Table System has a strong and sturdy MDF laminate work surface that measures 68 x 50 x 2,5cm for easy mobility when working.

This free standing table sits at a comfortable height of 90cm on solid high gauge steel legs and weighs 25 kilograms.

999.100.00

Router table dimensions:

68x52x(h)90cm.

Weight 25 kg.



The universal plate are adaptable to all makes and models of routers on the market and provide shank holder options which let you select any bit diameter up to 90mm.

Choose any of our wide range of CMT bits including multi profile bits, molding bits or even kitchen set bits and work easily and safely on the CMT professional router table.

DESCRIPTION	ORDER NO.
CMT professional router table system (complete)	999.100.00
Parts included with the table:	
1) High gauge steel legs	999.100.21
2) 25mm thick MDF work surface with alu fluting	999.100.22
3) Steel plate Ø92mm, prebored for CMT7E	999.100.30
4) Aluminium ring Ø92-45mm	999.100.24
5) Longitudinal fence in aluminium without steel support	999.100.25
6) Lexan® and aluminium safety shield	999.100.26
7) Vacuum hose	999.100.27
8) Moulded ABS feather board	999.501.07
9) Miter gauge	999.501.08
Optional:	
Electric safety switch	999.100.11
Universal plate Ø92mm, not bored	999.100.28

Industrio™ routing system



CMT's New Industrio™ Routing System takes a great tool and makes it even better, with new features that include a phenolic insert, integral aluminum scales and an improved fence. We also have added great optional features, including a rugged molded featherboard and a new miter gauge.

999.500.01

The System includes:

999.501.09 Unique Phenolic Top with New Insert Plate

Now featuring an 298mm x 374mm insert plate, the top is milled from 12mm thick phenolic. A stable and very durable material, phenolic is much more resistant to warping than the melamine tops found on most router tables. The top also features new aluminum scales on both ends to help set the fence quickly and accurately.

Fast, Easy Bit Changes

There's no need to remove the router or fumble beneath the top to change bits. CMT's clever bent wrench allows you to change bits from above, quickly and easily. Shipping weight kg. 15

999.501.10 Pivoting, Zero-Clearance Fence with New Clamping System

Our extruded aluminum fence can be used as conventional locked-in-place fence or as a pivoting fence. New, quick-adjusting clamps on both ends of the fence make adjustments a breeze, especially when used in conjunction with the aluminum scales that we've added to the table top. The fence also includes a subfence of high density white plastic for an ultra smooth feeding surface, with a replaceable center section to create zero-clearance inserts. Shipping weight kg. 8,5

999.501.03 Sturdy Melamine Cabinet

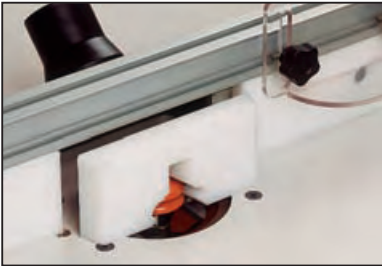
The sturdy 20mm-thick melamine cabinet assembles quickly with posts and cross dowels, and includes a 2-door storage area to keep bits, wrenches and other tools safe and dust-free. Shipping weight kg. 32,5

Optional

- 991.001.00 Bent Wrench 1-1/8" Porter Cable
- 991.002.00 Bent Wrench 53/64" Hitachi
- 991.003.00 Bent Wrench 15/16" Bosch & Makita
- 991.004.00 Bent Wrench 7/8" CMT, DeWalt & Fein
- 991.005.00 Bent Wrench 17mm
- 991.006.00 Bent Wrench 24mm



Optional accessories
Bent Wrench allows easy bit changes.



999.502.10 Center section of the fence is removeable to make interchangeable insert.



999.501.06 Dual post and guard helps make freehand work safer.

DESCRIPTION	ORDER NO.
Industrio™ routing system	999.500.01
Optional: Electric safety switch	999.100.11
Universal plate complete with aluminium rings, not bored (suggested for non CMT routers)	999.502.23

CMT router table

For the part-time woodworker, we have designed this compact work table to give you maximum versatility and maximum safety. We take your work and your safety seriously. The technicians here at CMT drew from their own experience to create this table as the ideal companion for the beginning woodworker. The laminated MDF surface sits 30cm high and measures 40 x 43 x 2cm, making it a spacious work area to easily accommodate all smaller model routers. The universal plate is adaptable to all makes of routers and can fit any size cutting diameter router bit up to 36mm. The perfect combination of quality and price.

999.200.00

Router table dimensions:
43x40x (h) 30 cm. - Weight Kg. 7,3



DESCRIPTION	ORDER NO.
CMT router table (complete)	999.200.00
Parts included with the table:	
1) Heavy gauge steel legs	999.200.01
2) MDF laminated wood surface 43x40x20 centimetres	999.200.02
3) Universal plate for cutting diameter of up to Ø36mm	999.200.03
4) Alu support for wooden fence	999.200.04
5) Longitudinal fence in wood and aluminium	999.200.05
6) Lexan® support shield	999.200.06
7) Vacuum hose	999.200.07
8) Standing spring press	999.200.08
9) Moulded ABS feather board	999.200.09
Parts not included with the table:	
Electric safety switch	999.100.11
Miter gauge	999.100.10

CMT-Enlock joining system

The innovative CMT-Enlock joining system is designed to build the strongest "T" joints, "Miter" joints and "Edge-to-edge" assemblies using the patented E15 and E10 dovetail keys. The dovetail slots in each part to be joined are machined quickly and accurately using the CMT-Enlock jig. Simply clamp your workpiece in the jig, set the bit depth and you are ready to rout. The jig features strong cast aluminium construction throughout the body, top plate, stops and clamping bar producing perfect and strong joints for life!

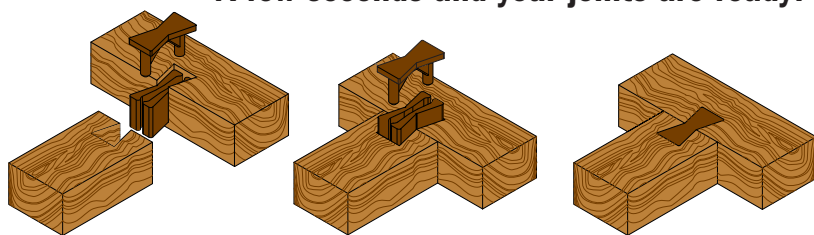
CMT-Enlock1

Patent No. AU2005/903586
PCT/AU2006/000957

Width range 30~75mm
Thickness range 19~35mm



A few seconds and your joints are ready!



Order now!

CMT-Enlock1	Complete joining system
CMT-Enlock10	Masterpack 50 keys Ø9,5mm
CMT-Enlock15	Masterpack 50 keys Ø12,7mm
718.098.11B	Dovetail bit Ø9,5mm (shank 6mm)
718.127.11B	Dovetail bit Ø12,7mm (shank 6mm)
818.098.11B	Dovetail bit Ø9,5mm (shank 6,35mm)
818.128.11B	Dovetail bit Ø12,7mm (shank 6,35mm)

Here are a few of the beautiful joints you can produce using CMT-Enlock Jig



Universal dovetail jig

CMT300

Max Length 305mm
Joint Thickness 11~25mm

Dovetail joints give a lasting symbol of craftsmanship to your work, but many woodworkers avoid the joint due to its apparent complexity. CMT's new 305mm (12") Dovetail Jig is the fast, easy solution. With precise templates, permanent stops and easy adjustments, we've taken the "tinkering" out of dovetail joinery. You simply clamp your workpiece in with the edges against the factory-set stops, set your bit depth, and you're ready to rout. We haven't cut any corners on quality either. This jig features steel construction throughout - body, templates, stops and clamping bars - so it will still produce perfect joints long after jigs with lightweight plastic parts have gone to the scrap heap. The jig accepts stock from 11 to 25mm (7/16" to 1") thick, and is capable of producing a variety of joints with the available templates. The standard jig includes a template for 12,7mm (1/2") half blind joints, a template guide (some routers require adapter, see below), a CMT carbide tipped dovetail bit and complete instructions. Optional templates are also available for through-dovetail and box joints.

RUGGED STEEL TEMPLATES

CLOSED-SECTION STEEL CLAMPING BARS

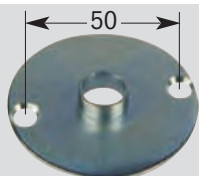
FACTORY-PRESET STOPS

MASSIVE STEEL BODY PROVIDES SOLID SUPPORT

EASY-TO-GRID HANDLES

Standard equipment

- Standard blind template Ø12,7mm silver color **CMT300-T128**
 - Template guide Ø15,8 x 4mm
- 899.005.00**



IMPORTANT TIP

HW DOVETAIL BITS (not included):

718.127.11	D=12,7mm	A=14°	S=6mm
818.128.11	D=12,7mm	A=14°	S=6,35mm
918.127.11	D=12,7mm	A=14°	S=8mm
818.628.11	D=12,7mm	A=14°	S=12,7mm



Will the template guide fit my router?

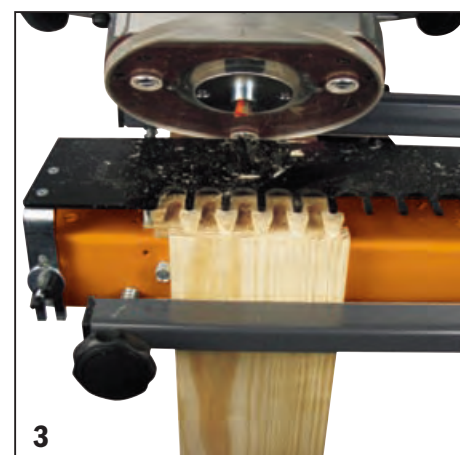
The guides attach using two screws spaced 2" on center. Many routers accept this design. If your router does not, order the Universal Base listed below.

Universal router base

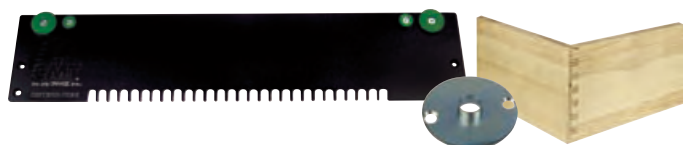
For shank=Ø8 and 12mm
For shank=Ø6,35 and 12,7mm

Order no.
CMT300-SB1
CMT300-SB2

Here's how it works:



Half blind template



Template length mm	Dovetail size mm	Thickness mm	Color	ORDER NO.
300	6,3	8 ~ 12	green	CMT300-T064

Supplied with precision guide Ø7,8x4mm

899.003.00

To be used with CMT dovetail router bits:

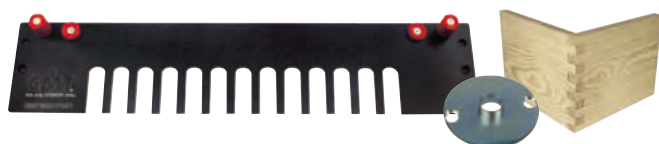
Bit HW Ø6 x 8mm (shank Ø6mm)

718.060.11

Bit HW Ø6,35 x 8,3mm (shank Ø6,35mm)

818.064.11

Box joint template



Template length mm	Dovetail size mm	Thickness mm	Color	ORDER NO.
300	8	8 ~ 20	blue	CMT300-T080

Supplied with precision guide Ø11,1x4mm

899.004.00

To be used with CMT straight router bits:

Bit HW Ø8 x 25mm (shank Ø6,35mm)

811.081.11

Bit HW Ø8 x 30mm (shank Ø8mm)

912.080.11

Template length mm	Dovetail size mm	Thickness mm	Color	ORDER NO.
300	12,7	8 ~ 20	red	CMT300-T127

To be used with CMT straight router bits:

Bit HW Ø12,7 x 30mm (shank Ø6,35mm)

812.127.11

Bit HW Ø12,7 x 30mm (shank Ø8mm)

912.127.11

Bit HW Ø12,7 x 25mm (shank Ø12,7mm)

811.627.11

Through dovetail template



Template length mm	Dovetail size mm	Thickness mm	Color	ORDER NO.
300	12,7	8 ~ 20	brown	CMT300-T129

Supplied with precision guide Ø11,1x4mm

899.004.00

To be used with CMT straight router bits:

Bit HW Ø8 x 25mm (shank Ø6,35mm)

811.081.11

Bit HW Ø8 x 30mm (shank Ø8mm)

912.080.11

To be used with CMT dovetail router bits:

Bit HW Ø12,7 x 20mm (shank Ø6,3mm)

818.129.11

Bit HW Ø12,7 x 20mm (shank Ø8mm)

918.129.11

Template length mm	Dovetail size mm	Thickness mm	Color	ORDER NO.
300	19	15 ~ 22	violet	CMT300-T190

Supplied with precision guide Ø22x4mm

899.006.00

To be used with CMT straight router bits:

Bit HW Ø12,7 x 30mm (shank Ø6,35mm)

812.127.11

Bit HW Ø12,7 x 30mm (shank Ø8mm)

912.127.11

Bit HW Ø12,7 x 25mm (shank Ø12,7mm)

811.627.11

To be used with CMT dovetail router bits:

Bit HW Ø19 x 22mm (shank Ø6mm)

718.190.11

Bit HW Ø19 x 22mm (shank Ø6,35mm)

818.190.11

Bit HW Ø19 x 22mm (shank Ø8mm)

918.190.11

Bit HW Ø19 x 22mm (shank Ø12mm)

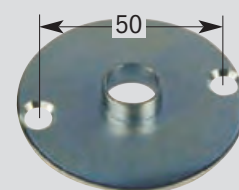
918.690.11

Bit HW Ø19 x 22mm (shank Ø12,7mm)

818.690.11

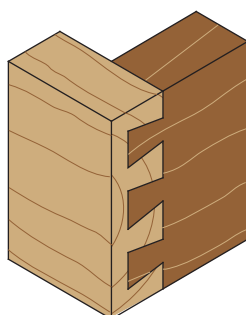
Precision guide for router:

7,8 x 4mm	899.003.00
11,1 x 4mm	899.004.00
15,8 x 4mm	899.005.00
22 x 4mm	899.006.00
30 x 4mm	899.007.00



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

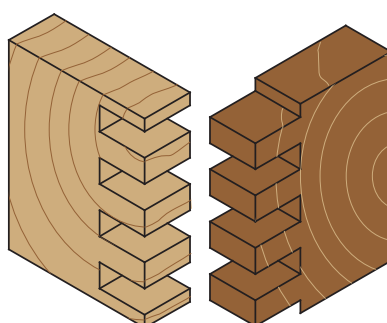
Half blind



CMT300 - T064

CMT300 - T128 (INCLUDED with CMT300)

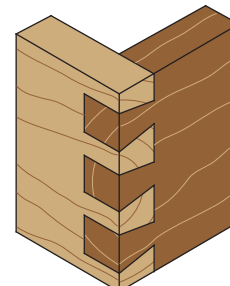
Box Joint



CMT300 - T080

CMT300 - T127

Through Dovetail



CMT300 - T129

CMT300 - T190

Ellipse & circle cutting jig

CMT3000

Ellipse & Circle Cutting Jig

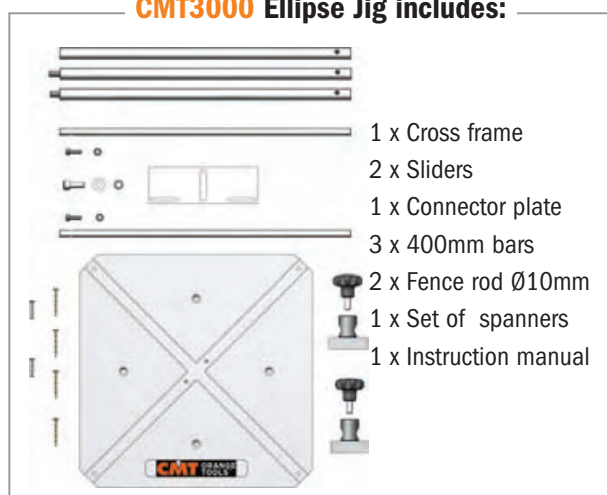
Designed to enable cutting of ellipses and circles with any type of router.

Simple and rapid system for cutting ellipses and circles for tables, windows, doors and other circle and ellipse shaped products. With two slides in the T-slot, you can cut ellipses, by using one slide, the jig can be adapted for cutting circles.



Slider in T-Slot of the cross frame

CMT3000 Ellipse Jig includes:



Major axis	Minor axes	
	Max	Min.
3000	2890	2590
1800	1690	1390
1500	1390	1090
1030	920	620
900	790	620
730	620	620
Cutting radius min/max		550/1500
Package dimension (mm)		405x360x54
Weight		6,6 kg.

ACCESSORIES (optional):

Robust bar 400mm_CMT3000-7

To extend the working radius.

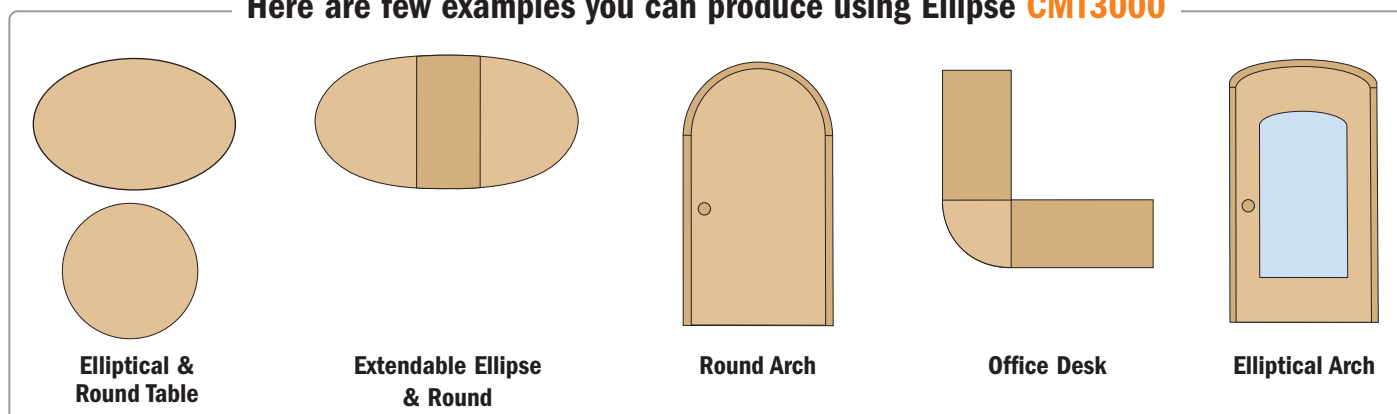
2 pcs of fence rod Ø8 for router_CMT3000-8

For hobby or DIY router with bars up to 8mm in diameter.

Ellipse & Circle Cutting Jig

- Exact and rapid forming of ellipses and circles.
- Simple setting-up and effective operating.
- Clamping system for all types of routers.
- Cross frame made of special plastic with excellent sliding performance.
- Precisely machined T-Slots and steel sliders.
- All metal parts zinc-coated against the effects of rust.
- Delivered in carton box including instruction manual.

Here are few examples you can produce using Ellipse CMT3000



DESCRIPTION	ORDER NO.
Ellipse & circle cutting jig	CMT3000



CMT650

For perfect joint

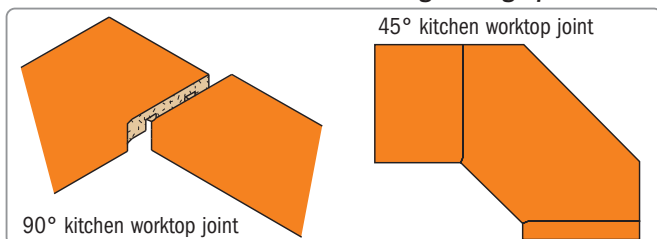
For kitchen worktop width from 420mm to 650mm

CMT650 is designed to cut kitchen worktop joints with any type of router.

Letter code system for different operations makes the work with the jig much easier and very quick.



Joint made in 15 minutes! Including setting-up time.

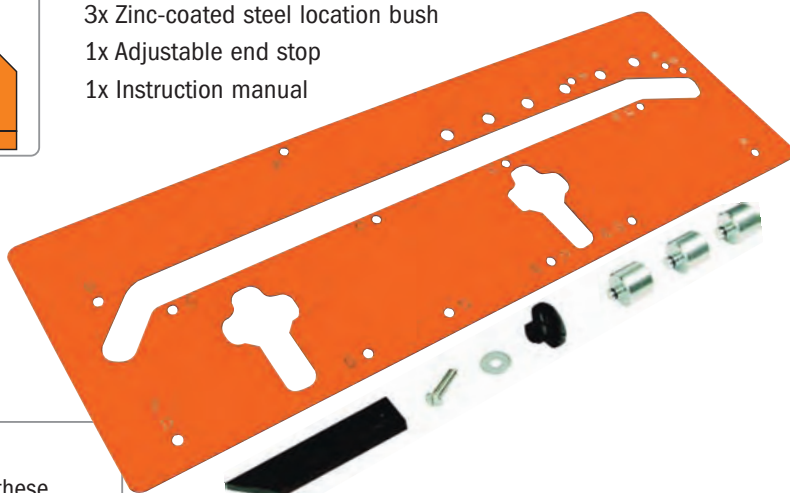


JIG INCLUDES:

- 1x Phenolic Template
- 3x Zinc-coated steel location bush
- 1x Adjustable end stop
- 1x Instruction manual

JIG REQUIRES:

- Portable router
- Guide bush Ø30mm
- HW straight bit Ø12mm
- Two clamps



652

912

Bits for the jig:

We recommend the use of these straight bits Ø12mm:

912.120.11	Ø12x31,7 S=8mm
652.120.11	Ø12x28,3 S=8mm
912.621.11	Ø12x38,1 S=12mm
912.622.11	Ø12x50,8 S=12mm
812.620.11	Ø12x31,7 S=12,7mm
812.621.11	Ø12x38,1 S=12,7mm
652.121.11	Ø12x48,3 S=12mm
652.621.11	Ø12x48,3 S=12,7mm

CMT650 is designed for 12mm straight bit.

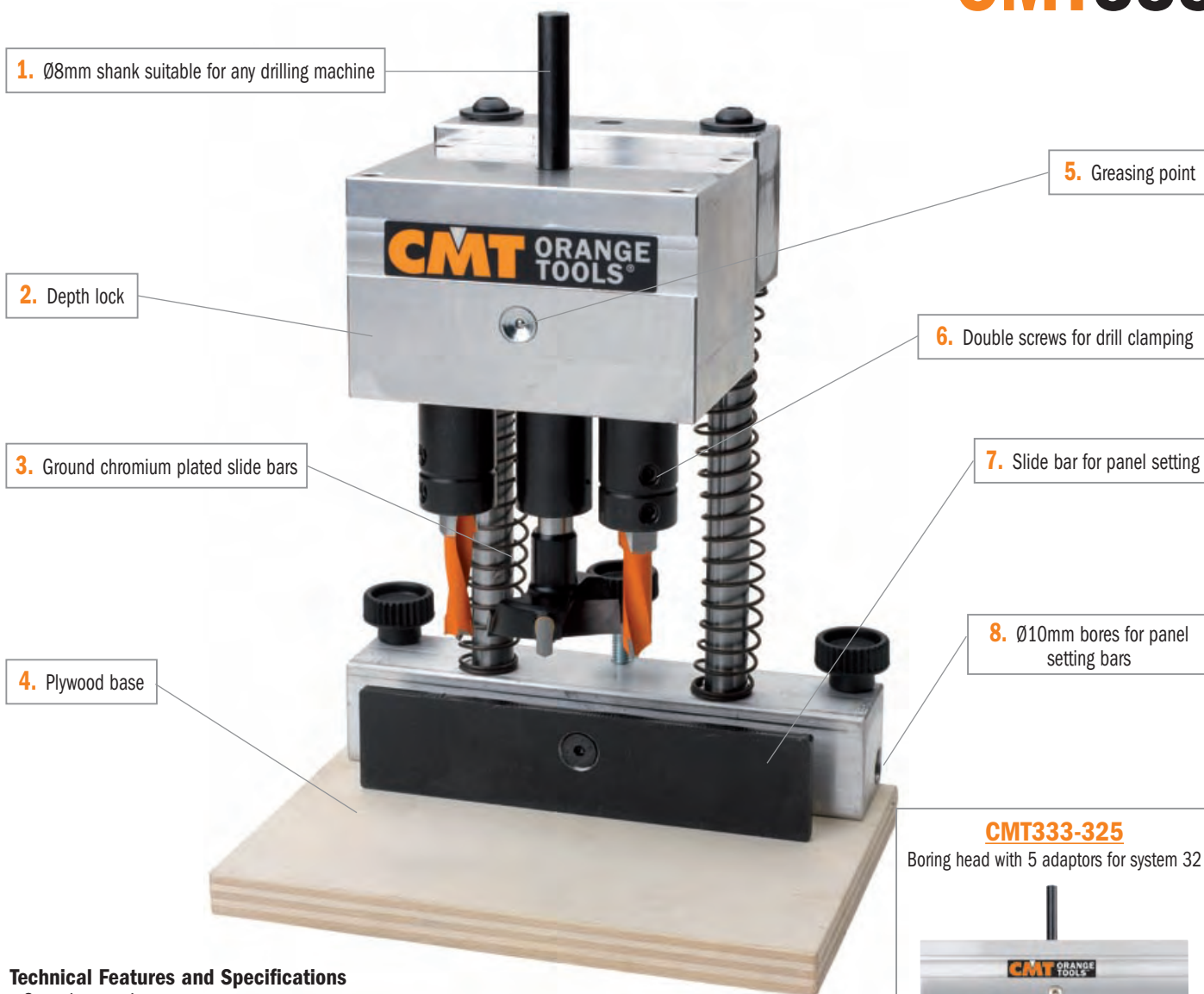
- Template made of stable and hardened material.
- For joints of 90° and 45°
- Integrated templates for rounding over and chamfering edges.
- Extra location bush for worktop width of 600mm.
- Two integrated templates for panel bolt recesses.
- Delivered with clear and comprehensive instruction manual.

DESCRIPTION	ORDER NO.
Kitchen worktop jig	CMT650

Universal hinges boring system

The innovative CMT333 hinges boring system with 3 spindle-head allow you to bore the holes for any hinges brand, from Salice to Blum, from Hettich to Würth, from Mepla to Grass. The universal modular base supports the installation of 5 different boring heads engineered by the worldwide leading company for the industrial boring machines. Use the CMT333 universal hinges boring system on all hand or standing drilling power tools!

MADE IN ITALY
CMT333



CMT333-325

Boring head with 5 adaptors for system 32



Technical Features and Specifications

- Complete anti-rust parts
- Ground aluminium (Avional)
- Max 5000 RPM
- Six radial antifriction bearings

Safety Tips: for lubrication use oil Mobil SHC100



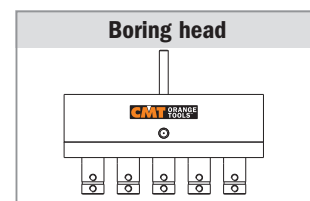
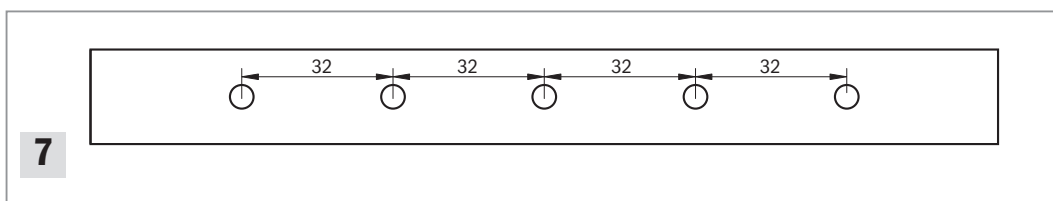
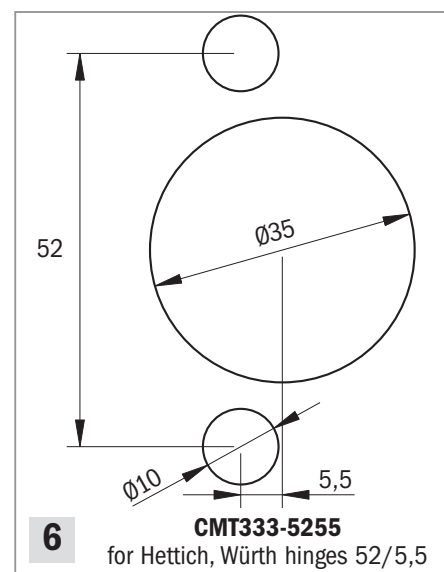
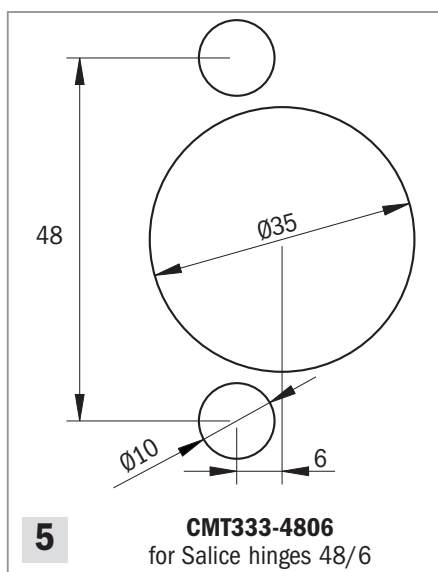
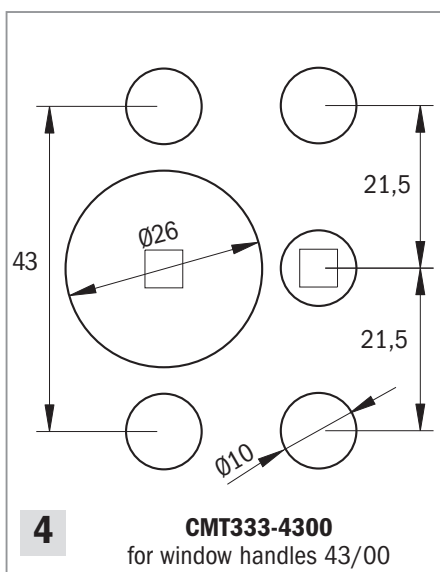
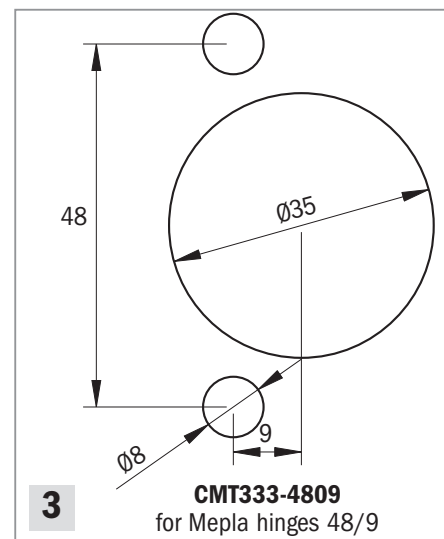
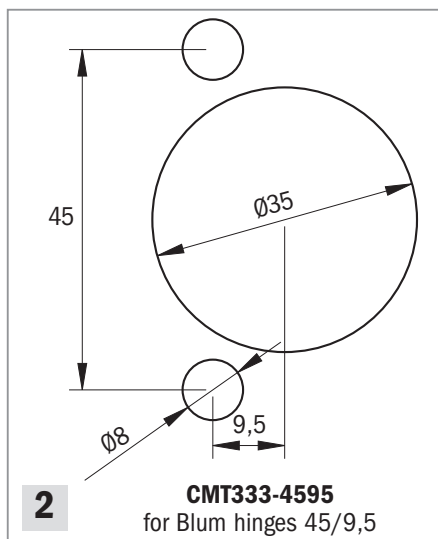
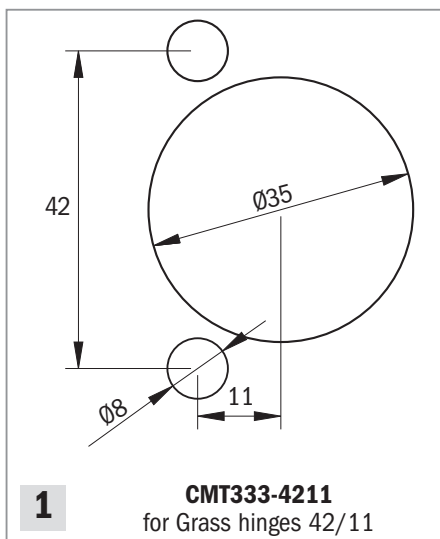
To use on standing drilling machines



To use on standing drilling power tools



To use on CMT Industrio™ router table



7 Boring head with 5 adaptors for system 32

CMT333-325

MAXIMUM VERSATILITY FOR ANY BRAND

Make your set

Choose your hinge

1	Grass	42/11
2	Blum	45/9,5
3	Mepla	48/9
4	Window handles	43/00
5	Salice	48/6
6	Hettich, Würth	52/5,5

Support modular base	Boring heads	Drill bits	Boring bit
ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
CMT333	CMT333-4211	Grass	310.080.12 (2 pcs.)
CMT333	CMT333-4595	Blum	310.080.12 (2 pcs.)
CMT333	CMT333-4809	Mepla	310.080.12 (2 pcs.)
CMT333	CMT333-4300	W/handles	310.100.12 (2 pcs.)
CMT333	CMT333-4806	Salice	310.100.12 (2 pcs.)
CMT333	CMT333-5255	Hettich	310.100.12 (2 pcs.)
			317.350.11

Universal boring template

Universal boring template is designed for precise and productive manual dowelling of furniture elements into a surface with 32mm euro-system, for boring of holes for shelf supports with a diameter of Ø3 and Ø5mm and for boring and marking of holes for hinges. CMT900 contains templates for preboring of holes for the most used hinges. Using the CMT900 template, you can make holes for screws or wood screws of hinge washers on the base element as well as prebore holes for the door hinge including the marking of the Ø35mm hole for the hinge.

CMT900 helps you to obtain high precision and productivity of work.

The template is designed to be used with the special boring adaptor CMT400-1 which supports all kind of drill bits (shank 8mm) with different diameters.

CMT900

For dowelling into a surface

For shelf supports

For hinges



Laminated phenolic material

Clear and understandable template marking

Precise end stops

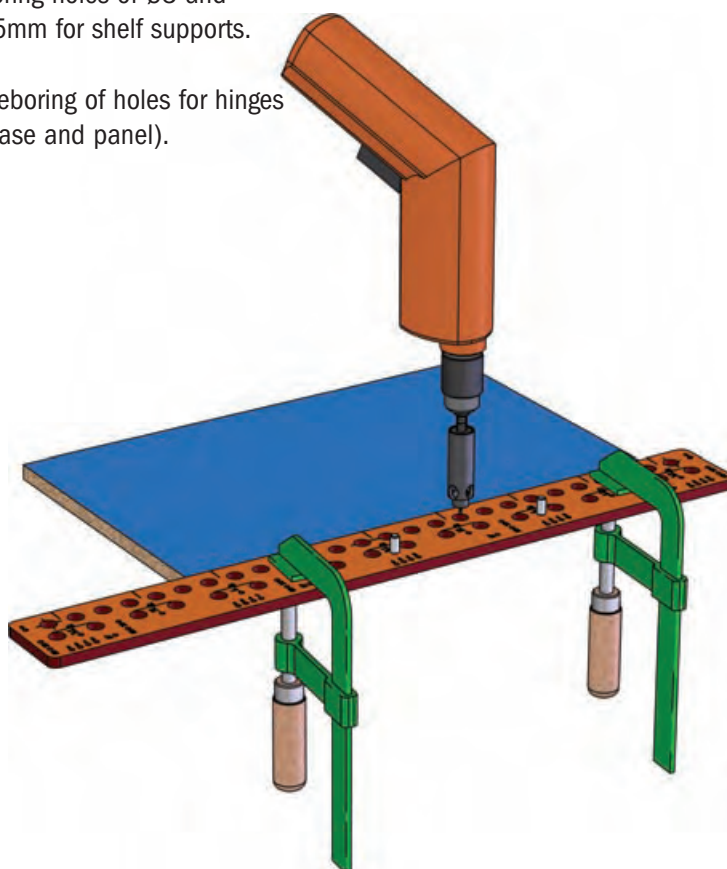
QUICK AND EASY:

Technical data:	CMT900
Max. board width in one tightening:	900mm
Max board width:	no limits
Board thickness:	no limits
For dowels:	Ø8mm
Distance of holes:	32mm
Number of holes:	26
For shelf support:	Ø3mm, Ø5mm
For hinges:	Ø3mm for wood screws Ø5mm for euro screw

Boring into surface for dowel joint using the template.

Boring holes of Ø3 and Ø5mm for shelf supports.

Preboring of holes for hinges (base and panel).



BORING ADAPTORS (not included):

- End stop for different boring depths
- Suitable for any type of drilling machine
- Duralumin body with holes for better chip ejection
- Precise and flat seating for proper alignment.

order no. **CMT400-1**

Boring adaptor for CMT400, CMT656, CMT900 JIGS to be uses with drill bits up to 30mm depth:
306.030.21 - 306.050.11 - 306.080.11



HW DOWEL BITS (not included):

306.030.21	D=3x18mm	S=8x20mm	HWM
306.050.11	D=5x30mm	S=8x20mm	HW
306.080.11	D=8x30mm	S=8x20mm	HW

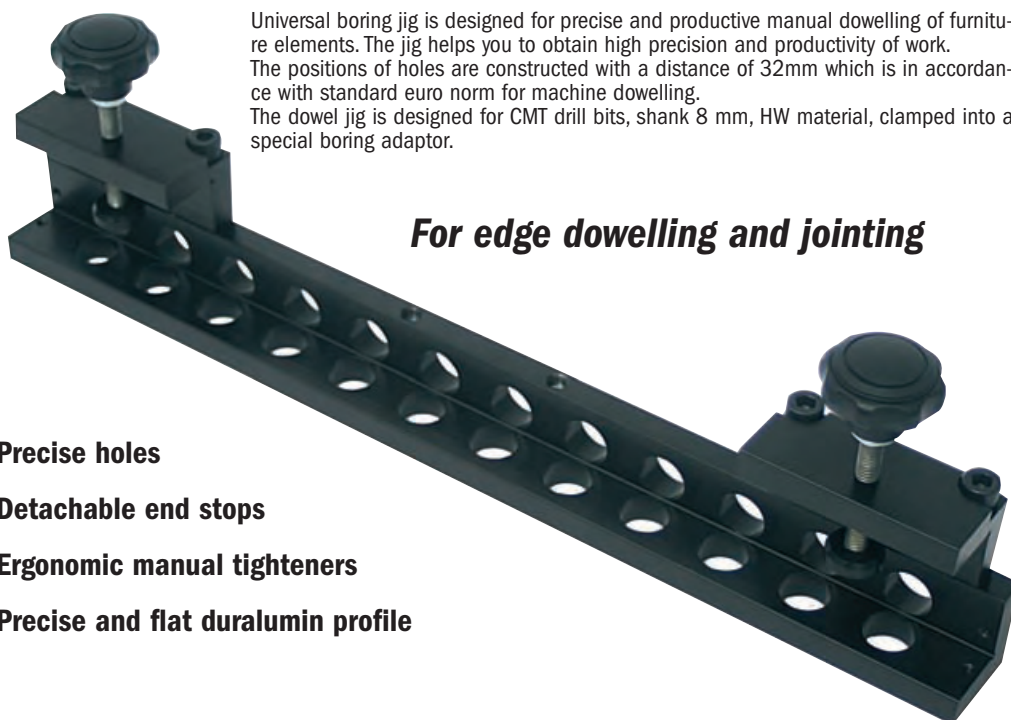
Other sizes availables in series 306-307



CMT900 Boring Template includes:

- Boring template from laminated pertinax
- Set of end stops
- Set of end stops for large elements
- Centering pin for hinges

DESCRIPTION	ORDER NO.
Universal boring template	CMT900



Universal boring jig is designed for precise and productive manual dowelling of furniture elements. The jig helps you to obtain high precision and productivity of work. The positions of holes are constructed with a distance of 32mm which is in accordance with standard euro norm for machine dowelling. The dowel jig is designed for CMT drill bits, shank 8 mm, HW material, clamped into a special boring adaptor.

For edge dowelling and jointing

Precise holes

Detachable end stops

Ergonomic manual tighteners

Precise and flat duralumin profile

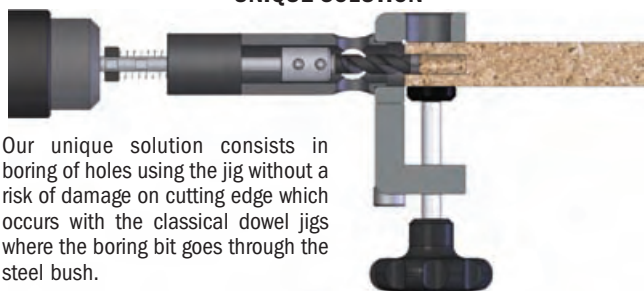
CMT400
CMT656

SPARE CLAMP (optional)

To speed up your work with elements of different width.
Code **CMT400-3**



UNIQUE SOLUTION



Our unique solution consists in boring of holes using the jig without a risk of damage on cutting edge which occurs with the classical dowel jigs where the boring bit goes through the steel bush.

BORING ADAPTORS (not included):

- End stop for different boring depths
- Suitable for any type of drilling machine
- Duralumin body with holes for better chip ejection
- Precise and flat seating for properly alignment.

order no. **CMT400-1**

Boring adaptor for CMT400, CMT656, CMT900 JIGS to use with drill bits up to 30mm depth:
306.030.21 - 306.050.11 - 306.080.11 - 307.050.11

order no. **CMT400-2** (for screw joints)

Boring adaptor for CMT400, CMT656, CMT900 JIGS to use with drill bits: 307.050.11



HW DOWEL BITS (not included):

306.030.21	D=3x18mm	S=8mm	HWM
306.050.11	D=5x30mm	S=8mm	HW
306.080.11	D=8x30mm	S=8mm	HW
307.050.11	D=5x40mm	S=8mm	HW for screw joints
307.070.11	D=7x40mm	S=8mm	HW for screw joints

Other sizes availables in serie 306-307-367-368



3 Easy steps for your dowel joints



Put the jig on the board, fix the end stop and tighten it. Set the bore depth and clamp the boring adaptor on your drilling machine. Bore the vertical holes.



Fasten the jig on the other element, fix the end stop and set the bore depth. Bore the horizontal holes.



Now just put the dowels with glue into the holes and joint both elements.



Or use through holes bits and screw the elements together.

Technical data:	CMT400	CMT656
Max. board width in one tightening:	400mm	656mm
Max board width:	no limits	
For dowels:	Ø8mm	Ø8mm
For through holes:	Ø7mm	Ø7mm
Distance of holes:	32mm	32mm
Number of holes Ø18mm:	2x12	2x20
Board thickness:	16-40mm	16-40mm
Facet (elements lap):	0,8mm	0,8mm

DESCRIPTION	ORDER NO.
Universal boring jig (400mm in one tightening)	CMT400
Universal boring jig (656mm in one tightening)	CMT656

Diamond whetstone

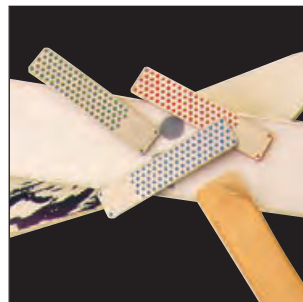
For professional, Industrial and home users

FAST Quality real diamonds, the hardest material known, reduces the sharpening process.

EASY With little pressure, stroke blade across surface.

DURABLE Natural diamond used guarantees a long life.

VERSATILE Hones any hard material, steel, glass, ceramic and tungsten carbide, etc.



Sharpen, hone and lap

- axes
- bayonets
- broadheads
- cable cutters
- carbide cutters
- chainsaws
- chisels
- climbing equipment
- engraving tools
- farm and garden tools
- fish hooks
- Fostner bits
- knives
- lapidary tools
- lawn mower blades
- masonry borer
- moulds and dies
- plane blades
- planer /jointer knives
- pruners
- ring tool
- router bits
- saw blades
- scissors
- shears
- ski and snowboard edges
- small contact area and pointed tools
- speed and hockey skates
- woodcarving scrapers
- woodturning tools

Abrades hard material

- ceramic
- composites
- fibreglass
- glass
- stainless steel
- stone
- titanium
- tool steel
- tungsten carbide

Flatten

- chisel backs
- engine heads
- machine bolsters and ways

Mini-diamond whetstone in plastic case

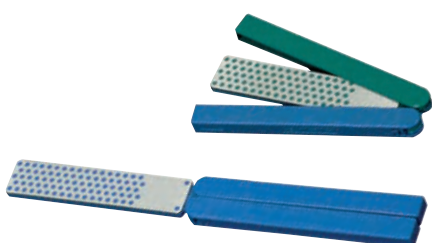
Dimensions mm	Grains	Colour	ORDER NO.
70 x 24 x 2	D15 extrafine	green	DSS-070E
70 x 24 x 2	D25 fine	red	DSS-070F
70 x 24 x 2	D46 coarse	blue	DSS-070M

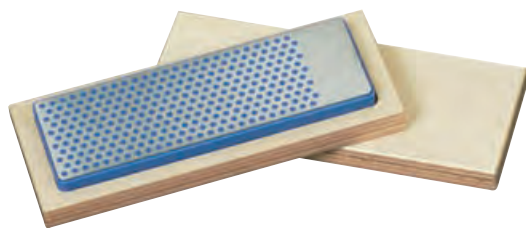
Universal diamond whetstone in leather sheath

Dimensions mm	Grains	Colour	ORDER NO.
115 x 25 x 3	D15 extrafine	green	DSS-115E
115 x 25 x 3	D25 fine	red	DSS-115F
115 x 25 x 3	D46 coarse	blue	DSS-115M
115 x 25 x 3	D76 extracoarse	black	DSS-115G

Diamond whetstone hinged, double sided

Dimensions mm	Grains	Colour	ORDER NO.
115 x 25 x 5	D15/25 extrafine/fine	green/red	DSS-115EF
115 x 25 x 5	D15/46 extrafine/coarse	green/blue	DSS-115EM





Universal diamond whetstone in hardwood case

Dimensions mm	Grains	Colour	ORDER NO.
150 x 52 x 16	D15 extrafine	green	DSS-150E
150 x 52 x 16	D25 fine	red	DSS-150F
150 x 52 x 16	D46 coarse	blue	DSS-150M
150 x 52 x 16	D76 extracoarse	black	DSS-150G

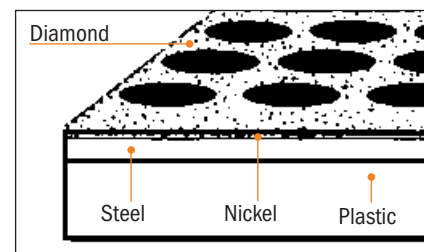


Diamond whetstone file

Dimensions mm	Grains	Colour	ORDER NO.
100 Ø4,8	D54 coarse	blue	DSS-048M

Unique production process guarantees a long life

A perforated steel plate is moulded onto a strong plastic base using high pressure. The steel is then covered with natural diamonds embedded in nickel plate. The pattern of diamond coating ensures fast sharpening while the plastic indents hold the lubricating water and disperse the fine dust that the diamonds remove during the sharpening process.



The diamond whetstones are available in four mesh for different purposes:

D15 EXTRAFINE/GREEN (9 microns, 1200 mesh)

Refines and polishes the sharp edges to razor sharp perfection. If you are new to sharpening or if you do not need your knife or tool edge to be as sharp as absolutely possible, this grit is not recommended. But if it's not sharp until it's sharp enough for you, this is the grit you are looking for!

D25 FINE/RED (25 microns, 600 mesh)

Restores to a fine edge any knife or tool that is slightly dull. Many of our customers consider the fine grit to be medium/all purpose sharpener. Professional Chefs and gourmet cooks prefer using our fine grit models. For woodworkers and sportsmen who are stepping through the grits, it's the edge refinement step done before micro bevelling and polishing.

D46 COARSE/BLUE (45 microns, 325 mesh)

Quickly restores a dull edge to cutting sharp again. Customers that desire cutting fast action without worry of edge refinement often use our coarse models.

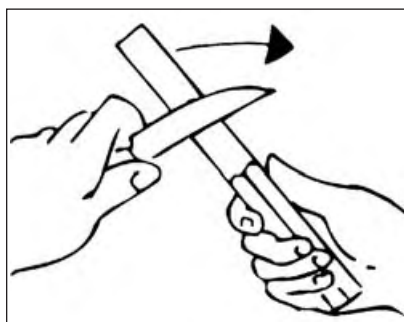
D76 EXTRA-COARSE/BLACK (60 microns, 220 mesh)

Recommended for aggressive removal of metal on damaged tools or for heavy-duty outdoor tools such as axes and lawn mower blades. Also commonly used as the first step in flattening the backs of chisel and plane irons and for rapid stock removal from a chipped or badly damaged edge.

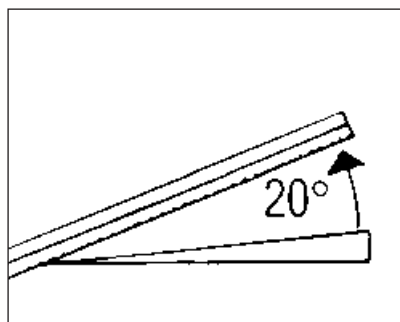
INSTRUCTIONS

Use water for lubrication, after use, rinse and store dry.

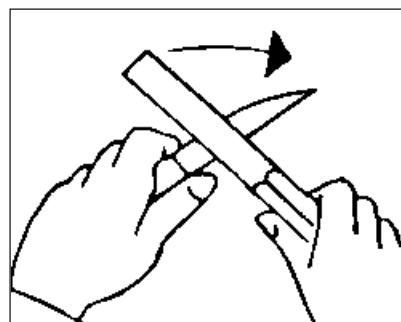
1. Keep your knife with cutting edge away from you.



2. Apply some water to the stone surface. Hold blade 20° to diamond surface.



3. With little pressure and in long strokes push the blade across surface. From edge heel to edge tip, alternately on both sides. For pointed tools. Use the unperforated diamond area.





Exclusively from your CMT distributor

Turn your router into a remarkable carving tool. It's fast, easy, and a whole lot of fun!

Who says that intricate woodcarving requires an artist's touch? Thanks to the patented 3D Router Carver System, anyone with a plunge router can create any of the beautiful designs shown on these pages in just minutes. Decorate doors, drawers, cabinets, furniture or just about any flat wooden surface with one or more of these designs. How does it work? The secret is in the 3D Router Carver Bit and the way that bit interacts with the carving templates. The V-Groove router bit is enclosed in a 45° cone-shaped guide. You rout with the plunge mechanism of your router unlocked, allowing the bit to move up or down as the router moves forward. As the slot in the template get wider, the bit moves down, producing a wider, deeper V-groove. As the slot gets narrower, the bit moves up, and the groove gets narrower and shallower. It sounds simple, and it is! (that's why the system is patented worldwide). Please see the illustrations below for more details on the carving technique. You'll receive complete instructions with your 3D Carver templates. For an informative visual demonstration, check out the 3D Router Carver video on our web site.

What do you need to get started?

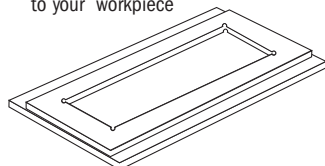
- The 3D Router Carver Bit
- The Carver Template of your choice
- The Holding Frame to match your template (see the charts with the templates)
- Your plunge router

(Note: Be sure the opening in the base of your router is at least 47,6mm in diameter. If it isn't, you'll need to make a sub-base to accept the large diameter of the 3D Carver bit.)

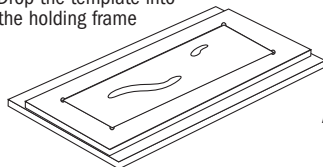
DESCRIPTION	ORDER NO.
3D router carver bit & sleeve (8mm shank)	RCS-BIT8
3D router spare bit (8mm shank)	RCS-CUT8
3D router carver bit & sleeve (12,7mm shank)	RCS-BIT
3D router spare bit (12,7mm shank)	RCS-CUT

Here's how it works:

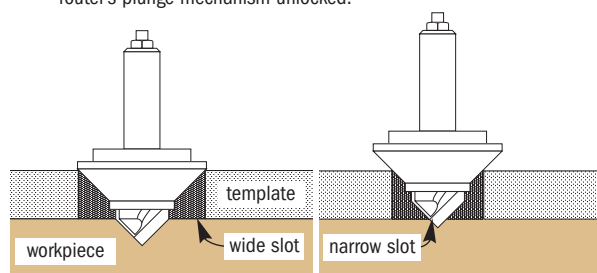
1. Clamp or tack the holding frame to your workpiece



2. Drop the template into the holding frame

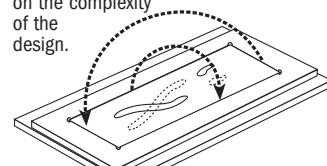


3. Plunge the bit into a wide part of the slot and rout with the router's plunge mechanism unlocked.

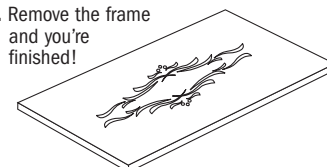


Allow the plunge mechanism to move up and down as you advance. Wider template slots allow wider, deeper grooves. Narrower slots produce shallower grooves.

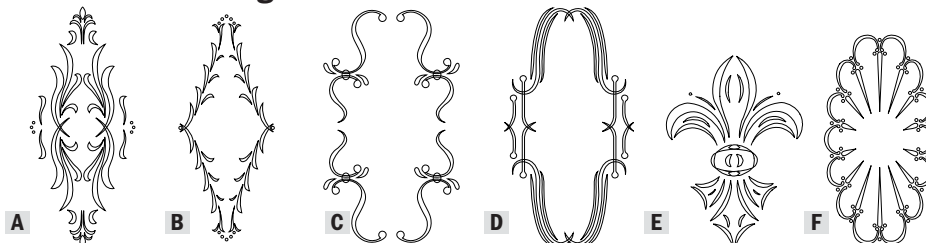
4. With the frame still in place, flip the template & rout again. Some templates will be routed 2 to 4 times, depending on the complexity of the design.



5. Remove the frame and you're finished!



Cabinet Door & Panel Carvings

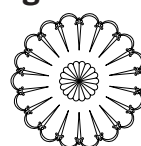


These designs are ideal for the doors or panels of cabinets, entertainment centers, fireplace surrounds or almost any flat surface. See the designs below for complementary patterns for drawers, rails and corners. Approximate carving time 5 minutes.

DESCRIPTION	Carving dimensions mm	No. of templates	ORDER NO.
Classical cabinet door - A	440 x 185	2	RCS-302
Florentine cabinet door - B	415 x 170	2	RCS-304
Cascade cabinet door - C	365 x 210	1	RCS-305
Roma cabinet door - D	375 x 200	1	RCS-306
Fleur-de Lys door - E	250 x 180	4	RCS-805
Spanish fan template - F	380 x 200	2	RCS-806
Cabinet door holding frame			RCS-003

Southwestern Carving Designs

These popular Southwestern designs are actually several shapes in one. Both sizes can be routed as circular carvings, or use only portions of the template to suit your project.



Rout the complete Spanish Fan Design or make partial rosettes



DESCRIPTION	Carving dimensions mm	No. of templates	ORDER NO.
Large spanish fan	400	1	RCS-801
Small spanish fan	200	1	RCS-802
Rosette holding frame			RCS-007

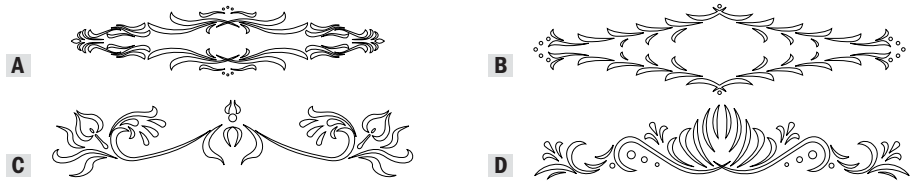




Tip: Many carvings, like the Florentine Rail, are enhanced with the additional of a Rosette. See page 62 for the Rosette shown in the photo below.



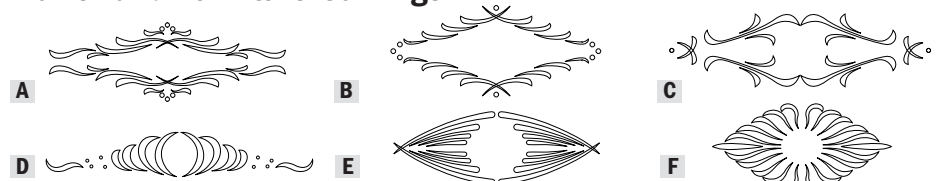
Panel and Rail Carvings



With a long, horizontal shape, these designs are perfect for door rails, headboards, cabinet face frames and valences. Approximate carving time 4 minutes.

DESCRIPTION	Carving dimensions mm	No. of templates	ORDER NO.
Classical rail - A	550 x 120	2	RCS-402
Florentine rail - B	550 x 130	2	RCS-404
Cascade rail - C	530 x 110	3	RCS-405
Folklore rail - D	550 x 110	3	RCS-406
Rail holding frame			RCS-004

Drawer and Furniture Carvings



Originally intended for drawer fronts, these designs are great for lots of other projects: small doors, side panels of cabinets, furniture and more. For door and drawer combinations, match the style of the door designs above. Approx. carving time 4 minutes.

DESCRIPTION	Carving dimensions mm	No. of templates	ORDER NO.
Classical drawer - A	210 x 70	2	RCS-502
Florentine drawer - B	195 x 85	2	RCS-504
Cascade drawer - C	250 x 65	1	RCS-505
Folklore drawer - D	250 x 40	2	RCS-506
Roma drawer - E	190 x 65	2	RCS-507
Blaze drawer - F	250 x 110	2	RCS-510
Drawer holding frame			RCS-005

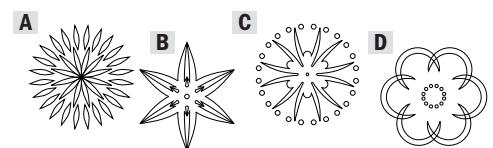
Corner & Small Decoration Carving Designs



DESCRIPTION	Carving dimensions mm	No. of templates	ORDER NO.
Classical corner - A	155 x 40	3	RCS-602
Florentine corner - B	120 x 30	3	RCS-604
Cascade corner - C	190 x 40	3	RCS-605
Folklore corner - D	150 x 45	3	RCS-606
Corner holding frame			RCS-006

Rosette Carvings

You get two templates for the price of one with these designs! Each item includes templates for two sizes of Rosette. Use with the Rosette Frame sold above, or use the large rosettes with the cabinet door frame or small rosettes with rail frame.



DESCRIPTION	Carving diameter mm	No. of templates	ORDER NO.
Rosette #1 & #5 - A	85 & 68	2 & 2	RCS-701
Rosette #2 & #6 - B	88 & 70	1 & 1	RCS-702
Rosette #3 & #7 - C	82 & 65	1 & 1	RCS-703
Rosette #4 & #8 - D	79 & 62	1 & 1	RCS-704
Rosette holding frame			RCS-007

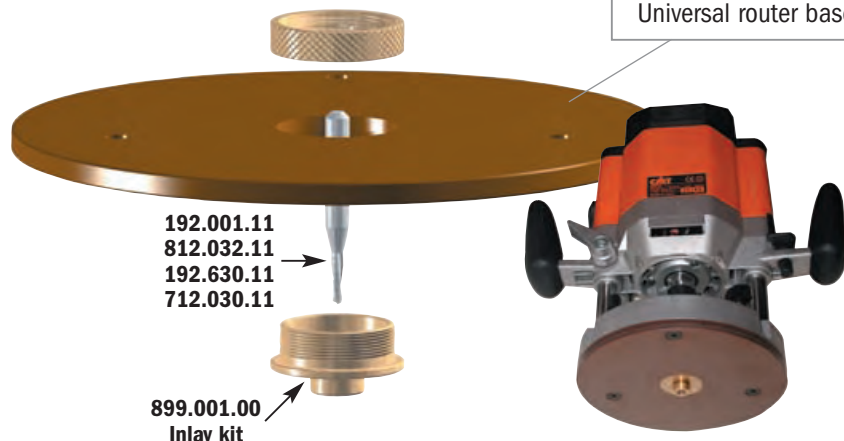
CMT inlay kit

899

Making the beautiful effects of professional inlays isn't as difficult as it may seem if you start with the CMT Inlay Kit. Solid brass components come with either a solid carbide spiral bit or straight bit with 3,2mm (1/8") cutting diameter and 6,35mm (1/4") shank. The interchangeable brass bushing and your own template design make it easy - just remove and re-assemble the small bushing to make the recess in the workpiece and cut out the inlay. The CMT Inlay Kit gives you unlimited decorative possibilities and is the perfect tool for toymaking, puzzle making and lettering ideas. Spiral bit recommended for use in MDF. Straight bits recommended for natural wood.



Complete instructions for how to assemble and use the CMT Inlay Kit are included in the kit.

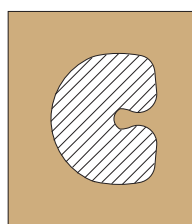


DESCRIPTION	ORDER NO.
Inlay kit with 3,2mm (1/8") HWM spiral bit	Shank Ø6,35mm
Inlay kit with 3,2mm (1/8") HWM straight bit	Shank Ø6,35mm
Solid brass template guide	
Universal router base	
Router base per CMT7E	
HWM spiral bit 3,2mm (1/8")	Shank Ø6,35mm
HWM straight bit 3,2mm (1/8")	Shank Ø6,35mm
HWM spiral bit 3mm	Shank Ø6mm
HWM straight bit 3mm	Shank Ø6mm

Here's how it works:

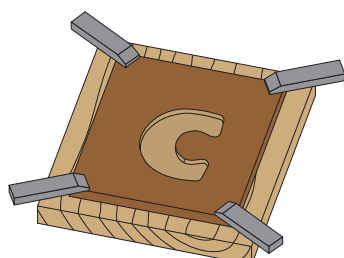
Make your pattern

Make a pattern in the desired shape of your inlay out of 6,35mm (1/4") material. For best results, use Masonite or a similar smooth material, avoid square corners, and be sure the opening is wide enough to accommodate the 14,2mm (9/16") bushing.



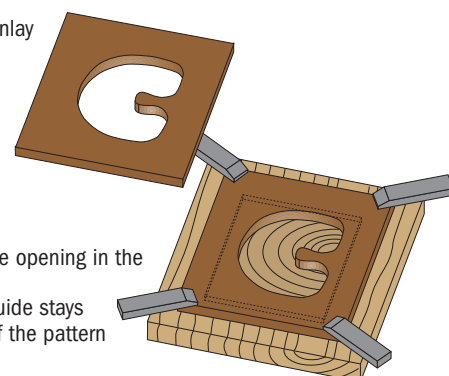
Rout the workpiece

Attach the brass inlay guide to your router with the snap-on bushing in place. Set the bit depth to match your inlay stock. Attach the pattern to your workpiece, and rout out the mortise for the inlay.



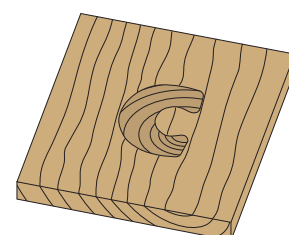
Rout the inlay

Temporarily attach the inlay stock to a piece of scrap with two-sided tape. Now attach your pattern to the inlay material. Take off the snap-on bushing, and very carefully rout around the opening in the pattern. Be sure the template guide stays tight to the perimeter of the pattern at all times.



Put it all together

Test fit the parts, and lightly sand the inlay material if necessary. Apply adhesive, and carefully tap the inlay in place. Use a block of wood to protect the inlay stock. Sand as needed, and you're finished!



Complete detailed english instructions included with the Inlay Kit
Spanish, French, German and Italian instructions available on www.cmtutensili.com

Pocket-Pro™ joinery system

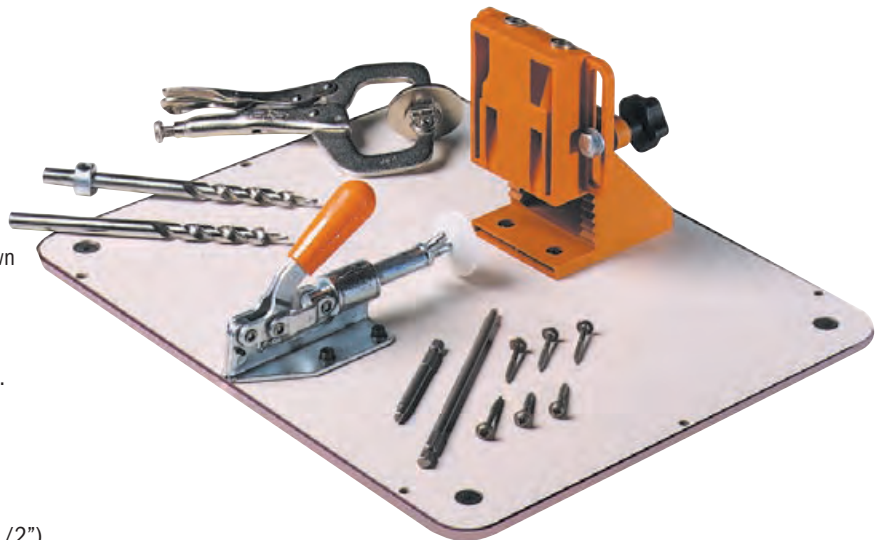
For fast, easy and accurate cabinet & furniture construction, there's never been a tool like the **Pocket-Pro™ Joinery System**. Developed by CMT and professional cabinetmakers this new system lets you make rock-solid pocket hole joints in stock from 12,7mm (1/2") to 40mm (1-5/8") thick, with unprecedented speed and accuracy.

The heart of the Pocket-Pro™ System is our unique molded jig, which features hardened drill bushings and an interlocking 2-piece design. Simply sliding the jig up or down allows you to adjust for stock thicknesses in preset 1,6mm (1/16") increments, without test joints or measurements! If you have used other pocket hole jigs you will be familiar with many applications of the joint, **but** you will enjoy some big advantages with the Pocket-Pro.

For example:

- Some jigs require that you add or remove various portions of the jig to join different stock thicknesses. **Not the Pocket-Pro!** You simply adjust the interlocking jig up or down for the full range of joints, from 12,7mm (1/2") to 40mm (1-5/8") thick!
- Other jigs require frequent repositioning of the Depth Stop Collar for different styles of joint. **Not the Pocket-Pro!** The vast majority of adjustments allow you to leave the Stop Collar in the same position on the drill bit!
- Plus, with the **Pocket-Pro**, you can quickly adjust the location of the pocket in relation to the end of your workpiece to create a stronger joint by using longer screws or to leave more "meat" in the joint.

Check out the Pocket-Pro Joinery System today. Easy enough for the beginner and accurate enough for the pro, the Pocket-Pro is the world's most versatile pocket hole jig.



The Pocket-Pro is now offered in two packages:

PPJ-001 Pocket-Pro™ Deluxe Set:

Packed in a beautiful molded case, the Deluxe system includes the molded jig, an 298mm x 374mm phenolic base (same as in our **CMT Industrio™ Routing System**), a toggle clamp, face clamp, two step drill bits, stop collar, two drivers & sample screws.



All parts fit neatly in molded case

Everything in the Starter Set Plus: Base Plate, Face Clamp & Case

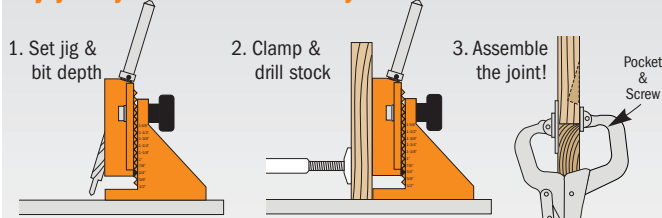
PPJ-002 Pocket-Pro™ Starter Set:

Perfect for anyone who wants an economical introduction to pocket hole joinery, this set is also an ideal choice for woodworkers who want to upgrade from another jig. It includes the two-piece molded jig, toggle clamp, 9,5mm (3/8") step drill bit, stop collar, #2 driver bit and sample screws.

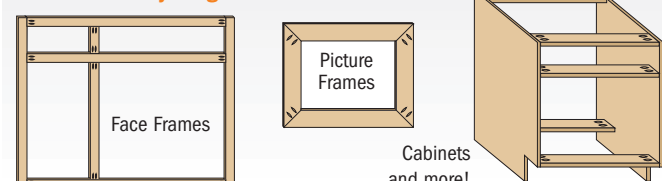


Jig, Toggle Clamp, Drill Bit, Stop Collar, Driver Bit & Sample Screws.

Enjoy Easy Pocket Hole Joinery!



Build almost anything!



POCKET-PRO PARTS AND ACCESSORIES	ORDER NO.
500 screws 31,7mm (fine)	990.101X500
500 screws 31,7mm (coarse)	990.102X500
500 screws 38,1mm (fine)	990.103X500
500 screws 38,1mm (coarse)	990.104X500

ORDER NO.	SET	DESCRIPTION	ORDER NO.
PPJ-001	PPJ-002		
pcs.	pcs.		
1	1	PPJ Starter set	999.505.10
1	1	Toggle clamp	999.505.05
2	1	9,5mm (3/8") step drill bit	515.001.51
1	1	9,5mm (3/8") depth collar for step drill bit	541.095.00
1	1	152mm (6") Square drive screw driver bit	999.505.08
1	1	Masterpack 30 screw 1-1/4"	990.101X30
1		Face clamp with swivel pad	999.505.06
1		6mm (3/8") Square drive screwdriver bit	999.505.07
1		Phenolic insert plate	999.505.04

Organizer

100 bits at your fingertips

When you are constantly working on projects, you always need your most used bits right on hand and safely organized.

CMT gives you the perfect solution for keeping it all in sight and within reach with our 100 piece organizer. Conveniently holds any size router or drill bit by using our interchangeable bushings to fit all CMT shank diameters. See options listed below.



DESCRIPTION	ORDER NO.
Bit organizer (without bushings)	03.51.0106
Interchangeable bushings for shank Ø6mm (20 piece)	03.51.0046A
Interchangeable bushings for shank Ø6,35mm (20 piece)	03.51.0047A
Interchangeable bushings for shank Ø8mm (20 piece)	03.51.0048A
Interchangeable bushings for shank Ø9,5mm (20 piece)	03.51.0057A
Interchangeable bushings for shank Ø10mm (20 piece)	03.51.0058A
Interchangeable bushings for shank Ø12mm (20 piece)	03.51.0059A
Interchangeable bushings for shank Ø12,7mm (20 piece)	03.51.0049A

Formula 2050: blade and bit cleaner

Finally, a safe, environmentally-friendly cleaner that is more effective than all of those hazardous chemicals used to clean cutting tools.

Saw shops know how to get the most out of cutting tools. They know that the pitch and resin that wood leaves behind greatly shortens the useful life of carbide. We had several quality saw blade sharpeners across the country test our Formula 2050. "Phenomenal" and similar words were heard over and over about the performance of Formula 2050.

Most blade and bit cleaning products work with a dissolving action.

It takes some powerful and nasty chemicals to dissolve wood residues and adhesives.

Our safe and non-toxic Formula 2050 penetrates the microscopic cracks in the resin and attacks the bond between it and the carbide or steel surfaces.

The resin releases its grip and you simply wipe it off. A clean cutting surface runs cooler and works less in the cut. The excess friction of a resin-coated blade causes heat build-up and carbide breakdown.

Formula 2050 keeps your tools clean and helps you increase the life span between sharpenings and replacement. We guarantee your satisfaction with the performance of our CMT Formula 2050 Blade and Bit Cleaner.



- Removes pitch, resin and adhesive residue from all woodworking cutting tools (saw blades, router bits, drill bits, shaper cutters, planer blades, etc.).
- Do not rinse after cleaning. Formula 2050 provides protection from rust and corrosion. Keeps your table saw top rust free too!
- Completely non-toxic, non-flammable and certified biodegradable. Formula 2050 is a safe, earth-friendly product.
- Can be applied by spray bottle or used in ultrasonic cleaners and dip tanks.

★★★★★ *This product received a five-star performance rating from "Wood" Magazine*

DESCRIPTION	ORDER NO.
0,500 lt. spray bottle (master packaging 10 bottles)	998.001.01
3,780 lt. plastic jug	998.001.03

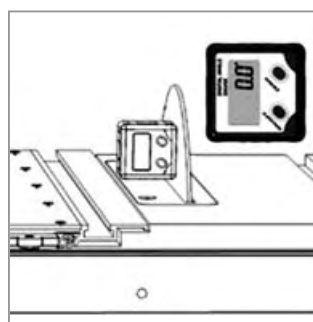
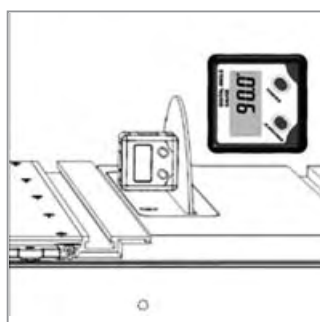
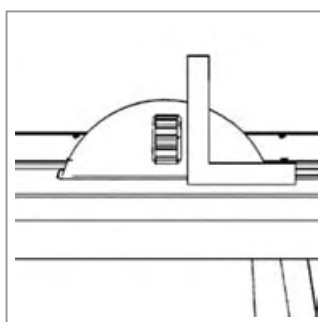
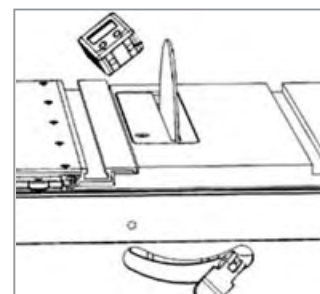
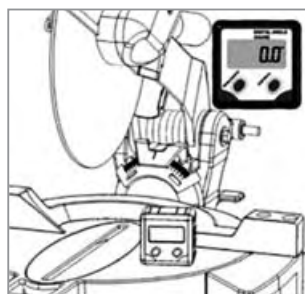


DAG-001

The digital angle gauge is a mini waterproof digital protractor that provides digital readings between $\pm 180^\circ$ with a resolution of 0.1° and auto shut off after 5 minutes. It is small enough to be carried around in a pocket and the LED screen is convenient to read. It incorporates magnets in the base for adhesion to any ferrous surface to accurately measure mitre and bevel angles on mitre saws, saw benches, etc.

TECHNICAL DETAILS:

- battery voltage/type
3V/L lithium;
- size 51 x 51 x 33mm;
- range $\pm 180^\circ$;
- resolution 0.1° .



DESCRIPTION

Digital angle gauge

ORDER NO.

DAG-001

Digital angle finder

DAF-001

This digital angle finder is a multi-functional tool for many measuring applications. Easy to operate the base unit carries the electronics giving a very clear detailed LCD display as well as a pair of levelling vials and a pivoting measuring arm. When the arm is extended the angle it makes with the base is indicated clearly on digital read-out to the nearest 0.5° . The measuring range is $0 - 220^\circ$. The vials allow variations from the vertical and the horizontal to be accurately measured. Other features include a lock function to prevent the last measurement being lost, a low battery indicator and automatic shut off function. The pivot arm has a built in ruler $0 - 320\text{mm}$. Being robust but light in weight this is a very well thought out tool with a lot of uses. Instructions included.

Easy and simple to use;

Calculates angles in seconds;

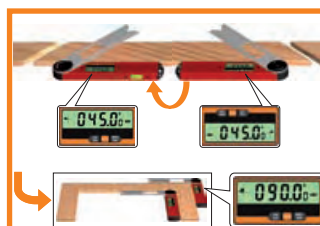
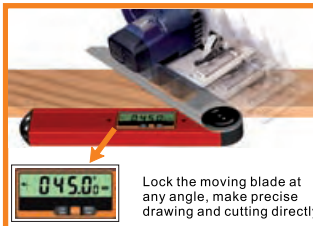
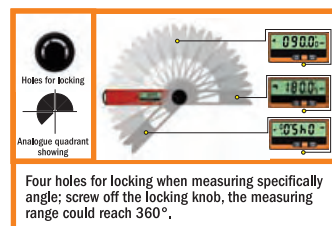
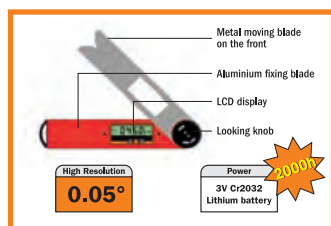
Large detailed LCD display;

Robust, lightweight aluminium construction;

Measuring range of $0 - 220^\circ$.

TECHNICAL DETAILS:

- size 51 x 51 x 33mm;
- range $\pm 180^\circ$;
- resolution 0.1° .



DESCRIPTION

Digital angle finder

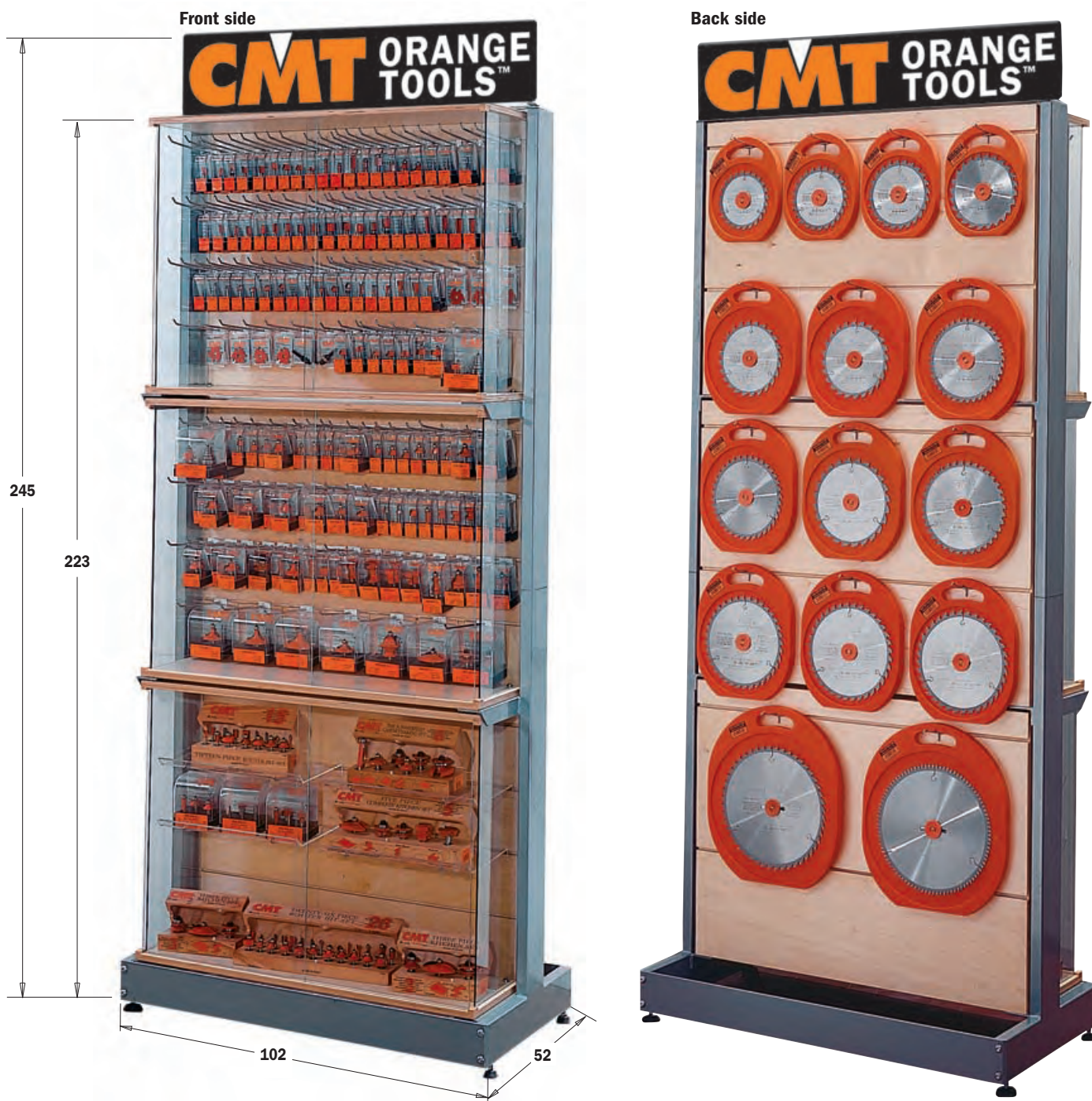
ORDER NO.

DAF-001

Display cabinets

This sturdy structure is hand-crafted using wood, tempered glass and iron and is free-standing to offer 360° visibility and to give you the versatility of positioning the display anywhere you like in the store. The front is a convenient 3 component assembly. The two upper sections are designed to display 141 of the best selling router bits from the CMT router bits line and 20 corresponding spare parts; while 10 of the popular wooden box sets can fit perfectly in the lower section if required. On the other side you can display up to 15 different types of saw blades; 4 of which can be up to 185mm in diameter, 9 of which can be up to 250mm and 2 up to 350mm in diameter.

Dimensions are in cm.



DESCRIPTION	ORDER NO.
Display cabinets with: 240 HW router bits (S=Ø6mm), 21 HW router bits (S=Ø12mm), 60 spare parts, 30 HW saw blades	700.351.00
Display cabinets with: 240 HW router bits (S=Ø8mm), 21 HW router bits (S=Ø12mm), 60 spare parts, 30 HW saw blades	900.351.00
Display cabinets with: 240 HW router bits (S=Ø6mm), 60 spare parts (saw blades at your choice)	700.300.00L
Display cabinets with: 240 HW router bits (S=Ø8mm), 60 spare parts (saw blades at your choice)	900.300.00L
21 pcs. HW router bits with shank Ø12mm for our display cabinet	900.021.00
30 pcs. HW saw blade	200.030.00
Display cabinet only	03.00.0025

List of items included in display cabinets



700.351.00 Shank Ø6-12mm

Order no.	Description	Q.tà	Order no.	Description	Q.tà	Order no.	Description	Q.tà
700.240.00 KIT 240 ROUTER BITS WITH SHANK Ø6MM			900.021.00 KIT 21 ROUTER BITS WITH SHANK Ø12 MM			200.030.00 KIT WITH 30 SAW BLADES		
701.127.11	Mortising bit	2	718.158.11	Dovetail bit	2	900.021.00	Router bits with shank Ø12 mm	1
701.160.11	Mortising bit	2	718.190.11	Dovetail bit	2	900.506.11	Three wing slot cutter set	1
701.190.11	Mortising bit	2	721.030.11	Combination trimmer bit	2	918.658.11	Dovetail bit	1
701.190.11B	Mortising bit	2	724.060.10	Slot cutter arbor	2	938.990.11	Ovolo bit with bearing	1
703.240.11	Chamfer bit	2	727.040.11	Ovolo bit	2	938.991.11	Ovolo bit with bearing	1
704.240.11	Chamfer bit	2	727.050.11	Ovolo bit	2	938.992.11	Ovolo bit with bearing	1
705.240.11	Chamfer bit	2	727.060.11	Ovolo bit	2	938.993.11	Ovolo bit with bearing	1
706.095.11	Flush trim bit w/bearing	2	727.080.11	Ovolo bit	2	954.507.11	Bull nose bit	1
706.096.11	Flush trim bit w/bearing	2	727.095.11	Ovolo bit	2	954.509.11	Bull nose bit	1
706.127.11	Flush trim bit w/bearing	2	735.317.11	Rabbeting bit w/bearing	2	955.501.11	Reverse glue joint bit	1
706.128.11	Flush trim bit w/bearing	2	736.130.11	Chamfer bit w/bearing	2	955.601.11	Finger pull bit	1
706.190.11	Flush trim bit w/bearing	2	736.190.11	Chamfer bit w/bearing	2	955.901.11	Molding bit with bearing	1
707.210.11	Combination flush and bevel trim bit	2	736.280.11	Chamfer bit w/bearing	2	955.902.11	Molding bit with bearing	1
709.260.11	Bevel trim and chamfer bit	2	736.420.11	Chamfer bit w/bearing	2	956.501.11	Molding bit with bearing	1
710.260.11	Bevel trim and chamfer bit	2	737.190.11	Round nose bit w/bearing	2	956.601.11	Table edge and hand rail bit	1
711.020.11	Straight bit	2	737.222.11	Round nose bit w/bearing	2	956.701.11	Table edge and hand rail bit	1
711.030.11	Straight bit	2	737.254.11	Round nose bit w/bearing	2	956.801.11	Multiprofile bit with bearing	1
711.040.11	Straight bit	2	737.286.11	Round nose bit w/bearing	2	956.802.11	Multiprofile bit with bearing	1
711.050.11	Straight bit	2	737.350.11	Round nose bit w/bearing	2	956.851.11	CMT molding system	1
711.060.11	Straight bit	2	738.160.11	Ovolo bit w/bearing	2	956.852.11	CMT molding system	1
711.070.11	Straight bit	2	738.190.11	Ovolo bit w/bearing	2	990.501.11	Raised panel bit	1
711.080.11	Straight bit	2	738.222.11	Ovolo bit w/bearing	2	991.501.11	Rail & Stile set	1
711.090.11	Straight bit	2	738.254.11	Ovolo bit w/bearing	2	900.060.00 KIT WITH 60 SPARE PARTS		
711.100.11	Straight bit	2	738.285.11	Ovolo bit w/bearing	2	541.003.00	Stop collar for top bearing bit	3
711.110.11	Straight bit	2	738.317.11	Ovolo bit w/bearing	2	541.004.00	Stop collar for top bearing bit	3
711.120.11	Straight bit	2	738.380.11	Ovolo bit w/bearing	2	791.002.00	Bearing	3
711.130.11	Straight bit	2	740.270.11	Roman ogee bit w/bearing	2	791.003.00	Bearing	3
711.130.11B	Straight bit	2	740.350.11	Roman ogee bit w/bearing	2	791.004.00	Bearing	3
711.140.11	Straight bit	2	741.285.11	Roman ogee bit w/bearing	2	791.005.00	Bearing	3
711.150.11	Straight bit	2	741.380.11	Roman ogee bit w/bearing	2	791.007.00	Bearing	3
711.150.11B	Straight bit	2	744.287.11	Roman ogee bit w/bearing	2	791.012.00	Bearing	3
711.160.11	Straight bit	2	744.350.11	Roman ogee bit w/bearing	2	791.018.00	Bearing	3
711.180.11	Straight bit	2	745.287.11	Roman ogee bit w/bearing	2	791.023.00	Bearing	3
711.190.11	Straight bit	2	745.350.11	Roman ogee bit w/bearing	2	791.024.00	Bearing	3
711.190.11B	Straight bit	2	746.325.11	Roman ogee bit w/bearing	2	791.025.00	Bearing	3
711.200.11	Straight bit	2	747.325.11	Roman ogee bit w/bearing	2	799.060.00	Bushing	3
711.220.11	Straight bit	2	748.190.11	Roman ogee bit w/bearing	2	990.004.00	Bearing screw	3
711.240.11	Straight bit	2	748.190.11B	Roman ogee bit w/bearing	2	990.005.00	Bearing screw	3
711.250.11	Straight bit	2	749.001.11	60° Lettering bit	2	990.058.00	Bearing screw	3
712.060.11	Straight bit	2	750.001.11	Keyhole bit	2	990.059.00	Bearing screw	3
712.080.11	Straight bit	2	751.002.11	Bowl and tray bit	2	991.056.00	Hex key for bearing screw	3
712.100.11	Straight bit	2	751.002.11B	Bowl and tray bit	2	991.057.00	Hex key for bearing screw	3
712.120.11	Straight bit	2	753.001.11	Flush and V-groove bit	2	991.062.00	Hex key for bearing screw	3
712.150.11	Straight bit	2	754.002.11	Bull nose bit	2	200.030.00 KIT WITH 30 SAW BLADES		
712.150.11B	Straight bit	2	754.003.11	Bull nose bit	2	291.150.24H	Saw blade 150x2.4x20 Z-24	2
712.160.11	Straight bit	2	754.004.11	Bull nose bit	2	291.160.24H	Saw blade 160x2.6x20 Z-24	2
714.032.11	Round nose bit	2	758.001.11	Laser point bit (60°)	2	291.170.24M	Saw blade 170x2.6x30 Z-24	2
714.060.11	Round nose bit	2	759.040.11	Roman ogee bit w/bearing	2	291.180.24M	Saw blade 180x2.6x30 Z-24	2
714.095.11	Round nose bit	2	759.064.11	Roman ogee bit w/bearing	2	291.190.24M	Saw blade 190x2.6x30 Z-24	2
714.127.11	Round nose bit	2	760.040.11	Roman ogee bit w/bearing	2	291.200.36M	Saw blade 200x2.8x30 Z-36	2
714.160.11	Round nose bit	2	760.064.11	Roman ogee bit w/bearing	2	291.210.36M	Saw blade 210x2.8x30 Z-36	2
714.190.11	Round nose bit	2	796.000.00	Collet chuck	2	291.216.48M	Saw blade 216x2.8x30 Z-48	2
714.190.11B	Round nose bit	2	796.560.00	Collet	2	291.230.36M	Saw blade 230x2.8x30 Z-36	2
715.060.11	V-Grooving bit (90°)	2	796.580.00	Collet	2	291.240.36M	Saw blade 240x2.8x30 Z-36	2
715.095.11	V-Grooving bit (90°)	2	796.595.00	Collet	2	285.040.10M	Saw blade 250x3.2x30 Z-40	2
715.127.11	V-Grooving bit (90°)	2	822.320.11	Slot cutter	2	285.060.10M	Saw blade 250x3.2x30 Z-40	2
715.190.11	V-Grooving bit (90°)	2	822.325.11	Slot cutter	2	285.048.12M	Saw blade 300x3.2x30 Z-48	2
715.190.11B	V-Grooving bit (90°)	2	822.330.11	Slot cutter	2	285.054.14M	Saw blade 350x3.5x30 Z-54	2
716.060.11	Panel pilot bit	2	822.335.11	Slot cutter	2	900.060.00 KIT WITH 60 SPARE PARTS		
716.061.11	Panel pilot bit	2	822.340.11	Slot cutter	2	541.003.00	Stop collar for top bearing bit	3
718.095.11	Dovetail bit	2	822.350.11	Slot cutter	2	541.004.00	Stop collar for top bearing bit	3
718.127.11	Dovetail bit	2	822.360.11	Slot cutter	2	791.002.00	Bearing	3

900.351.00 Shank Ø8-12mm

Order no.	Description	Q.tà	Order no.	Description	Q.tà	Order no.	Description	Q.tà
900.240.00 KIT 240 ROUTER BITS WITH SHANK Ø8MM			900.021.00 KIT 21 ROUTER BITS WITH SHANK Ø12MM			200.030.00 KIT WITH 30 SAW BLADES		
901.127.11	Mortising bit	2	921.030.11	Combination trimmer bit	2	291.150.24H	Saw blade 150x2.4x20 Z-24	2
901.160.11	Mortising bit	2	924.080.00	Slot cutter arbor	2	291.160.24H	Saw blade 160x2.6x20 Z-24	2
901.160.11B	Mortising bit w/bearing	2	924.080.10	Slot cutter arbors w/bearing	2	291.170.24M	Saw blade 170x2.6x30 Z-24	2
901.180.11	Mortising bit	2	927.040.11	Ovolo bit	2	291.180.24M	Saw blade 180x2.6x30 Z-24	2
901.190.11	Mortising bit	2	927.050.11	Ovolo bit	2	291.190.24H	Saw blade 190x2.6x20 Z-24	2
901.200.11	Mortising bit	2	927.060.11	Ovolo bit	2	291.200.36M	Saw blade 200x2.8x30 Z-36	2
903.240.11	Chamfer bit	2	927.080.11	Ovolo bit	2	291.210.36M	Saw blade 210x2.8x30 Z-36	2
904.240.11	Chamfer bit	2	927.095.11	Ovolo bit	2	291.216.48M	Saw blade 216x2.8x30 Z-48	2
905.240.11	Chamfer bit	2	935.001.11	Rabbeting bit w/bearing	2	291.230.36M	Saw blade 230x2.8x30 Z-36	2
906.095.11	Flush trim bit w/bearing	2	935.317.11	Rabbeting bit w/bearing	2	291.240.36M	Saw blade 240x2.8x30 Z-36	2
906.096.11	Flush trim bit w/bearing	2	935.350.11	Rabbeting bit w/bearing	2	285.040.10M	Saw blade 250x3.2x30 Z-40	2
906.127.11	Flush trim bit w/bearing	2	935.502.11	Rabbeting set w/bearing	2	285.060.10M	Saw blade 250x3.2x30 Z-40	2
906.128.11	Flush trim bit w/bearing	2	936.130.11	Chamfer bit w/bearing	2	285.048.12M	Saw blade 300x3.2x30 Z-48	2
906.190.11	Flush trim bit w/bearing	2	936.190.11	Chamfer bit w/bearing	2	285.054.14M	Saw blade 350x3.5x30 Z-54	2
907.210.11	Combination flush and bevel trim bit	2	936.280.11	Chamfer bit w/bearing	2	900.060.00 KIT WITH 60 SPARE PARTS		
909.260.11	Bevel trim and chamfer bit w/bearing	2	936.420.11	Chamfer bit w/bearing	2	541.003.00	Stop collar for top bearing bit	3
910.260.11	Bevel trim and chamfer bit w/bearing	2	937.190.11	Round nose bit w/bearing	2	541.004.00	Stop collar for top bearing bit	3
911.030.11	Straight bit	2	937.222.11	Round nose bit w/bearing	2	791.002.00	Bearing	3
911.040.11	Straight bit	2	937.254.11	Round nose bit w/bearing	2	791.003.00	Bearing	3
911.050.11	Straight bit	2	937.286.11	Round nose bit w/bearing	2	791.004.00	Bearing	3
911.060.11	Straight bit	2	937.350.11	Round nose bit w/bearing	2	791.006.00	Bearing	3
911.070.11	Straight bit	2	938.160.11	Ovolo bit w/bearing	2	791.007.00	Bearing	3
911.080.11	Straight bit	2	938.190.11	Ovolo bit w/bearing	2	791.012.00	Bearing	3
911.090.11	Straight bit	2	938.222.11	Ovolo bit w/bearing	2	791.018.00	Bearing	3
911.100.11	Straight bit	2	938.254.11	Ovolo bit w/bearing	2	791.023.00	Bearing	3
911.110.11	Straight bit	2	938.285.11	Ovolo bit w/bearing	2	791.024.00	Bearing	3
911.120.11	Straight bit	2	938.317.11	Ovolo bit w/bearing	2	791.025.00	Bearing	3
911.140.11	Straight bit	2	938.380.11	Ovolo bit w/bearing	2	799.060.00	Bushing	3
911.150.11	Straight bit	2	938.445.11	Ovolo bit w/bearing	2	990.004.00	Bearing screw	3
911.160.11	Straight bit	2	940.270.11	Roman ogee bit w/bearing	2	990.005.00	Bearing screw	3
911.160.11B	Straight bit w/bearing	2	940.350.11	Roman ogee bit w/bearing	2	990.058.00	Bearing screw	3
911.180.11	Straight bit	2	941.285.11	Roman ogee bit w/bearing	2	990.059.00	Bearing screw	3
911.200.11	Straight bit	2	941.380.11	Roman ogee bit w/bearing	2	991.056.00	Hex key for bearing screw	3
911.220.11	Straight bit	2	944.287.11	Roman ogee bit w/bearing	2	991.057.00	Hex key for bearing screw	3
911.220.11B	Straight bit w/bearing	2	944.350.11	Roman ogee bit w/bearing	2	991.062.00	Hex key for bearing screw	3
911.240.11	Straight bit	2	945.287.11	Roman ogee bit w/bearing	2			
911.250.11	Straight bit	2	945.350.11	Roman ogee bit w/bearing	2			
912.060.11	Straight bit	2	946.325.11	Roman ogee bit w/bearing	2			
912.080.11	Straight bit	2	947.325.11	Roman ogee bit w/bearing	2			
912.100.11	Straight bit	2	948.190.11	Roman ogee bit	2			
912.120.11	Straight bit	2	950.001.11	Keyhole bit	2			
912.140.11	Straight bit	2	951.002.11	Bowl and tray bit	2			
912.150.11	Straight bit	2	953.001.11	Flush and V-groove w/bearing	2			
912.160.11	Straight bit	2	954.002.11	Bull nose bit	2			
912.160.11B	Straight bit w/bearing	2	954.003.11	Bull nose bit	2			
914.032.11	Round nose bit	2	954.004.11	Bull nose bit	2			
914.060.11	Round nose bit	2	958.001.11	Laser point bit (60°)	2			
914.095.11	Round nose bit	2	959.040.11	Roman ogee bit w/bearing	2			
914.127.11	Round nose bit	2	959.064.11	Roman ogee bit w/bearing	2			
914.160.11	Round nose bit	2	960.040.11	Roman ogee bit w/bearing	2			
914.160.11B	Round nose bit w/bearing	2	960.064.11	Roman ogee bit w/bearing	2			
914.190.11	Round nose bit	2	796.000.00	Collet chuck	2			
915.060.11	V-Grooving bit (90°)	2	796.560.00	Collet	2			
915.095.11	V-Grooving bit (90°)	2	796.580.00	Collet	2			
915.127.11	V-Grooving bit (90°)	2	796.595.00	Collet	2			
915.160.11	V-Grooving bit (90°)	2	822.320.11	Slot cutter	2			
915.160.11B	V-Grooving bit (90°) w/bearing	2	822.325.11	Slot cutter	2			
916.080.11	Panel pilot bit	2	822.330.11	Slot cutter	2			
918.095.11	Dovetail bit	2	822.335.11	Slot cutter	2			
918.127.11	Dovetail bit	2	822.340.11	Slot cutter	2			
918.158.11	Dovetail bit	2	822.350.11	Slot cutter	2			
918.190.11	Dovetail bit	2	822.360.11	Slot cutter	2			

Router bits display cabinets

A beautiful, well-organized display of router bits in your shop is the best way to encourage customers to buy.

CMT has produced this beautiful cabinet to best show off our wide selection of high quality bright orange bits. Made with a sturdy hardwood frame and three glass panels, it is the ideal counter-top display. Holds 42 of our most popular router bits and spare parts - 2 pcs. each for 84 pcs. total or 3 pcs. each for 126 pcs. total.

The wooden slat back wall allows for easy bit organization and comes standard with front door lock.

The cabinet is available with router bits with 6mm and 8mm shanks.

Dimensions are in cm.



700.084.00 Shank Ø6mm

Order no.	Description	Q.tà
701.190.11	Mortising bit	2
706.096.11	Flush trim bit w/bearing	2
706.127.11	Flush trim bit w/bearing	2
706.190.11	Flush trim bit w/bearing	2
711.030.11	Straight bit	2
711.040.11	Straight bit	2
711.050.11	Straight bit	2
711.060.11	Straight bit	2
711.080.11	Straight bit	2
711.100.11	Straight bit	2
711.120.11	Straight bit	2
711.160.11	Straight bit	2
711.200.11	Straight bit	2
712.060.11	Straight bit	2
712.120.11	Straight bit	2
714.060.11	Round nose bit	2
714.095.11	Round nose bit	2
715.060.11	V-Grooving bit (90°)	2
715.127.11	V-Grooving bit (90°)	2
716.060.11	Panel pilot bit	2
718.127.11	Dovetail bit	2
727.060.11	Ovolo bit	2
735.317.11	Rabbeting bit w/bearing	2
736.190.11	Chamfer bit w/bearing	2
736.280.11	Chamfer bit w/bearing	2
737.222.11	Round nose bit w/bearing	2
737.286.11	Round nose bit w/bearing	2
737.350.11	Round nose bit w/bearing	2
738.254.11	Ovolo bit w/bearing	2
738.317.11	Ovolo bit w/bearing	2
738.380.11	Ovolo bit w/bearing	2
740.270.11	Roman ogee bit w/bearing	2
741.285.11	Roman ogee bit w/bearing	2
744.287.11	Roman ogee bit w/bearing	2
746.325.11	Roman ogee bit w/bearing	2
748.190.11	Roman ogee bit	2
754.003.11	Bull nose bit	2
759.040.11	Roman ogee bit w/bearing	2
791.002.00	Bearing	2
791.003.00	Bearing	2
990.058.00	Bearing screw	2
991.057.00	Hex key for bearing screw	2

900.084.00 Shank Ø8mm

Order no.	Description	Q.tà
901.190.11	Mortising bit	2
906.096.11	Flush trim bit w/bearing	2
906.127.11	Flush trim bit w/bearing	2
906.190.11	Flush trim bit w/bearing	2
911.030.11	Straight bit	2
911.040.11	Straight bit	2
911.050.11	Straight bit	2
911.060.11	Straight bit	2
911.080.11	Straight bit	2
911.100.11	Straight bit	2
911.120.11	Straight bit	2
911.160.11	Straight bit	2
911.200.11	Straight bit	2
912.060.11	Straight bit	2
912.120.11	Straight bit	2
914.060.11	Round nose bit	2
914.095.11	Round nose bit	2
915.060.11	V-Grooving bit (90°)	2
915.127.11	V-Grooving bit (90°)	2
916.080.11	Panel pilot bit	2
918.127.11	Dovetail bit	2
927.060.11	Ovolo bit	2
935.317.11	Rabbeting bit w/bearing	2
936.190.11	Chamfer bit w/bearing	2
936.280.11	Chamfer bit w/bearing	2
937.222.11	Round nose bit w/bearing	2
937.286.11	Round nose bit w/bearing	2
937.350.11	Round nose bit w/bearing	2
938.254.11	Ovolo bit w/bearing	2
938.317.11	Ovolo bit w/bearing	2
938.380.11	Ovolo bit w/bearing	2
940.270.11	Roman ogee bit w/bearing	2
941.285.11	Roman ogee bit w/bearing	2
944.287.11	Roman ogee bit w/bearing	2
946.325.11	Roman ogee bit w/bearing	2
948.190.11	Roman ogee bit	2
954.003.11	Bull nose bit	2
959.040.11	Roman ogee bit w/bearing	2
791.002.00	Bearing	2
791.003.00	Bearing	2
990.058.00	Bearing screw	2
991.057.00	Hex key for bearing screw	2

DESCRIPTION

ORDER NO.

Display cabinet with: 76 HW Router bits (S=Ø6mm), 8 Spare parts (2 pcs. each)

700.084.00

Display cabinet with: 76 HW Router bits (S=Ø8mm), 8 Spare parts (2 pcs. each)

900.084.00

Display cabinet only

03.00.0000

Saw blades display cabinet

This sturdy structure is hand-crafted using wood and iron and is free-standing to offer 360° visibility and to give you the versatility of positioning the display anywhere you like in the store.

In both the front and the back of the display, you can hang up to 19 different types of saw blades: 8 of which can be up to 185mm in diameter, 9 of which can be up to 250mm and 2 up to 350mm in diameter.

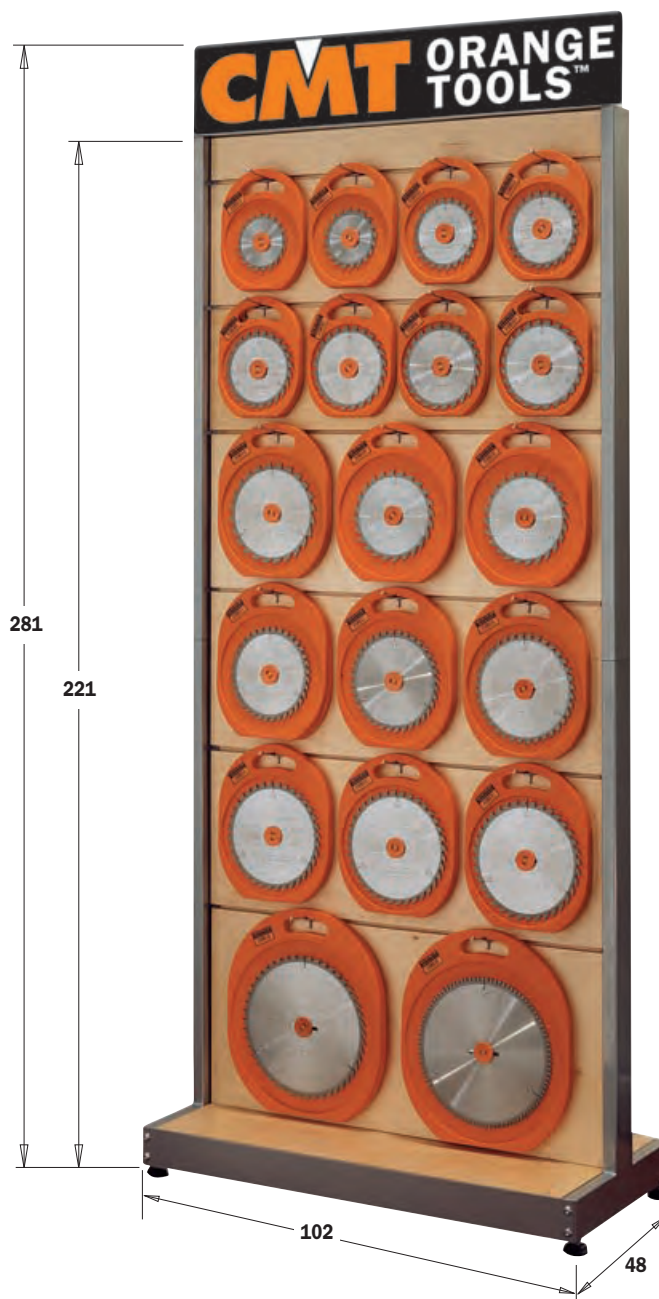
The standard composition of the display cabinet contains 15 different types of blades for the most popular machines.

Dimensions are in cm.



200.072.00

Order no.	Description	Q.tà
291.125.20H	Saw blade 125x2.4x20 Z=20	2
291.130.20H	Saw blade 130x2.4x20 Z=20	2
291.140.20H	Saw blade 140x2.4x20 Z=20	2
291.150.24H	Saw blade 150x2.4x20 Z=24	2
291.150.24E	Saw blade 150x2.4x16 Z=24	2
291.160.24E	Saw blade 160x2.6x16 Z=24	2
291.160.24H	Saw blade 160x2.6x20 Z=24	2
292.160.40H	Saw blade 160x2.6x20 Z=40	2
291.170.24M	Saw blade 170x2.6x30 Z=24	2
291.180.24H	Saw blade 180x2.6x20 Z=24	2
291.180.24M	Saw blade 180x2.6x30 Z=24	2
291.184.24E	Saw blade 184x2.6x16 Z=24	2
291.190.24E	Saw blade 190x2.6x16 Z=24	2
291.190.24H	Saw blade 190x2.6x20 Z=24	2
291.190.24M	Saw blade 190x2.6x30 Z=24	2
292.190.40M	Saw blade 190x2.6x30 Z=40	2
291.200.36M	Saw blade 200x2.8x30 Z=36	2
291.210.36L	Saw blade 210x2.8x25 Z=36	2
291.210.36M	Saw blade 210x2.8x30 Z=36	2
290.216.24M	Saw blade 216x2.8x30 Z=24	2
291.216.48M	Saw blade 216x2.8x30 Z=48	2
292.216.64M	Saw blade 216x2.8x30 Z=64	2
291.220.36M	Saw blade 220x2.8x30 Z=36	2
291.230.36M	Saw blade 230x2.8x30 Z=36	2
291.235.36L	Saw blade 235x2.8x25 Z=36	2
291.235.36M	Saw blade 235x2.8x30 Z=36	2
291.240.36M	Saw blade 240x2.8x30 Z=36	2
285.040.10M	Saw blade 250x3.2x30 Z=40	2
285.060.10M	Saw blade 250x3.2x30 Z=60	2
285.080.10M	Saw blade 250x3.2x30 Z=80	2
285.048.12M	Saw blade 300x3.2x30 Z=80	2
285.054.14M	Saw blade 350x3.5x30 Z=54	2
297.064.09M	Saw blade 216x2.8x30 Z=64	2
297.080.10M	Saw blade 250x3.2x30 Z=80	2
297.096.12M	Saw blade 300x3.2x30 Z=96	2
297.108.14M	Saw blade 350x3.5x30 Z=108	2



DESCRIPTION	ORDER NO.
Display cabinet (big) with: 72 HW saw blades	200.072.00
Display cabinet only (big)	03.00.0027
Wire counter display only (small)	03.00.0030

Display cabinets for cutter head and knives

CMT has selected two displays to contains the most popular profiles for cutter heads to make junctions, joints, frames, kitchen doors, etc. The display is supplied with hooks to fit the different knives, limitors and cutter heads at your choice. For use in all brands and models of moulder and spindle moulder machines for professional and beginner woodworkers for all kinds of wood.

Dimensions are in cm.



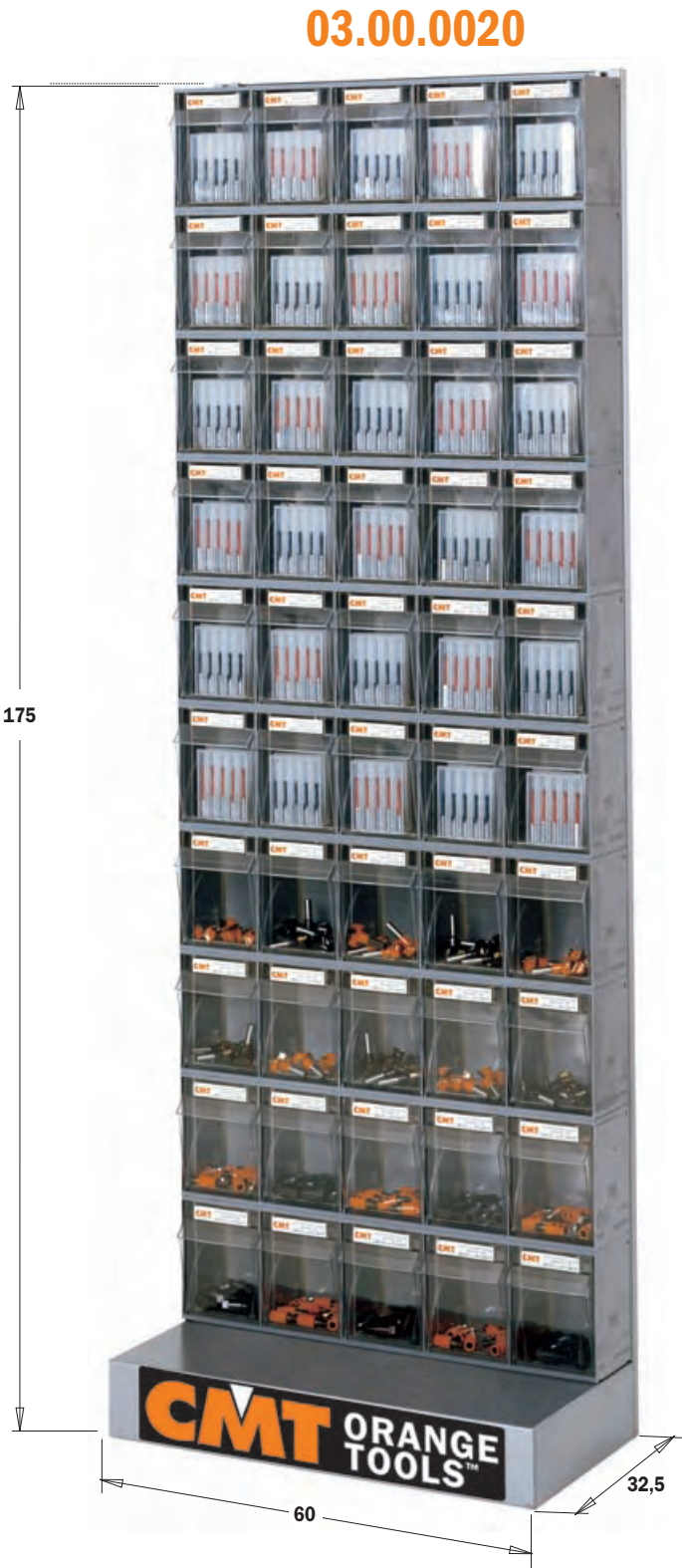
DESCRIPTION	ORDER NO.
Empty display cabinet (big)	03.00.0025
Empty display cabinet (small)	03.00.0000

Display cabinets for drill bits



Start your stock of CMT drill and boring bits now and receive a 50 drawer super cabinet or a 15 drawer small cabinet to help you get organized. Each drawer has the capacity to contain more than 10 pieces. Always have what you need on hand right when you need it. Your customers will benefit from the easy access and visibility of the selection. Contact our office for terms and to choose the drill and boring bits you want from our vast range.

Dimensions are in cm.



DESCRIPTION	ORDER NO.
Display cabinet for drill bits, 15 drawers	03.00.0019
Display cabinet for drill bits, 50 drawers	03.00.0020

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12 piece set with wooden case	163
13 piece dovetail and straight bit sets	162
13 piece set with wooden case	163
15° dovetail cutter for Arunda™ System	121
2 flute dowel drills	216-217
2 flute dowel drills for through holes	222-223
2 piece adjustable rounding & chamfering set	47
250mm compound miter saw with upper table	255
3 piece adjustable grooving set	45
3 piece kitchen set	167
305mm compound miter saw with upper table	254
3D router Carver™ system	272-273
3in1 dlush trim bit for laminates	102
4 flute dowel drills	218-220
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45° chamfer cutter head	48
45° lock miter cutter head	55
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5 piece spiral bit set	161
5 piece straight bit set and profile bit set	160
6 piece mortising bit set	200-201
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Adjustable countersink	246
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Beading bits	132
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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

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Saw blades



Cutter heads & knives



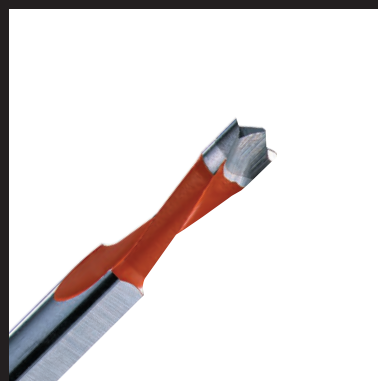
Router bits



Router cutters & Chucks



R. b. w/replaceable knives



Dowel drills



Boring bits



Accessories



Power tools

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