

CMT ORANGE TOOLS®

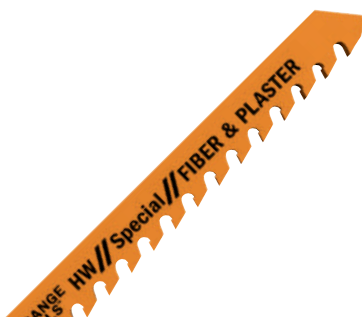
THE WIDEST TOOLING RANGE

CATALOGUE ENGLISH EDITION 2018

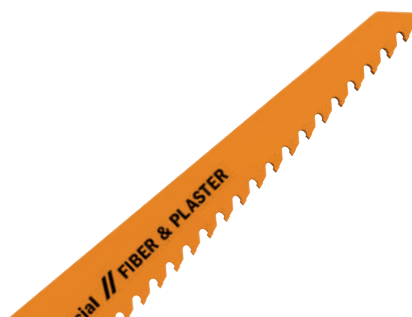
Saw Blades



Jig Saw Blades



Sabre Saw Blades



Tools for Multi-Cutters



Tools with Bore & Knives



Router Bits & Sets



CNC Router Cutters & Chucks



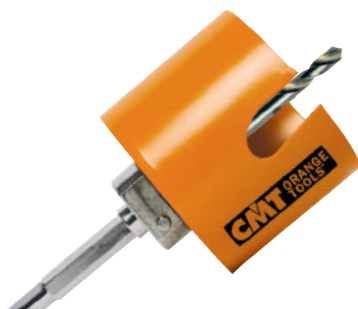
Industrial Dowel Drills



Bits for Hand Power Tools



Hole Saws



Power Tools



Accessories



WOOD  Magazine

CMT Overall Rating **10!**
Top Performing Router Bits

Welcome to the 2018 catalogue

Dear Customer,

Thank you for your interest in CMT products.

Take a moment to browse our new catalogue and choose from an even wider range of innovative and state-of-the-art woodworking tools, from router bits, saw blades, jig and sabre saw blades, hole saws, and boring bits to oscillating tools, CNC cutters, cutter heads, chucks, power tools, and so much more!

A detailed list of spare parts on each product category is also provided to guide you through your purchase.

We continually strive to develop our technical know-how and make significant investments in research and development, but our greatest priority is customer care.

A satisfied customer is worth more than any other achievement; therefore, each page of this catalogue contains CMT's highest commitment to the professional woodworker.

Should you not find a product that suits your needs, please let us know.

Our highly skilled engineers and design technicians are always keen to assist you with your woodworking operations.

Thank you for your interest in CMT Orange Tools.

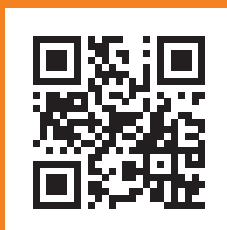
Your CMT Team



www.cmtutensili.com

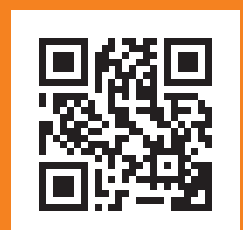


Join us on our **You Tube** channel



Youtube: CMT Orange Tools

Find us on 



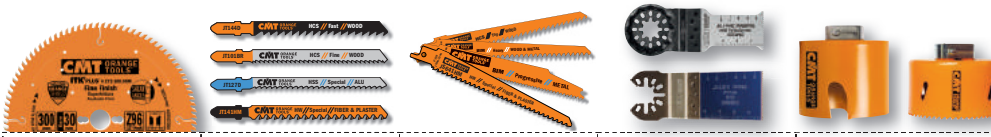
Facebook: CMT Orange Tools

Abbreviations

A	= Cutting angle	L	= Overall length
α	= Hook angle	L₁	= Working length
ATB	= Alternate top bevel grind	LB	= Adjusting length
B	= Bore diameter	LH	= Left-hand rotation
β	= Type of grind	MATB	= Alternate top bevel with chamfer grind
COMBI3	= Pin-Hole 2/7/42 + 2/9/46,4 + 2/10/60	MTCG	= Triple chip grind (trapezoidal) with chamfer
COMBI5	= Pin-Hole 2/7/110 + 2/8,4/130 + 2/14/110 + 4/9/100 + 4/19/120	mm	= Millimeters
COMBI7	= Pin-Hole 2/10/80 + 1/11/85 + 2/11/115 + 2/11/148 + 2/14/100 + 2/14/125 + 2/19/120	P	= Plate thickness
d	= Small cutting diameter	Pack Qty.	= Dispatch package quantity
D	= Diameter	PTFE	= Non-stick industrial coating, black and orange
D₂	= Overall diameter	R, R₁	= Radius
D₃	= For shank diameter	RH	= Right-hand rotation
\emptyset	= Diameter	RPM	= Round per minute
FFT	= Flat flat trapezoidal	S, S₁	= Shank diameter
FTG	= Flat top grind	T₁	= Thickness / Maximum joint thickness
FWF	= Flat with alternate chamfer	TCG	= Triple chip grind (trapezoidal)
H	= Cutting depth	TS	= Tooth spacing
HDF	= Hollow ground teeth	TPI	= Teeth per inch
I	= Cutting length	V	= Spurs
I₁	= Short cutting length	W	= Width
K	= Kerf thickness	Z	= Number of teeth
		\square	= On request
		\bullet	= Solid tungsten carbide

THE RIGHT TOOLS FOR THE BEST RESULTS!

Quick reference charts and pictograms help you choose the right tools for your application.



	SAW BLADES	JIG SAW BLADES	SABRE SAW BLADES	MULTI-CUTTERS	HOLE SAWS
WOOD					CARBIDE
WOOD & METAL		✓	✓	✓	
METAL					BI-METAL
ALUMINIUM					
MULTI-MATERIAL					
PLASTIC					
MASONRY					DIAMOND
SPECIAL					



SAW BLADES

5~50



JIG SAW BLADES

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SABRE SAW BLADES

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TOOLS FOR MULTI-CUTTERS

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TOOLS WITH BORE & KNIVES

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ROUTER BITS & SET

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CNC ROUTER CUTTERS & CHUCKS

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INDUSTRIAL DOWEL DRILLS

275~300



BITS FOR HAND POWER TOOLS

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HOLE SAWS

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POWER TOOLS, JIGS & ACCESSORIES

333~365



DISPLAY CABINETS

366~375



SPARE PARTS

376~380

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

By now, the story has been told. After over 50 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

OUR CHANNELS

www.cmtutensili.com



Join us on our **You Tube** channel



Youtube: **CMT Orange Tools**

Find us on 



Facebook: **CMT Orange Tools**

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

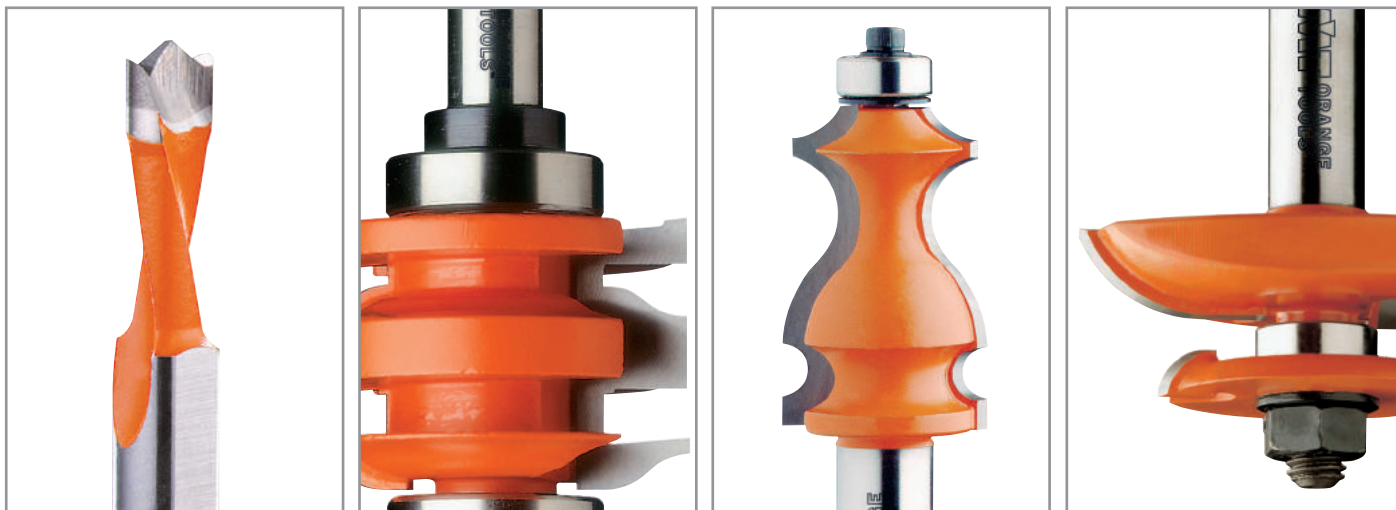
Turning a design into a finished product means finding the right material that will do the job and that lives up to the specifications set out in the design - quality performance from the final product depends on it. When it comes to selecting raw materials, we don't cut corners. At CMT, we know that 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.



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.

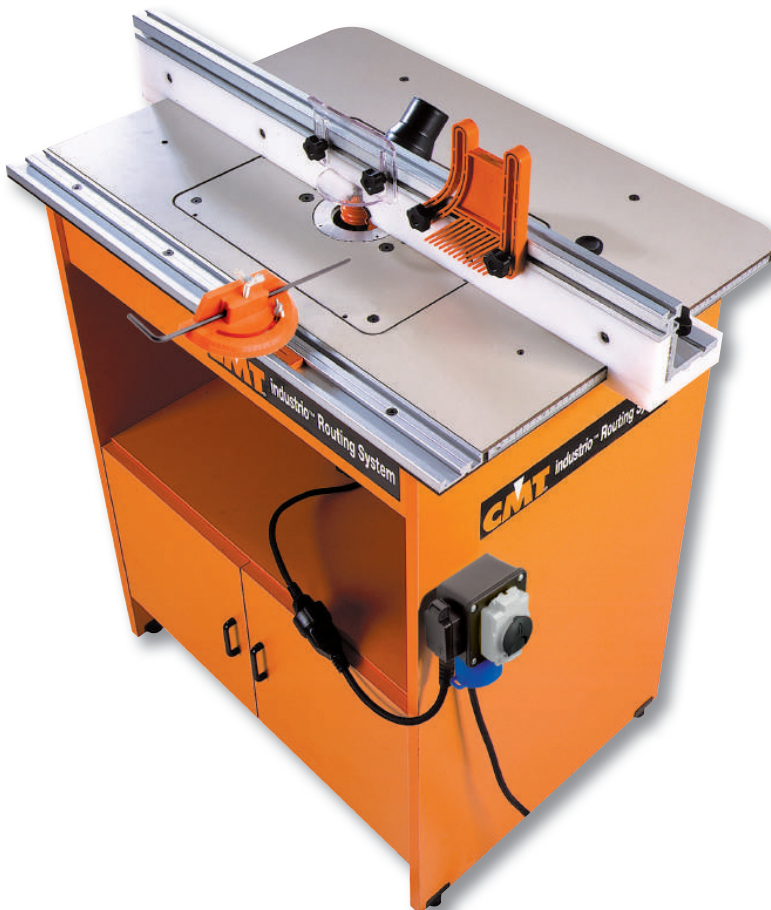


Loading the automated multi-axis CNC sharpening machines.



Fully automated assembly and marking.

POWER TOOLS, JIGS & ACCESSORIES



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1010W Router

CMT8E

QUICK ACCESS BRUSHES

change worn brushes quickly and easily.



SAFETY SWITCH SHUTTER

locks during bit change mode to prevent accidental power on.



ELECTRONIC SPEED CONTROL & SOFT START

From 8.000 - 20.000 RPM.

FULLY ENCLOSED GUARDING

provides maximum protection from the cutting zone.

MULTI-FUNCTION FENCE

provides excellent control for hand-held use and circle cutting.

SIDE AIR VENTS

reduces intake of dust into the motor casing when mounted upside-down in a router table.

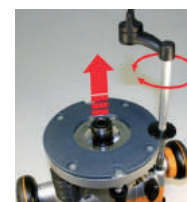
QUICK FIT PINS

for fast fitment and removal from its fence.



TOP OF TABLE HEIGHT ADJUSTMENT

Top of table height adjustment is possible using the height winder handle from the template guide kit.



Optional

Clamping nuts and collets for CMT8E and CMT7E

DIAMETER	ORDER NO.
D = 6mm	796.660.00
D = 6,35mm	796.664.00
D = 8mm	796.680.00
D = 10mm	796.700.00
D = 12mm	796.720.00
D = 12,7mm	796.727.00



Optional



DESCRIPTION	ORDER NO.
Prebored router plate for CMT7E and CMT8E	CMT300-SB
Guide bush Ø30mm	899.007.00

STANDARD EQUIPMENT

- Extended baseplate with adjustable fence
- Dust extraction outlet
- Easy adjustment
- Wrench for easy cutter change
- Ø8 and Ø12mm collets

- 1 year warranty
- Instruction manual

Worldwide Technical Assistance

TECHNICAL SPECIFICATIONS

- Horsepower 1.010 Watt
- No load speed 8.000-20.000 RPM
- Plunge stroke 0-59mm
- Collet diameter..... Ø6-12,7mm
- Tool weight..... 4 Kg

DESCRIPTION	ORDER NO.
Router complete with standard equipment	CMT8E

2400W Router

CMT ORANGE TOOLS®

CMT7E

REMOVABLE PLUNGE SPRING

for easy bit adjustment when table mounted.



QUICK ACCESS BRUSHES

change worn brushes quickly and easily.



SAFETY SWITCH SHUTTER

locks during bit change mode to prevent accidental 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.



ELECTRONIC SPEED CONTROL & SOFT START

From 8.000 - 20.000 RPM

SWITCH FROM A PLUNGE TO A FIXED BASE ROUTER

by simply pressing or releasing the button.



FULLY ENCLOSED GUARDING

provides maximum protection from the cutting zone.

MULTI-FUNCTION FENCE

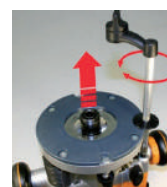
provides excellent control for hand-held use and circle cutting.

QUICK FIT PINS

for fast fitment and removal from its fence.

TOP OF TABLE HEIGHT ADJUSTMENT

Top of table height adjustment is possible using the height winder handle from the template guide kit.



STANDARD EQUIPMENT

- Extended baseplate with adjustable fence
- Dust extraction outlet
- Infinite micro adjustment
- Wrench for easy cutter change
- Ø8 and Ø12mm collets
- 1 year warranty
- Instruction manual

Worldwide Technical Assistance

Optional

Clamping nuts and collets for CMT8E and CMT7E

DIAMETER	ORDER NO.
D = 6mm	796.660.00
D = 6,35mm	796.664.00
D = 8mm	796.680.00
D = 10mm	796.700.00
D = 12mm	796.720.00
D = 12,7mm	796.727.00



Optional



DESCRIPTION	ORDER NO.
Prebored router plate for CMT7E and CMT8E	CMT300-SB
Guide bush Ø30mm	899.007.00



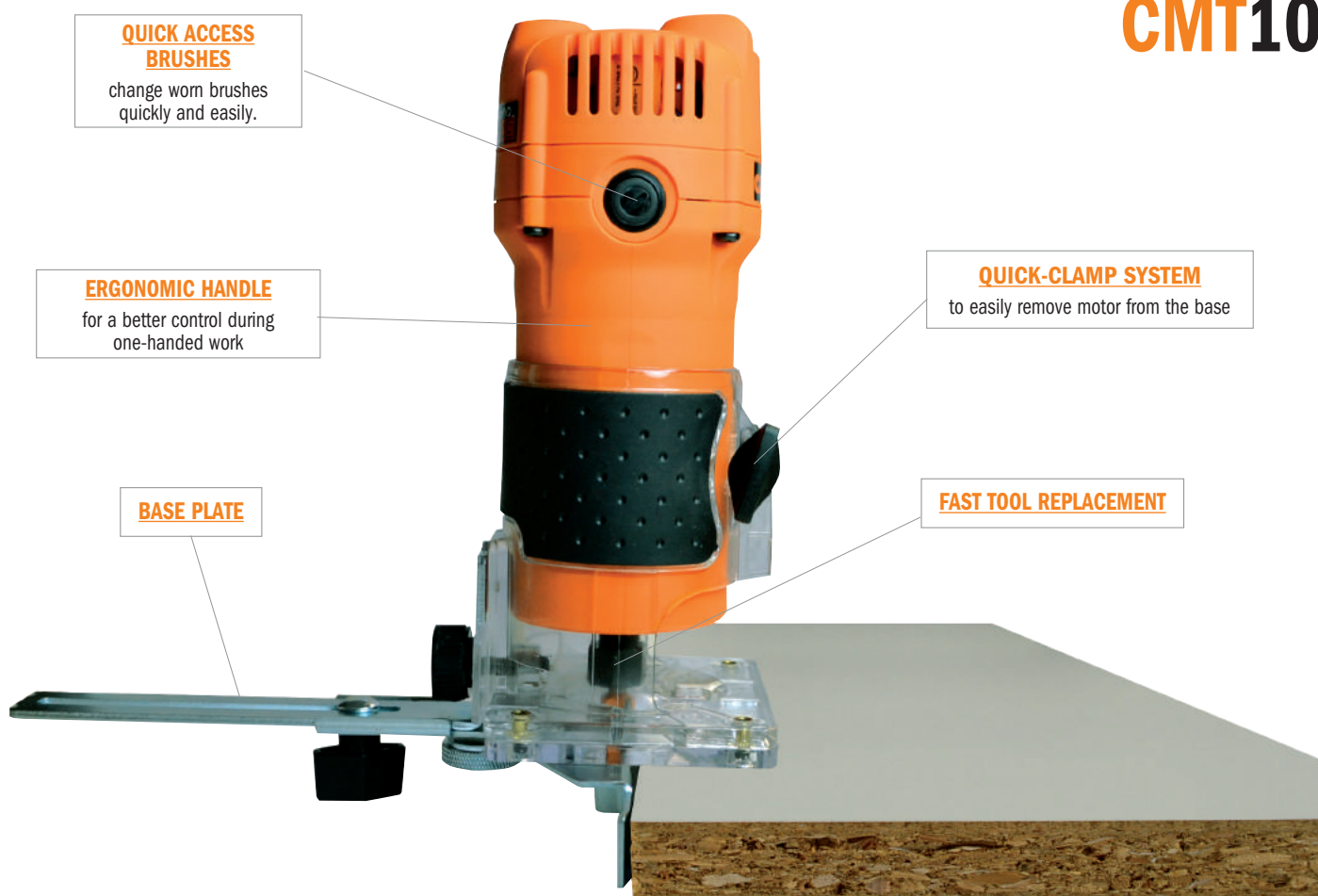
TECHNICAL SPECIFICATIONS

- Horsepower2.400 Watt
- No load speed8.000-20.000 RPM
- Plunge stroke0-68mm
- Collet diameter.....Ø6-12,7mm
- Tool weight.....6 Kg

Fine WoodWorking
MAGAZINE



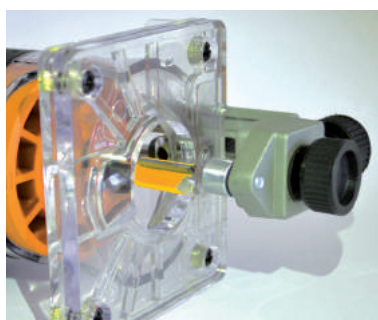
DESCRIPTION	ORDER NO.
Router complete with standard equipment	CMT7E



Standard Equipment



Aluminium-embossed scale for accurate setting of the desired routing depth



Trimmer guide with Delrin® roller prevents marks on the workpiece



Fine depth adjustment



CMT10-54
Ø10mm guide bush

Standard Equipment

- Extended baseplate with adjustable fence
- Trimmer guide
- Guide bush
- 2 wrenches for easy cutter replacement
- Ø6mm and Ø8mm collet
- 1 year warranty
- Instruction manual

TECHNICAL SPECIFICATIONS:

- Power.....550 Watt
- No load speed 32.000 RPM
- Plunge stroke0-24mm
- Collet diameter.....Ø6-8mm
- Tool weight..... 1,8 Kg

Worldwide Technical Assistance

DESCRIPTION	PACK QTY.	ORDER NO.
550W Professional Trimmer	8	CMT10

Spare parts



CMT10-18 Collet Ø6mm
CMT10-18A Collet Ø6,35mm
CMT10-18B Collet Ø8mm



CMT10-30
Pair of carbon brushes



CMT10-17
Clamping nut

CMT11

FAST LOCK



SPEED CONTROL 1~6

MULTI MATERIALS & APPLICATIONS:



- GRINDING
- SAWING
- JOINT OPENING
- PLASTIC CUTTING
- CARPET REMOVAL
- PLUNGE CUTTING
- WOOD CUTTING
- CUTTING LAMINATE SHEETS
- TUBE LENGTH TRIMMING
- NAIL CUTTING



FAST LOCK



INCLUDED:



HANDLE



VACUUM HOSE

Standard Equipment

- 1 x Oscillating Multi-tool
- 1 x handle
- 1 x vacuum hose
- 1 x manual
- 1 x plastic carry case

Worldwide Technical Assistance

TECHNICAL SPECIFICATIONS:

- Power..... 300 Watt
- Input..... 220/230V
- No load speed 11.000~21.000 RPM
- aw (vibration)..... 19,7m/s² - K=1,5m/s²
- Weight..... 1,2 Kg

DESCRIPTION	PACK QTY.	ORDER NO.
300W Oscillating Multi-Tools	5	CMT11



New Professional Router Table

CE Approved

CMT ORANGE TOOLS®

Our quality bits have been designed for you, the professional craftsman, to allow you to confidently work at your best. CMT now offers even more possibilities with our professional router table: the perfect place to combine your skills and CMT quality.

The professional router table system has a strong and sturdy MDF laminate work surface measuring 80x60x2,5cm for easy mobility when working. This free standing table sits at a comfortable height of 90cm on solid high gauge steel legs and weighs 26,5 kg.

The plate is already pre-bored for CMT routers CMT7E but is adaptable to all brands and models of routers on the market. Plate can also fit any router bit up to 98mm in diameter. Choose from our wide range of bits, including multi profile and molding bits or even kitchen bit set. Work easily and safely on this table!

999.110.00

Router table dimensions:
80x60x(h)90cm. - 26,5 kg. weight



Optional

999.100.11
(mandatory for CE legislation)



order separately

DESCRIPTION	ORDER NO.
CMT professional router table system:	999.110.00
Electric safety switch (mandatory for CE legislation)	999.100.11
CMT7E router and 999.110.00 Professional router table + 999.100.11 Electric safety switch	CMT7E-PRO
Parts included with the table:	
1) Plate (pre-bored for CMT7E) with reduction rings	999.110.33
2) Lexan® safety shield	999.110.06
3) Standing spring press	999.110.08
4) Moulded ABS feather board	999.110.09
5) Transversal mitre gauge	999.110.10
Optional:	
Plate with 2 reduction rings not bored (not for CMT routers)	999.110.03

Industrio Routing System

CE Approved

CMT ORANGE TOOLS®

CMT has turned the Industrio routing system into a great tool with new accessories such as a phenolic insert, integral aluminium scales and an improved fence. Also, you will find some new optional features, such as a rugged moulded featherboard and a new mitre gauge.

The system includes:

999.501.09

Phenolic router table insert plate

Measuring 298x374mm (11-3/4"x14-3/4"), the phenolic insert plate is 12mm thick and is far more sturdy and resistant to wear and warping than regular melamine surfaces.

The top also features new aluminium scales on both ends for quick and easy fence setup.

Fast & Easy Bit Change

No need to remove the router or fumble beneath the table top to change the bits. CMT's useful bent wrench allows you to replace the bits from above quickly and easily. 15 kg. shipping weight.

999.501.10

Pivoting, zero-clearance fence with new clamping system.

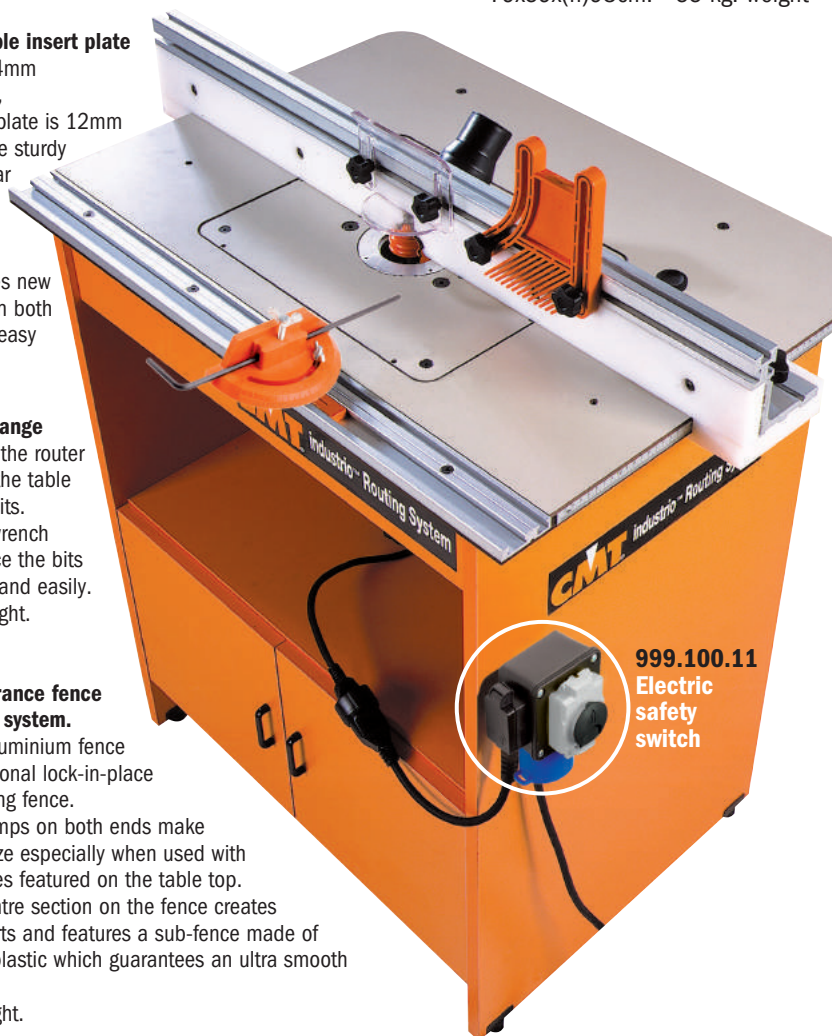
Use the extruded aluminium fence either as a conventional lock-in-place fence or as a pivoting fence. Quick adjusting clamps on both ends make adjustments a breeze especially when used with the aluminium scales featured on the table top. The replaceable centre section on the fence creates zero-clearance inserts and features a sub-fence made of high density white plastic which guarantees an ultra smooth feeding surface. 8.5kg shipping weight.

999.501.03

Sturdy Melamine Cabinet

Made of 20mm thick melamine, this cabinet is easy to assemble thanks to easy-to-fit screws and cross-dowels. A double-door storage compartment means your tools stay safe and dust-free. 32.5kg shipping weight.

Router table dimensions:
79x59x(h)93cm. - 55 kg. weight



999.100.11
Electric safety switch

999.500.01



999.501.07 Moulded ABS featherboard setup on table and in fence slots. Includes nuts, bolts and a plastic slide.



999.501.08 Mitre gauge.



999.501.18 Phenolic plate with aluminium rings (Ø103-69,5mm) for CMT7E.



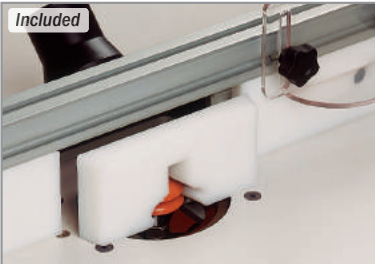
999.502.34 Centering device to perfect router positioning in the 8-12mm (5/16"-15/32") insert plate.

Optional

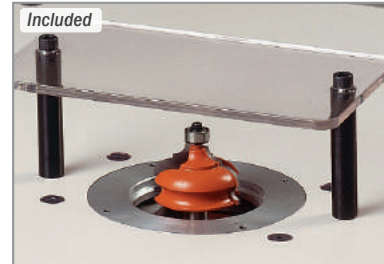
Bent wrenches for easy bit replacement

- 17mm991.005.00
- 21mm991.002.00
- 22,2mm991.004.00
- 23,8mm991.003.00
- 24mm991.006.00***
- 28,6mm991.001.00

* For CMT7E and CMT8E routers



999.502.10 Central section of the fence is removable for custom replacements.



999.501.06 The dual and post-guard makes freehand work safer.

DESCRIPTION	ORDER NO.
Industrio routing system (with prebored plate for CMT7E)	999.500.01
CMT7E router and 999.500.01 Industrio routing system + 999.100.11 Electric safety switch	CMT7E-IND
Electric safety switch (mandatory for CE legislation)	999.100.11
Optional:	
Universal phenolic plate with aluminium rings (Ø103-69,5mm), not bored (not for CMT routers)	999.501.26
Phenolic plate with (Ø103-69,5mm) aluminium rings for CMT8E router	999.501.27
Pair of (Ø103-69,5mm) reduction rings	999.501.05N

Superjaws Portable Clamping System

CMT200

LOCK / RELEASE SWITCH

allows fast, trouble-free release of the jaws.



URETHANE JAW FACINGS

provide a protective, slip-resistant grip.

REVERSIBLE SLIDING JAWS

allow for extra wide 956mm clamping width capacity.



FOOT OPERATED CLAMPING

frees up your hands for full control of the job.



QUICKLY FOLDS DOWN FOR STORAGE AND TRANSPORT



TRIPOD BASE

for all-terrain stability.

ROBUST, ALL-STEEL CONSTRUCTION WITH POWDERCOAT FINISH

for long-lasting operation.

POWERFUL 1 TONNE CLAMPING FORCE

allows the ability to apply as much or as little clamping pressure as you require.



The **CMT200** SuperJaws is the workstation you take right to the job; indoors, outdoors, construction sites or the factory floor.

It provides fast and easy hands-free clamping action of material up to 956mm and features a massive force of up to 1000kg, for all clamping or pressing applications. It holds anything: car parts, bicycles, timber and tubing.

ACCESSORIES OPTIONAL



CMT200-01

Log Jaws

Pair of jaws for clamping logs and pole for chain sawing, etc.



CMT200-03

Support foot

To enhance work station stability.



CMT200-04

Extension tray

To keep all your tools within reach.

TECHNICAL SPECIFICATIONS

- Clamping Range 0 – 956mm
- Clamping Force Up to 1000kg
- Clamping Method Foot operated
- Standard Jaws Urethane
- Max. Load: 100kg approx.
- Folding Time 20 seconds approx.
- Folded Size 275 x 775 x 295mm
- Standing Size 980 x 1000 x 860mm
- Weight 16,5kg

DESCRIPTION	ORDER NO.
SuperJaws Portable Clamping System	CMT200
<i>Optional</i>	
Pair of jaws for clamping logs and pole for chain sawing, etc.	CMT200-01
Support foot to enhance work station stability	CMT200-03
Extension tray to keep all your tools within your hand's reach	CMT200-04
Pair of black polyurethane jaws	CMT200-05

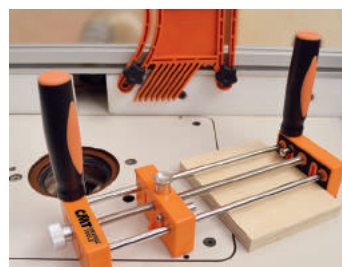
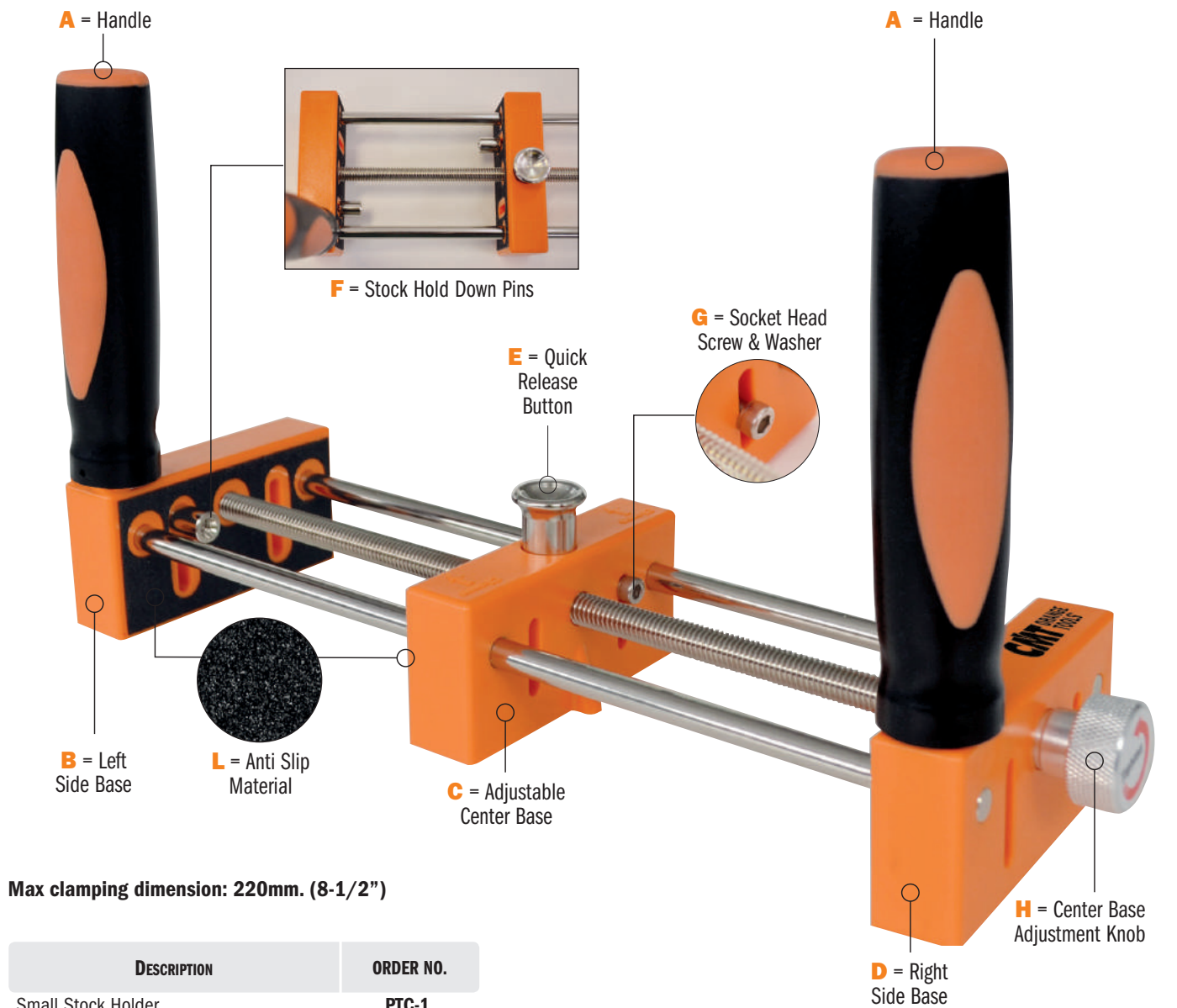
Small Stock Holder

new

CMT ORANGE TOOLS®

PTC-1

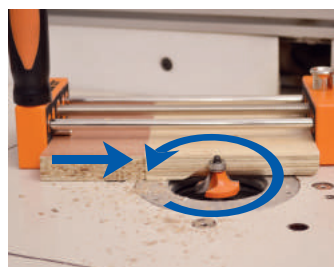
By far, handling small stock on your router table is probably one of the most difficult challenges any professional woodworker has to face! Keeping all ten fingers attached to your hands is definitely a priority. This is why the CMT Small Stock Holder is an absolute necessity in the workshop! It safely ensures proper stabilization of smaller work pieces throughout the routing process. The handle grips fitted with comfy silicone inserts keep fingers and hands a safe distance from the blade while the anti-slip lining on both the center and right side base prevents slippage and ensures your workpiece stays put! Fully adjustable and easy to control, the CMT Small Stock Holder can manage small stock up to **216mm. (8-1/2")** in width. The perfect little jig for detail-oriented jobs!



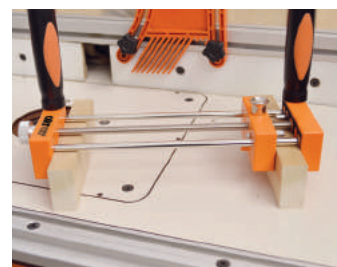
1. Lie the Small Stock Holder flat on the work surface. Slide the Hold Down Pins [F] to the top of the slotted holes. Insert the small stock piece between the Adjustable Centre [C] and Left-Side Bases [B]. The end of your small stock piece should lie flat and snugly up against the Left-Side Base. The end must also extend outwards in front of the Small Stock Holder a minimum distance of half the diameter of the router bit in use.



2. Press the Quick Release Button [E]. Slide the Adjustable Centre Base [C] over until it fits snugly against the small stock piece. Release the Quick Release Button. In the image, a "sacrificial piece" is being used to prevent "tear-out". Loosen Hold Down Pins [F] with the Hex Key Wrench provided. Slide Hold Down Pins down until resting firmly against the small stock piece. Tighten pins with Hex Wrench. Rotate Centre Base Knob [H] to further secure your small stock piece.



3. Adjust the height of your router bit. When you're ready, power on your router. Take hold of the Small Stock Holder Handles [A], slowly feed your small stock piece into the router opposite to the router bit rotation and always in contact with the router bit. When finished routing, press the Quick Release Button [E] and slide the Adjustable Centre Base [C] over so you can remove the small stock piece.



4. Need to rout stock thicker than the Small Stock Holder? Follow setup instructions carefully. Create an "outrigger" - cut a piece of stock, which will act as a stabilizer, the same thickness as the piece you are working on. Attach the "outrigger" securely to the Right-Side Base [D] using pan-head screws (not included) that will fit through the slotted holes. In this way, your work piece and the Small Stock Holder will remain stable during the routing process.

Professional Straight Edge Clamps

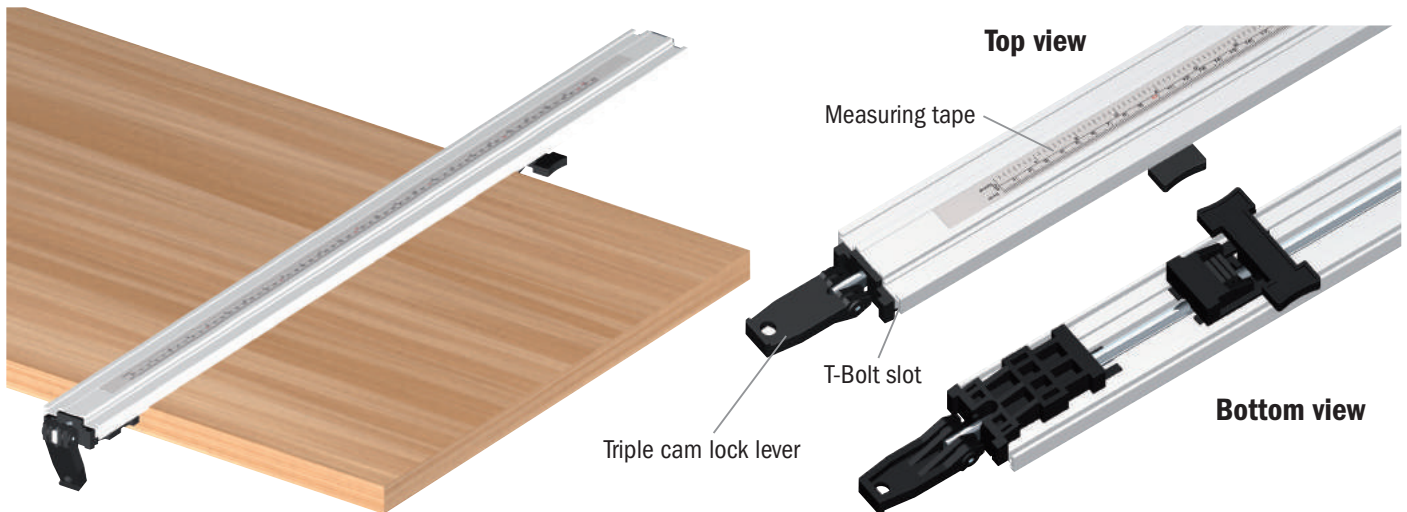
PGC

Used as a fence for your bandsaw, drill press or even as an auxiliary fence on your router table or table saw, CMT's professional straight edge clamps represent a two-in-one tool, allowing you to either use them as an edge guide, or to easily clamp your boards or any object for woodworking. Available in different sizes. Here are the main features:

- Made of extruded aluminium for easy carriage and enhanced durability.
- Light, yet more rigid than any other clamps on the market.
- Measuring scales, low-profile jaws, built-in T-tracks on the top allowing the use of accessories or jigs.
- Either single or back-to-back clamps.

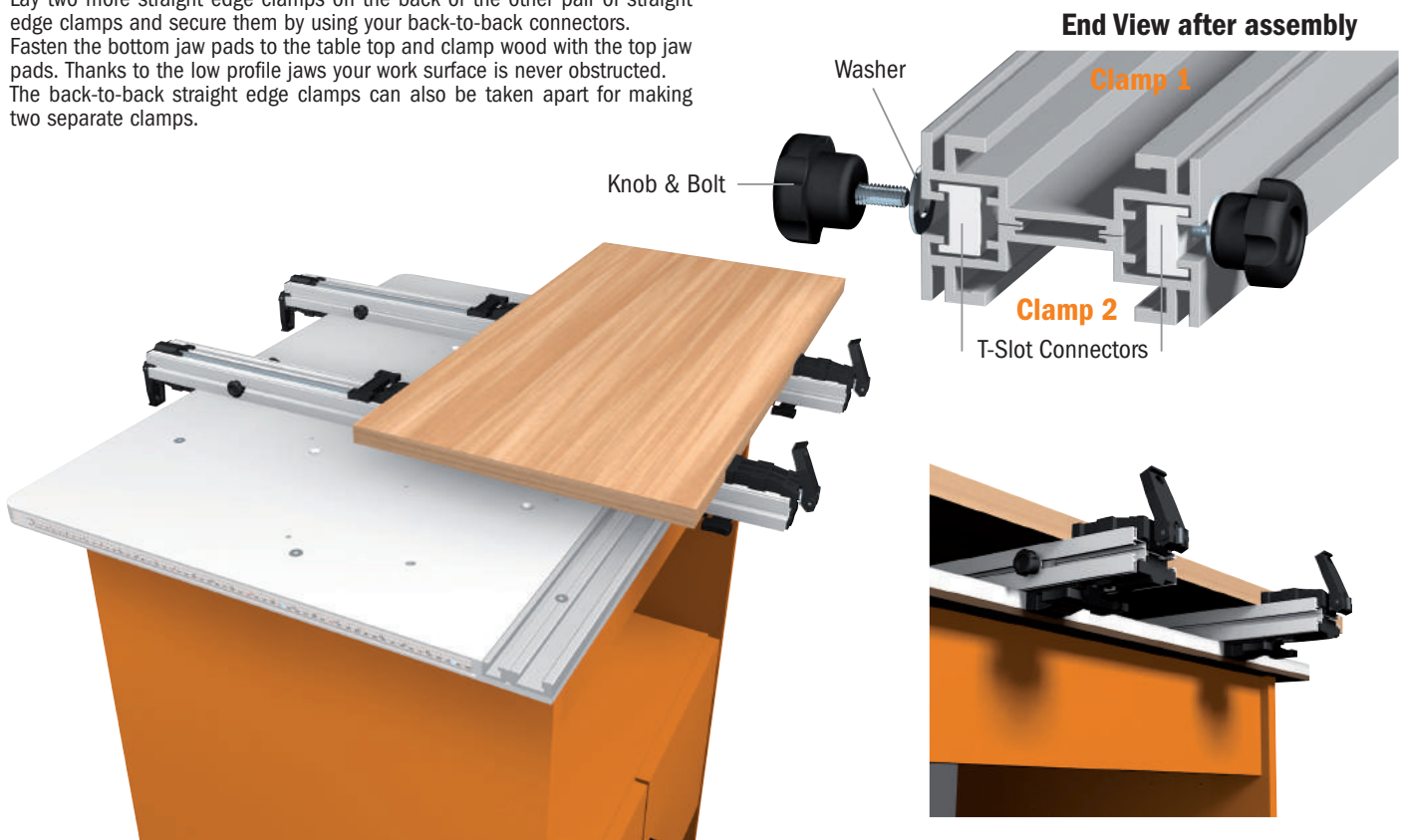
DESCRIPTION	ORDER NO.
Professional Straight Edge Clamp 610mm	PGC-24
Professional Straight Edge Clamp 915mm	PGC-36
Professional Straight Edge Clamp 1270mm	PGC-50

Low-profile clamps allow for accurate cuts, dados and grooves. In addition they properly work as an auxiliary fence on your drill press or router table. Sturdy jaws hold your workpiece to the full length of the clamp without any side-to-side play. Back-to-back clamps with the suitable accessories also let you manage your woodworking operations with a lot of versatility. Adjustable scale and two T-tracks allow you to use many accessories.



Back-to-Back Connectors for Straight Edge Clamps (optional)

Lay two more straight edge clamps on the back of the other pair of straight edge clamps and secure them by using your back-to-back connectors. Fasten the bottom jaw pads to the table top and clamp wood with the top jaw pads. Thanks to the low profile jaws your work surface is never obstructed. The back-to-back straight edge clamps can also be taken apart for making two separate clamps.



DESCRIPTION	ORDER NO.
Back to Back Connectors for straight edge clamps (8-Pieces)	PGC-B2B

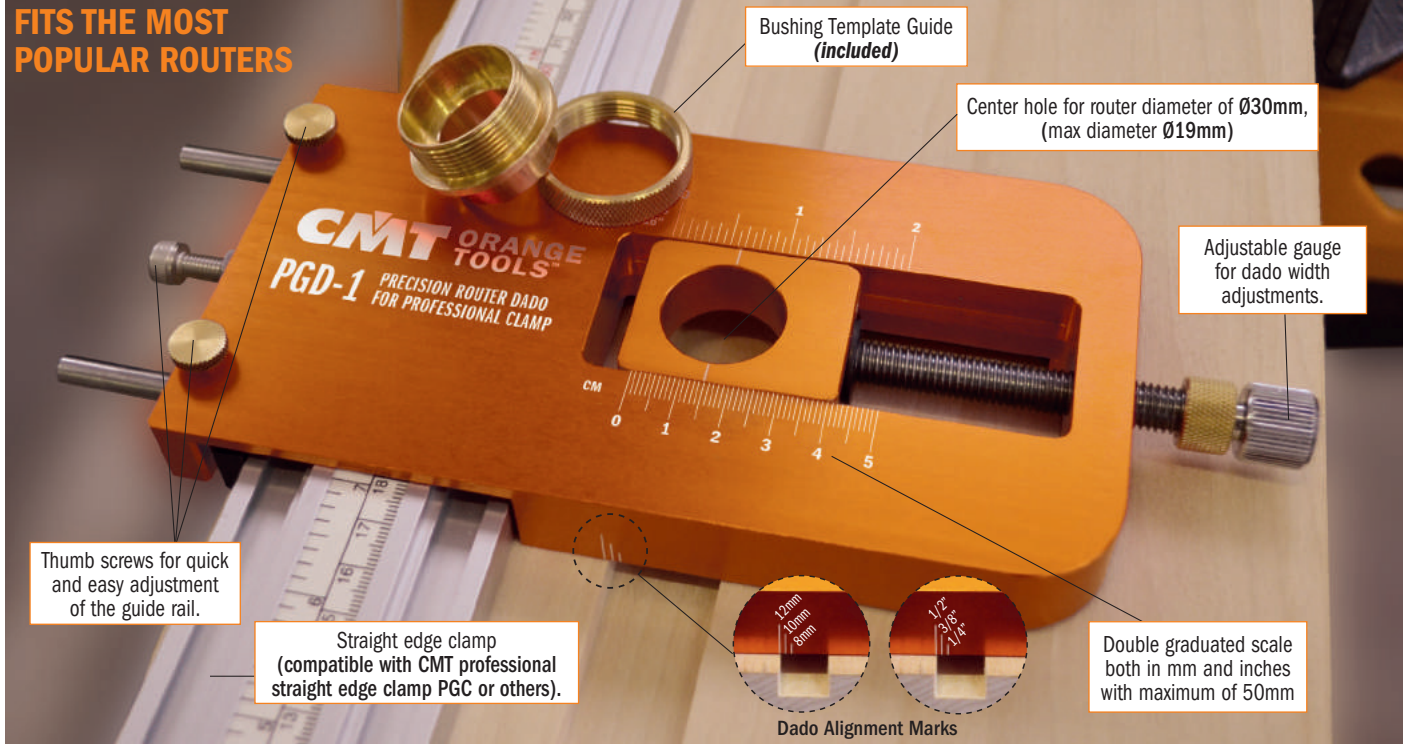
Adjustable Precision Router Dado Jig

new

CMT ORANGE TOOLS®

The perfect tool for crafting grooves, dadoes, and joints. Easy to use and fully adjustable. You can create dadoes of any size using the same router by simply increasing the number of passes you make. Sturdy construction built to last. Smooth rolling steel rollers are ideal for easy maneuverability and stress-free handling. Compatible with almost any router equipped with 1-3/16" (30mm) bushings or by using the Bushing Template Guides included. (bore baseplate sold separately). Guarantees clean precise dadoes.

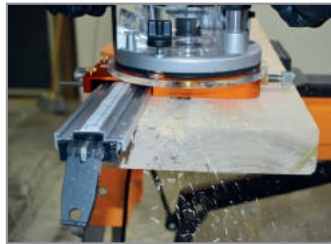
PGD-1



Prepare your router: Install the guide bushing rings into the bore baseplate and then attach it as the base for your router. Select and insert your router bit. Prepare the Adjustable Guide Rail & Straight Edge Clamp: Position both the adjustable straight edge clamp and then the adjustable precision router dado jig onto your workpiece. Then using the adjustable thumb screws, secure it. Once assembled, ensure that the adjustable precision dado jig slides freely.



Insert your router into the center hole of the adjustable precision router dado jig.



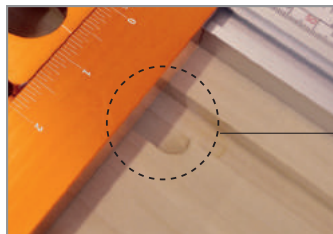
Set your cutting depth by raising or lowering the bit until desired depth is reached. Determine the starting point of the cut you wish to make by using the Dado Alignment Marks on the long sides (width) of the Adjustable Precision Router Dado Jig which indicates the outside edge of the dado cut closest to the straight edge clamp (12-10-8mm front, 1/2", 3/8", 1/4" back).



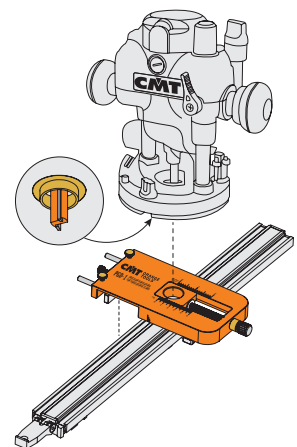
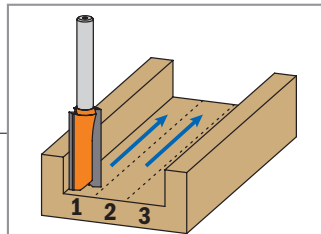
Holding onto your router in position, power on and begin making the cut by pushing forward and back on the straight edge clamp using the precision router dado jig as a guide. Makes impeccable grooves and dadoes along the length of your workpiece.



For creating dadoes that exceed router width, using the adjustable gauge, simply select the desired width on the graduated scale.



Make as many passes necessary to obtain the desired dado width.



RECOMMENDED* (not included)

Universal Router Base

899.000.01 or

899.000.02 Prebored base for CMT7E/CMT8E

*Not required for routers with 1-3/16" bushing guide



RECOMMENDED (not included)

PGC Straight Edge Clamp with graduated scale (pag. 342)

DESCRIPTION	PACK QTY.	ORDER NO.
Adjustable Precision Router Dado Jig	10	PGD-1

Universal Dovetail Jig

CMT300

305mm max length
11~25mm joint thickness

Dovetail joints give a touch of craftsmanship to your work, but many woodworkers avoid these joints, because of their apparent complexity. CMT's new 305mm dovetail jig is the fast easy solution! Thanks to precise templates, permanent stops and easy adjustments, we have taken the "tinkering" out of dovetail joinery. Simply clamp your workpiece in with the edges against the factory-set stops, set your bit depth and then you are ready to rout. Rest assured, we haven't cut corners on quality either. This jig features a rugged steel body, templates, stops and clamping bars that together produce perfect long-lasting joints for all your woodworking needs. The jig accepts stock from 11mm to 25mm in thickness and is capable of crafting a variety of joints with the available templates. The jig comes with a template for 12.7mm half blind joints as well as a template guide. Optional templates are available for through dovetail and box joints.

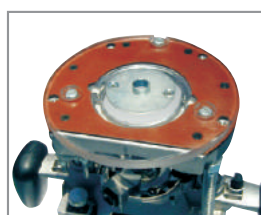


IMPORTANT TIP



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 fit my router?

Standard template guide attaches using two screws spaced 50mm on centre. Many routers are compatible with this design. However, if yours is not, choose from the list of universal routers here below:

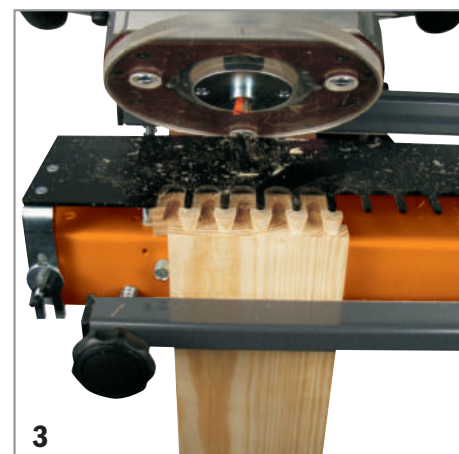
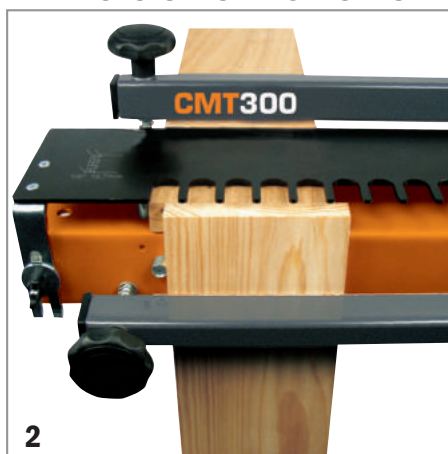
Universal router bases

For Ø8 and Ø12mm shank
For Ø6,35 and Ø12,7mm shank
Prebored router plate for CMT7E and CMT8E

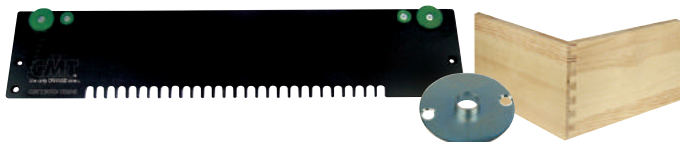
ORDER NO.

CMT300-SB1
CMT300-SB2
CMT300-SB

Here's how it works:



Half Blind Template CMT300-T064



TEMPLATE LENGTH mm	DOVETAIL SIZE mm	THICKNESS mm	COLOUR	ORDER NO.
300	6,3	8 ~ 12	green	CMT300-T064

Supplied with Ø7,8x4mm precision guide

To be used with CMT dovetail router bits:
Ø6x8mm HW bit (Ø6mm shank)
Ø6,35x8,3mm HW bit (Ø6,35mm shank)

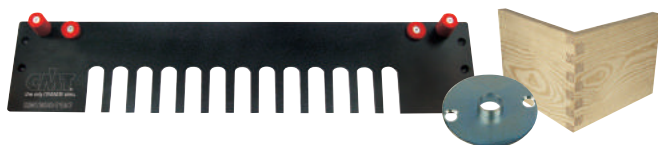


899.003.00

718.060.11

818.064.11

Box Joint Templates CMT300-T080 - CMT300-T127



TEMPLATE LENGTH mm	DOVETAIL SIZE mm	THICKNESS mm	COLOUR	ORDER NO.
300	8	8 ~ 20	blue	CMT300-T080

Supplied with Ø11,1x4mm precision guide

To be used with CMT straight router bits:
Ø8x25mm HW bit (Ø6,35mm shank)
Ø8x30mm HW bit (Ø8mm shank)



899.004.00

811.081.11

912.080.11

TEMPLATE LENGTH mm	DOVETAIL SIZE mm	THICKNESS mm	COLOUR	ORDER NO.
300	12,7	8 ~ 20	red	CMT300-T127

To be used with CMT straight router bits:
Ø12,7x30mm bit HW (Ø6,35mm shank)
Ø12,7x30mm bit HW (Ø8mm shank)
Ø12,7x25mm bit HW (Ø12,7mm shank)

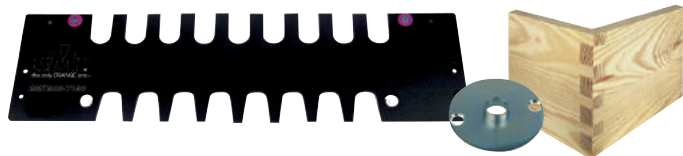


812.127.11

912.127.11

811.627.11

Through Dovetail Templates CMT300-T129 - CMT300-T190



TEMPLATE LENGTH mm	DOVETAIL SIZE mm	THICKNESS mm	COLOUR	ORDER NO.
300	12,7	8 ~ 20	brown	CMT300-T129

Supplied with Ø11,1x4mm precision guide

To be used with CMT straight router bits:
Ø8x25mm HW bit (shank Ø6,35mm)
Ø8x30mm HW bit (shank Ø8mm)



899.004.00

811.081.11

912.080.11

To be used with CMT dovetail router bits:
Ø12,7x20mm HW bit (Ø6,3mm shank)
Ø12,7x20mm HW bit (Ø8mm shank)

818.129.11

918.129.11

TEMPLATE LENGTH mm	DOVETAIL SIZE mm	THICKNESS mm	COLOUR	ORDER NO.
300	19	15 ~ 22	violet	CMT300-T190

Supplied with Ø22x4mm precision guide

To be used with CMT straight router bits:
Ø12,7x30mm HW bit (Ø6,35mm shank)
Ø12,7x30mm HW bit (Ø8mm shank)
Ø12,7x25mm HW bit (Ø12,7mm shank)



812.127.11

912.127.11

811.627.11

To be used with CMT dovetail router bits:
Ø19x22mm HW bit (Ø6mm shank)
Ø19x22mm HW bit (Ø6,35mm shank)
Ø19x22mm HW bit (Ø8mm shank)
Ø19x22mm HW bit (Ø12mm shank)
Ø19x22mm HW bit (Ø12,7mm shank)



718.190.11

818.190.11

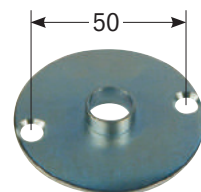
918.190.11

918.690.11

818.690.11

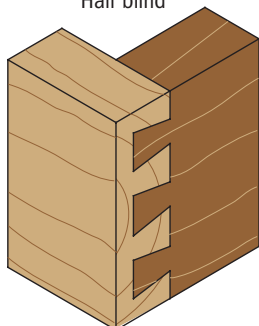
Precision guide for router:

DIAMETER	ORDER NO.
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
27 x 6mm	899.008.00
30 x 6mm	899.007.00



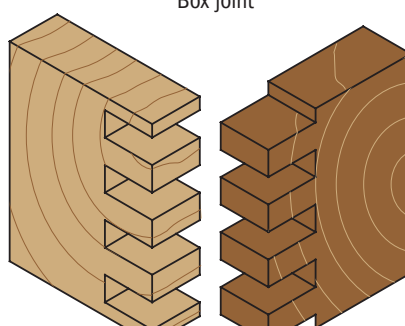
Here are a few of the beautiful dovetail joints you can produce using CMT bits

Half blind



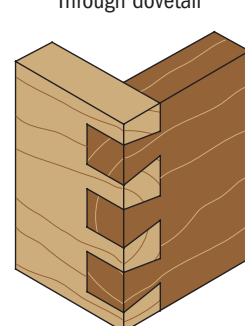
CMT300 - T064
CMT300 - T128 (INCLUDED with CMT300)

Box joint



CMT300 - T080
CMT300 - T127

Through dovetail



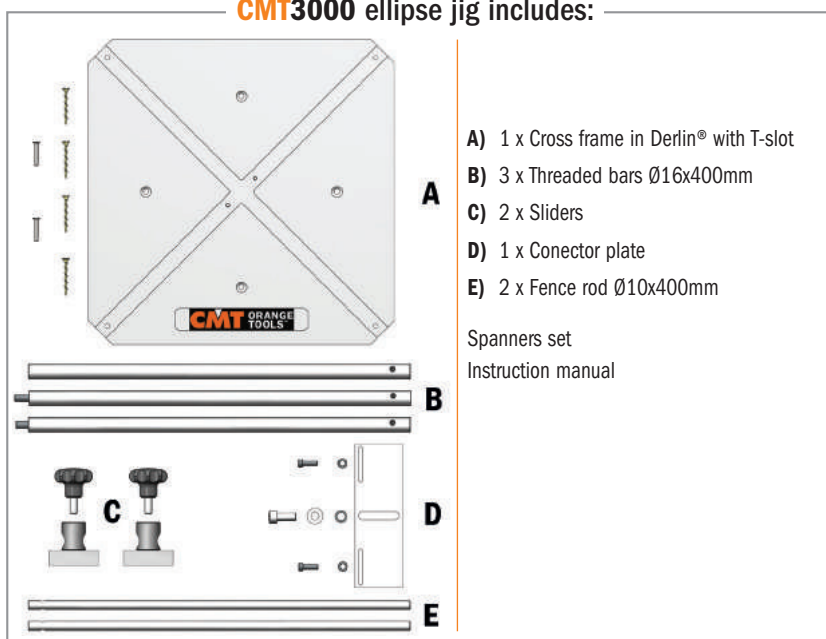
CMT300 - T129
CMT300 - T190

CMT3000

This product has been designed for cutting ellipses and circles with any type of router. You can make ellipses and circles for windows, doors and any other application. By using two slides into the T-slot you can cut ellipses, whereas if you use one slide, you can cut circles.



CMT3000 ellipse jig includes:

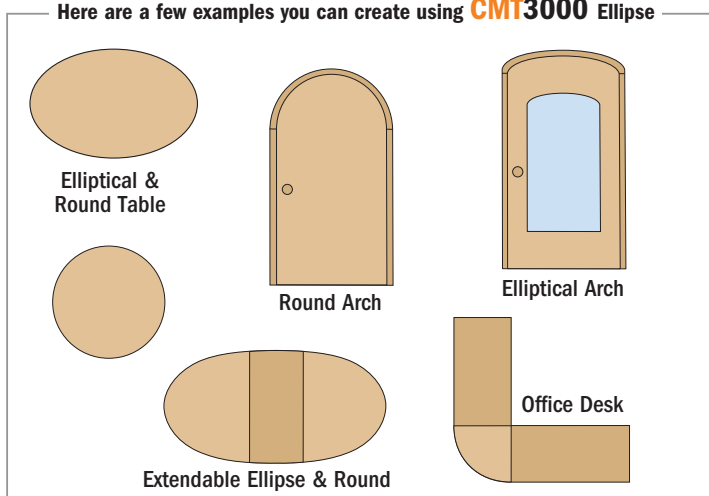


Ellipse and circle cutting jig:

- Precise and rapid creation of ellipses and circles.
- Simple setup and effective operating.
- Clamping system for any type of routers.
- Special plastic cross frame with excellent sliding performance.
- Precisely machined T-slots and steel sliders.
- Zinc-coated metal parts to prevent rust.
- Delivered in a carton box along with instruction manual.

Major axis	Minor axes	
	Max	Min.
3000	2890	2590
1800	1690	1390
1500*	1390	1090
1030	920	620
900	790	620
730	620	620
*Min/Max radius routing with standard equipment		550/1500
Package dimension (mm)		445x360x85
Weight		6 kg.

Here are a few examples you can create using **CMT3000** Ellipse



Optional



CMT3000-SB1

Ø170x15mm Delrin® guide plate for CMT3000 to be used with CMT7E & CMT8E

DESCRIPTION	ORDER NO.
Ellipse & Circle Cutting Jig	CMT3000
Optional:	
400mm robust bar to extend the working radius	CMT3000-7
2-Pcs. of fence rod for routers with bars up to Ø8mm in diameter	CMT3000-8
Ø170x15mm Delrin® guide plate for CMT3000 to be used with CMT7E & CMT8E	CMT3000-SB1

CMT650

For perfect joints

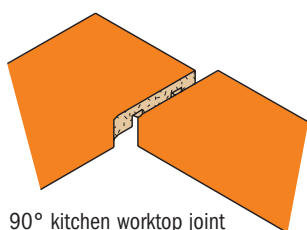
For kitchen worktops from 420mm to 650mm in width.

CMT650 is designed to cut kitchen worktop joints with any type of router.

Letter code system for different operations makes the jig work much easier and very quick.

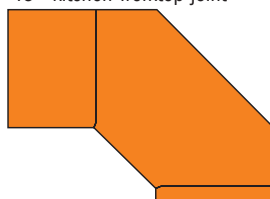


Joints made in 15 minutes! Including setup time



90° kitchen worktop joint

45° kitchen worktop joint



JIG INCLUDES:

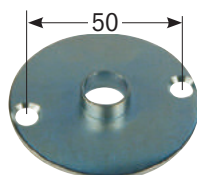
- 1pc. Phenolic template
- 3pc. Zinc-coated steel location bush
- 1pc. Adjustable end stop
- 1pc. Instruction manual

Optional

- Portable router
- Guide bush Ø30mm*
- HW straight bit Ø12mm
- Two clamps

* COMBINATION ROUTERS/ACCESSORIES

Router	Bush guide	Base Plate
CMT7E	899.007.00	CMT300-SB
CMT8E	899.007.00	CMT300-SB
NO-CMT	899.007.00	CMT300-SB1



Bush guide



Base plate



652

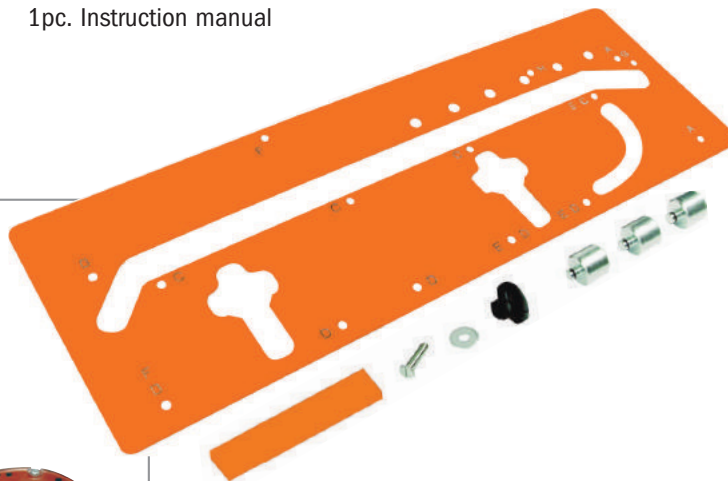


8/912

Bits for the jig:

We recommend the use of these Ø12mm straight bits:

ORDER NO.	DESCRIPTION
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 Ø12mm straight bits.

- Template made of stable and hardened material.
- For 90° and 45° joints
- 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 a clear and comprehensive instruction manual.

DESCRIPTION	ORDER NO.
Kitchen Worktop Jig	CMT650

Universal Hinges Boring System

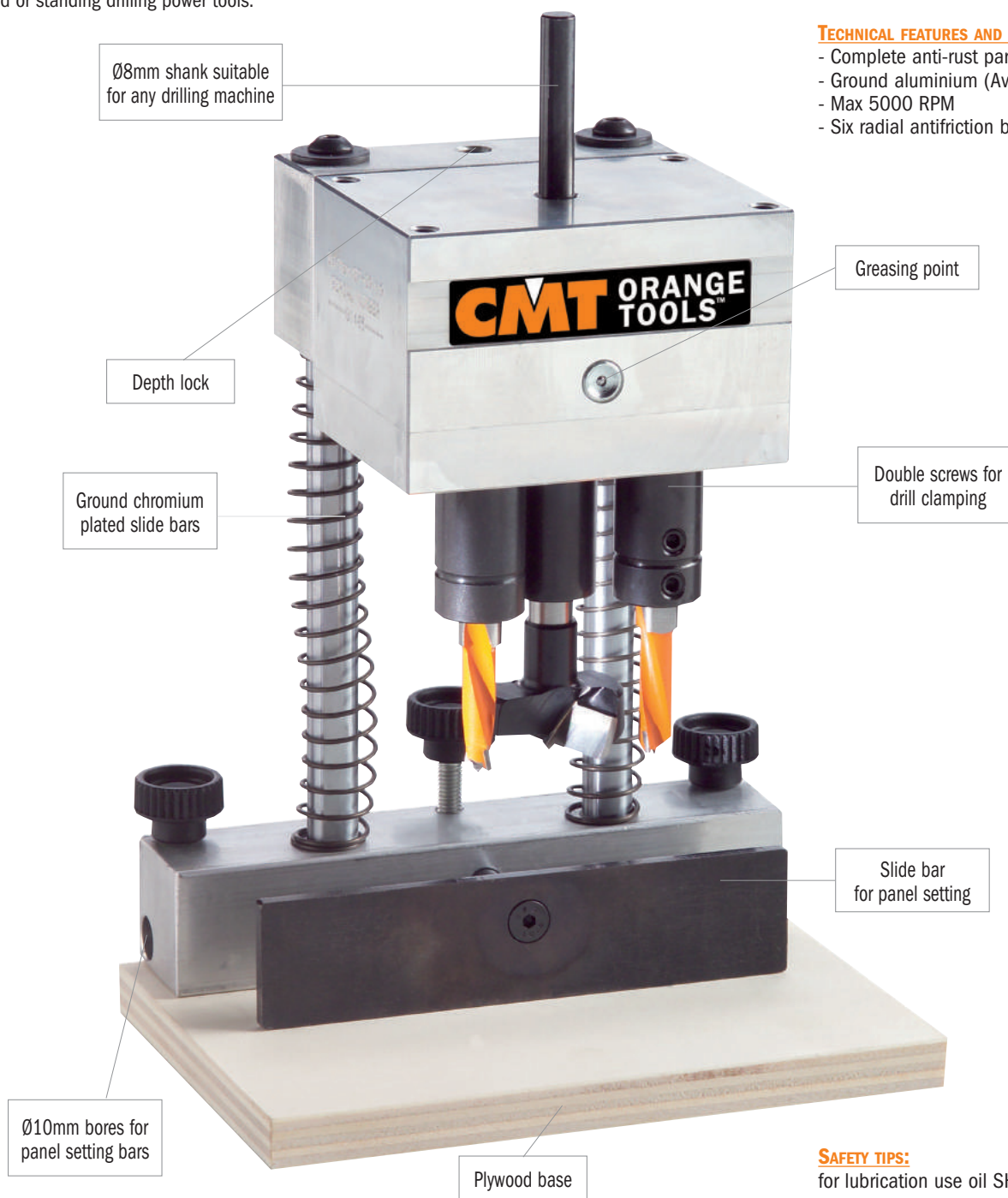
CMT ORANGE TOOLS®

The innovative CMT333 hinge boring system with 3 spindle-heads allows you to bore holes for any hinge brand, such as Salice, Blum, Hettich, Würth, Mepla, Grass, etc.. The universal modular base supports the installation of 5 different boring heads, engineered by the worldwide leading company in industrial boring machines. Use the CMT333 universal hinge boring system on all hand-held or standing drilling power tools.

CMT333

TECHNICAL FEATURES AND SPECIFICATIONS

- Complete anti-rust parts
- Ground aluminium (Avional)
- Max 5000 RPM
- Six radial antifriction bearings



SAFETY TIPS:
for lubrication use oil SHC100 Mobil



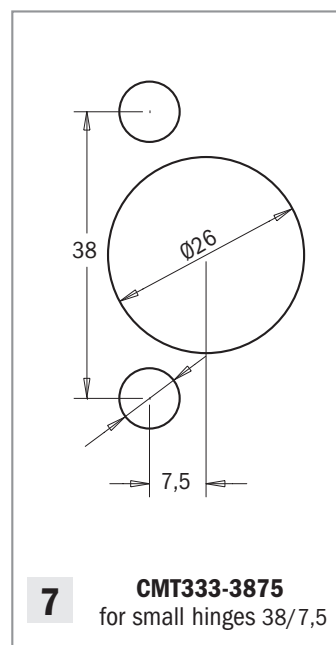
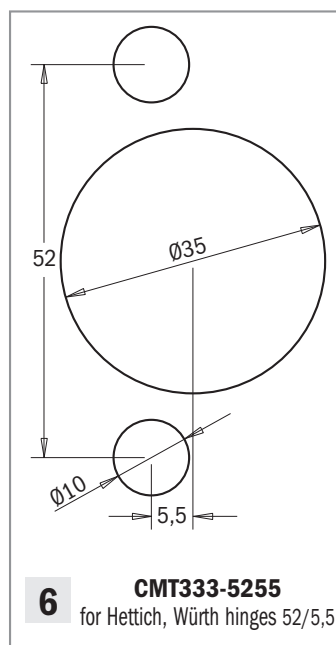
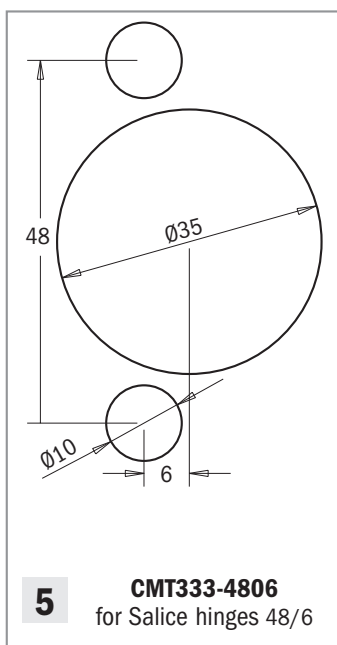
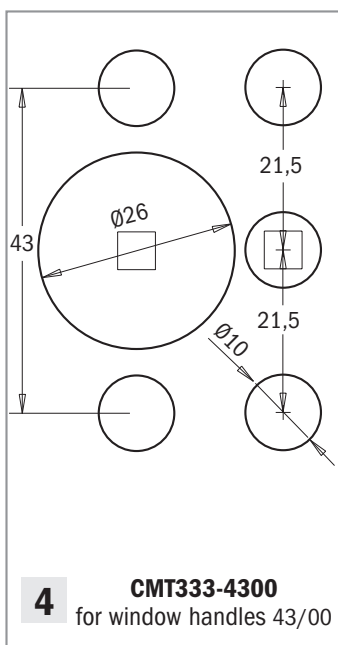
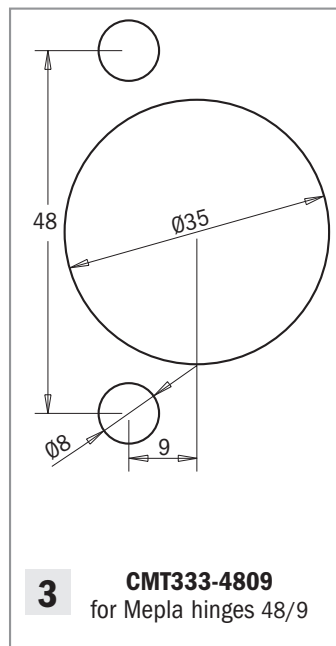
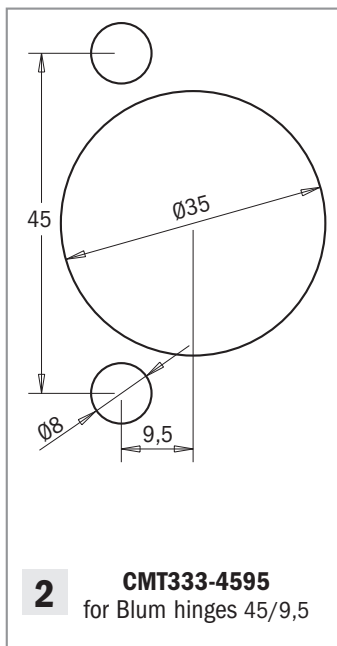
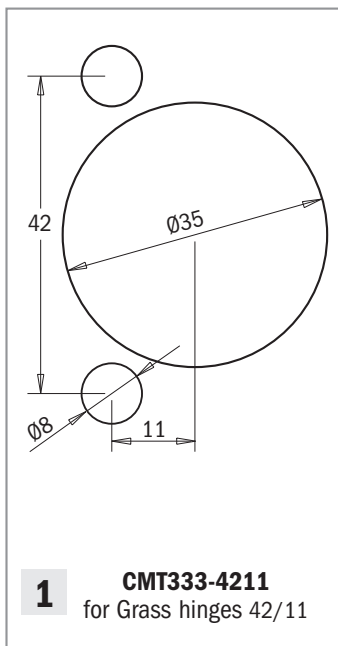
For use on standing drilling machines



To use on standing drilling power tools



For use on CMT Industrio router table

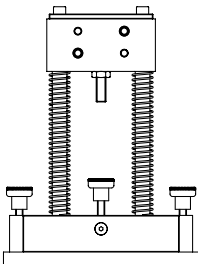

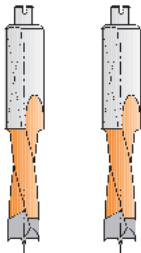
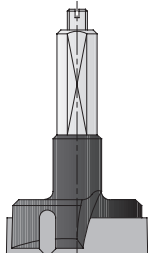


MAXIMUM VERSATILITY FOR ANY BRAND

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
7	Small hinges	38/7,5
8	System 32	

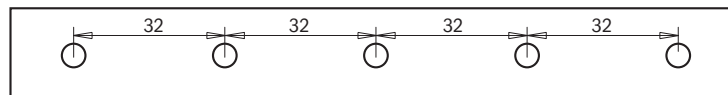
Support modular base	Boring heads		Drill bits		Boring bit	
	+		+		+	
ORDER NO.	ORDER NO.		ORDER NO. Left-hand rotation		ORDER NO. Right-hand rotation	
CMT333	CMT333-4211	Grass	310.080.12 (2 pcs.)		317.350.11	
CMT333	CMT333-4595	Blum	310.080.12 (2 pcs.)		317.350.11	
CMT333	CMT333-4809	Mepla	310.080.12 (2 pcs.)		317.350.11	
CMT333	CMT333-4300	W/handles	310.100.12 (2 pcs.)		317.260.11	
CMT333	CMT333-4806	Salice	310.100.12 (2 pcs.)		317.350.11	
CMT333	CMT333-5255	Hettich	310.100.12 (2 pcs.)		317.350.11	
CMT333	CMT333-3875	small hinges	310 your choice (2 pcs.)		317.260.11	
CMT333	CMT333-325	System 32	(3 pcs. RH + 2 pcs. LH)			

Boring head System 32

The universal modular base supports the installation of the System 32 with 5 adaptors, engineered by the worldwide leading company in industrial boring machines. Use the CMT333 universal hinge boring system on all hand-held or standing drilling power tools.

CMT ORANGE TOOLS®

CMT333-325

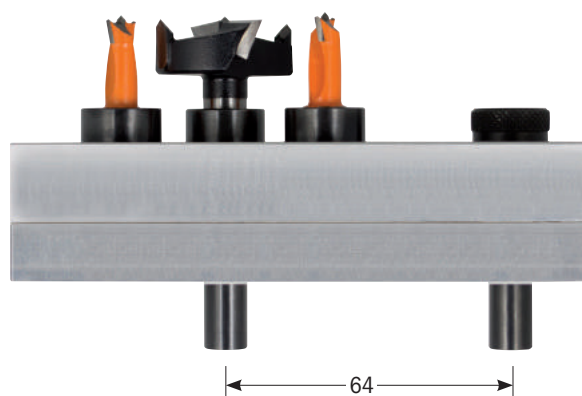


DESCRIPTION	ORDER NO.
Boring head with 5 adaptors for system 32	CMT333-325

Blum Hinges Boring Head

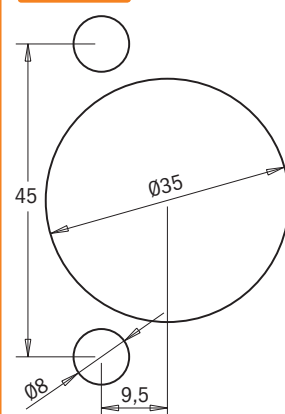
The innovative CMT334 Universal Hinge Boring Head features three spindles which allow you to bore the holes for all of the major hinge brands. The head can be utilized on boring and point to point machines.

CMT334



For use on boring and point to point machines.

Standard



DESCRIPTION	ORDER NO.
Hinge Boring Head (bits not included)	CMT334-4595
Boring Bit Ø35mm x 38,5mm. Right-hand rotation	393.350.11
Dowel Drill Ø8mm x 38,5mm. Left-hand rotation	393.080.12

CMT334-4595
for Blum hinges 45/9.5

Bench Block Set

These blocks are great for holding your workpiece without any clamps. Their anti-slip surface grip both your bench top and the underside of your workpiece. Raise your work above the bench and benefit from plenty of clearance for your router bits, cutters, etc.

Length: 75mm
Width: 50mm
Height: 25mm

BBS-001



DESCRIPTION	ORDER NO.
Bench block set (4-Pcs.) 75x50x25	BBS-001

Pocket-Pro™ Joinery System

For fast, easy and accurate cabinet & furniture construction. Designed by CMT and professional cabinetmakers, this new system allows you to make rock-solid pocket hole joints in stock 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 moulded jig, which features hardened drill bushings and an interlocking two-piece design.

Sliding the jig up or down enables you to adjust the stock thickness 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 joint applications, but you will benefit from many Pocket-Pro™ system advantages.

For example:

- some jigs require adding or removing various parts of the jig to join different stock thicknesses.

With the Pocket-Pro™ system you simply have to adjust the interlocking jig up or down for the full range of joints 12,7mm (1/2") to 40mm (1-5/8") thick;

- other jigs require frequent repositioning of the depth stop collar for different joint styles. CMT's Pocket-Pro™ joinery system allows you to make most of the adjustments leaving the stop collar in the same position of the drill bit;

- plus, with CMT's Pocket-Pro™ system 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 beginners and accurate enough for professional workers, it is the world's most versatile pocket hole jig.

PPJ-002



515.001.51+541.095.00



999.505.05



999.505.10



990.101X30



999.505.08

DESCRIPTION	ORDER NO.
Pocket-Pro™ joinery system set	PPJ-002
Set contains:	
Pocket-Pro™ main parts	999.505.10
Toggle clamp	999.505.05
9,5mm (3/8") step drill bit	515.001.51
9,5mm (3/8") depth collar for step drill bit	541.095.00
152mm (6") Square drive screw driver bit	999.505.08
Masterpack 30 screw 1-1/4"	990.101X30

DESCRIPTION OPTIONAL

ORDER NO.

500 fine screws (31,7mm)	990.101X500
500 coarse screws (31,7mm)	990.102X500
500 fine screws (38,1mm)	990.103X500
500 coarse screws (38,1mm)	990.104X500
Face clamp swivel pad	999.505.06
6mm (3/8") square drive screwdriver bit	999.505.07

Optional

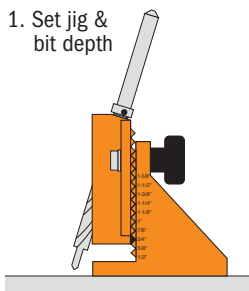


999.505.06

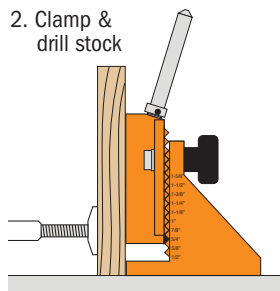
Face clamp with swivel pad

Enjoy Easy Pocket Hole Joinery!

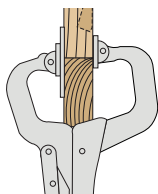
1. Set jig & bit depth



2. Clamp & drill stock



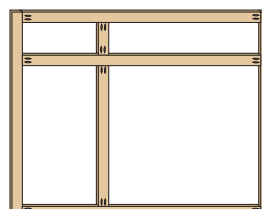
3. Assemble the joint!



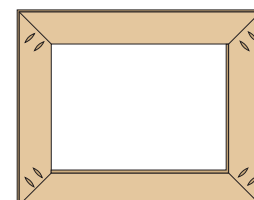
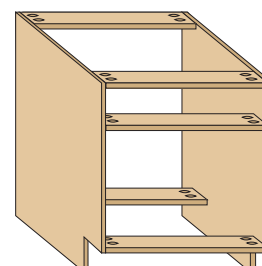
Pocket & Screw

Build almost anything!

Face Frames



Cabinets and more!



Picture Frames

Universal Boring Template

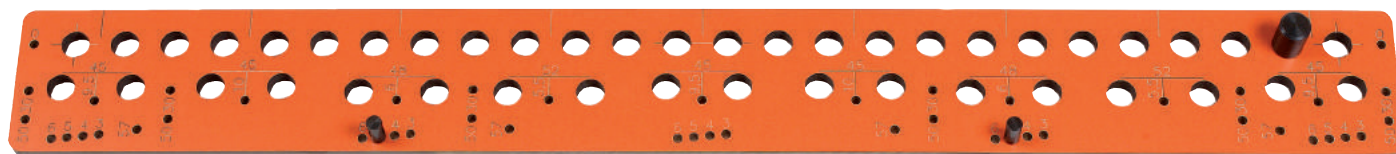
CMT900

**For dowelling into surfaces
and shelf supports
and hinges**

CMT's universal boring template has been designed for precise and productive manual dowelling of furniture elements by using 32mm Euro-System screws, for boring shelf supports with 3mm or 5mm diameter and for making and marking hinge holes.

By using this template you can prebore the most popular hinge types and also to bore holes for pivots, wooden screws and hinges on the base element, as well as prebore door hinges, included the marking of holes featuring 35mm in diameter for hinges.

This template will guarantee high precision work and productivity and has been designed to be used in pair with the specific CMT400-1 boring adaptor supporting any Ø8mm shank drill bits featuring different diametres.



Laminated phenolic material

Clear and comprehensible template marking

Precise end stops



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 **CMT656, CMT900 JIGS**
to be used with drill bits up to 30mm depth:
306.030.21 - 306.050.11 - 306.080.11

QUICK AND EASY:

TECHNICAL DETAILS:

CMT900

Max. board width in one tightening:900mm
Max board width:no limits
Board thickness:no limits
For dowels:Ø8mm
Hole distance:32mm
Number of holes:26
For shelf support:Ø3mm, Ø5mm
For hinges:Ø3mm for wooden screws
Ø5mm for Euro screws



HW DOWEL BITS (not included):

DESCRIPTION	ORDER NO.
D=3x18mm S=8x20mm HWM	306.030.21
D=5x30mm S=8x20mm HW	306.050.11
D=8x30mm S=8x20mm HW	306.080.11

Other sizes available in 306-307 series

Boring into a surface for dowel joints using the template.

Boring Ø3mm and Ø5mm holes for shelf supports.

Preboring holes for hinges (base and panel).



CMT900 Boring Template Includes:

- Boring template from laminated pertinax
- End stop set
- End stop set for large elements
- Centering pin for hinges

DESCRIPTION	ORDER NO.
Universal Boring Template	CMT900

Universal Boring Jig

This universal boring jig has been designed for precise and productive manual dowelling of furniture elements and guarantees high precision work and productivity. The holes have been made with a distance of 32mm between one another, in compliance with the European regulations for doweling machine production. Also, the dowel jig fits CMT Ø8mm shank HW drill bits, clamped into a special boring adaptor.

CMT656

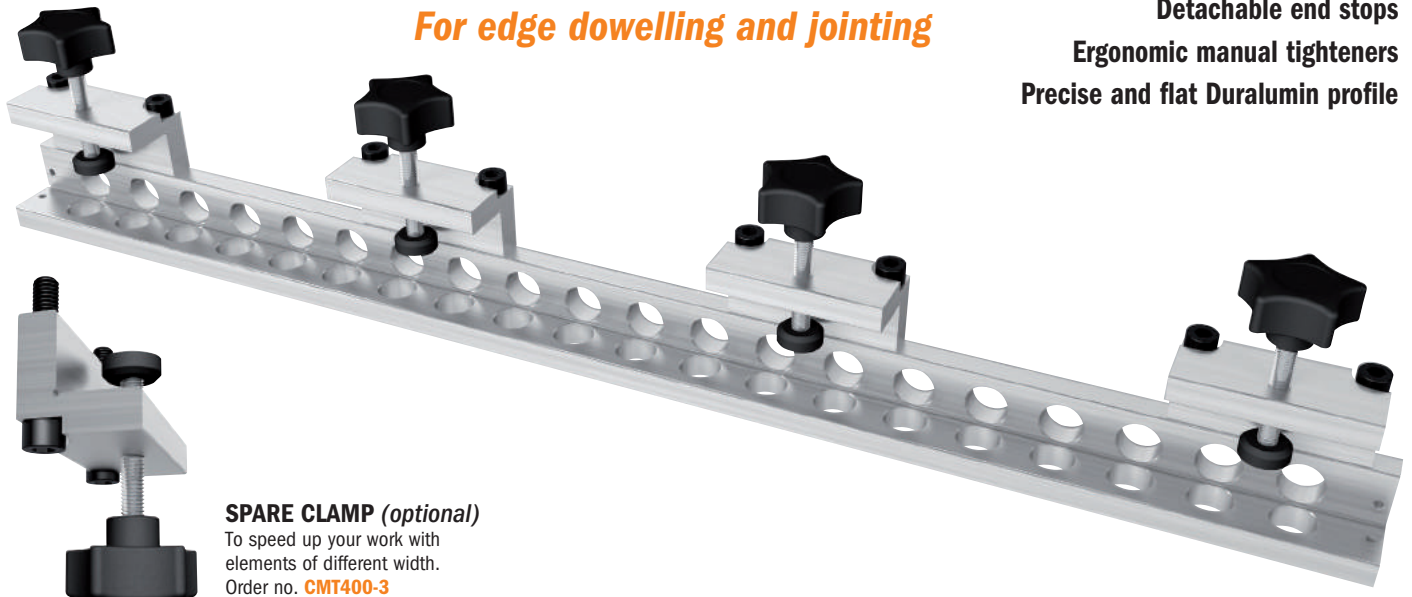
Precise holes

Detachable end stops

Ergonomic manual tighteners

Precise and flat Duralumin profile

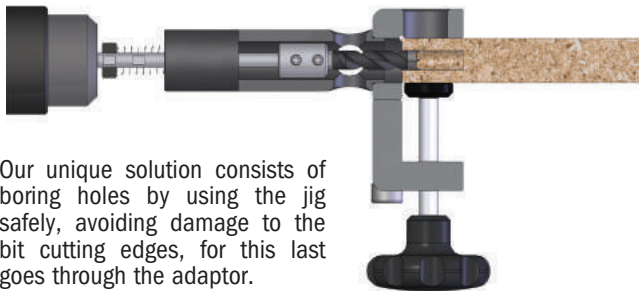
For edge dowelling and jointing



SPARE CLAMP (optional)

To speed up your work with elements of different width.
Order no. **CMT400-3**

UNIQUE SOLUTION



Our unique solution consists of boring holes by using the jig safely, avoiding damage to the bit cutting edges, for this last goes through the adaptor.

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 **CMT656, CMT900 JIGS**

to use with drills bit:

306.030.21 - 306.050.11 - 306.080.11 - 307.050.11

ORDER NO. **CMT400-2** (for screw joints)

Boring adaptor for **CMT656, CMT900 JIGS**

to use with the drill bit: **307.050.11**

3 easy steps in creating dowel joints

1



Place the jig onto the board, fix the end stop and tighten the workpiece. Set the bore depth and clamp the boring adaptor on your drilling machine. Bore vertical holes.

2



Fasten the jig on the other element, fix the end stop and set the bore depth. Bore horizontal holes.

3



Now insert the dowels with glue into the holes and join both elements.

3



As an alternative, use through hole bits and screw the elements together.

HW DOWEL BITS (not included):

DESCRIPTION	ORDER NO.
D=3x18mm S=8x20mm HWM	306.030.21
D=5x30mm S=8x20mm HW	306.050.11
D=8x30mm S=8x20mm HW	306.080.11
D=5x40mm S=8x20mm HW	307.050.11 for screw joints
D=7x40mm S=8x20mm HW	307.070.11 for screw joints

Other sizes available in 306-307 series

TECHNICAL DETAILS:CMT656

Max board width in one tightening:656mm

For dowels:Ø8mm

For through holes:Ø7mm

Hole distance:32mm

Number of Ø18mm holes :2x20

Board thickness:16-40mm

Facet (elements lap):0,8mm

DESCRIPTION

Universal Boring Jig (656mm in one tightening)

ORDER NO.

CMT656

3D Router Carver System

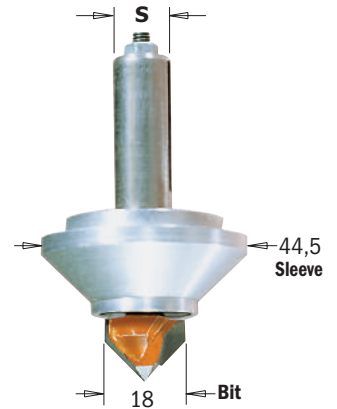


Exclusively from your CMT distributor

RCS

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
- Your plunge router

(Note: Be sure the opening in the base of your router is at least 47,6mm in diameter.

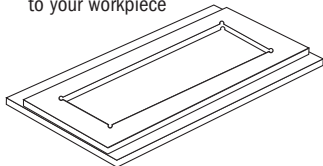
If it isn't, you'll need to make a sub-base to accept the large diameter of the 3D Carver bit.)

3D Router Carver Bit & Sleeve

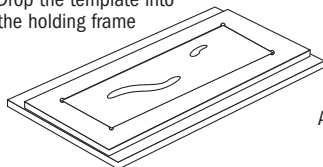
S mm	ORDER NO. Right-hand rotation	Spare parts						Optional
8	RCS-BIT8							
12,7	RCS-BIT	RCS-CUT8	RCS-SLE8	RCS-SHIELD	RCS-NUT8	991.007.00		RCS-SLEEVE8
		RCS-CUT	RCS-SLE	RCS-SHIELD	990.091.00	990.092.00		RCS-SLEEVE

Here's how it works:

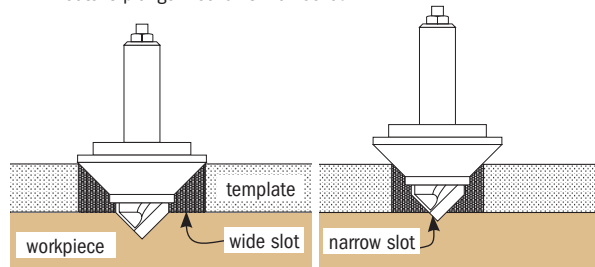
1. Clamp or tack the holding frame to your workpiece



2. Drop the template into the holding frame

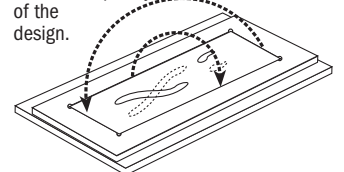


3. Plunge the bit into a wide part of the slot and rout with the router's plunge mechanism unlocked.

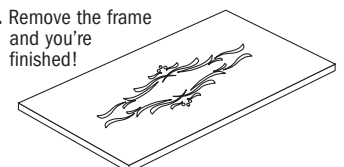


Allow the plunge mechanism to move up and down as you advance. Wider template slots allow wider, deeper grooves. Narrower slots produce shallower grooves.

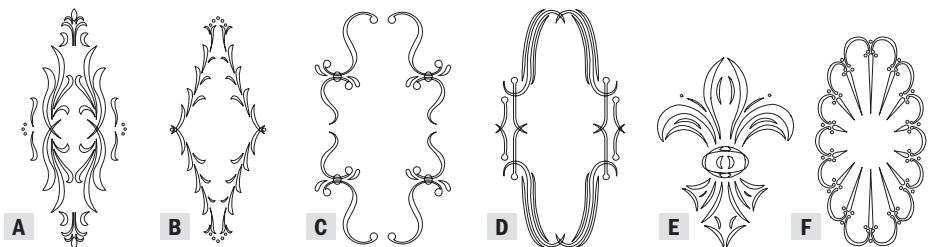
4. With the frame still in place, flip the template & rout again. Some templates will be routed 2 to 4 times, depending on the complexity of the design.



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 is 5 minutes.

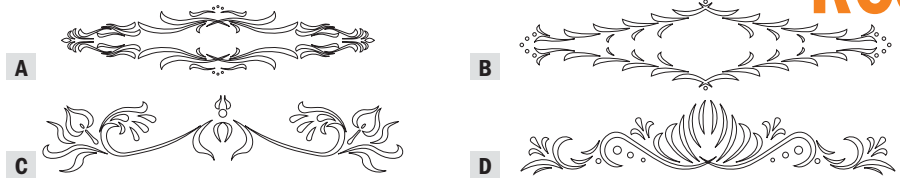
DESCRIPTION	CARVING DIMENSIONS mm	No. OF TEMPLATES	ORDER NO.
Classical cabinet door - A	440 x 185	2	RCS-302
Florentine cabinet door - B	415 x 170	2	RCS-304
Cascade cabinet door - C	365 x 210	1	RCS-305
Roma cabinet door - D	375 x 200	1	RCS-306
Fleur-de-Lys door - E	250 x 180	4	RCS-805
Spanish fan template - F	380 x 200	2	RCS-806
Cabinet door holding frame			RCS-003



Tip: many carvings, like the Florentine rail, are enhanced with the additional of a rosette.



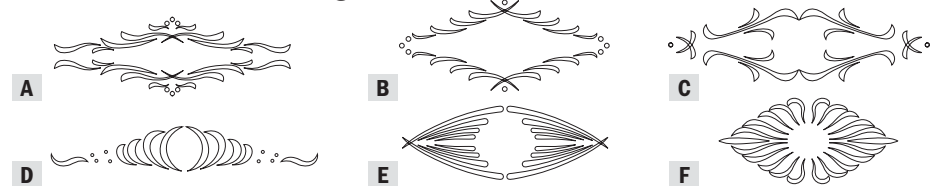
Panel & Rail Carvings



With a long, horizontal shape, these designs are perfect for door rails, headboards, cabinet face frames and valences. Approximate carving time is 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

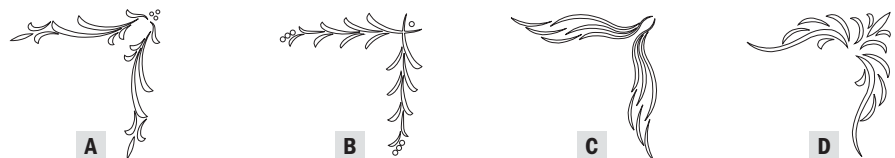
Drawer & Furniture Carvings



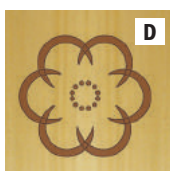
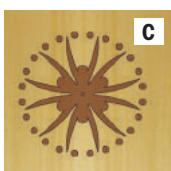
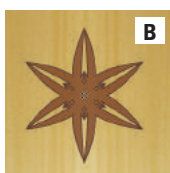
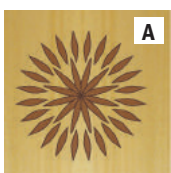
Originally intended for drawer fronts, these designs are great for lots of other projects: small doors, side panels of cabinets, furniture and more. For door and drawer combinations, match the style of the door designs above. Approximate carving time is 4 minutes.

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

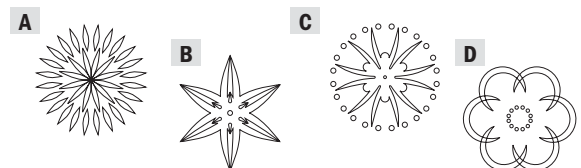


DESCRIPTION	CARVING DIMENSIONS mm	No. OF TEMPLATES	ORDER NO.
Classical "A"	155 x 40	3	RCS-602
Florentine "B"	120 x 30	3	RCS-604
Cascade "C"	190 x 40	3	RCS-605
Folklore "D"	150 x 45	3	RCS-606
Corner Holding Frame			RCS-006



Rosette Carvings

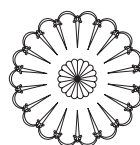
You get two templates for the price of one with these designs! Each item includes templates for two sizes of rosette. Use with the rosette frame sold above, or use the large rosettes with the cabinet door frame or small rosettes with rail frame.



DESCRIPTION	CARVING DIMENSIONS 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

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

Just for fun: Designs For every animal lover!

Your imagination will be your guide on these neat designs. Furniture or decorations for the kids, paneling for the den or rec room, a gift for the sportsman.



DESCRIPTION	CARVING DIMENSIONS mm	No. OF TEMPLATES	ORDER NO.
Dolphin - A	200 x 290	4	RCS-803
Eagle - B	178 x 298	4	RCS-804
Deer - C	394 x 190	4	RCS-901
Horse - D	445 x 203	3	RCS-902
Longhorn - E	419 x 194	4	RCS-904
Teddy bear - F	394 x 203	3	RCS-906
Cabinet Door Holding Frame			RCS-003

Organizer

100 bits at your fingertips

When you constantly work on projects, you always need your most used bits right within reach and safely organized. CMT gives you the perfect solution for keeping them all in sight, thanks to the 100 piece organizer. This conveniently holds any size router or drill bit by using CMT's interchangeable bushings to fit all CMT shank diameters. See options listed below.

03.51



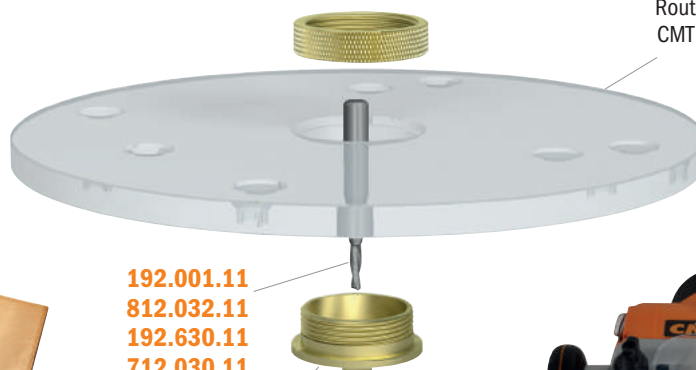
DESCRIPTION	ORDER NO.
Bit Organizer (without bushings)	03.51.0106
Interchangeable Bushings for Ø6mm shank (20-Pcs.)	03.51.0046A
Interchangeable Bushings for Ø6,35mm shank (20-Pcs.)	03.51.0047A
Interchangeable Bushings for Ø8mm shank (20-Pcs.)	03.51.0048A
Interchangeable Bushings for Ø9,5mm shank (20-Pcs.)	03.51.0057A
Interchangeable Bushings for Ø10mm shank (20-Pcs.)	03.51.0058A
Interchangeable Bushings for Ø12mm shank (20-Pcs.)	03.51.0059A
Interchangeable Bushings for Ø12,7mm shank (20-Pcs.)	03.51.0049A

CMT Inlay Kit

CMT ORANGE TOOLS®

899

Beautiful, professional-quality inlays aren't as difficult as they seem. In fact, they are easy with the CMT inlay kit. Just remove and reassemble the small bushing to make the recess in the workpiece and cut out the inlay. Perfect for toy making, puzzle making, lettering and lots of other decorative projects. Use the spiral bit for routing MDF, or the straight bit for natural wood.



899.000.02
Router base for
CMT7E/CMT8E

192.001.11
812.032.11
192.630.11
712.030.11

899.001.00
Inlay kit



Complete instructions for assembling
and using CMT inlay kit are included.

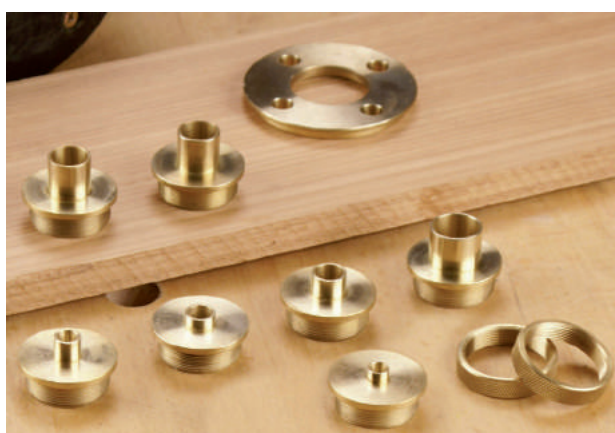
DESCRIPTION		ORDER NO.
Inlay kit with 3,2mm (1/8") HWM spiral bit	(Ø6,35mm shank)	899.051.00
Inlay kit with 3,2mm (1/8") HWM straight bit	(Ø6,35mm shank)	899.052.00
Solid brass template guide		899.001.00
Universal router base		899.000.01
Router base for CMT7E/CMT8E		899.000.02
3,2mm (1/8") HWM spiral bit	(Ø6,35mm shank)	192.001.11
3,2mm (1/8") HWM straight bit	(Ø6,35mm shank)	812.032.11
3mm HWM spiral bit	(Ø6mm shank)	192.630.11
3mm HWM straight bit	(Ø6mm shank)	712.030.11

Template Guide Kit

A practical 7-bushing kit that will extend the possibilities of your router. For template-controlled operations such as dovetailing, stair routing, hinge butt routing, lock face routing and more general template tasks.

These template guides can be used with any router featuring a 30mm (1-3/16") bore base-plate.

Fits the most popular routers. Some routers require CMT's base 899.000.02.



CMT-TGA

Optional



DESCRIPTION	ORDER NO.
Prebored base for CMT7E and CMT8E	899.000.02
Universal base	899.000.01

DESCRIPTION	ORDER NO.
Template Guide Kit	CMT-TGA

Set contains:

QTY.	1	1	1	1	1	1	1	2	1
Internal diameter	15,87mm	16,66mm	13,49mm	10,31mm	8,73mm	7,14mm	6,35mm	Lock Nut	Adapter
Outside diameter	20,24mm	19,05mm	15,87mm	12,7mm	11,11mm	9,52mm	7,93mm	Lock Nut	
Height	14,28mm	14,28mm	14,28mm	7,93mm	3,96mm	7,93mm	3,96mm		

Flexible Templates for Curved & Arched Routing

The CMT flexible template is easy to screw on any kind of wooden panels, MDF or chipboard for creating forms, arcs and curved elements easily and rapidly. In order to fix your template you can use countersunk screws, which are widely available on the market. The CMT template is made of a highly-resistant flexible plastic, which can be tied in knots without any risk of ruining or reducing flexibility.

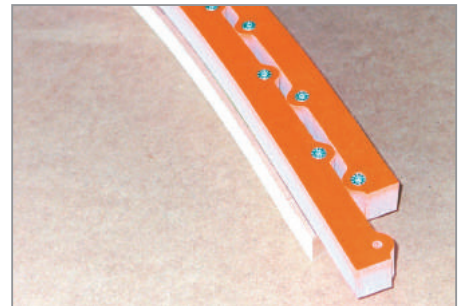
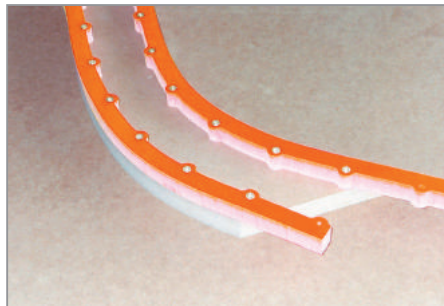
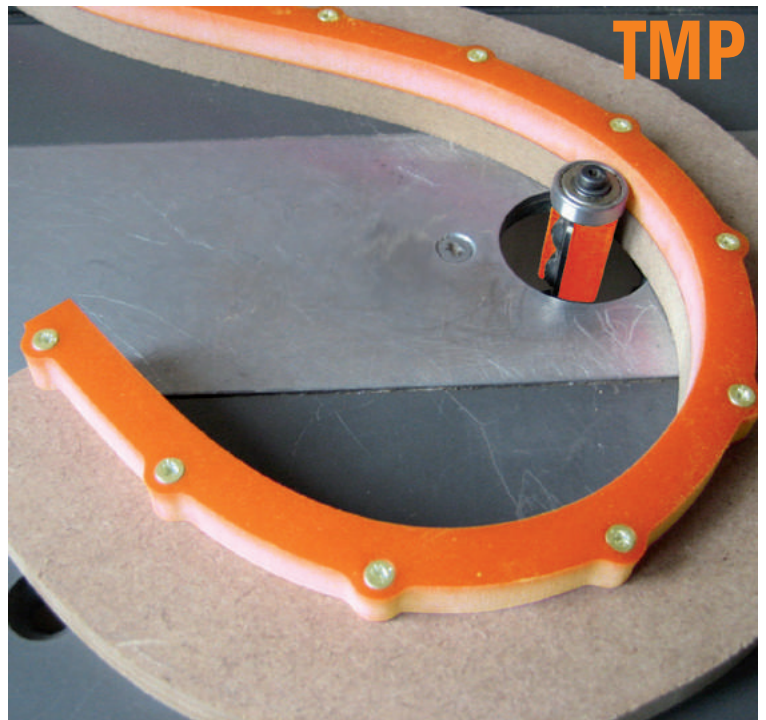
Screw your template to the edge of the panel and follow its shape and rout the border on the guide ring. The template is suitable for manual feed on routers, router tables and spindle moulders. Rout easily, safely and accurately to make multiple forms such as arcs, curved elements and cut-out forms. Mark the edge of your form precisely and screw it onto a previously-placed panel from underneath.

If you rout with a guide ring mounted onto your spindle moulder, keep your hands a safe distance behind the template. Two different profiles in three lengths are available. Please notice that the smallest profile features a short radius, whereas the larger profile features a larger opening in case of flat and long curves.

TECHNICAL SPECIFICATIONS:

- Special plastic without any plasticizer.
- Made in Germany.
- Lasts more than 10 years!

DESCRIPTION	L mm	ORDER NO.
Flexible template for routing 18x18mm	1000	TMP-1000
Flexible template for routing 12x12mm	1200	TMP-1200
Flexible template for routing 18x18mm	2000	TMP-2000



12 Corner Radius Router Template Set from 3mm to 25mm

Our useful 3-piece corner radius template set includes 8mm thick acrylic templates that will allow you to make 12 different radii (4 per template) by using a flush trim or a pattern bit (sold separately). Included with the templates you will also find 4 alignment pins and 4 wood screws. Use the pins to align the template onto your workpiece, then use the four wood screws provided to secure it. Remove the alignment pins and use the bit to cut the corner of your workpiece to the same radius as the template.

RADIUS	
mm	inches
3	1/8"
5	3/16"
6	1/4"
8	5/16"
10	3/8"
11	7/16"
12	1/2"
14	9/16"
16	5/8"
19	3/4"
22	7/8"
25	1"

DESCRIPTION	ORDER NO.
12 Corner Radius Router Template	TMP-R12
Set contains:	
12 Different Radii (3 templates)	
4 Alignment Pins	
4 Wood Screw	



Laminate/Veneered-Panel Cutter

A very useful hand tool for clean, splinter-free cuts on laminates and veneered with no waste. Place your material into the fence provided and have the cutter run along the edge of the panel. The two opposing steel-made circular cutting blades mounted on roller bearings will trace the cutting line. Use the micrometer knob on the top of the tool to set the cutting thickness, or adjust the strip width by using the metric/inch scale provided. Loosen the lock knob on the scale, move the metal bracket which holds the fence and tighten the lock knob again on the desired cutting width.

TECHNICAL FEATURES:

- Cutting width: 12~110mm (15/32" ~ 4-21/64").
- Cutting depth: 0~2mm (0 ~ 5/64").
- Weight: 1.2 kg (2.65 lbs).

DESCRIPTION	ORDER NO.
Laminate/Veneered-Panel Cutter	DET-003



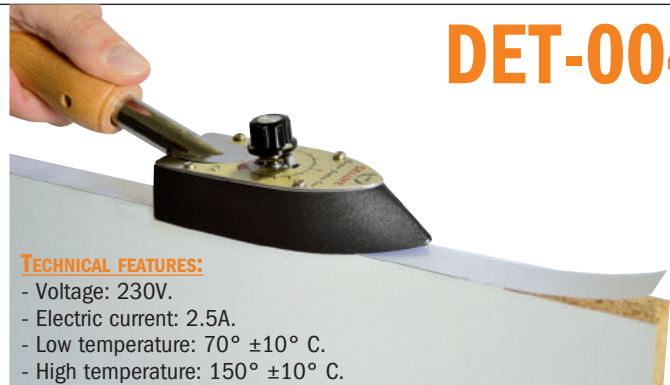
DET-003

Edge Banding Iron

Apply pre-glued edge banding easily and accurately. The iron non-stick surface allows smooth and easy application. The thermostatically controlled short preheat time gets you working quicker. Includes heat resistant metal base to place iron when not in use.

- Includes thermostatic heat control.
- Non-stick coating.
- Specially shaped shoe with rounded edges.
- Metal stand.
- 154cm (5-1/2') power cord, 230V.

DESCRIPTION	ORDER NO.
Edge Banding Iron	DET-004



DET-004

TECHNICAL FEATURES:

- Voltage: 230V.
- Electric current: 2.5A.
- Low temperature: 70° ±10° C.
- High temperature: 150° ±10° C.

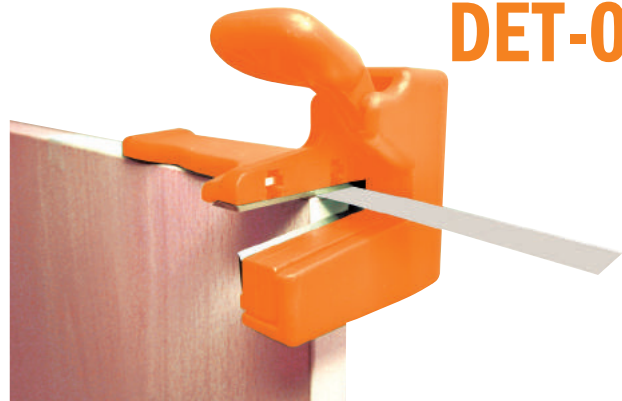
Edge Banding End Trimmer

An indispensable tool for easy and safe end trimming after edge banding. Position the tool on the banding, press down on the handle to operate the blade in a shearing action. The cutting knives are interchangeable, so when the cutting knife becomes dull, you can simply replace it with the anvil knife for a double lifetime. For cutting banding up to 0,5mm thick with a maximum cutting width of 54mm.

This tool can also be paired up with our double edge trimmer DET-001. We recommend using our edge banding end trimmer DET-002 before using our double-edge trimmer DET-001.

DESCRIPTION	ORDER NO.
Edge Banding End Trimmer	DET-002

Spare parts DET-002K 2-Pcs replacement blade set 55x13x1,5mm



DET-002

Double-Edge Trimmer

Attach this trimmer to your workpiece, press both ends against the board for a cutting range between 13mm (1/2") and 25mm (1"), move the trimmer in the correct direction indicated by the arrow. This will cut on both sides easily. The first cutter will cut straight, the second one can be adjusted for a tapering cut. Both cutters are made from high-quality hardened steel and can be easily replaced when worn out.

DESCRIPTION	ORDER NO.
Double-Edge Trimmer	DET-001

Spare parts DET-001K Spare knives for double-edge trimmer



DET-001



Horizontal and vertical measuring.

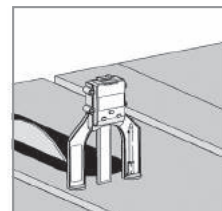
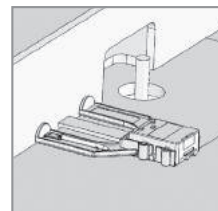
Self-standing for setting cutting depth on router tables and low profiles for backfence adjustment.

Measuring ruler with metric/imperial scale and locking screw.

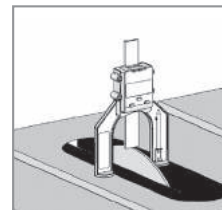
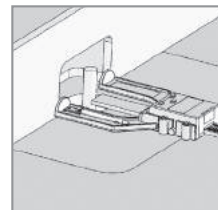
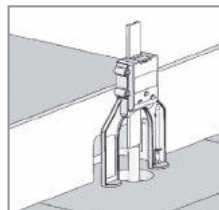
Instruction manual.



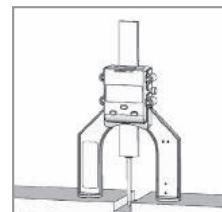
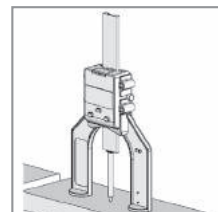
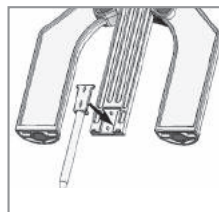
Place your gauge on a flat surface and set to "0" on the display.



Position your gauge on the tool.



Insert needle and set to "0".



TECHNICAL DETAILS:

- Measuring range: Scale: 0~80mm (0~3")
Needle: 0~50mm (0~2").
- Resolution: 0.05mm/0.002".
- Accuracy: ±0.1mm (±0.004").
- Power: CR2032 3V - 1500 hours.



DESCRIPTION	PACK QTY.	ORDER NO.
Digital Height Gauge	10	DHG-001

Digital Moisture Meter



Ideal for use in woodworking, building construction and agriculture industries. The DMM-001 is also an invaluable tool in the restoration field. Ideal for locating moisture in carpets and sub-flooring. Ultra-sensitive Digital Moisture Meter easily detects hidden leaks in wood, concrete, plaster and carpet.

The accurate moisture level readings make this tool great for new home inspections, locating roof leaks or even selecting dry lumber at the yard.

Ideal to use in woodworking, building construction, agriculture restoration and floor-laying. Used to check wood, drywall and concrete before painting, sealing or treating and to locate and identify water leaks in roofs, floors and walls. Display will show the moisture content in Percent Moisture Content directly. Ergonomically designed and CE approved.

TECHNICAL FEATURES:

- Measuring range in wood:
- Measuring range in building material:
- Measuring accuracy:
- Backlight shut off:
- Auto power off:
- Low battery indicator:
- Power supply:
- Working current:
- Working temperature:
- Working humidity:
- Storage:
- Dimensions:
- Weight:

- 5~50%
- 1.5~33%
- ±2%
- In about 15 seconds
- 3 minutes idle
- <7V
- a 9V battery block (6F22 or 6LR6)
- <25mA
- 32°F~122°F
- <90%RH non-condensing
- 4°F~140°F ≤85% (without battery)
- 5-11/16" x 2-7/16" x 1-1/16"
- About 3oz (without battery)



DESCRIPTION	PACK QTY.	ORDER NO.
Digital Moisture Meter	5	DMM-001

Spare parts DMM-001/1 Set 2 Pin for DMM-001



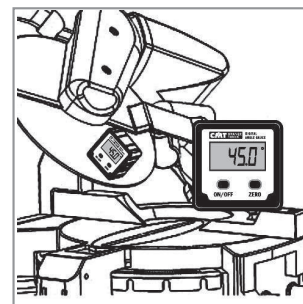
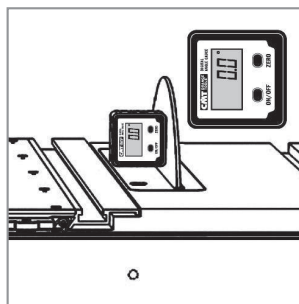
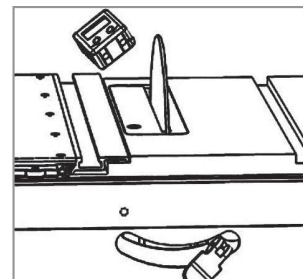
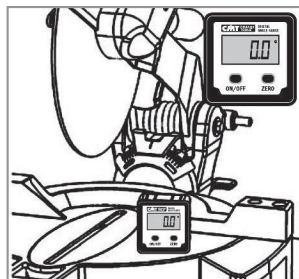
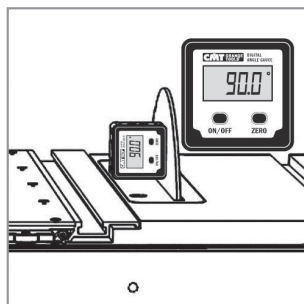
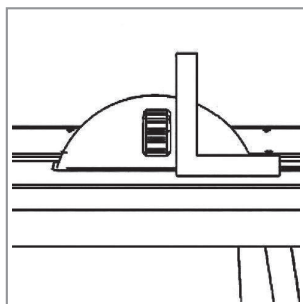
DAG-001

The digital angle gauge is a mini waterproof digital protractor that provides digital readings between $\pm 180^\circ$ with a resolution of $0,1^\circ$ 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;
- 51x51x33mm size;
- $\pm 360^\circ$ range ($4 \times 90^\circ$);
- $0,1^\circ$ resolution.
- Set to ZERO.

DESCRIPTION	ORDER NO.
Digital Angle Gauge	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 $0,05^\circ$. The measuring range is $0 - 360^\circ$.

The vials allow variations from the vertical and the horizontal to be accurately measured.

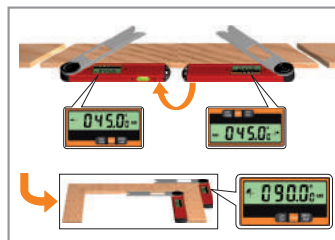
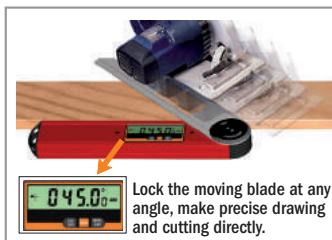
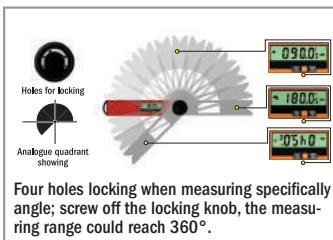
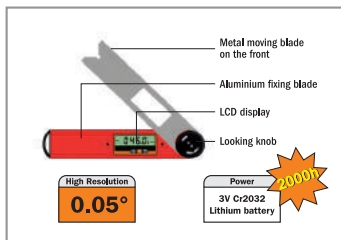
Other features include a lock function to prevent the last measurement being lost, a low battery indicator and automatic shut off function. Being robust but light in weight this is a very well thought out tool with a lot of uses. Instructions included.

- Easy and simple to use;
- Calculates angles in seconds;
- Large detailed LCD display;
- Robust, lightweight aluminium construction;
- $0 - 360^\circ$ measuring range.

TECHNICAL DETAILS:

- 265x50x25mm size;
- $\pm 0-360^\circ$ range;
- $0,05^\circ$ resolution.

DESCRIPTION	ORDER NO.
Digital Angle Finder	DAF-001



Diamond Whetstones

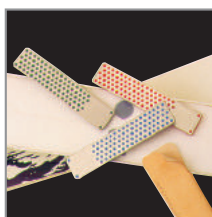
For professional, industrial and home users

FAST: real quality diamond, the hardest known material, reduces the sharpening process.

EASY: stoke the blade across the surface with little pressure.

DURABLE: we use natural diamonds for long-lasting performance.

VERSATILE: for sharpening any hard material, steel, glass, ceramic, tungsten carbide, etc.



DSS

FOR SHARPENING, HONING AND LAPPING

- axes
- bayonets
- broadheads
- cable cutters
- carbide cutters
- chainsaws
- chisels
- climbing equipment
- engraving tools
- farm and garden tools
- fish hooks
- Forstner bits
- knives
- lapidary tools
- lawn mower blades
- masonry drills
- moulds and dies
- plane blades
- planer /jointer knives
- pruners

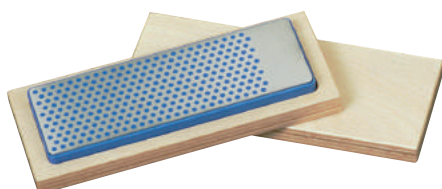
- ring tool
- router bits
- saw blades
- scissors
- shears
- ski and snowboard edges
- small contact area and pointed tools
- speed and hockey skates
- woodcarving scrapers
- woodturning tools

FOR ABRADING HARD MATERIALS

- ceramic
- composites
- fibreglass
- glass
- stainless steel
- stone
- titanium
- tool steel
- tungsten carbide

FOR FLATTENING

- chisel backs
- engine heads
- machine bolsters and ways



Universal diamond whetstone in leather sheaths

DIMENSIONS mm	GRAIN	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 file

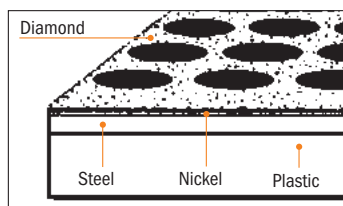
DIMENSIONS mm	GRAIN	COLOUR	ORDER NO.
100 Ø4,8	D54 coarse	blue	DSS-048M

Universal diamond whetstones in hardwood case

DIMENSIONS mm	GRAIN	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

A unique production process to guarantee long tool life

A perforated steel plate is moulded onto a strong plastic base by applying high pressure. The steel is then covered with natural diamonds embedded into a nickel plate. The pattern and diamond coating ensures fast sharpening, whereas the plastic indents hold the lubricating water and disperse the fine dust emitted by the diamonds during sharpening.



The diamond whetstones are available in four meshes for multiple purposes:

D15 EXTRAFINE/GREEN (9 microns, 1200 mesh)

To refine and polish sharp edges to razor sharp perfection. If you are new to sharpening or need your knife or tool edges as sharp as possible, this grain type but if this suffice, then this is what you are looking for.

D25 FINE/RED (25 microns, 600 mesh)

To restore any slightly dull knife or tool edges to perfect sharpness. Many customers consider the fine grit grain to be suitable to satisfy any working need. Professional chefs and gourmet cooks prefer using this grit grain too. This product is perfect for the edge refinement process before micro-refinement and polishing.

D46 COARSE/BLUE (45 microns, 325 mesh)

To quickly restore dull edges. For workers who require faster cutting action and less edge refinement often use this grit grain.

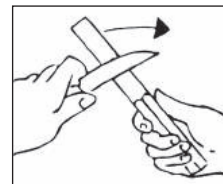
D76 EXTRA-COARSE/BLACK (60 microns, 220 mesh)

Recommended for aggressive removal of metal on damaged tools or for heavy-duty outdoor tools such as axes and lawn mower blades. Also, this grit grain is commonly used as a first step for flattening the back of chisel and plane irons or for rapid stock removal from chipped or badly damaged edges.

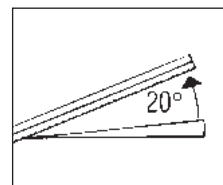
Instructions

Use water for lubrication, after use, rinse and store dry.

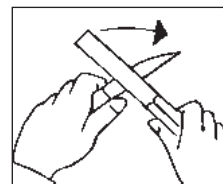
1. Keep your knife with cutting edge away from you.



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.



Formula 2050: Blade & Bit Cleaner

CMT ORANGE TOOLS®

Finally a safe, environmentally-friendly cleaner that is more effective than all those hazardous chemicals used for cleaning cutting tools.

998

Saw shops know how to get the most out of cutting tools. They know that the pitch and resin left by wood on tools greatly shortens the life of carbide. Therefore we asked many blade sharpeners to test Formula 2050 and they rated it as an excellent product. Most blade and bit cleaning products work with dissolving action, but it takes some power and nasty chemicals to dissolve wood residues and adhesives. CMT's non-toxic and safe Formula 2050 penetrates the microscopic cracks in the resin and attacks the bond between carbide or steel surfaces and the resin itself. Formula 2050 keeps your tools clean and helps you increase the life span between sharpening and replacement.



DESCRIPTION	PACK QTY.	ORDER NO.
0,5 lt. spray bottle	8	998.001.01*
5 lt. plastic jug	4	998.001.03

*All knives are supplied in a 8 pc. case.
Minimum 8 piece or multiple of 8 piece order.



This product received a five-star performance rating from "Wood® Magazine"

- Removes pitch, resin and adhesive residue from all woodworking cutting tools (saw blades, router bits, drill bits, shaper cutters, planer blades, etc.).
- Completely non-toxic, non-flammable and certified biodegradable. Formula 2050 is a safe, earth-friendly product.
- Do not rinse after cleaning. Formula 2050 provides protection from rust and corrosion. Keeps your table saw top rust free too!
- Can be applied by spray bottle or used in ultrasonic cleaners and dip tanks.

Lubricant for Wood, Neutralizes Resin

- Neutralizes resin, preventing it from being stuck on chips and sawdust.
- Cleans knobs, barbell handles, etc.
- Anti-corrosion action on woodworking machine table.
- Excellent against humidity.

Instruction:

Spray or apply the product on the desired parts of your woodworking machine. You will obtain a uniform layer on its surface that will aid in the sliding of your workpiece.



**FLAMMABLE PRODUCT.
AIR FREIGHT IS NOT ALLOWED.**

DESCRIPTION	PACK QTY.	ORDER NO.
1 lt. spray bottle	12	998.002.01
5 lt. plastic jug	2	998.002.03



998

Bowl & Tray System

CMT System BTS-002 provides a fun and easy way for you to make divided bowls and trays in your shop. No lathe? No problem. This bowl making technique uses a router and CMT's unique bowl and tray router bit. The resulting bowls and trays are beautiful. This kit also provides an excellent way to use up scrap wood. Glue pieces together, butcher block style, to make a beautiful pattern of colors and species.

BTS-002

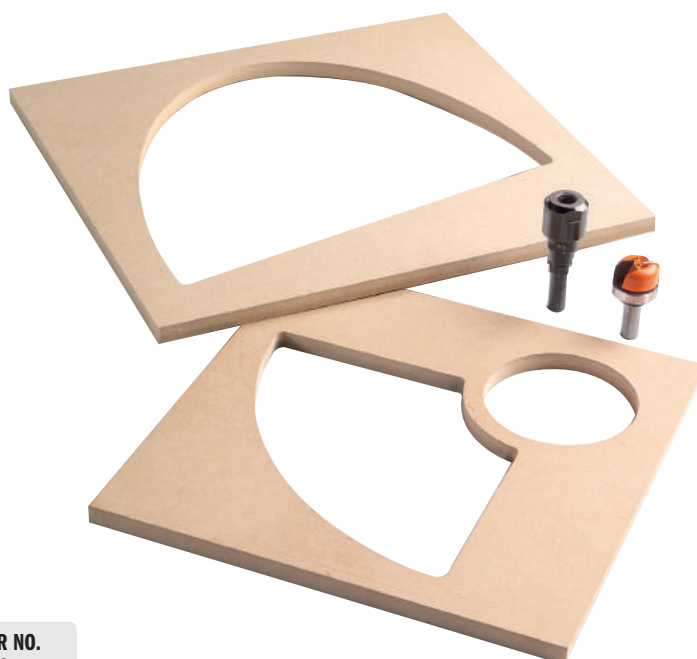
The templates will withstand a lifetime of use and can be used to make a variety of bowl or tray styles. The collet extension, used to make extra deep bowls, is also useful whenever your general woodworking requires extra deep cuts.



TMP-012
MDF Template



TMP-011
MDF Template



DESCRIPTION	ORDER NO. S=Ø12mm
Bowl & Tray System	BTS-002
<i>The kit includes</i>	
Router Bit	951.502.11B
Router Collet Extension	796.002.00
MDF Template nr. 1	TMP-011
MDF Template nr. 2	TMP-012
Instruction manual	



Trace the templates onto the bowl blank.



Rough out the interior using a drill press and a 50,8mm Forstner bit.



Rout the interior to final shape using the bowl and tray router bit and collet extension.



Bandsaw the exterior to final shape.

Optional



TMP-101
MDF Template
400x400mm.



TMP-103
MDF Template
400x400mm.



TMP-105
MDF Template
330x300mm.

Folding Ruler

- Fiberglass material, water & scratch resistant.
- Impact resistant, tough yet flexible.
- No rust.
- Guaranteed professional quality.
- Merchending display with 12 rulers.



FR2M

DESCRIPTION	PACK QTY.	ORDER NO.
Folding Ruler	12	FR2M

Carpenter Pencil

An easy-grip shape and larger rectangular surface area means this pencil won't roll away or slip from your hands. The non-round core makes highly legible thick or thin lines.

Perfect for tracing high precision markings on virtually any surface and easy to erase.

Strong lead center withstands the stress of rough handling as well as the rigours and extreme conditions of the construction environment.

new



PCL-1

DESCRIPTION	PACK QTY.	ORDER NO.
Carpenter Pencil	50	PCL-1

CMT Professional Tool Bag

- Top zipped design and wide opening for accessing tools easily,
- Sturdy material and hard rubber bottom are resistant to rough handling and protects the contents from hard falls,
- 6 interior pockets, 12 exterior pockets,
- Ideal for storing and transporting hand tools as well as other medium sized items & accessories.

Material: Polyester 600D with 3mm EPE foam
Dimensions: 400x200x250mm

new



BAG-001

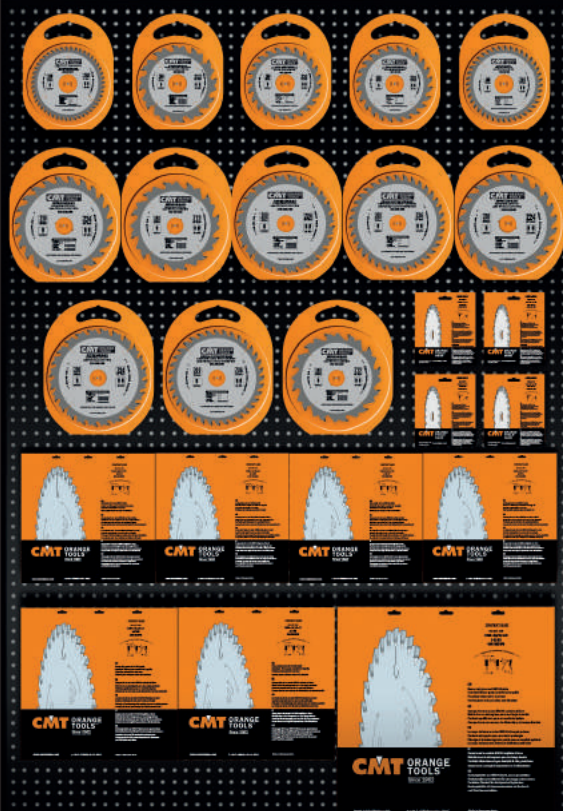


5 rubber studs at bottom

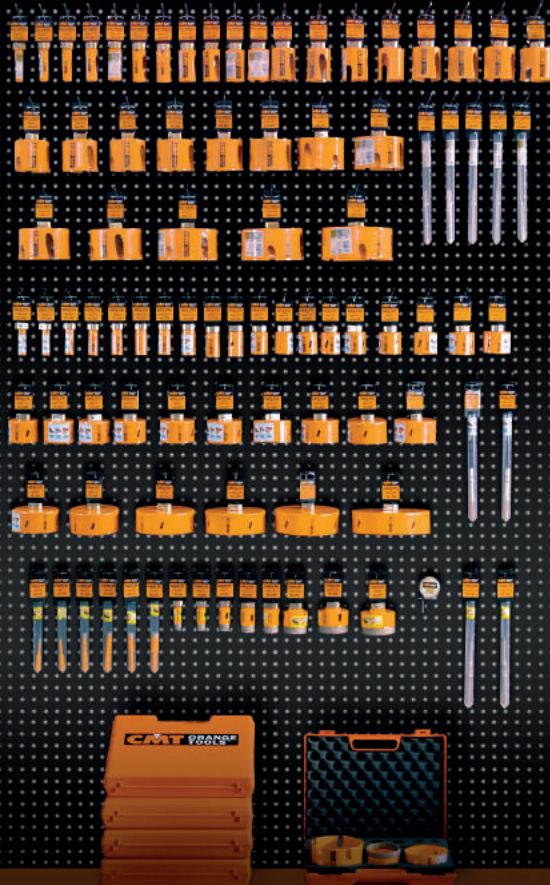


DESCRIPTION	PACK QTY.	ORDER NO.
CMT Professional Tool Bag	12	BAG-001

CMT ORANGE TOOLS™



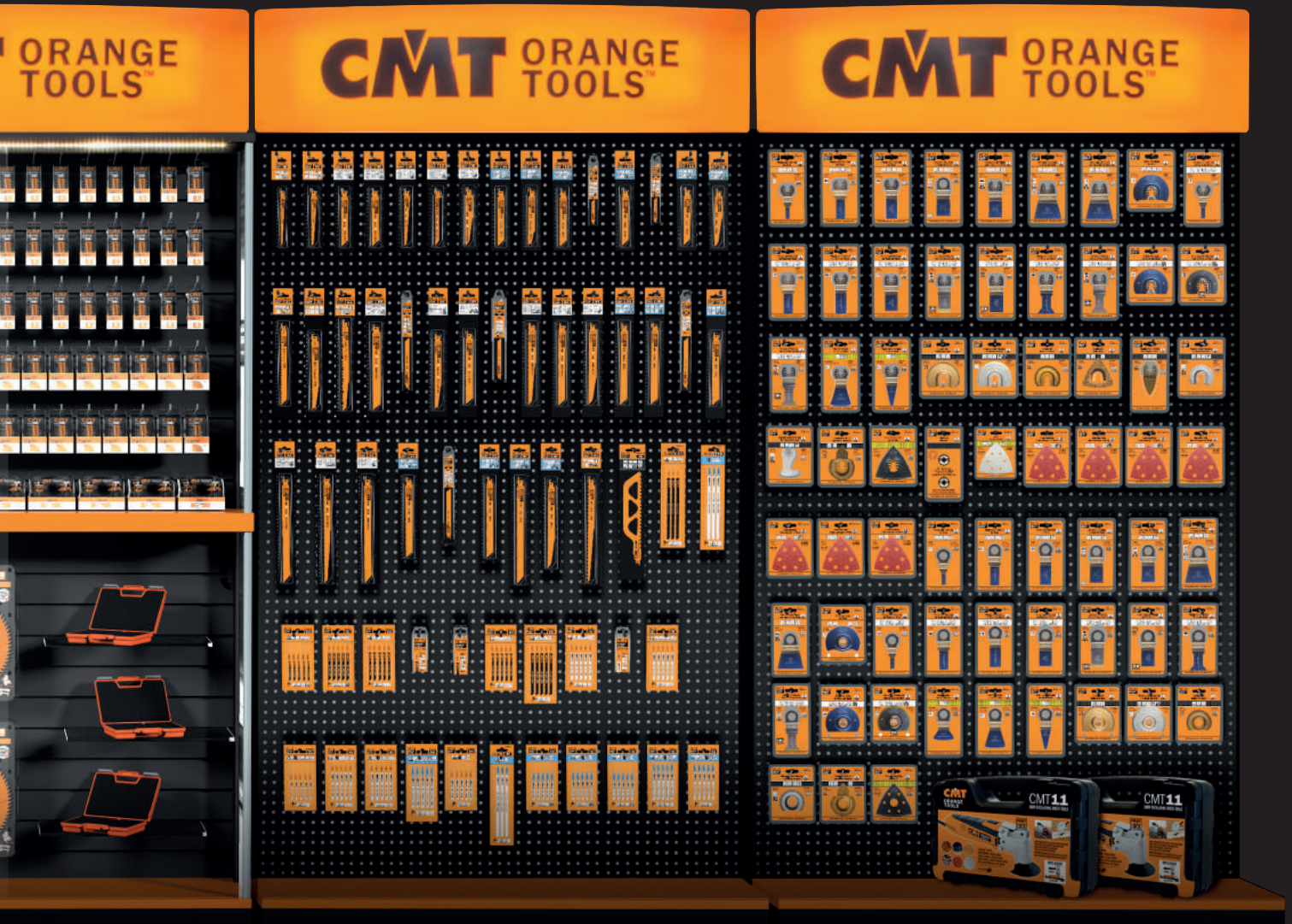
CMT ORANGE TOOLS™



CMT



DISPLAY CABINETS



PRODUCTS

PAGE

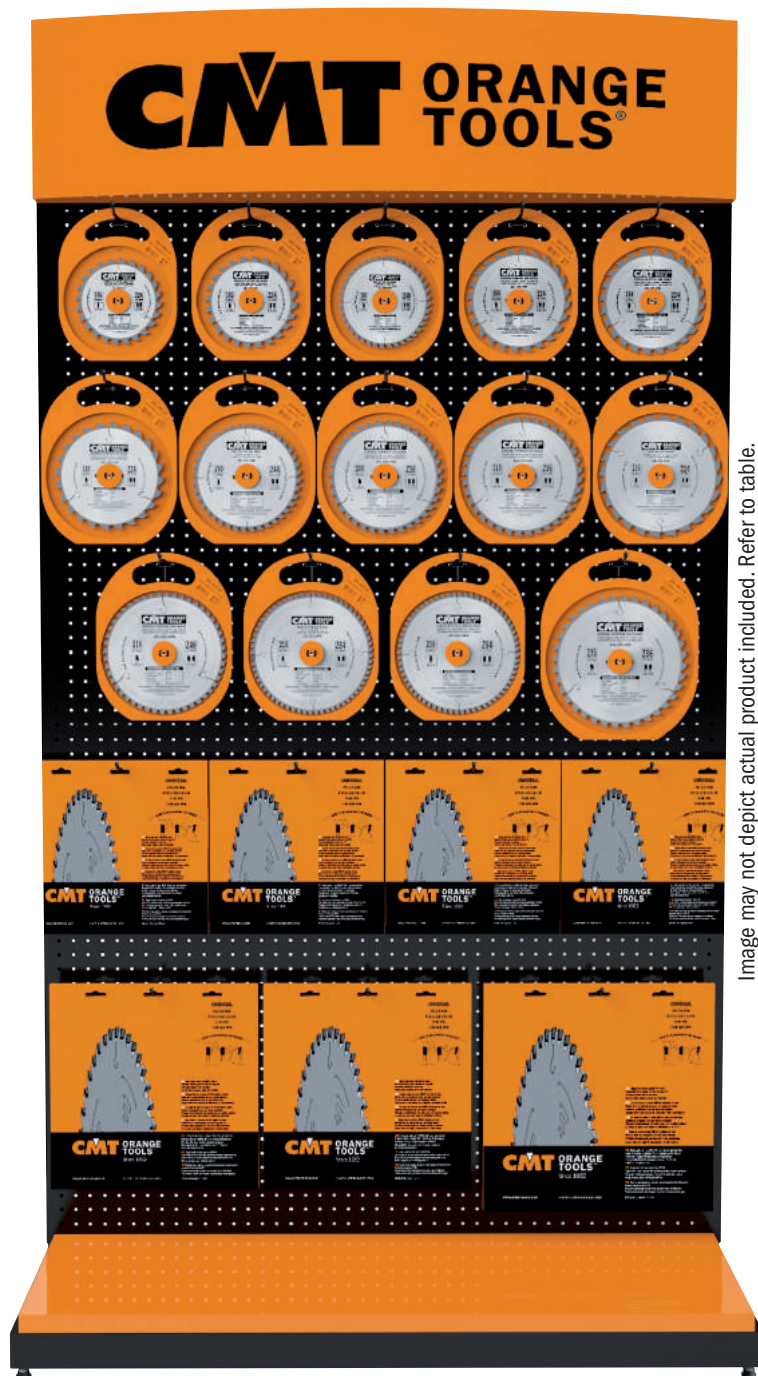
Display Cabinets for Saw Blades	368
Display Cabinets for Sabre & Jig Saw Blades	369
Display Cabinets for Multi-Cutters	370
Display Cabinets for Router Bits	371
Display Cabinets for Router Bits & Forstner Bits	372
Display Cabinets for Hole Saws	373
Display Cabinets for Drill & Boring Bits	374
Multi Tools Mini Counter Display	375



Display Cabinets for Saw Blades

A sturdy steel saw blade display cabinet equipped with a backlight to place anywhere in your store. Hang and display a variety of different saw blades. Contact your CMT representative to seek advice on the most effective sawblade display composition for your needs. Tools not included.

03.00.0038



Dimensions: 120 x 45 x 223cm.

03.00.0030

We also offer a practical wire counter display for saw blades up to Ø350mm.



Dimensions: 51 x 49 x 27cm.

DISPLAYS THAT SELL!

Suitable for all blades types



ITK PLUS™



03.53.0011-X24
(150mm.)



03.53.0012-X24
(50mm.)

DESCRIPTION	ORDER NO.
Wire counter display only (<i>empty</i>)	03.00.0030
Display cabinet with backlight (220V) for saw blades (<i>empty</i>) hooks not included, order separately	03.00.0038
Hooks 50mm. (24-pc pack)	03.53.0012-X24
Hooks 150mm. (24-pc pack)	03.53.0011-X24
Lighted header sign CMT ORANGE 220V (<i>spare parts</i>)	03.54.0084
220V lamp for neon sign for display cabinet (<i>spare parts</i>)	03.54.0087

Display Cabinets for Sabre & Jig Saw Blades

A sturdy steel sabre and jig saw blade display cabinet equipped with a backlight to place anywhere in your store. You can hang and display a variety of different blades. Contact your CMT representative to seek advice on the most suitable blade display composition for your needs. Tools not included.

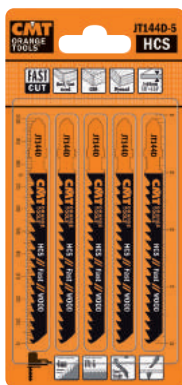
IMBALLO143



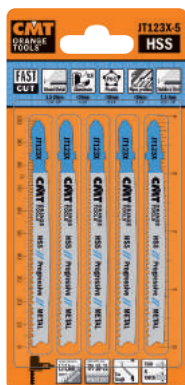
Counter cardboard display for jig saw blades

CMT's end cap cardboard display for jig saw blades takes advantage of the existing space in your store and is designed for being placed on a counter, existing shelves or inside CMT's display cabinets. Suitable for stocking up to 12 different jig saw blade types, 10 packs each, 120 packs in total. The end cap cardboard display helps increase product visibility and sell more!

DISPLAYS THAT SELL!



5-PIECE MASTERPACK



25-PIECE MASTERPACK



5-PIECE MASTERPACK

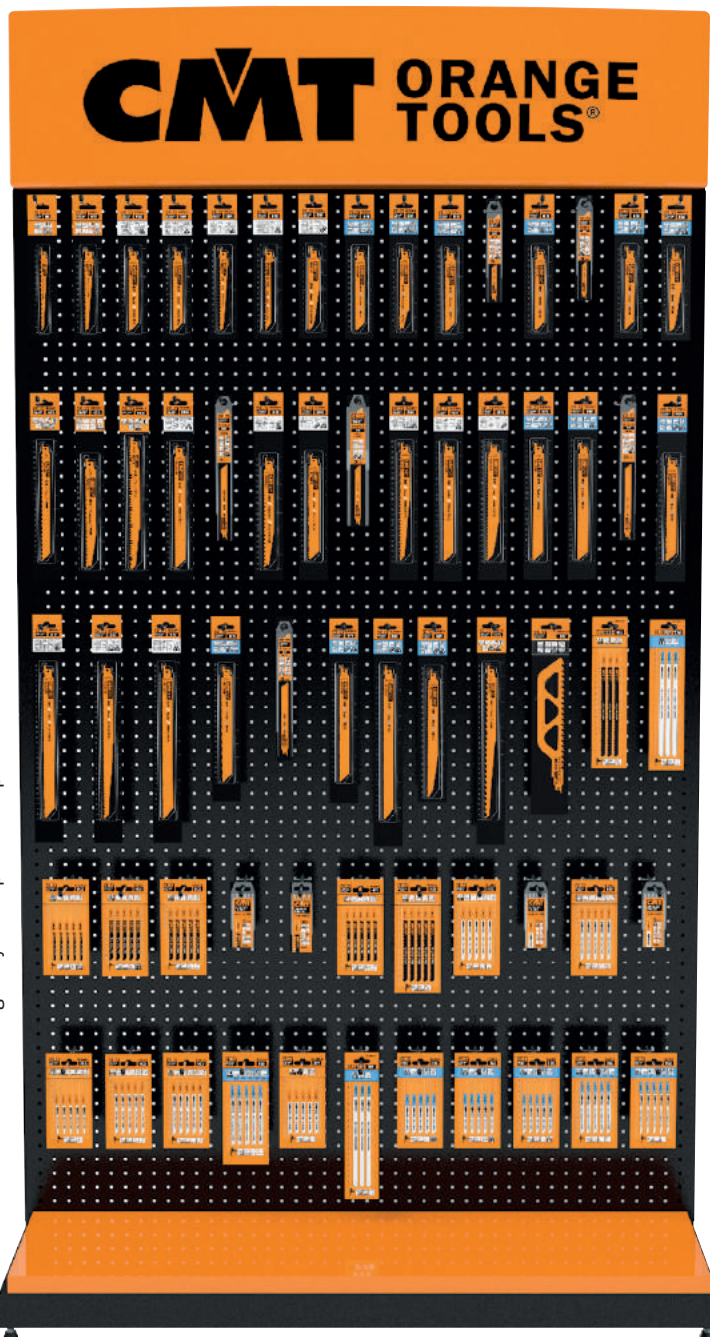


20-PIECE MASTERPACK



Image may not depict actual product included. Refer to table.

03.00.0038



Dimensions: 120 x 45 x 223cm.



03.53.0011-X24

(150mm.)



03.53.0012-X24

(50mm.)

DESCRIPTION	ORDER NO.
Counter display only (empty)	IMBALLO143
Display cabinet with backlight (220V) for sabre and jig saw blades (empty) hooks not included, order separately	03.00.0038
Hooks 50mm. (24-pc pack)	03.53.0012-X24
Hooks 150mm. (24-pc pack)	03.53.0011-X24
Lighted header sign CMT ORANGE 220V (spare parts)	03.54.0084
220V lamp for neon sign for display cabinet (spare parts)	03.54.0087

Display Cabinet for Multi-Cutters

A sturdy steel multi-cutter display cabinet featuring an attractive backlight to place anywhere in your store. You can hang and display a variety of different cutters. Contact your CMT representative to seek advice on the most most effective cutter display composition for your needs. Tools not included.

03.00.0038



**1-PIECE CLAMSHELL
5-PIECE MASTERPACK**

Image may not depict actual product included. Refer to table.



Dimensions: 120 x 45 x 223cm.



03.53.0011-X24
(150mm.)



03.53.0012-X24
(50mm.)

**DISPLAYS
THAT SELL!**

DESCRIPTION	ORDER NO.
Display cabinet with backlight (220V) for multi-cutters (empty) hooks not included, order separately	03.00.0038
Hooks 50mm. (24-pc pack)	03.53.0012-X24
Hooks 150mm. (24-pc pack)	03.53.0011-X24
Lighted header sign CMT ORANGE 220V (spare parts)	03.54.0084
220V lamp for neon sign for display cabinet (spare parts)	03.54.0087

Display Cabinet for Router Bits

CMT ORANGE TOOLS®

This sturdy structure is hand-crafted from MDF, tempered glass and iron. The cabinet is free-standing and provides 360° visibility thereby allowing you to position the display anywhere in your store. The front is a convenient 2 component assembly. The upper section is designed to display 141 of the best selling router bits from the CMT router bit line as well as 20 corresponding spare parts. The lower compartments can perfectly fit 10 of the most popular wooden box sets or saw blades, if required. Glass doors are secured with key lock.

03.00.0042

WOOD 
Magazine

CMT Overall Rating 10!
Top Performing Router Bits



Deluxe packaging



03.53.0011-X24
(150mm.)



03.53.0017

Image may not depict actual product included. Refer to table.



Dimensions: 120 x 45 x 223cm.

DESCRIPTION	ORDER NO.
Display cabinets with: 240 HW router bits (S=Ø6mm), 66 spare parts (saw blades not included, at your choice)	700.300.00L
Display cabinets with: 240 HW router bits (S=Ø8mm), 66 spare parts (saw blades not included, at your choice)	900.300.00L
21 pcs. HW router bits with shank Ø12mm for our display cabinet (<i>optional</i>)	900.021.00
Display cabinet for router bits and cutter heads (<i>empty</i>) / Hooks not included, order separately	03.00.0042
Hooks 150mm. (24-pc pack)	03.53.0011-X24
Toolholder shelf (270x209x1,5cm.) for CMT display cabinet 03.00.0042 for router bit sets	03.53.0017
220V lamp for neon sign for display cabinet (<i>spare parts</i>)	03.54.0087
Set 2 led 220V for display cabinet (<i>spare parts</i>)	03.54.0089
Set of 2 metal support (RH-LH) for light header sign (<i>spare parts</i>)	03.53.0109
Lighted header sign CMT ORANGE 220V (<i>spare parts</i>)	03.54.0084

Display Cabinet for Router Bits & Forstner Bits

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, Forstner bits and boring bits. Made with a sturdy MDF frame and three glass panels, it is the ideal counter-top display. The wooden slat back allows for easy bit organization and comes standard with front door lock. Glass door secured with key lock.

WOOD Magazine
CMT Overall Rating 10!
Top Performing Router Bits

03.00.0002



03.00.0002



*Suitable for boring and Forstner Bits
 (at your choice)*



Deluxe packaging



Forstner clamshell



03.53.0011-X24
 (150mm.)

DISPLAYS THAT SELL!

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 for router bits / Forstner bits (empty) includes 42 short hooks	03.00.0002
Hooks 150mm. (24-pc pack)	03.53.0011-X24

Image may not depict actual product included. Refer to table.

Display Cabinet for Hole Saws

CMT ORANGE TOOLS®

A sturdy steel hole saw display cabinet complete with a backlight to place anywhere in your store. You can hang a variety of different types of hole saws. Contact your CMT representative to seek advice on the best hole saw display composition for your needs. **Tools not included.**

NO LIMITS with the **FASTX4®** hole saws
you can bore any material of any hardness!

SERIES 550 TUNGSTEN CARBIDE-TIPPED SERIES 553 TUNGSTEN CARBIDE-TIPPED LONG



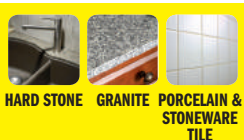
10X
LONGER LIFE
5X
FASTER

SERIES 551 BI-METAL PLUS 8% COBALT



2X
LONGER LIFE

SERIES 552 DIAMOND DRY



10X
LONGER LIFE

**DISPLAYS
THAT SELL!**

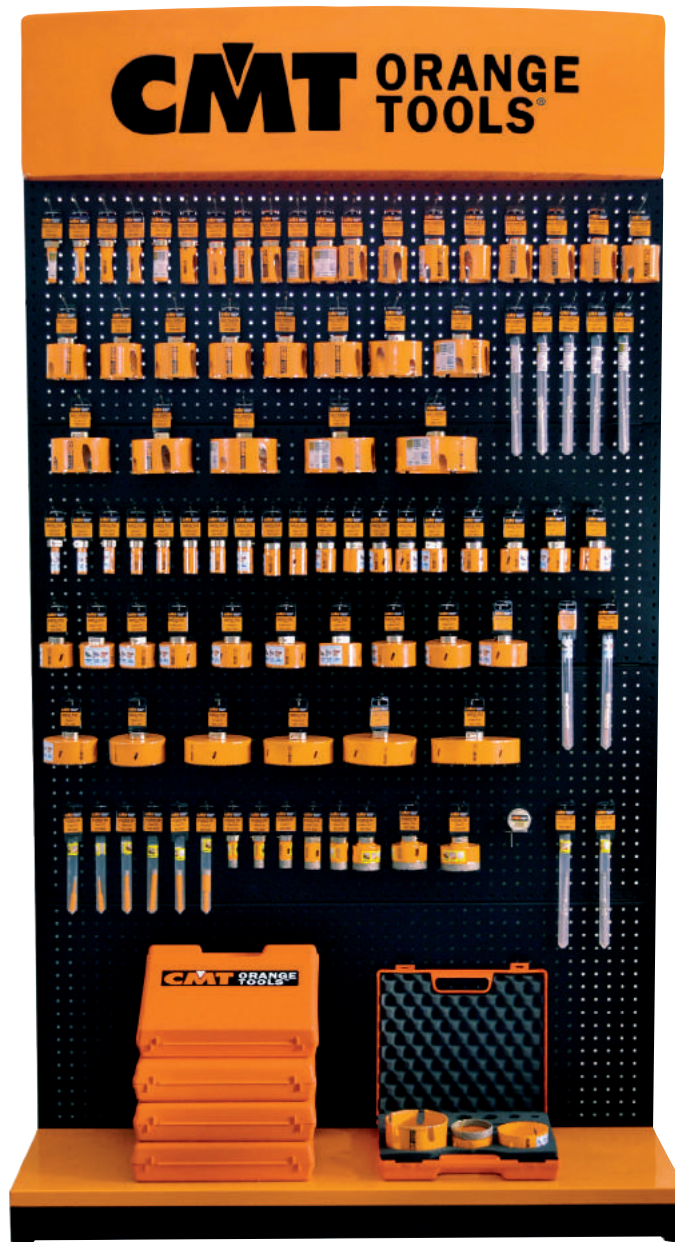


Image may not depict actual product included. Refer to table.

Dimensions: 120 x 45 x 223cm.

DESCRIPTION	ORDER NO.
Display cabinet with backlight (220V) for hole saws (empty) hooks not included, order separately	03.00.0038
Hooks 150mm. (24-pc pack)	03.53.0011-X24
Hooks 200mm. (24-pc pack)	03.53.0013-X24
Lighted header sign CMT ORANGE 220V (spare parts)	03.54.0084
220V lamp for neon sign for display cabinet (spare parts)	03.54.0087

Display Cabinet for Drill & Boring Bits

03.00.0042

Start your stock of CMT drill and boring bits now by ordering a convenient display to help you get organized and keep your tools within reach.

Contact your CMT representative for information and get the best advice on choosing the right selection of drill bits for your display from our very broad range. Tools not included.

- Fit Top Selling 120 SKUs.
- Fit up to 20 Deep
- Secured Glass with Key Lock

X-TREME BORING BITS



Image may not depict actual product included. Refer to table.



Dimensions:
120 x 31 x 223cm.

03.53.0017 Toolholder steel shelf for drill & boring bits.

Fit up to 40 shelves into tower.

Dimensions: 270 x 209 x 1,5mm.

**DISPLAYS
THAT SELL!**

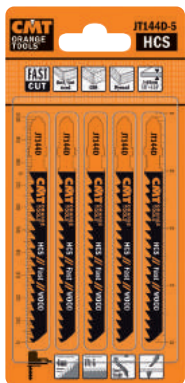
DESCRIPTION	ORDER NO.
Display cabinet for drill and boring bits (empty) / Toolholder shelf not included, order separately	03.00.0042
Toolholder shelf (270x209x1,5mm.) for CMT display cabinet 03.00.0042 for drill and boring bits (order separately)	03.53.0017
220V lamp for neon sign for display cabinet (spare parts)	03.54.0087
Set 2 led 220V for display cabinet (spare parts)	03.54.0089
Set of 2 metal support (RH-LH) for light header sign (spare parts)	03.53.0109
Lighted header sign CMT ORANGE 220V (spare parts)	03.54.0084

03.00.0043

This simple yet attractive counter display will increase product visibility and definitely increase your sales. This cabinet supports a great variety of tools like jig saw blades, sabre saw blades, oscillating tools, router bits, Forstner bits, drill bits and hole saws. The best way to attract and encourage customers to buy!

A sturdy steel body in our trademark orange colour makes for the ideal eye-catching counter-top display! Tools not included.

Suitable for all tools type



Jig Saw Blades



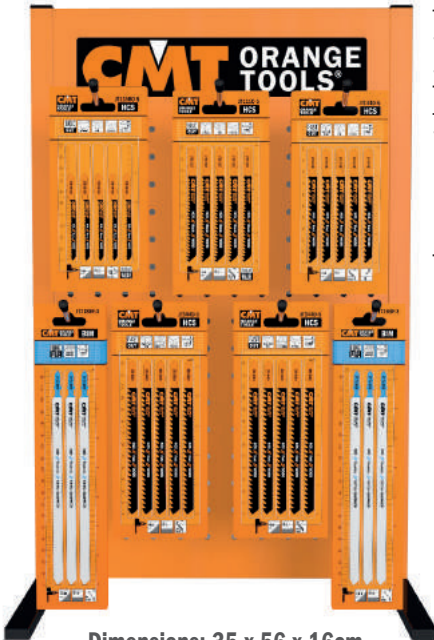
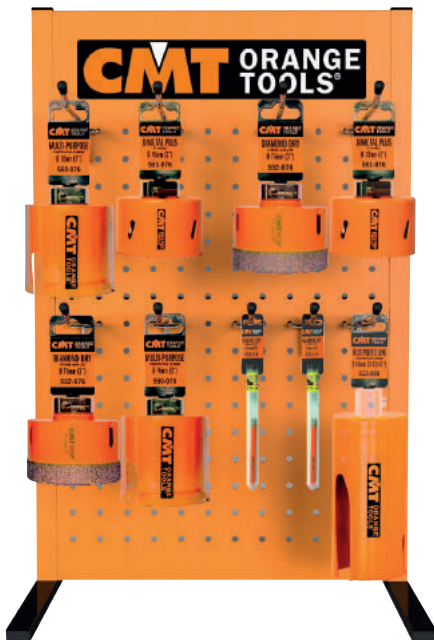
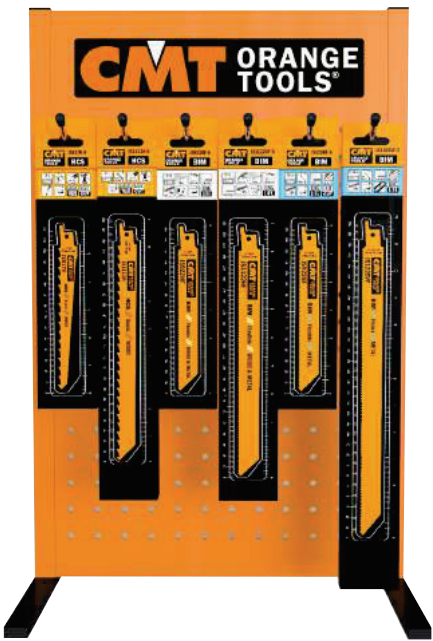
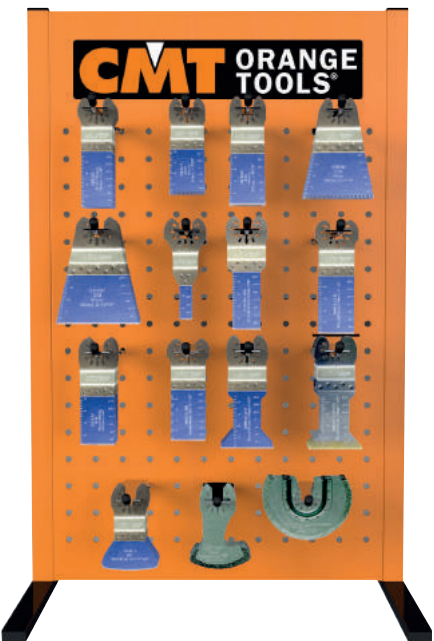
Sabre Saw Blades



Oscillating Tools



Router Bits



Dimensions: 35 x 56 x 16cm.

Image may not depict actual product included. Refer to table.

DISPLAYS THAT SELL!



Forstner Bits



Hole Saws

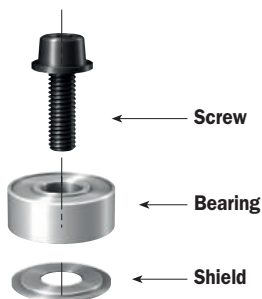
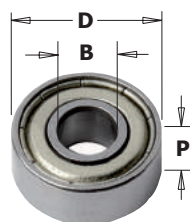


03.53.0012-X24
(50mm.)



03.53.0014-X12
(50mm. for OMM & OMS)

DESCRIPTION	ORDER NO.
Mini Counter Display (empty) Hook not included, order separately	03.00.0043
Hooks 50mm. (24-pc pack)	03.53.0012-X24
Hooks 50mm. for OMM & OMS (12-pc pack)	03.53.0014-X12



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**

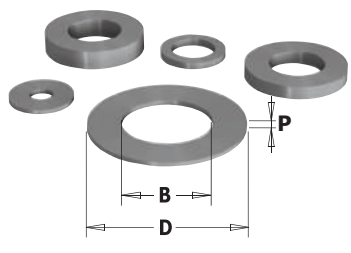


*****Delrin® Cylindrical Bearings**

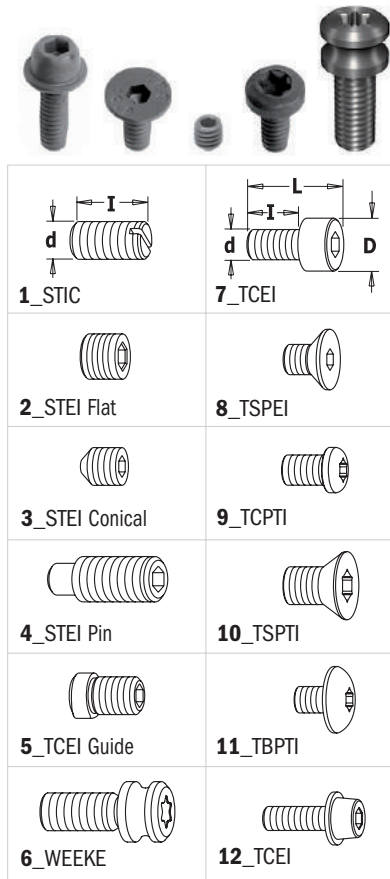
Bearings

	D		B		P	Pack Qty.	Order No.
	mm	inches	mm	inches	mm		
	6,35	1/4	3,17	1/8	2,8	10	791.035.00
	9,5	3/8	4,76	3/16	3,2	10	791.002.00
	12,7	1/2	4,76	3/16	5	10	791.003.00
	12,7	1/2	6,35	1/4	4,8	10	791.010.00
	13		5		4	10	791.022.00
	13		6		5	10	791.023.00
	15		6		5	10	791.024.00
	15,8	5/8	4,76	3/16	5	10	791.018.00
	15,8	5/8	6,35	1/4	5	10	791.009.00
	16		5		5	10	791.006.00
	16		8		5	10	791.025.00
	19	3/4	4,76	3/16	7,5	10	791.019.00
	19		6		6	10	791.007.00
	19	3/4	6,35	1/4	7	10	791.004.00
	19		8		6	10	791.034.00
	19	3/4	12,7	1/2	4	10	791.011.00
	22		8		6	10	791.012.00
	22		8		7	10	791.005.00
	22,2	7/8	4,76	3/16	7,5	10	791.017.00
	22,2	7/8	9,52	3/8	7	10	791.021.00
	22,2	7/8	12,7	1/2	7	10	791.013.00
	24		8		8	10	791.036.00
	28		12		8	10	791.026.00
	28,5	1-1/8	4,76	3/16	8,4	10	791.014.00
	28,5	1-1/8	8		8,5	10	791.030.00
	28,5	1-1/8	12,7	1/2	8	10	791.027.00
	31,7	1-1/4	8		5	10	791.033.00
	31,7	1-1/4	12,7	1/2	8	10	791.015.00
	34,9	1-3/8	4,76	3/16	11,5	10	791.016.00
	34,9	1-3/8	8		11,6	10	791.031.00
	34,9	1-3/8	12,7	1/2	11	10	791.029.00
	37		12		12	10	791.028.00
	38,1	1-1/2	12,7	1/2	13,3	10	791.020.00
	62		30		16	10	791.051.00
	62		35		14	1	791.052.00
	80		40		18	1	791.054.00
	80		50		16	1	791.053.00
10° Delrin® Conical Bearings							
	19	3/4	4,76	3/16	6,8	10	791.041.00*
	22	7/8	4,76	3/16	6,8	10	791.048.00*
Delrin® Triangular Bearings							
	12,7	1/2	4,76	3/16	5,8	10	791.042.00**
	19	3/4	4,76	3/16	7	10	791.043.00**
Delrin® Cylindrical Bearings							
	12,7	1/2	4,76	3/16	5	10	791.044.00***
	15,87	5/8	4,76	3/16	7,2	10	791.045.00***
	19,05	3/4	4,76	3/16	6,8	10	791.046.00***
	37,4		12,7	1/2	15,7	10	791.047.00***

Shields for Assembly



B	D	P	Pack Qty.	Order No.	B	D	P	Pack Qty.	Order No.
mm	mm	mm			mm	mm	mm		
3,25	9	1,6	10	541.550.00	8	14,7	5,8	10	541.519.00
3,25	15,8	2	10	541.552.00	12	20	2	10	541.512.00
5,2	15,8	2,5	10	541.551.00	12	20	3	10	541.511.00
6,4	9,52	2,2	10	541.514.00	12	21	0,1	10	541.513.00
8	14	0,1	10	541.515.00	12	21	0,3	10	541.520.00
8	14	0,3	10	541.516.00	12	21	1,59	10	541.521.00
8	14	0,5	10	541.517.00	12	21	3,18	10	541.522.00
8	14	1	10	541.518.00	12	21	6,16	10	541.523.00
8	14,7	3	10	541.500.00	12	21	1	10	541.524.00
8	14,7	4	10	541.501.00	12	21	0,5	10	541.525.00



Screws

990

d x l x L mm	D mm	TYPE	PACK QTY.	ORDER NO.	d x l x L mm	D mm	TYPE	PACK QTY.	ORDER NO.
M5x8		1_STIC	10	990.008.00	M4x12x16	7	7_TCEI	10	990.061.00
M5x10		1_STIC	10	990.003.00	M6x25x31	10	7_TCEI	10	990.098.00
M2x2		2_STEI	10	990.060.00	M8x25x33	13	7_TCEI	10	990.099.00
M4x20		2_STEI	10	990.091.00	1/8"x1/2"x5/8"	5,5	7_TCEI	10	990.059.00
M5x4		2_STEI	10	990.015.00	M5x10x15	8,5	7_TCEI	10	990.010.00
M5x5		2_STEI	10	990.001.00	M4x4x6	8	8_TSPEI	10	990.004.00
M5x5 w/cup point		2_STEI	10	990.006.00	M5x9x12	10	8_TSPEI	10	990.055.00
M3x3		3_STEI	10	990.005.00	M5x5,2x8	9	8_TSPEI	10	990.067.00
M5x5		3_STEI	10	990.002.00	M6x8x10	9	8_TSPEI	10	990.083.00
M6x6		3_STEI	10	990.007.00	1/4"x11/16"x7/8"	12	9_TSPEI	10	990.097.00
M4x3		3_STEI	10	990.013.00	1/8"x3/8"x1/2"	7	12_TCEI	10	990.058.00
M4x4		3_STEI	10	990.014.00	Torx Screw				
M6x5		3_STEI	10	990.009.00	M5x13x18	6,8	8_TSPEI	10	990.063.00
M6x8		4_STEI	10	990.087.00	M3x4x5,7	4,6	9_TCPTI	10	990.082.00
M6x10		4_STEI	10	990.106.00	M3,5x5,7x8,2	6	9_TBPTI	10	990.077.00
M6x16		4_STEI	10	990.066.00	M2,5x3x4,5	3,5	10_TSPTI	10	990.070.00
M6x20		4_STEI	10	990.084.00	M2,5x4,5x6	3,7	10_TSPTI	10	990.071.00
M6x25		4_STEI	10	990.085.00	M4x2x3	6	10_TSPTI	10	990.079.00
M8x12		4_STEI	10	990.065.00	M5x4,75x6,5	9	10_TSPTI	10	990.080.00
M8x16		4_STEI	10	990.064.00	M5x5x8	9	10_TSPTI	10	990.093.00
M8x20		4_STEI	10	990.086.00	M3,5x3,5x6	6	11_TBPTI	10	990.072.00
M5x5x9	6	5_STEI	10	990.068.00	M3,5x5x7,2	8,8	11_TBPTI	10	990.073.00
M5x11,5x17		6_WEEKE	10	990.088.00	M4x3,5x5,7	8,8	11_TBPTI	10	990.074.00
M2,5x6x8,5	4,5	7_TCEI	10	990.062.00	M4x4x6,2	5,8	11_TBPTI	10	990.076.00
M3x6x9	5,5	7_TCEI	10	990.051.00	M4x4x6,2	9	11_TBPTI	10	990.056.00
M3x10x13	5,5	7_TCEI	10	990.053.00	M4x5,5x8	7,4	11_TCPTI	10	990.094.00
M3x16x19	5,5	7_TCEI	10	990.054.00	M4x6x8	6	11_TBPTI	10	990.078.00
M4x6x10	7	7_TCEI	10	990.052.00	M4x6x8,2	9	11_TBPTI	10	990.075.00

Keys for Screws

991

DESCRIPTION	PACK QTY.	ORDER NO.	DESCRIPTION	PACK QTY.	ORDER NO.
Hex Keys			6mm	10	991.066.00
0,9mm	10	991.055.00	Torx Key		
1,5mm (for M3 screws)	10	991.056.00	T8	10	991.063.00
2mm	10	991.060.00	T9	10	991.069.00
3/32" (for 1/8W screws)	10	991.057.00	T15	10	991.061.00
2,5mm (for M4 screws)	10	991.062.00	T20	10	991.072.00
3mm	10	991.067.00	T25	10	991.073.00
4mm	10	991.064.00	T30	10	991.071.00
5mm	10	991.065.00			

Shields for Bearings

990

DESCRIPTION	PACK QTY.	ORDER NO.	DESCRIPTION	PACK QTY.	ORDER NO.
Ø9,5mm	10	990.422.00	Ø12,7mm	10	990.423.00

Nuts for Arbors

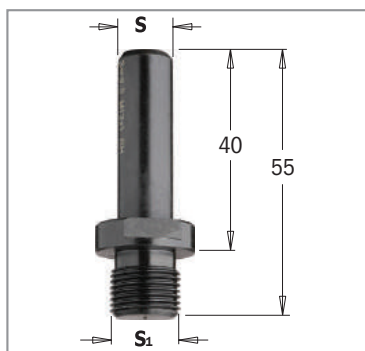
990.0

DESCRIPTION	PACK QTY.	ORDER NO.	DESCRIPTION	PACK QTY.	ORDER NO.
M4	10	990.092.00	M8	10	990.020.00
M6	10	990.095.00	M12x1,25mm	10	990.022.00

Stop Collars

541

B mm	PACK QTY.	ORDER NO.	B mm	PACK QTY.	ORDER NO.
3,175	10	541.008.00	9,5	10	541.006.00
6	10	541.003.00	12	10	541.005.00
6,35	10	541.001.00	12,7	10	541.002.00
8	10	541.004.00			



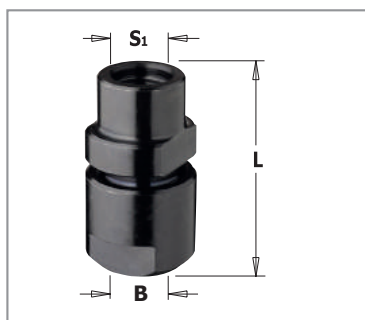
Arbors

797

S mm	S ₁ mm		PACK QTY.	ORDER NO.
8	M10x1,5		10	797.580.00
10	M12x1		10	797.100.00
12	M12x1		10	797.120.00
12,7	M12x1		10	797.127.00

TECHNICAL DETAILS:

- Super strength steel.
- Precisely machined for accuracy.



Collet Chucks

796

S ₁ mm	B mm	L mm	PACK QTY.	ORDER NO.
M10x1,5	6 - 6,35 - 8 - 9,5	38	10	796.100.00
M12x1	6 - 6,35 - 8 - 9,5	38	10	796.000.00
M12x1	10 - 12 - 12,7	47	10	796.121.00

TECHNICAL DETAILS:

- Super strength steel.
- Precisely machined for accuracy.

Collet not included.



Router Chuck Extensions with Collet

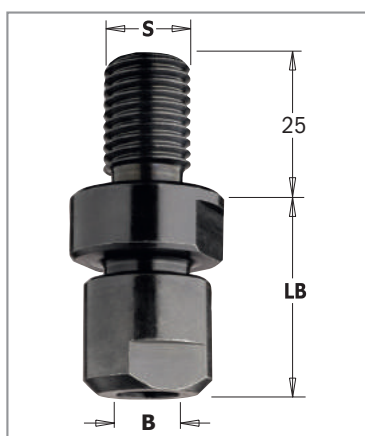
796.001/002

S mm	COLLET INCLUDED mm	FOR COLLETS mm	L mm	PACK QTY.	ORDER NO.
12	8	6 - 6,35 - 8 - 9,5	81	10	796.002.01
12	12	10 - 12 - 12,7	88	10	796.002.00
12,7	6,35	6 - 6,35 - 8 - 9,5	81	10	796.001.01
12,7	12,7	10 - 12 - 12,7	88	10	796.001.00

TECHNICAL DETAILS:

- Super strength steel.
- Precisely machined for accuracy.

Collet included.



Collet Chucks

796

S mm	FOR COLLETS mm	LB mm	PACK QTY.	ORDER NO.
M14x2	6 - 6,35 - 8 - 9,5	32	10	796.140.00
M14x2	10 - 12 - 12,7	38	10	796.141.00
M16x2	6 - 6,35 - 8 - 9,5	32	10	796.160.00
M16x2	10 - 12 - 12,7	38	10	796.161.00

TECHNICAL DETAILS:

- Super strength steel.
- Precisely machined for accuracy.

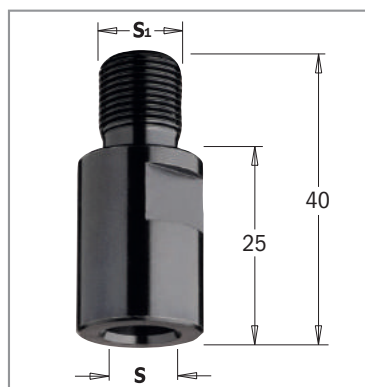
Collet not included.



Collets

796.500/600

B mm	PACK QTY.	ORDER NO.	B mm	PACK QTY.	ORDER NO.
6	10	796.560.00	10	10	796.600.00
6,35	10	796.564.00	12	10	796.620.00
8	10	796.580.00	12,7	10	796.627.00
9,5	10	796.595.00			



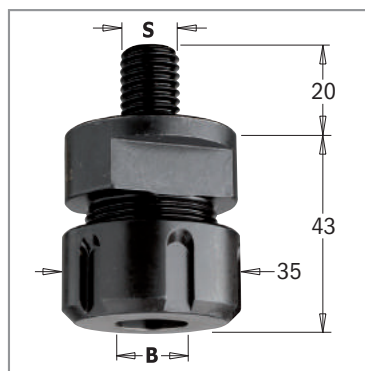
Arbors

798

S mm	S ₁ mm		PACK QTY.	ORDER NO.
M10x1,5	M10x1,5		10	798.101.00
M10x1,5	M12x1		10	798.102.00
M12x1	M10x1,5		10	798.121.00
M12x1	M12x1		10	798.122.00

TECHNICAL DETAILS:

- Super strength steel.
- Precisely machined for accuracy.



"ER20" Chucks

796

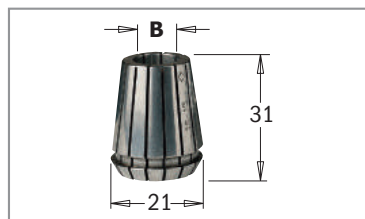
S mm	FOR COLLETS "ER20" mm	LB mm	PACK QTY.	ORDER NO.
M12x1,75	3 ~ 12,7	43	10	796.122.00
M14x2	3 ~ 12,7	43	10	796.142.00
M16x2	3 ~ 12,7	43	10	796.162.00

Spare parts: 992.483.03 M25x1,5mm clamping nut
991.483.00 "ER20" key

TECHNICAL DETAILS:

Super strength steel. Precisely machined for accuracy.

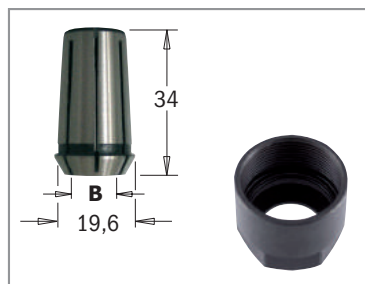
Collet not included.



"ER20" Precision Collets for 796.122/142/162 Items

184

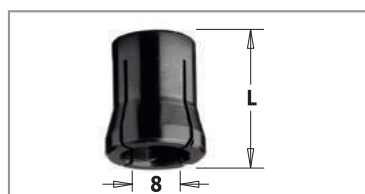
B mm	PACK QTY.	ORDER NO.	B mm	PACK QTY.	ORDER NO.
3	10	184.030.20	8	10	184.080.20
5	10	184.050.20	10	10	184.100.20
6	10	184.060.20	12	10	184.120.20
6,35	10	184.064.20	12,7	10	184.127.20



Collets for CMT1E, CMT2E, DeWalt®, Felisatti®, Fein®, Metabo® Hand-Held Routers 796.8

B mm	PACK QTY.	ORDER NO.	B mm	PACK QTY.	ORDER NO.
6	10	796.860.00	10	10	796.900.00
6,35	10	796.864.00	12	10	796.920.00
8	10	796.880.00	12,7	10	796.927.00
9,5	10	796.895.00			

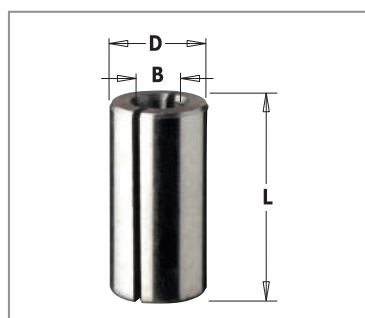
Spare parts: 992.100.01 M22 clamping nut



Collets for Freud®/Casals® Hand-Held Routers

796.780

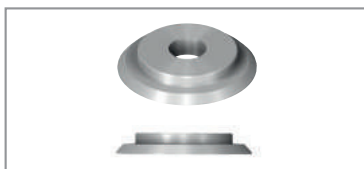
B mm	L mm	PACK QTY.	ORDER NO.
8	14	10	796.780.00



Bushings

799

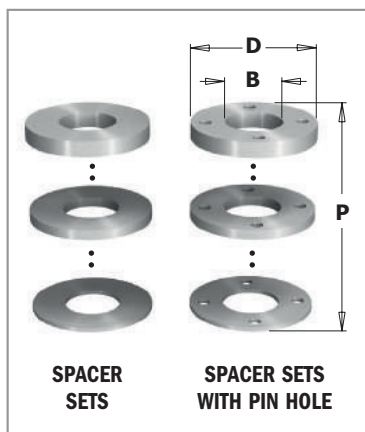
B mm	D mm	L mm	PACK QTY.	ORDER NO.	B mm	D mm	L mm	PACK QTY.	ORDER NO.
6	8	25	10	799.060.00	8	10	25	10	799.280.00
6	9,5	25	10	799.160.00	8	12	25	10	799.380.00
6	12	25	10	799.260.00	8	12,7	25	10	799.480.00
6,35	8	25	10	799.064.00	9,5	12,7	25	10	799.001.00
6,35	9,5	25	10	799.164.00	10	12	25	10	799.100.00
6,35	12,7	25	10	799.264.00	13	16	45	10	799.130.00
8	9,5	25	10	799.180.00					



Threaded Rings for 694.001 Cutter Heads

695.996

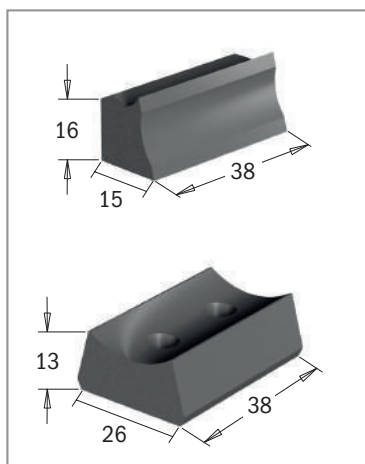
DESCRIPTION	PACK QTY.	ORDER NO.
M4 (Ø10x1,6mm)	10	695.996.01
M4 (Ø12x1,7mm)	10	695.996.02



Spacers Set

695.998

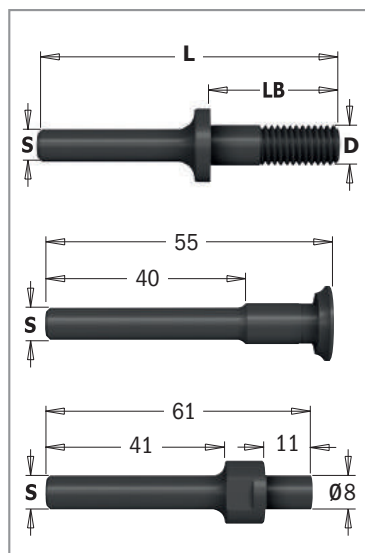
DESCRIPTION D x B x P mm	FOR CUTTER HEAD	PACK QTY.	ORDER NO.	DESCRIPTION D x B x P mm	FOR CUTTER HEAD	PACK QTY.	ORDER NO.
Spacer Sets				Spacer sets with Pin Hole			
50x30x9	694.015	10	695.998.01	65x30x8	694.001 & 694.015	10	695.998.21
50x31,75x9	694.015	10	695.998.02	65x31,75x8	694.001 & 694.015	10	695.998.22
55x35x9	694.015	10	695.998.03	65x35x8	694.001 & 694.015	10	695.998.23
60x40x9	694.015	10	695.998.04	70x40x8	694.001 & 694.015	10	695.998.24N
70x50x9	694.015	10	695.998.05	70x50x8	694.001 & 694.015	10	695.998.25N
50x30x33	694.005	10	695.998.11				
50x31,75x33	694.005	10	695.998.12				
55x35x33	694.005	10	695.998.13				
60x40x33	694.005	10	695.998.14				
70x50x22	694.005	10	695.998.15				



Wedges for Cutter Heads

651-692-693-695

DESCRIPTION	PACK QTY.	ORDER NO.	DESCRIPTION	PACK QTY.	ORDER NO.
Wedge for Cutter Heads					
38x15x16mm	10	692.999.01	31x11x9,5mm	10	695.999.31
38x22,5x13mm	10	692.999.02	38x11x9,5mm	10	695.999.38
38x26x13mm	10	693.999.01	39x11x9,5mm	10	695.999.39
38x28x12,5mm	10	693.999.02	41x11x9,5mm	10	695.999.41
38x15x16mm (per/para 695.018)	10	695.018.01	42x11x9,5mm	10	695.999.42
7x11x9,5mm	10	695.999.07	46x11x9,5mm	10	695.999.46
16x11x9,5mm	10	695.999.16	49x11x9,5mm	10	695.999.49
17x11x9,5mm	10	695.999.17	53x11x9,5mm	10	695.999.53
22x11x9,5mm	10	695.999.22	Wedges for Router Bits with Knives		
23x11x9,5mm	10	695.999.23	D=8x20mm	10	651.999.01
23x11x9,5mm	10	695.999.24	D=10-12-12,7x30mm	10	651.999.02
			D=12-12,7x50mm	10	651.999.03



Slot Cutter Arbors

7/8/924

D mm	LB mm	L mm	PACK QTY.	ORDER NO. S=Ø6mm	ORDER NO. S=Ø6,35mm	ORDER NO. S=Ø8mm	ORDER NO. S=Ø12mm	ORDER NO. S=Ø12,7mm
Arbors for 822 Slot Cutters								
M8	26	61	10	724.060.00		824.064.00		924.080.00
M8	40	86	10			924.083.00		
M8	26	67,5	10			924.120.00	824.127.00	
M8	40	81	10			924.128.00	824.128.00	
M12	54	97	10			924.129.00	824.129.00	
M8	47	97	10			924.130.00	824.130.00	
M8	29,75	71	10			924.131.00	824.131.00	
M8	35,5	71	10			924.132.00	824.132.00	
M8	23	71	10			924.133.00	824.133.00	
M12	39,5	85	10			924.134.00	824.134.00	
M12	54,5	100	10				824.135.00	
Arbors for 823 Slot Cutters with Counterbore								
		55	10	724.061.00	824.061.00	924.081.00		824.121.00
8	11	61	10	724.062.00	824.062.00	924.082.00		824.122.00

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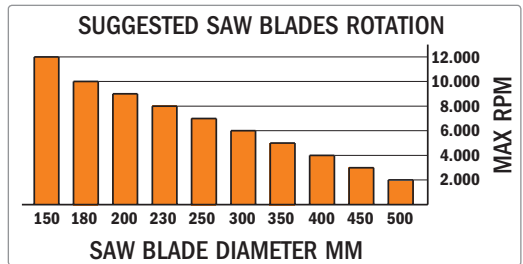
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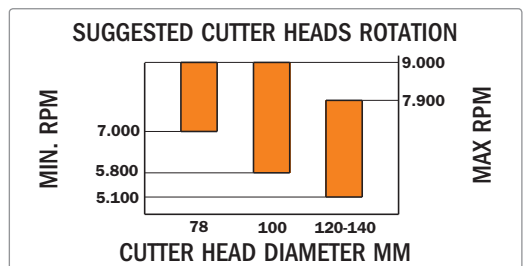
Saw blade safety

- ALWAYS** thoroughly check all blades for damage and flaws before using. Do not use blades with missing or damaged teeth.
- ALWAYS** wear safety glasses and ear protection when using power tools.
- ALWAYS** thoroughly read the owners manual and manufacturer's instructions before working with tools.
- ALWAYS** use a fence and splitter when using the table saw. Do not make freehand cuts.
- ALWAYS** use pusher blocks or a pusher stick, especially when working with small or narrow pieces.
- ALWAYS** unplug your saw before cleaning or adjusting the tool, or before making blade changes.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- ALWAYS** feed the workpiece against the rotation of the blade on table saws.
- ALWAYS** be sure your workpiece is completely supported, before and after the cut.
- NEVER** remove guards from radial arm saws and miter saws.
- NEVER** remove the splitter or anti-kickback devices from table saws.
- NEVER** use dull or damaged blades.
- NEVER** use blades with missing or chipped teeth.
- NEVER** force the cut or overload the saw.
- NEVER** change blades with the saw is plugged in.
- NEVER** make adjustments to any saw while the blade is rotating.



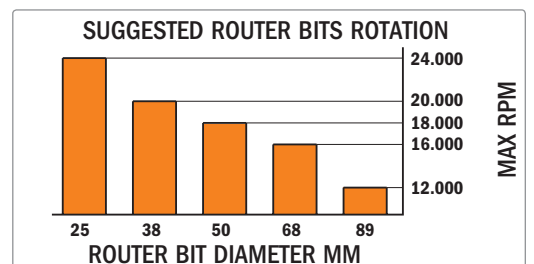
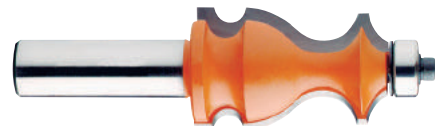
Cutter head safety

- ALWAYS** thoroughly check all cutters for damage and flaws before using.
- ALWAYS** wear safety glasses and ear protection when using power tools.
- ALWAYS** thoroughly read the owners manual and manufacturer's instructions before working with tools.
- ALWAYS** use guards that were supplied with your shaper.
- ALWAYS** use a fence with your shaper. Do not make freehand cuts.
- ALWAYS** use pusher blocks, especially when working with small or narrow pieces.
- ALWAYS** unplug your shaper before cleaning or adjusting the tool, or before making cutter or knife changes.
- ALWAYS** be sure the spindle nut is tight before plugging in the shaper.
- ALWAYS** check that knives are properly and securely installed in the cutterhead when using interchangeable-knife systems.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- ALWAYS** feed the workpiece against the rotation of the knives.
- ALWAYS** be sure your workpiece is completely supported, before and after the cut.
- NEVER** remove guards or any other safety devices from your shaper.
- NEVER** use dull or damaged knives.
- NEVER** force the cut or overload the shaper.
- NEVER** change cutters or knives or make adjustments with the shaper plugged in.
- NEVER** make adjustments to the shaper while the cutter is rotating.



Router bits safety

- ALWAYS** thoroughly check all tools for possible flaws before using.
- ALWAYS** wear safety glasses and ear protection.
- ALWAYS** thoroughly read the owners manual and manufacturer instructions before using.
- ALWAYS** check that at least 75% of the shank is securely inserted into the collet of the router.
- ALWAYS** use template guide collars when possible to absorb lateral bit deflection.
- ALWAYS** use a fence when working on the router table.
- ALWAYS** reduce the router speed when working with larger diameter bits.
- ALWAYS** keep your fence adjusted so there is some clearance between the bearing guide and the workpiece.
- ALWAYS** take care to remove large quantities of stock (cross section > 10mm) in more than one run.
- ALWAYS** keep your tools sharpened, clean and stored in a safe place to avoid breakage and accidents and to extend the life of your bits and blades.
- NEVER** use dull or defective tools, even suspiciously defective.
- NEVER** force the shank entirely into the collet (bottoming out). Leave about a 3,2mm (1/8") space from the bottom.
- NEVER** force the bit into your router or overload the router.



Conversion Table

Inch Decimals	Inch Fractions (x)						Millimeters					
	1/64	1/32	1/16	1/8	1/4	1/2	mm	1" + (x)	2" + (x)	3" + (x)	4" + (x)	5" + (x)
								25.400	50.800	76.200	101.600	127.000
0.015625	1/64						0.397	25.797	51.197	76.597	101.997	127.397
0.031250		1/32					0.794	26.194	51.595	76.994	102.394	127.794
0.046875	3/64						1.191	26.591	51.991	77.391	102.791	128.191
0.062500			1/16				1.588	26.988	52.388	77.788	103.188	128.588
0.078125	5/64						1.984	27.384	52.784	78.184	103.584	128.984
0.093750		3/32					2.381	27.781	53.181	78.581	103.981	129.381
0.109375	7/64						2.778	28.178	53.578	78.978	104.378	129.778
0.125000				1/8			3.175	28.575	53.975	79.375	104.775	130.175
0.140625	9/64						3.572	28.972	54.372	79.772	105.172	130.572
0.156250		5/32					3.969	29.369	54.769	80.169	105.569	130.969
0.171875	11/64						4.366	29.766	55.166	80.568	105.966	131.366
0.187500			3/16				4.762	30.162	55.562	80.962	106.362	131.762
0.203125	13/64						5.159	30.559	55.959	81.359	106.759	132.159
0.218750		7/32					5.556	30.956	56.356	81.756	107.156	132.556
0.234375	15/64						5.953	31.353	56.753	82.153	107.553	132.953
0.250000					1/4		6.350	31.750	57.150	82.550	107.950	133.350
0.265625	17/64						6.747	32.147	57.547	82.947	108.347	133.747
0.281250		9/32					7.144	32.544	57.944	83.344	108.744	134.144
0.296875	19/64						7.541	32.941	58.341	83.741	109.141	134.541
0.312500			5/16				7.938	33.338	58.738	84.138	109.538	134.938
0.328125	21/64						8.334	33.734	59.134	84.534	109.934	135.334
0.343750		11/32					8.731	34.131	59.531	84.931	110.331	135.731
0.359375	23/64						9.128	34.528	59.928	85.328	110.728	136.128
0.375000				3/8			9.526	34.925	60.325	85.725	111.125	136.525
0.390625	25/64						9.922	35.322	60.722	86.122	111.522	136.922
0.406250		13/32					10.319	35.719	61.119	86.519	111.919	137.319
0.421875	27/64						10.716	36.116	61.516	86.916	112.316	137.716
0.437500			7/16				11.112	36.512	61.912	87.312	112.712	138.112
0.453125	29/64						11.509	36.909	62.309	87.709	113.109	138.509
0.468750		15/32					11.906	37.306	62.706	88.106	113.506	138.906
0.484375	31/64						12.303	37.703	63.103	88.503	113.903	139.303
0.500000						1/2	12.700	38.100	63.500	88.900	114.300	139.700
0.515625	33/64						13.097	38.497	63.897	89.297	114.697	140.097
0.531250		17/32					13.494	38.894	64.294	89.694	115.094	140.494
0.546875	35/64						13.891	39.291	64.691	90.091	115.491	140.891
0.562500			9/16				14.288	39.688	65.088	90.488	115.888	141.288
0.578125	37/64						14.684	40.084	65.484	90.884	116.284	141.684
0.593750		19/32					15.081	40.481	65.881	91.281	116.681	142.081
0.609375	39/64						15.478	40.878	66.278	91.678	117.078	142.478
0.625000				5/8			15.875	41.275	66.675	92.075	117.475	142.875
0.640625	41/64						16.272	41.672	67.072	92.472	117.872	143.272
0.656250		21/32					16.669	42.069	67.469	92.869	118.269	143.669
0.671875	43/64						17.066	42.466	67.866	93.266	118.666	144.066
0.687500			11/16				17.462	42.862	68.262	93.662	119.062	144.462
0.703125	45/64						17.859	43.259	68.659	94.059	119.459	144.859
0.718750		23/32					18.256	43.656	69.056	94.456	119.856	145.256
0.734375	47/64						18.653	44.053	69.453	94.855	120.253	145.653
0.750000					3/4		19.050	44.450	69.850	95.250	120.650	146.050
0.765625	49/64						19.447	44.847	70.247	95.647	121.047	146.447
0.781250		25/32					19.844	45.244	70.644	96.044	121.444	146.844
0.796875	51/64						20.241	45.641	71.041	96.441	121.841	147.241
0.812500			13/16				20.638	46.038	71.438	96.838	122.238	147.638
0.828125	53/64						21.034	46.434	71.834	97.234	122.634	148.034
0.843750		27/32					21.431	46.831	72.231	97.631	123.031	148.431
0.859375	55/64						21.828	47.228	72.628	98.028	123.428	148.828
0.875000				7/8			22.225	47.625	73.025	98.425	123.825	149.225
0.890625	57/64						22.622	48.022	73.422	98.822	124.222	149.622
0.906250		29/32					23.019	48.419	73.819	99.219	124.619	150.019
0.921875	59/64						23.416	48.816	74.216	99.616	125.016	150.416
0.937500			15/16				23.812	49.212	74.612	100.012	125.412	150.812
0.953125	61/64						24.209	49.609	75.009	101.409	126.809	152.209
0.968750		31/32					24.606	50.000	75.406	100.806	126.206	151.606
0.984375	63/64						25.003	50.403	75.803	101.203	126.603	152.003

Explanation of symbol

HV10

Hardness
Vickers 10kg (HV10)

N/mm²

Transverse rupture strength
(expressed in N/mm²)



Tungsten carbide
tipped



Solid tungsten carbide



Insert carbide



Alloyed tools steel



High speed steel



High performance steel



High carbon steel



High-alloyed tool steel



Bimetal



TiN coated bimetal
with 8% cobalt teeth



Cermet Carbide



Carbide grit



Polycrystalline
diamond



Polycrystalline
diamond



Diamond grit



Twelve cutting edges
HW



One cutting edge
HW



Two cutting edges
HW



Three cutting edges
HW



Four cutting edges
HW



One HW + one
cutting edges HW



Two HW + two
cutting edges HW



Three HW + three
cutting edges HW



Four HW + four
cutting edges HW



Two HW + one
cutting edges HW



Three cutting edges HW
with chipbreaker



One spur



Two spur



Four spur



Right-hand rotation



Left-hand rotation



Right-hand &
Left-hand rotation



Antikick-back



Radial relief



Tool with plunging
capacity



Axial angle



Mechanical feed



Manual feed



Grooving, sizing



Rebating



Slooting



Spiral boring



Avoid axial plunging



Tool with bearing



Plastic box
for cutter head



Plastic carry case
for saw blades



Clamshell carry case
for saw blades



Cardboard box
for saw blades



ORANGE CHROME



High-Density Carbide



High
performance tool



Non-Stick
Orange Shield
Coating™



Shear Angle Grind



Saw blade
with dampening slots
with fill



Saw blade
with dampening slots
without fill



Not for hand held use
for router table only



Warning



Warning!
Flammable material!



Wear safety shoes



Wear five finger gloves



Wear safety glasses



Wear ear protection



Wear dust mask



Wear safety helmet

Conditions of trading

PREMISE

C.M.T. products are the result of technological innovation achieved through continuous research applied on a vast scale. Drawings, technical data, photos of the products and packaging are supplied for the sole purpose of informing the customer and are not binding in any manner. **C.M.T.** may undertake, when necessary, modifications and improvements without applying these innovations to the parts already supplied. The operational tolerances conform to technical standards that are acceptable for this range of tools.

ACCEPTANCE OF THE CONTRACT

All orders for our products are meant to be accepted at the price and sale conditions that are legally in force at the date of delivery.

Every order will be treated and supplied according to the following general sale conditions. By placing an order or accepting an offer, the customer accepts, without any reservations, all conditions expressly mentioned hereafter.

Any other derogation will only be accepted upon written consent by **C.M.T.** All other cases not contained within these conditions will fall under the Italian Civil Code.

Offers and order confirmations will be processed according to stock availability. Any order, even those taken by our representative agents, will be subject to our acceptance, which could also be a partial one.

We will notify the acceptance of any order by an order confirmation in which we will indicate all details pertaining to the items purchased, their price and expected delivery date. Therefore, we will not be able to accept any modification after three working days from the date of receipt.

MINIMUM AMOUNT ACCEPTABLE

C.M.T. will only be able to accept and process orders for a minimum net amount of € 100,00.

In case of acceptance of the order, we will add € 15,00 for shipping and handling.

PRICES

The prices stated in **C.M.T.'s** quotation and price lists are gross and are intended to be "ex-works".

Prices and VAT will be those in force at the date of shipping. To the best of our knowledge, the prices indicated in our catalogues, price lists and order confirmations are correct. However, **C.M.T.** cannot be held legally liable for reserving the right to change prices without notification in line with the manufacturer's cost increases.

DELIVERY

Delivery dates in the order confirmation are given as an indication of the estimated delivery time. They have to be considered as reliable only in case of normal operating conditions, and there shall be no liability on the part of the Seller for any failure to deliver due to causes beyond the Seller's control. **C.M.T.** will also not be able to accept any cancellation of existing orders which were not delivered in time due to external impediments.

Standard products will be shipped within five working days from receipt of the order.

SHIPPING AND HANDLING

The packing of our products will be charged on the final invoice, while shipping is "ex-works" from our factory at Chiusa di Ginestreto (Pesaro).

All products supplied by **C.M.T.** travel at the customer's own risk.

C.M.T. retains the right to charge freight costs on the invoice in case of value under the minimum amount acceptable of €100,00.

C.M.T. will not be held responsible for any damage, theft or tampering that might occur during transport, and for which the forwarder will be legally liable according to article 1693 of the Civil Code. The customer, for his part, will have to check the goods at the moment of receipt and, in case any anomaly or damage is found, he will have to apply for a refund to be addressed to the forwarder.

PAYMENT

Cash payments can only be accepted for purchases done directly at the **C.M.T.** factory located in Chiusa di Ginestreto (Pesaro) in accordance with article 1182, sub-section 3 of the Civil Code, or upon delivery of the goods provided there is a written agreement between the parties.

Deferred methods of payment will have to be previously agreed with the Seller. In this case, if one or more instalments are not paid, the agreement will automatically expire according to article 1186 of the Civil Code.

A delay in payment, even partial, will automatically incur interest in the amount of an extra 5% to be charged to the customer's account.

In case of non payment, **C.M.T.** reserves the right to suspend any further supply of its products.

WARRANTY

All professional tools by **C.M.T.** are manufactured according to high standards of technology and are therefore warranted against any possible defect. This warranty does not cover damage or tampering which can be ascribed to inappropriate use. It is also not applicable for tools that have been re-sharpened.

This warranty does not cover the possible injuries resulting from inappropriate use of defective tools.

C.M.T. will repair or replace any goods which the buyer shall prove to have been defective in material or workmanship upon analysis by its technical department. Any complaint must be communicated within fifteen days from receipt of the goods together with a written form in which the customer provides a detailed description of the defect. Any return of tools will only be accepted upon authorisation by **C.M.T.** and the freight will be at the customer's own expense.

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PLACE OF JURISDICTION

For any legal matter the place of jurisdiction is Pesaro.

All contracts, even those made with foreign Buyers or for goods to be sent abroad, are regulated by Italian legislation.



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