

SELF CENTERING MORTISE BASE

FOR GUIDING THE ROUTER

- Automatically self-centres when roller guides follow workpiece edges.
- Mortise width set by cutter diameter.
- Includes a pencil plug so base can be used for marking out. (pencil not included).
- Made from 8mm thick phenolic plastic.
- Maximum component width 110mm.
- Supplied with 1/4" line up pin.

Requires:

- 1/4" collet plunge router
- Straight router cutter

Size: 169mm diameter x 8mm



trend[®]
routing technology



Router base plate that allows a quick and easy mortise to be routed centrally on the component.

TEMP/SCM/A



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SELF CENTERING MORTISE BASE

REF. TEMP/SCM/A

Thank you for purchasing this Trend product which should give lasting performance if used in accordance with these instructions.

The following symbols are used throughout these instructions.



Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.



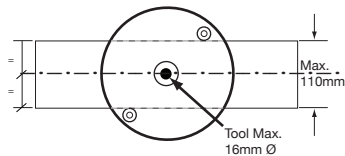
Refer to the instruction manual of your power tool.

This unit must not be put into service until it has been established that the power tool to be connected to this unit is in compliance with 2006/42/EC (identified by the CE marking on the power tool).

INTENDED USE

This accessory is intended to be used with a plunge router with suitable router cutter to rout mortises centrally into wood and wood based material.

Material width max. 110mm
Cutter diameter max. 16mm
Mortise width = cutter diameter



SAFETY

Please read and understand the safety points at end of this instruction as well as the power tool instructions before use.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments.

Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of practice and Guidance Document and any amendments.

Users must be competent in using woodworking equipment before using our products.

ITEMS REQUIRED

- Plunge router with 1/4" collet fitted.
- Straight router cutter.
- Flat head screwdriver.
- Hand Tools.
- Clamps x2.
- Limit stops x2.



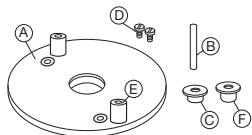
The mortise width produced will be equal to the cutter diameter. Maximum cutter diameter is 16mm. Ensure base plate is rotated clockwise so that rollers are held against the component



Base plate is predrilled to the TBC hole configuration standard and will fit directly to Trend/Elu/DeWalt routers. For other makes and models the base plate may need to be redrilled. Please see website for details.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

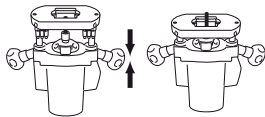
- A. Mortise template base plate **x1**
- B. Line up pin 1/4" shank **x1**
- C. Line up pin plug (black) **x1**
- D. Machine screw pan head M6 x 12mm slotted **x2**
- E. Roller guide **x2**
- F. Pencil Plug (red) **x1**



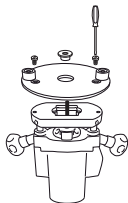
OPERATION

Setting up the Router

- Isolate router from power supply.
- Fit line up pin into the router collet and tighten.
- Turn your router upside down and plunge the base until the pin protrudes through the router base.



- Fit line up pin plug into the centre hole of the mortise template base plate from the top surface (same side as roller guide side).



- Place the mortise template base (with roller guides uppermost) and plug assembly over the line-up pin and lower plate until it touches the router base.
- Rotate the assembly until the router fixing holes align with the counterbored holes in the base plate.
- Using the two M6 screws supplied fix the template base to the router and tighten.
- Remove line-up pin and plug.
- Fit suitable diameter router cutter following the router manufacturers instructions.
- Set cutter depth.



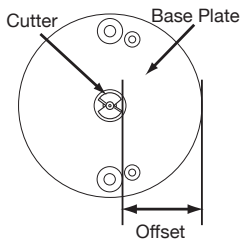
The line-up pin and plug must be used to centre the router collet to the base plate to ensure the mortise is central to the component.



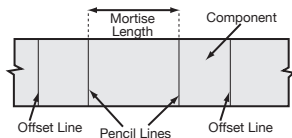
Marking out the Mortise Length

It is possible to rout to the pencil line by looking through the aperture in the base plate, however this is not an ideal method as repeated passes are needed to achieve the mortise depth required and inaccuracies can occur.

The most accurate method is to place limit stops on the component to ensure the correct length of mortise is achieved when repeated passes are made at differing depths of cut. The limit stops are placed at an offset position (offset line) which is the distance from cutter edge to edge of the base plate.



- Mark out length of mortise required on opponent.

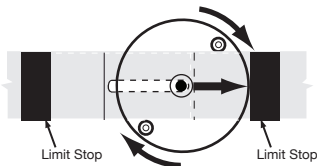
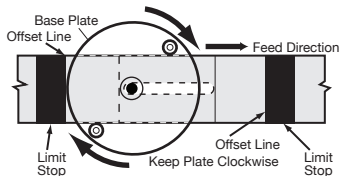


- Ensure router is isolated from power supply and with the cutter fitted into the router with base plate fitted either:-

- Measure the distance from the cutter edge to the edge of the sub base plate and transfer this offset dimension to the component as the offset line. Repeat for the other end of the mortise, or alternatively:
- Place the router with base plate fitted on to the component ensuring the rollers are against the edge of the component (base plate turned clockwise) and position the cutter edge on the start position of the mortise by looking through aperture. Mark component using edge of base plate to create the offset line or simply place the limit stops against base plate and clamp). Repeat for other end of the mortise.

Making Limit Stops

- Limit stops can be made out of a piece of timber and are simply clamped



or fixed to the component. Two limit stops are needed and should be positioned either end of the mortise on the offset line.

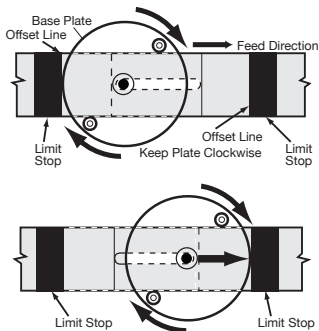
- The base plate movement will then be restricted by the limit stops to ensure repeated accurate mortise lengths on each pass.

For Mortising

As the base uses roller guides, care must be taken to ensure the guides are in contact with the component. The mortise cannot be routed to the end of the component unless additional guide battens are used. If no battens are used the base roller guides could “fall off” the end of the component.

- Plug the router into the power supply.
- Place the router with base fitted over the wooden component to be machined so that one roller is on either side of the component.
- Twist the router in a clock-wise movement tightening the roller guides against the sides of the component.

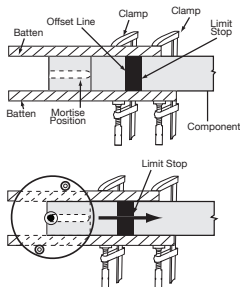
- Switch on the router.
- Ensure the router and base plate are turned clockwise to keep rollers against component, plunge the router cutter into the wood and feed the machine forwards ensuring to keep the rollers in contact with each side of the wood.



- The limit stops will set the mortise length.
- At the end of the mortise, release plunge.
- Reset cutter depth and repeat until required mortise depth is achieved.
- Switch off router.

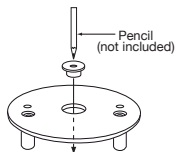
For Mortising a Full Length Mortise or Mortising to End of the Component

- If you want to put a groove the full length on the thin edge of a board ie, tongue and groove boarding, or mortise near the end of the component, then two battens of equal thickness are needed. Clamp one on each side of the board, over lapping the ends, this will give a wider and longer platform to support the router.
- Use a limit stop to control mortise length.



For Marking Out

- Place the pencil plug into the centre hole on the back of the base (opposite side to the roller guides).
- Place a standard pencil into the hole, ensuring pencil is upright and that the pencil point is slightly proud of the underside of the base.
- Place device onto the component to be centre marked.
- Whilst holding the pencil plug in the base, twist the base in a clock-wise movement tightening the rollers against the sides of the component. Gently maintain a slight down pressure on the pencil and move base along component to mark centre.



SPARE PARTS

Only use original Trend spare parts.

Item	Qty.	Desc.	Ref. (1 off)
B	1	Line-up Pin 1/4" Shank	TEMP/SCM/PIN1
C	1	Line-up Pin Plug	WP-T/SCM/01
D	2	Machine Screw	WP-SCW/58
		Pan M6x12mm Slot	
F	1	Pencil Plug	WP-T/SCM/02

MAINTENANCE

The accessory has been designed to operate over a long period of time, with the minimum amount of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Regularly clean jig with a soft cloth.

Lubrication

- Your accessory requires no additional lubrication.

Storage

- Return to packaging after use.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing as waste.

Packaging should be sorted for environmental-friendly recycling. The product and its accessories at the end of its life should be sorted for environmental-friendly recycling.



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RS 28982



RECYCLABLE

GUARANTEE

All Trend products are guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.

Safety Points

1. Disconnect power tool and attachment from power supply when not in use, before servicing, when making adjustments and when changing accessories such as cutters. Ensure switch is in "off" position. Always ensure cutter has stopped rotating.
2. Read and understand instructions supplied with power tool, attachment and cutter.
3. Current Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. Keep hands, hair and clothes clear of the cutter.
4. Before each use check cutter is sharp and free from damage. Do not use if cutter is dull, broken or cracked or if any damage is noticeable or suspected.
5. The maximum speed (n_{max}) marked on tool or in instructions or on packaging shall not be exceeded. Where stated, the speed range should be adhered to.
6. Insert the shank into the router collet at least all the way to the marked line indicated on the shank. This ensures at least 3/4 of shank length is held in collet. Ensure clamping surfaces are clean.
7. Check all fixing and fastening nuts, bolts and screws on power tool, attachment and cutting tools are correctly assembled, tight and to correct torque setting before use.
8. Ensure all visors, guards and dust extraction is fitted.
9. The direction of routing must always be opposite to the cutter's direction of rotation.
10. Do not switch power tool on with the cutter touching the workpiece.
11. Trial cuts should be made in waste material before starting any project.
12. Repair of tools is only allowed according to tool manufacturers instructions.
13. Do not take deep cuts in one pass, take several shallow passes to reduce the side load applied to the cutter.

Please see www.trend-uk.com/safety for more safety advice.

Our policy of continuous improvements mean that specifications may change without notice. Trend Machinery & Cutting Tools Ltd. cannot be held liable for any material rendered unusable, or for any form of consequential loss.