

trend[®]
tool technology

EURO CYLINDER BARREL JIG

FOR GUIDING THE ROUTER

**For use with a plunge
router to rout out Euro
cylinder lock barrel.**

- To suit Euro lock cylinder barrel size 33mm x 17mm/10mm with 1mm clearance all round.
- Handle pitch to lock body adjustment from 45mm to 115mm.
- 44mm and 57mm backset.
- Allows 16mm diameter hole for handle spindle to be routed.
- Reversible edge guides.
- Accessory templates available for small and large oval cylinders.

Requires:

- Plunge router.
- 12mm Straight cutter Ref. C172 or C019A.
- 20mm Guide bush* Ref. GB20.
- 2.75mm Drill bit guide Ref. SNAP/DBG/7.

Size: 490mm x 101mm x 12mm

*A Unibase may be required for certain makes and models of router.



**For Euro cylinder
barrel only.**



EURO CYLINDER LOCK JIG REF. ECL/JIG

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) or UK Statutory Instruments 2008 No. 1597 – The Supply of Machinery (Safety) Regulation (identified by UKCA marking on the power tool).

INTENDED USE

This jig is intended for use with a plunge router with a suitable guide bush and router cutter fitted to rout the spindle hole and aperture for Euro cylinder lock barrel on doors that will have a suitable lock fitted. The jig has edge swivel stop plates allowing for use on doors with a leading edge. The aperture will give 1mm clearance all around barrel. A Trend



The jig will not rout out the mortise/faceplate for the Euro lock casing, this has to be done separately.

Snappy self-centring drill bit guide can also be used to mark the handle lock plate bolt positions.

SAFETY

Please read and understand these safety instructions, 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.

Consider working environment before using tools.

Ensure working position is comfortable and component is clamped securely.

Please keep children and visitors away from tools and work area. All power tools will have a residual risk, so must be operated with caution.

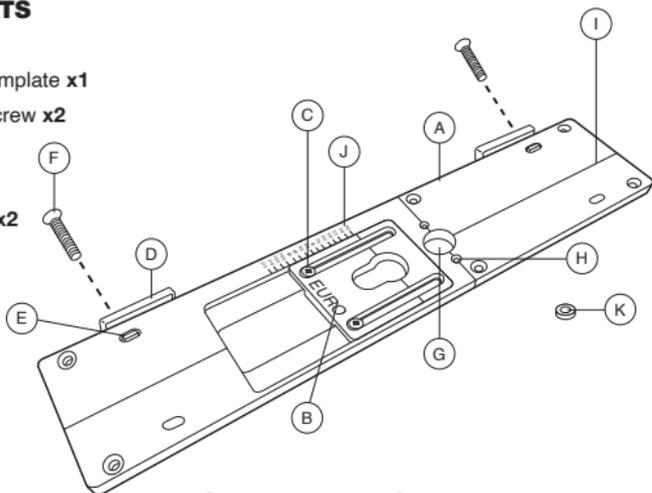
Only use tooling that meets EN847-1/2 safety standard and any amendments.

ITEMS REQUIRED

- Plunge router with suitable size collet fitted.
- 20mm diameter guide bush.
- 12mm diameter router cutter.
- Door clamping device.
- Hand tools.
- No.2 Pozi® screwdriver.
- Clamps x 2.
- 2.75mm diameter drill bit guide.
- Dowel drill bits.

ITEMS ENCLOSED & DESCRIPTION OF PARTS

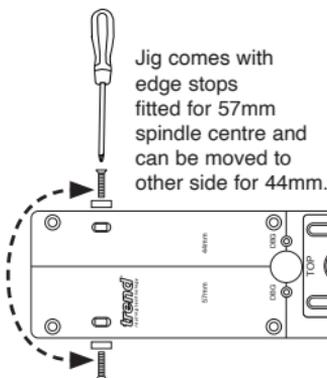
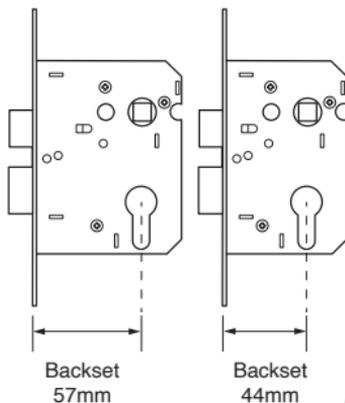
- A. Top plate x1
- B. Euro cylinder lock barrel template x1
- C. Template fixing machine screw x2
- D. Edge swivel stop plate x2
- E. Edge stop square nut x2
- F. Edge stop machine screw x2
- G. Handle spindle hole
- H. Handle lock plate hole
- I. Centre line
- J. Scale
- K. Spacer set x1



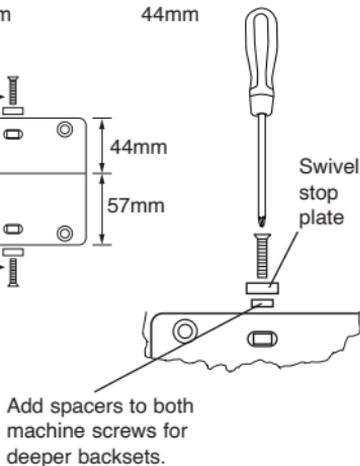
ASSEMBLY

Backset

This jig comes set for a 57mm backset from door edge to the spindle centre. The edge stops can be removed and fitted to the opposite edge of jig for a 44mm offset. To do this, undo the two edge stop screws, remove the edge stop plates and square nuts, refit to opposite edge of jig.



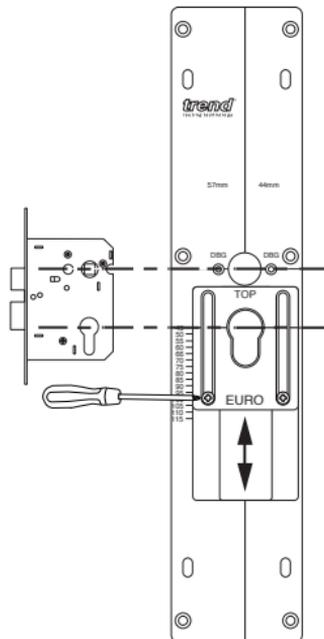
A spacer set is included for slightly deeper backsets. The spacers can be placed between the swivel edge stops and jig body.



Setting & Fixing Template Height

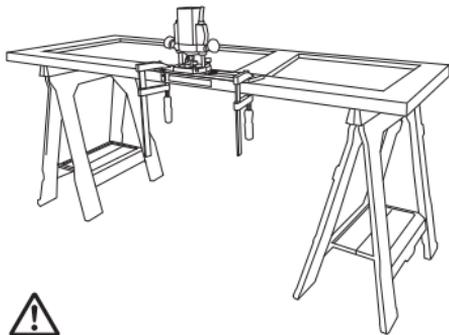
Loosely screw the template to the jig, ensuring the top mark is positioned upright.

- For Euro cylinder locks, measure the distance between centre of spindle and centre of lock barrel and using the scale on the jig set the position of the lock barrel template.
- Screw down in place with a No. 2 Pozi® screwdriver. Do not over-tighten screws.
- For the accessory templates for large and small barrels, set position by laying the lock over the jig, adjust the plate so that the lock spindle and barrel apertures are concentric around the apertures of the jig's handle hole and template aperture.
- Once position is established, screw lock barrel template in place, ensuring that the position of the template remains correct.
- Once the lock barrel template has been screwed in place, check again that the position is correct by laying the lock over the jig.
- Adjust and re-fix as required.

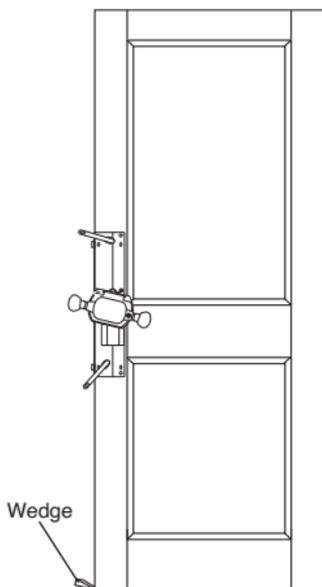


Door Routing Positions

It is advisable to rout door removed from door frame.



If using the jig whilst the door is hung, only a light weight router should be used. Door must be prevented from moving with wedge or similar device.



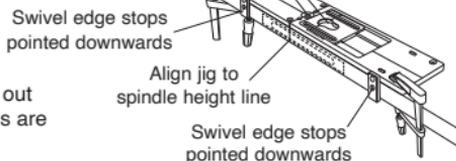
OPERATION



It is advisable to rout the spindle and cylinder holes on both sides of the door (cutting to half the thickness of the door) to avoid breaking out the bottom face of the door.

Positioning the Jig

- Mark spindle height on edge and both sides of door with a pencil.
- For doors with chipboard core, the mortise for the lock casing can be cut out before the spindle and barrel apertures are routed.
- For solid natural doors, rout spindle and cylinder holes before cutting out lock casing recess to avoid risk of breaking out inside of the mortise.
- Position jig on door.
- Secure jig in place with two clamps ensuring they do not foul the router path, carefully lining spindle line on jig with spindle height line on door.



Ensure clamps do not foul router path. Ensure working position is comfortable. Keep proper footing and balance at all times. Ensure jig is clamped securely to door and placed at a comfortable working height.

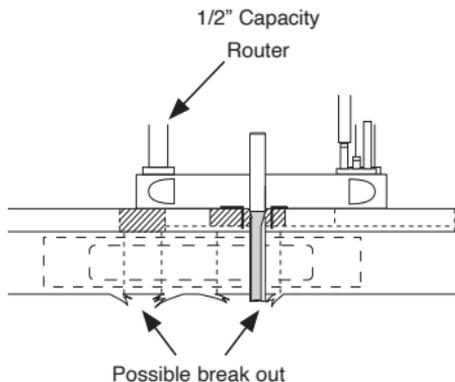
Routing the Apertures from One Side Only



- Fit 20mm diameter guide bush to the router.
- Fit a suitable 12mm diameter router cutter.
- When routing from one side only, there may be possible damage to door underside due to breakout. It is therefore advisable to use a sacrificial board clamped to underside of door.
- Ensure guide bush is inserted in aperture to be routed. Take light passes in clockwise direction until full depth is reached.
- Repeat for spindle hole.
- Before removing jig from door, mark handle lock plate bolt positions.



Ensure sacrificial board is fitted.

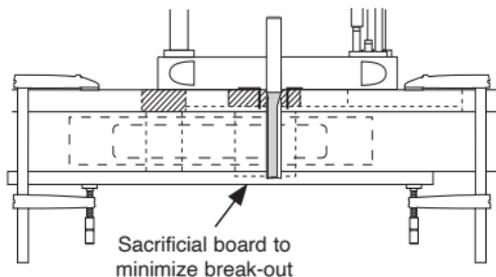


Routing the Apertures on Both Sides of Door



Side 1

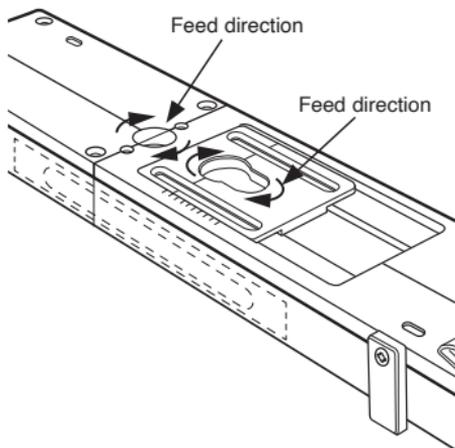
- Take light passes in clockwise direction to half depth of door thickness.
- Repeat for hand spindle hole.
- Before removing jig from door, mark handle lock plate bolt positions.



Side 2



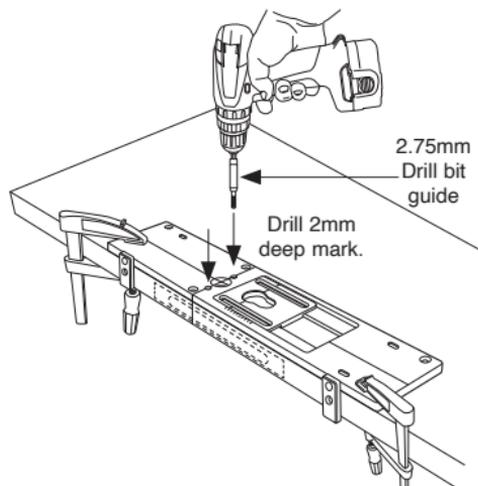
- Turn jig over and position on other side of door. Rotate edge guides 180 degrees.
- Re-clamp jig ensuring the jig is positioned accurately to the spindle height line.
- Take light passes in clockwise direction.
- Repeat for handle spindle hole.
- Before removing jig from door, mark handle lock plate bolt positions.



Marking Handle Lock Plate with 40mm Centres



- Use a 2.75mm diameter drill-bit guide to mark the handle lock plate bolt positions.
- Drill down approximately 2mm deep.
- Remove jig from door.
- Drill halfway through door with a suitable diameter dowel drill. Repeat on other side of door.



After use, store jig carefully.

SPARE PARTS

Please use only Trend original spare parts.

Item	Qty.	Desc.	Ref. (1 off)
A	1	Top Plate	WP-ECL/01
B	1	Euro Barrel Template	WP-ECL/02
C	2	Template Fixing Screw Csk M5 x 8mm Pozī®	WP-SCW/121
D	2	Edge Stop Plate	WP-ECL/04
E	2	Square Nut M5	WP-NUT/07
F	2	Edge Stop Screw Csk M5 x 25mm Pozī®	WP-SCW/117
K	1	Spacer Set	WP-ECL/05



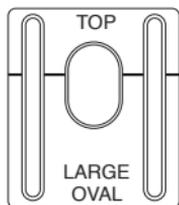
If escutcheon/handle size will allow, then an 18mm guide bush (Ref.GB18) can be used to create a larger cylinder aperture.

ACCESSORIES

Please use only Trend original accessories.

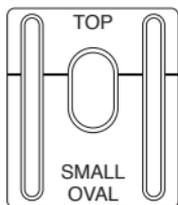
Ref. ECL/T/OCL

Large Oval Template
to suit cylinder size
31.5mm x 17.5mm



Ref. ECL/T/OCS

Small Oval Template
to suit cylinder size
27.8mm x 13mm



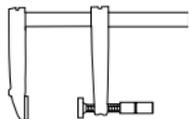
Ref. GB20 Guide Bush



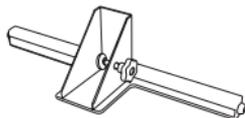
Ref. SNAP/DBG/7 2.75mm Drill Bit Guide



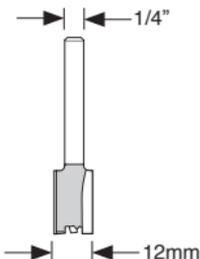
Ref. FC/200 F Clamp



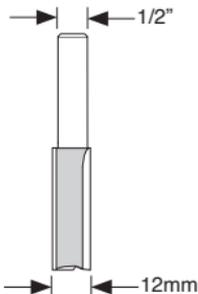
Ref. D/STAND/A Door Stand



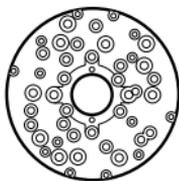
Ref. 3/8LX1/4TC C019AX1/4TC 12mmØ Router Cutter



Ref. 3/75X1/2TC C172X1/2TC 12mmØ Router Cutter



Ref. UNIBASE For certain makes of router, a sub-base will be required to allow the guide bush to be fitted.



Ref. ECL/SPAC/1 Pack of spacers for 44.5mm, 45mm, 47mm, 48mm, 55mm and 60mm backset



