



KWJ650

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Fig. 1

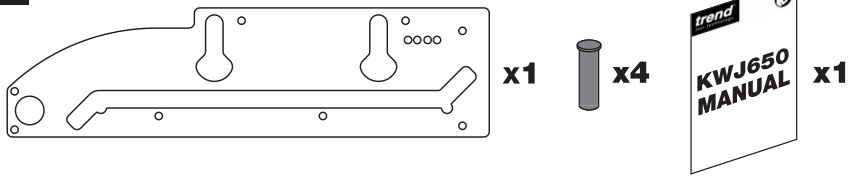


Fig. 2

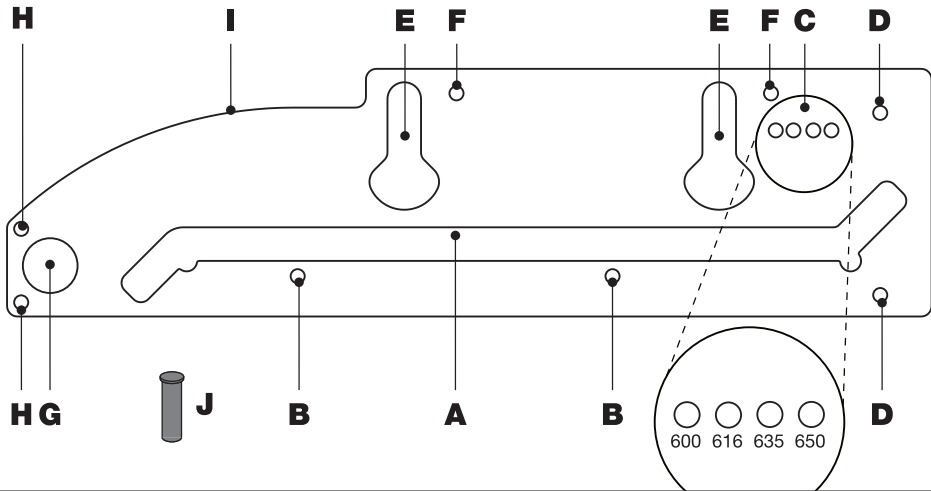


Fig. 3a

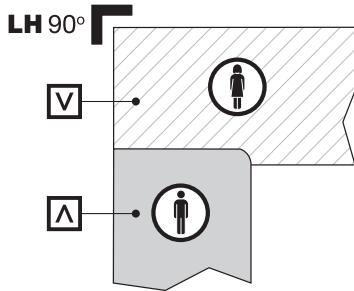


Fig. 3b

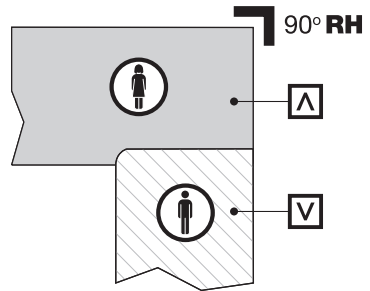


Fig. 3c

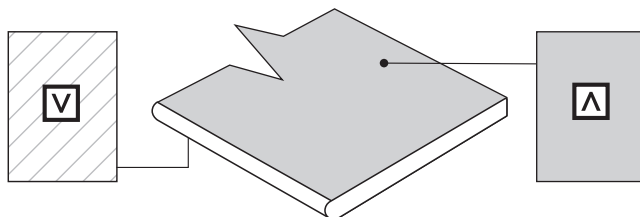


Fig. 4a

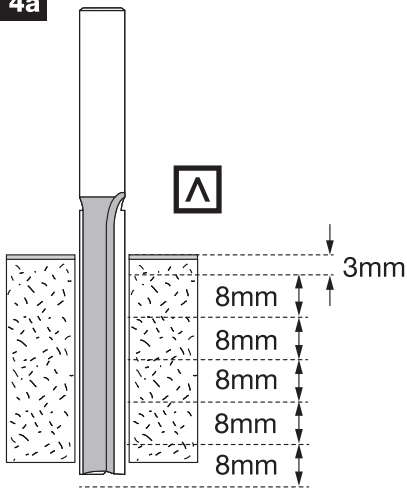


Fig. 4b

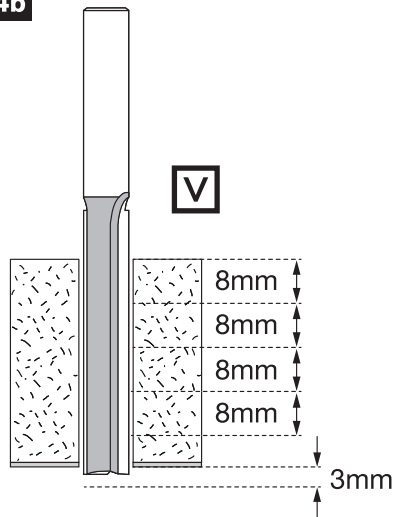


Fig. F1

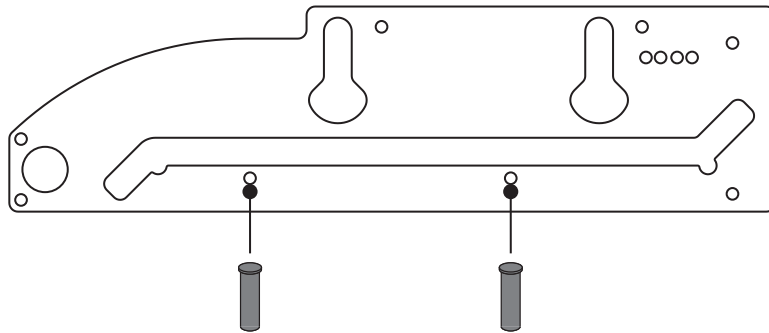


Fig. F2

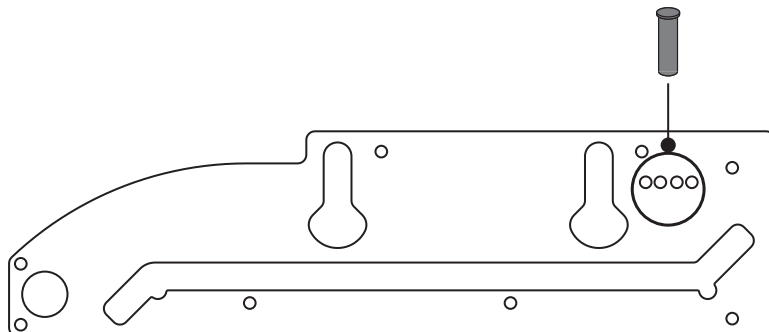


Fig. F3

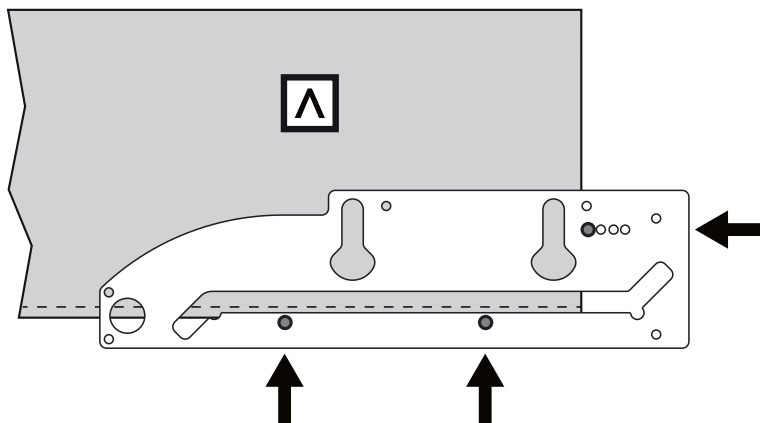


Fig. F4

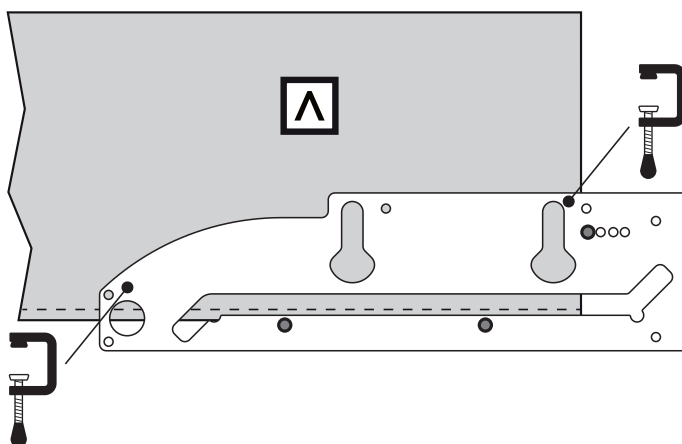


Fig. F5

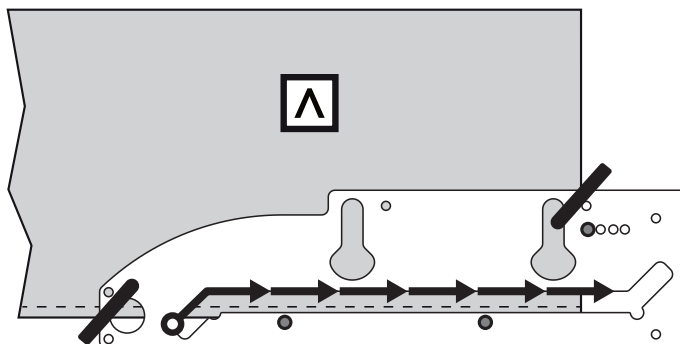


Fig. M1

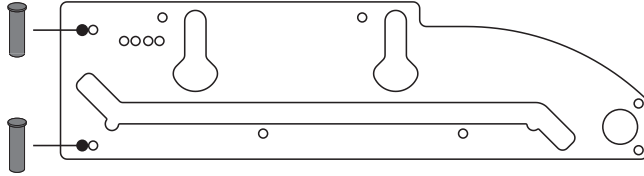


Fig. M2

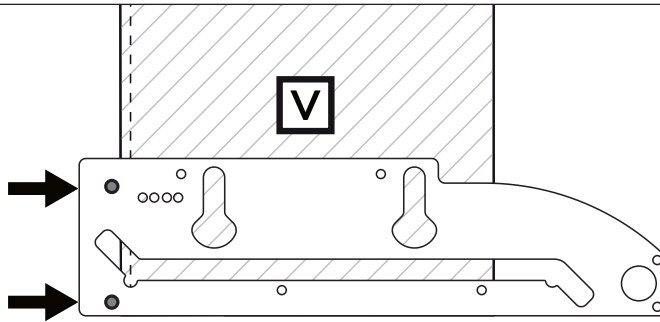


Fig. M3

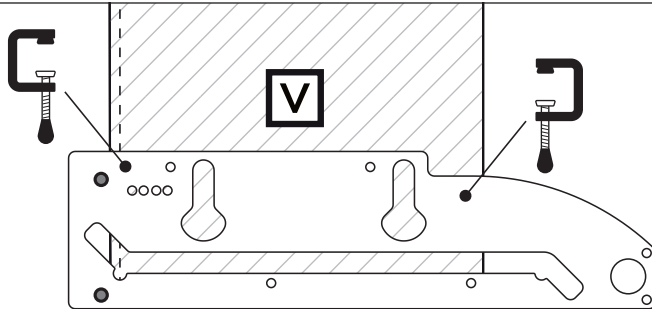


Fig. M4

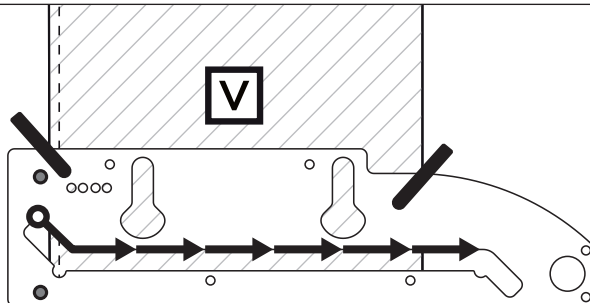


Fig. B1

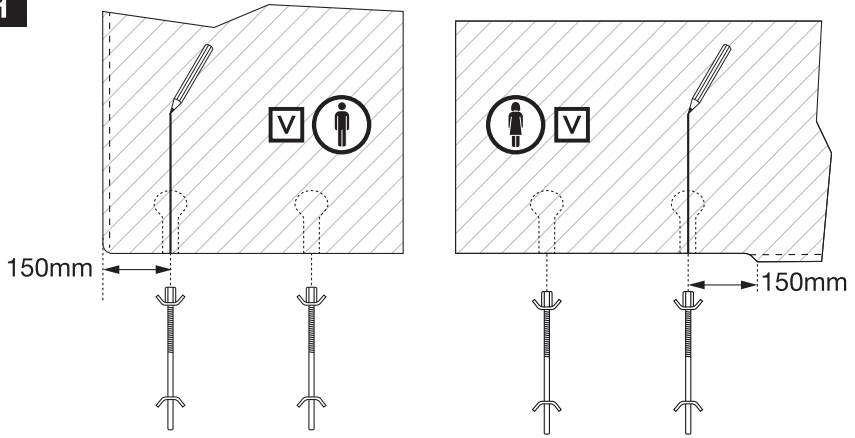


Fig. B2

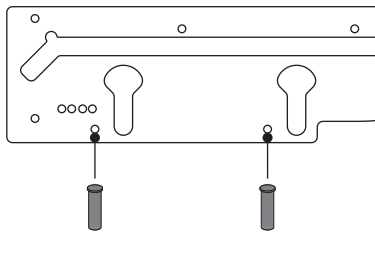


Fig. B3

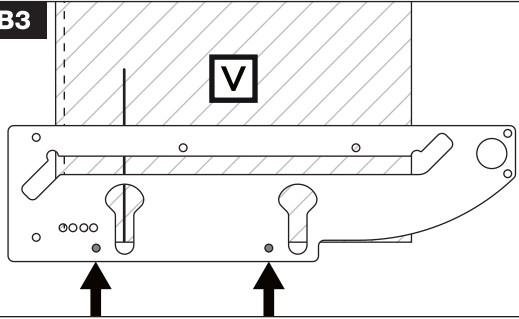


Fig. B4

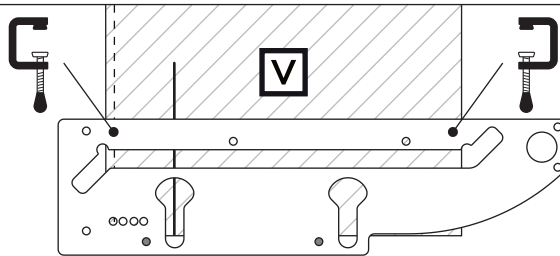


Fig. B5

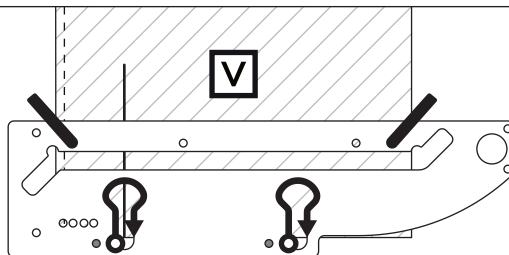


Fig. P1

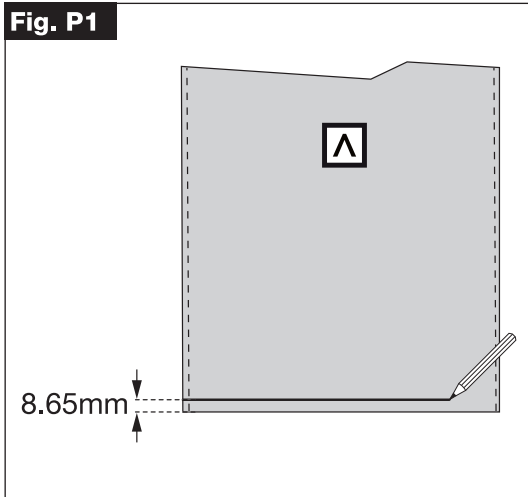


Fig. P2

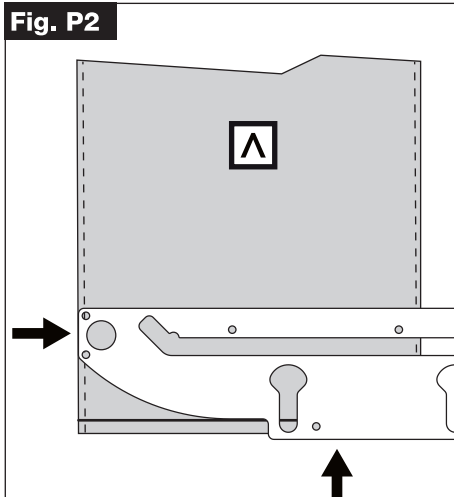


Fig. P3

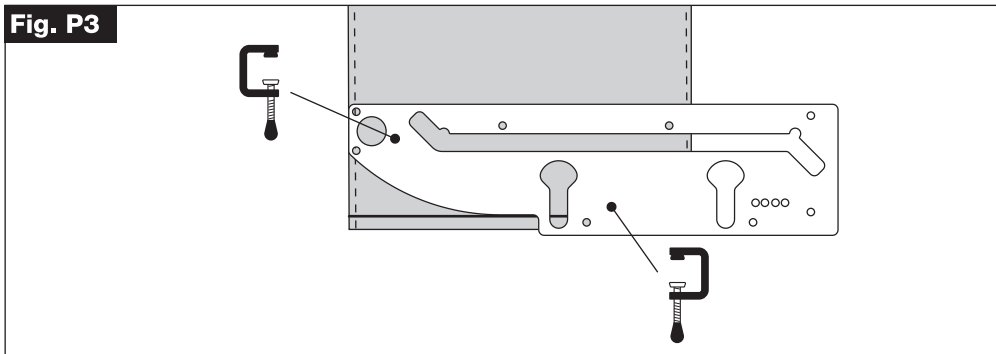


Fig. P4

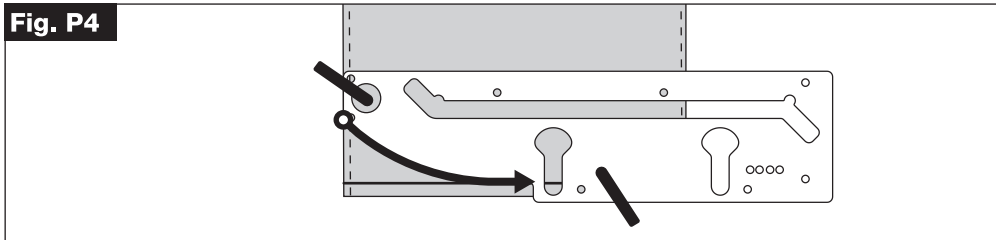


Fig. P5

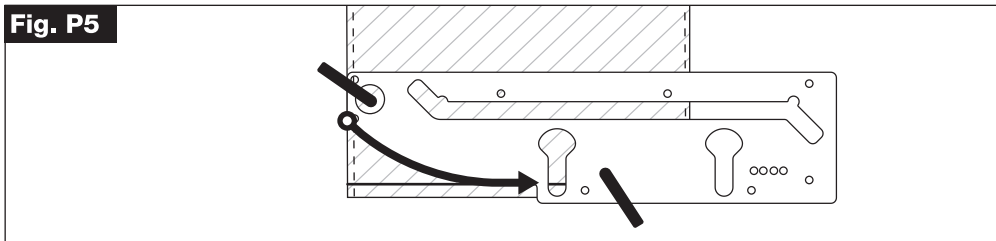


Fig. H1

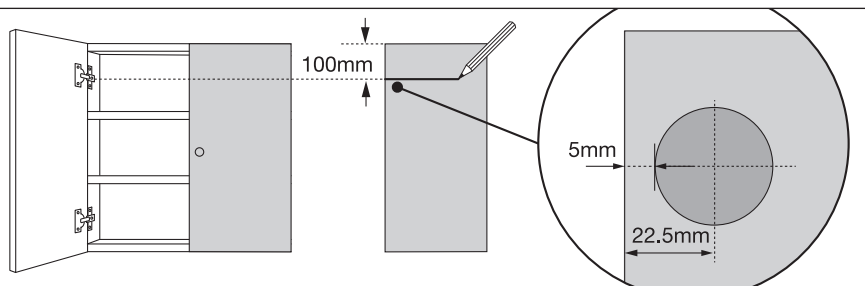


Fig. H2

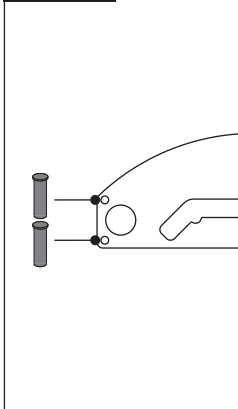


Fig. H3

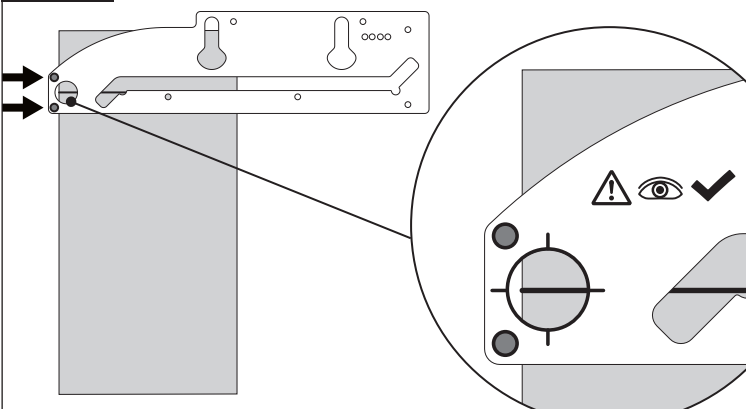


Fig. H4

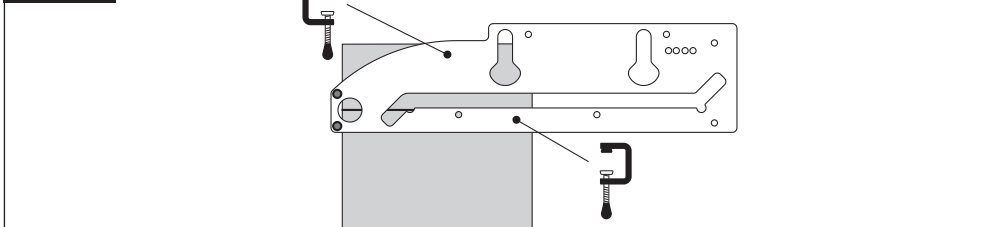
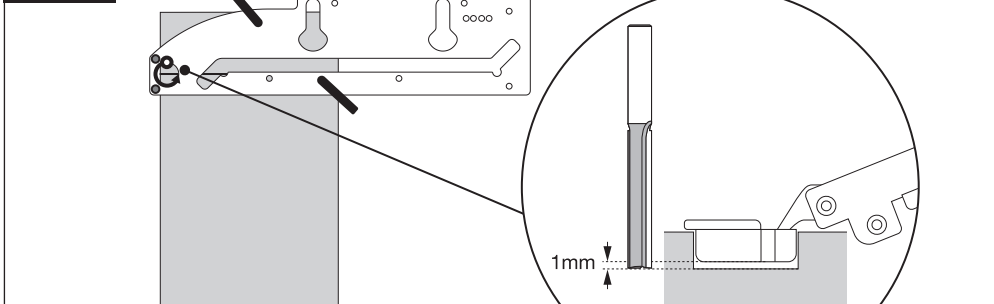


Fig. H5



EN – KWJ650

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

TECHNICAL DATA

	KWJ650
Cutter Diameter	12.7mm
Guide Bush Diameter	30mm
Worktop Width(s)	600, 616, 635, 650mm
Mitre Inset(s)	33mm

INTENDED USE

This jig is intended for use with a plunge router to create 33mm inset mason mitre joints in kitchen worktop materials (such as laminated chipboard, timber, and compact grade laminate). It is intended to be used only with a suitable guide bush and router cutter fitted.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE

The following symbols are used throughout this manual:



Refer to the instruction manual of your power tool.



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

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 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).

SAFETY

Please read and understand the safety points in these instructions as well as your power tool instructions.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

Safety Points

- Disconnect power tool 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 and cutter has stopped rotating.
- Read and understand instructions supplied with power tool, equipment and cutter.
- Current and compliant Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. Keep hands, hair and clothes clear of the cutter.
- 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. Only use tools for woodworking to EN847 safety standard. Ensure cutting tool is suitable for application.
- The maximum speed (max) marked on tool or in instructions or on packaging shall not be exceeded. Where stated, the speed range should be adhered to.
- 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 the shank length is held in collet. Ensure clamping surfaces are clean.
- 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.
- Ensure all visors, guards and dust extraction is fitted.
- The direction of routing must always be opposite to the cutter's direction of rotation.
- Do not switch power tool on with the cutter touching the workpiece.
- Trial cuts should be made in waste material before starting any project.
- Repair of tools is only allowed according to tool manufacturers instructions.
- Do not take deep cuts in one pass, take shallow passes to reduce the side load applied to the cutter.
- User must be competent in using woodworking equipment before using our products. Dress properly, no loose clothing/jewellery, wear protective hair covering for long hair.
- Consider working environment before using tools. Ensure working position is comfortable and component is clamped securely. Keep proper footing and balance at all times. Check work area for obstructions. Keep control of power tool at all times.
- Please keep children and visitors away from tools and work area.
- All tools have a residual risk so must therefore be handled with caution.
- Only use Trend original spare parts and accessories.
- If you require further safety advice, technical information, or spare parts, please call Trend Technical Support or visit www.trend-uk.com

WARNINGS



Whenever clamps are used, ensure they do not foul the router path and that they are securely tightened.



In order to prevent breakout of the laminate, rotation of the cutter and feed direction of the router must always be into the postform edge of worktop.



Ensure worktop is held securely to trestles. Ensure jig is clamped securely to worktop and placed at a comfortable height.



Release plunge on router at end of each cut.



Ensure working position is comfortable. Keep proper footing at all times.



Support waste piece to avoid injury or damage to equipment.

ITEMS REQUIRED

- 1/2" plunge router
- 30mm guide bush
- F-Clamps x2
- 12.7mm diameter x 50mm depth router cutter with 1/2" shank

ITEMS ENCLOSED - (Fig.1)

- 1 x Worktop jig
- 4 x Location pins
- 1 x Manual

DESCRIPTION OF PARTS - (Fig.2)

- A.** Joint Slot
- B.** Female Inset Pin Hole "F33"
- C.** Female Backset Pin Holes "F600" / "F616" / "F635" / "F650"
- D.** Male Pin Hole "M"
- E.** Connecting Bolt Slot
- F.** Connecting Bolt Pin Hole
- G.** 35mm Concealed Cabinet Hinge / Tap Hole
- H.** 35mm Concealed Cabinet Hinge / Tap Pin Hole
- I.** Curved Peninsular R400
- J.** Pin

GENERAL NOTES



WARNING! To prevent tear-out/chipping at the front of the mason's mitre, ensure that the router cutter rotates into the material.

- For a Left-Hand 90° Joint, the MALE will be cut with material facing UP, and the FEMALE will be cut with the material facing DOWN (**Fig. 3a**).
- For a Right-Hand 90° Joint, the MALE will be cut with material facing DOWN, and the FEMALE will be cut with the material facing UP (**Fig. 3b**).
- When cutting laminate face UP, ensure that the cutter is set at 3mm depth for the first cut, and 6mm-8mm (MAX) for subsequent cuts (**Fig. 4a**).
- When cutting laminate face DOWN, complete cuts at 6mm-8mm (MAX), and ensure the final cut is set at 3mm below the laminate material (**Fig. 4b**).

FEMALE MASONS MITRE

- Insert two pins into Female Inset Pin Holes "F33" (**Fig. F1**).
- Insert one pin into Female Backset Pin Hole, according to worktop width (**Fig. F2**).
- Align the pins to the edge of the worktop (**Fig. F3**).
- Clamp the jig to the worktop (**Fig. F4**).
- Complete cuts. Ensure guide bush is pushed against the inside edge of joint slot as indicated by router direction arrow (**Fig. F5**).

MALE MASONS MITRE

- Insert two pins into Male Pin Holes "M" (**Fig. M1**)
- Align the location pins to the edge of the worktop (**Fig. M2**)
- Clamp the jig to the worktop (**Fig. M3**)
- Complete cuts. Ensure guide bush is pushed against the inside edge of joint slot as indicated by router direction arrow (**Fig. M4**)

CONNECTING BOLT RECESSES



WARNING! Preset Bolt positions for 170mm connection bolts only. Adjust jig position as necessary for alternative bolt lengths.

- On the underside of the worktop, mark 150mm from the front of the masons mitre on both male and female parts (**Fig. B1**).
- Insert two pins into Connecting Bolt Pin Holes "B" (**Fig. B2**).
- Align the location pins to the edge of the worktop (**Fig. B3**).
- Clamp the jig to the worktop (**Fig. B4**).

- Cut bolt recesses. Ensure router plunge depth is set to worktop/bolt manufacturers instructions **(Fig. B5)**.

PENINSULA CUT

- Mark 8,65mm offsets with a pencil **(Fig. P1)**.
- Align edge of jig to worktop and pencil mark as shown **(Fig. P2)**.
- Clamp the jig to the worktop **(Fig. P3)**.
- Complete cut. Ensure guide bush is pushed against outside edge of jig as indicated by router direction arrow **(Fig. P4)**.
- Flip worktop and repeat **(Fig. P5)**.

35mm CABINET HINGE HOLE

- Mark hinge height (100mm from door top/bottom recommended) with a pencil **(Fig. H1)**.
- Insert two pins into 35mm Cabinet Hinge / Tap Pin Holes **(Fig. H2)**.
- Align the location pins to the edge of the worktop and the centre of the hole to the pencil mark **(Fig. H3)**.
- Clamp the jig to the worktop **(Fig. H4)**.
- Cut hinge recess. Ensure router plunge depth is limited to the hinge depth +1mm **(Fig. H5)**.

MAINTENANCE

Please use only Trend original spare parts and accessories. The accessory has been designed to operate over a long period of time with minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning

- Regularly clean with a soft cloth.
- Keep guides clear of dust build up.

Lubrication

- Your accessory requires no additional lubrication.

Storage

- Always return product to its original packaging.

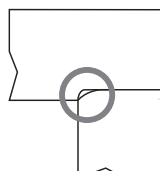
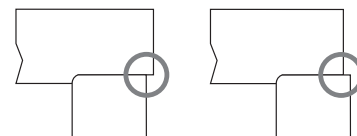
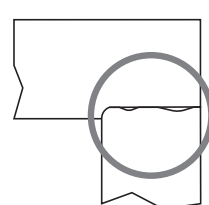
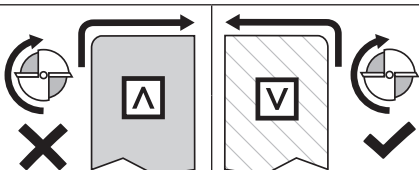
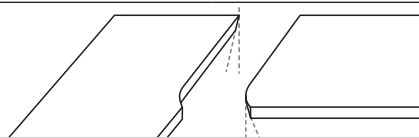
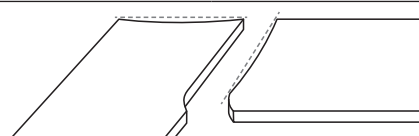
ENVIRONMENTAL PROTECTION

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.

WARRANTY

This unit carries a manufacturer's warranty in accordance with the conditions on our website www.trend-uk.com

TROUBLESHOOTING			
Fault	Cause	Remedy	
<ul style="list-style-type: none"> Joint does not fit correctly at the radius. 	<ul style="list-style-type: none"> Cutter and guide bush are not concentric. Cutter diameter is incorrect. Guide Bush diameter is incorrect. Location pins have not been used correctly. 	<ul style="list-style-type: none"> Use Trend UNIBASE or Trend router with 'Precision Centering' functionality. Use Use 12.7mm (1/2") diameter cutter. Use 30mm diameter guide bush. Ensure location pins are used in accordance with instructions above. 	
<ul style="list-style-type: none"> Joint does not line-up at the back. 	<ul style="list-style-type: none"> Female Backset Pin was in the incorrect pin position when cutting female joint. Male Pins were not pushed against worktop when cutting male joint. 	<ul style="list-style-type: none"> Check Female Backset Pin position and re-cut joint. Check Male Pins and re-cut joint. 	
<ul style="list-style-type: none"> The joint has irregular gaps. 	<ul style="list-style-type: none"> The guide bush has drifted away from the edge of the joint slot whilst cutting. Cutter and guide bush are not concentric. 	<ul style="list-style-type: none"> Check male and female joints with a straight edge and re-cut, ensuring that the guide bush is pushed against the edge of the joint slot at all times. For female cuts, the inset location pins can no longer be used, and the edge of the joint slot must be set 8.65mm from the cut edge. Use Trend UNIBASE or Trend router with 'Precision Centering' functionality. 	
<ul style="list-style-type: none"> Chipped laminate on material face. 	<ul style="list-style-type: none"> Blunt router cutter. Removing too much material in one pass. 	<ul style="list-style-type: none"> Replace or sharpen router cutter. Remove material in 8mm (max.) passes. 	
<ul style="list-style-type: none"> Chipped laminate at postform edge. 	<ul style="list-style-type: none"> Router cutter rotating away from postform edge. 	<ul style="list-style-type: none"> Flip worktop material as needed to ensure cutter rotates into postform edge. 	
<ul style="list-style-type: none"> Jig is slipping during use. 	<ul style="list-style-type: none"> Jig has been clamped incorrectly. Blunt router cutter. Removing too much material in one pass. 	<ul style="list-style-type: none"> Ensure jig is secured with heavy duty threaded F-clamps. Ensure mating jig and worktop surfaces are clean and free of debris. Replace or sharpen router cutter. Remove material in 8mm (max.) passes. 	
<ul style="list-style-type: none"> Cut faces are not square. 	<ul style="list-style-type: none"> Router has tilted during use. Operator has leaned heavily on router causing jig flex. 	<ul style="list-style-type: none"> Ensure router sub-base is clean and flat. Ensure router does not lift during use. Do not push downwards or lean on the router during use. 	
<ul style="list-style-type: none"> Assembled joint is bowed. 	<ul style="list-style-type: none"> Worktop is not flat/ has cupped. 	<ul style="list-style-type: none"> Ensure worktop used is perfectly flat and square. 	
<ul style="list-style-type: none"> Assembled joint faces are not flush. 	<ul style="list-style-type: none"> Male and Female sections are different thicknesses. Joint is not assembled correctly. 	<ul style="list-style-type: none"> Ensure worktop used is of consistent thickness. Use additional connector bolts and biscuits. 	