

SCRIBE-MASTER

DG-JIG



Dear Customer

Thank-you for purchasing your Scribe-Master jig. It has taken years of product development, we hope you enjoy many years of productive use.

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TECHNICAL DATA

Guide Bush Size	30mm
Cutter Size	Various
Slot Length (approx)	455mm
Gradient	0.5°
Jig Thickness	12mm
Slot Depth @ Sink	4.0mm - 4.5mm
Weight	4.3kg

INTENDED USE

This jig has been designed for professional heavy duty routing of both hard woods and solid laminate surfaces. It is only intended for use with a plunge router fitted with the correct cutter and 30mm guide bush*.

*IMPORTANT - Some guide bushes are not perfectly centered and may be slightly smaller or larger than 30mm. Please check your guide bush. Any guide bush that isn't the correct size and not centered will not deliver the best cut.

CONTACT INFORMATION

FOR ANY TECHNICAL QUESTIONS, FURTHER SAFETY ADVICE OR SPARE PARTS PLEASE CONTACT TECHNICAL SUPPORT AT:

info@scribemaster.com

FURTHER INFORMATION CAN BE FOUND AT WWW.SCRIBEMASTER.COM

SAFETY & PPE



WARNING:

Read and observe all safety warnings and all instructions. Please also read the manual for the router being used in conjunction with the jig. Failure to follow all the instructions can lead to electric shock, fire and/or serious injury. Additionally observe any other applicable safety rules. To reduce the risk of injury please read the following safety instructions.

SAVE ALL WARNINGS AND INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.

Users should be familiar with the latest version of HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document as well as The Provision and Use of Work Equipment Regulations 1998 and any subsequent amendments.

PERSONAL/GENERAL SAFETY

1. Do not use any power tool whilst under the influence of drugs, alcohol or medication. Always use common sense when operating a power tool, failure to do so can result in serious personal injury.
2. Always use the correct personal protective equipment and clothing meeting the current UK and EU legislation. A dust mask, safety shoes, hard hat, rubber gloves, correct eye protection and hearing protectors should always be used. Wear a protective hair covering to contain long hair. Loose clothing and jewellery and other such items of clothing should not be worn.
3. Keep hands, hair, clothing, jewellery clear of any moving parts of power tools/cutters/ accessories at all times.
4. Do not use power tools in the rain or in wet conditions.
5. Keep children and other visitors away whilst operating any power tool. Do not let them touch or operate any tools or attachments. You can lose control and injure yourself or bystanders if distracted.
6. When using power tools outside use a suitable outdoor extension cord.
7. If outdoor use of a power tool is unavoidable, use a suitable RCD (residual current device) protected supply.
8. Keep the work area well lit and clean and ensure that there is enough room to work safely.
9. Do not abuse the cord/cable. Power tools or accessories should never be carried, pulled or unplugged by their cord/cable. Keep the cord/cable away from heat, oil, moving parts or sharp edges.
10. Do not use a power tool if the switch does not turn on and off. Get any defective switch repaired by an authorised service agent.
11. When not in use always store power tools in a dry secure area away from children. Do not allow unfamiliar/unqualified users to operate the power tool.
12. Always maintain all your power tools and all accessories used in the operation of your power tools.
13. Before using any power tool always check all power tools, extension leads, RCD units, plugs, accessories and cutters for any damage, binding, obstructions, mounting, breakage and correct alignment thoroughly before use. Failure to do so could result in serious injury. Any damage found should be repaired by an authorised service agent.

14. Only use accessories approved and recommended by the manufacturer.
15. Always check the condition of any cutters before use. Keep cutting tools sharp and clean and properly maintained, this will result in a better and cleaner cut and less likely to bind. Follow any instructions relating to lubrication, sharpening or changing any accessory/cutter.
16. To maintain optimum control and safety always keep both hands on the power tool and/or any attachments. Do not overreach, keep a proper balanced footing at all times to ensure total control of the power tool. Keep both hands away from the cutting area. Always power down the power tool and wait for any cutter/spindle to stop before moving the power tool or making any adjustments.
17. If connection to dust extraction and collection facilities are provided, ensure that these are correctly connected and properly used.
18. Always ensure any cutter/blade has stopped moving. Disconnect the power tool and/or accessory from any power supply/battery when not in use, making any adjustments, changing accessories (e.g. cutters/blades etc.) or servicing. Always ensure the power tool is stored in the off position.
19. Never force the power tool, use the correct power tool and accessories that the job requires.
20. Always use the power tool and any accessories or attachments/jigs in accordance with their instructions taking into account the work to be performed and the working conditions. No power tool or attachment/accessory should be modified or used for anything other than which it was designed.
21. Always use relevant clamps or other practical solutions to support the workpiece safely and securely.
22. Never leave power tool running unattended. Do not move or leave a power tool until it has come to a complete stop.
23. Any accessory or attachment being used should be kept stable and level at all times.
24. Make sure that any adjustment keys or spanners are removed and the tool can turn/operate freely before turning on any power tool.
25. Before connecting any power tool to a power supply/battery ensure that the switch is in the "OFF" position.
26. Always use all guards supplied and check they are in good working order.
27. Before commencing work check that all bolts, screws, fixings and fastenings on any power tool, accessory, attachment, cutter or jig are tight and secure according to the manufacturers specifications. Routinely check if using for a prolonged period.
28. Before commencing any work, check your workpiece is clear of any metal parts. (e.g. nails, screws, staples etc.)
29. Hand held power tools can produce significant levels of vibration. Always refer to the power tools specifications and any relevant Health and Safety guides before use.
30. Always have your power tool regularly serviced by an approved service centre.

ROUTER SAFETY

1. Read and understand all the instructions for your router, attachments and cutters before use.
2. Always hold the router with both hands using the handles. Ensure that the power cord is kept well clear of the cutter and the workpiece at all times to prevent damage or snagging.

3. Make sure that the router cutter is clear of the workpiece before starting the motor.
4. Check that the collet nut is secure to prevent the cutter from slipping.
5. Never touch the cutter straight after use as it's very hot.
6. Do not tighten the collet without a cutter in place.
7. Always use cutters that are sharp and free from damage.
8. Keep both hands on the router and never place them in or around the cutting area or below the workpiece for any reason.
9. Always keep the router base plate firmly in contact with the Scribemaster jig base plate when cutting.
10. Keep the cutting pressure constant, the cutting direction should always be opposite to the routers direction of rotation. Never back-out or climb-out of a cut.
11. At the end of a cut, release the plunge action and allow the cutter to come to a complete stop before moving the router or putting the router down.
12. Always use the recommended diameter of cutters for the router. Never use cutters exceeding the maximum diameter in the technical data.
13. Cutters should be inserted into a collet of the corresponding size of the shank diameter all the way to the line indicated on the shank. If there is no line then 3/4 of the shank length should be held in the collet.
14. Follow the correct fitting instructions in your routers instruction manual for fitting the collet, nut and cutter.
15. Always use the correct cutters in a router, other cutters such as drill or boring bits should never be used.
16. Always disconnect the router from its power source prior to making any adjustments or changing cutters.
17. Keep the router handles and gripping surfaces dry, clean and free from grease and oil.
18. Never exceed the maximum speed marked on the cutter or its instructions.
19. Before commencing a cut, check that there are no obstructions in the path of the router or beneath the workpiece.
20. Do not over tighten the collet nut, this should be hand tightened with the spanner provided by the manufacturer, no extension or extra force should be used.
21. Periodically check the collet and nut. If these are damaged or worn this can cause excessive vibration and cutter damage.
22. If you encounter excessive vibrations whilst using the router, stop the router immediately and check that the cutter is correctly installed into the router. If the vibrations continue take the router to an approved service centre to check the eccentricity of the router and router cutter.
23. When fitting a guide bush care should be taken to ensure that the cutter is correctly centered in the bush. Failure to do so will result in a sub optimum cut.

1 YEAR LIMITED WARRANTY

This limited warranty applies only to this Scribemaster Jig sold either directly or via authorised resellers. Scribemaster guarantees that it is free from defects in materials or workmanship under normal use during the Limited Warranty Period. The Limited Warranty Period starts on the date of purchase of the jig. You must supply your dated sales or delivery receipt, showing the date of purchase of the product. During the Limited Warranty Period, Scribemaster Ltd will, at its discretion, repair or replace any defective component. All component parts removed under this Limited Warranty become the property of Scribemaster Ltd. In the unlikely event that your jig has a recurring failure, Scribemaster Ltd at its sole discretion, may elect to provide a replacement unit of Scribemaster's choosing that is the same or equivalent to your jig in performance or give you a refund of your purchase price instead of a replacement.

This guarantee does not affect the consumer's statutory rights under local law, or the consumer's rights against the dealer arising from their sales/purchase contract.

This guarantee is limited to consumers who have purchased this product in the UK or Eire.

The receipt of the original purchase is your proof of purchase!

This guarantee does not cover normal wear and tear, damage due to misuse, abuse, accidents or non-compliance with the precautions, improper maintenance or product modification.

The guarantee does not cover any damage(s), losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the product.

Jigs purchased second hand are not covered by the (2) year warranty, unless otherwise stipulated by local law.

During the guarantee period, the jig will be either repaired or replaced at any of the Scribemaster authorised dealers or Scribemaster Ltd.

Guarantee with respect to the jig will be limited to the countries where the product has been initially marketed.

Warranty Check List

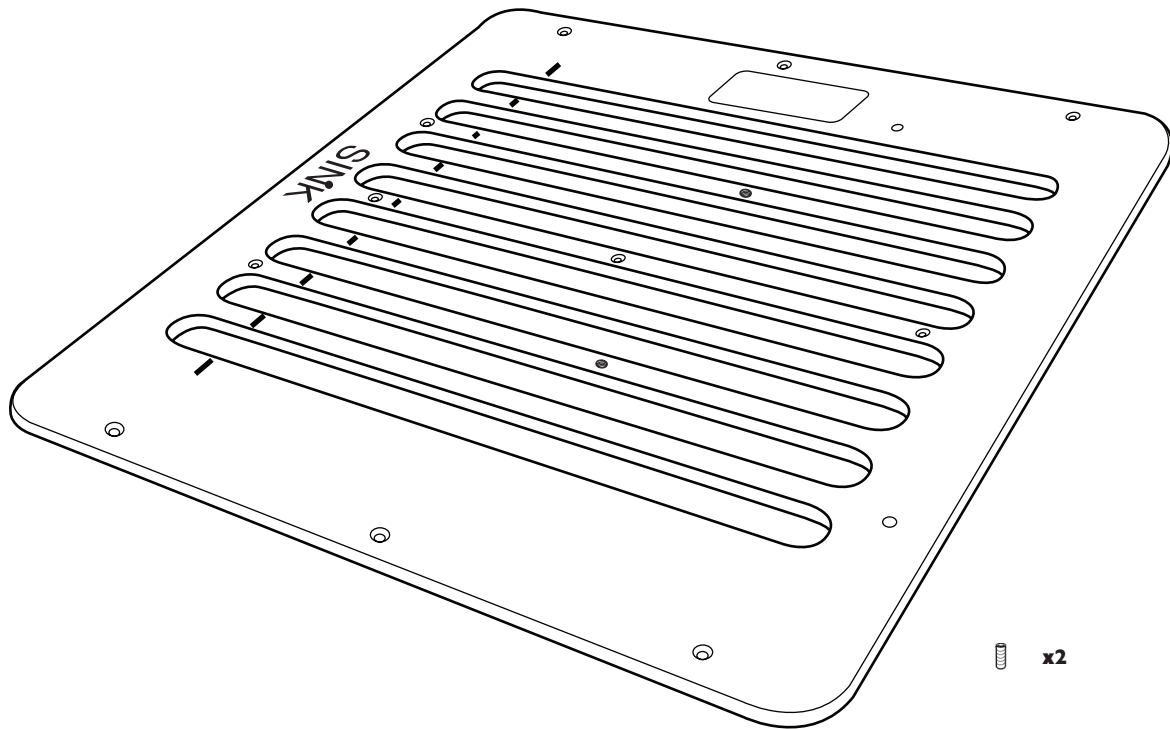
1. Is an original valid proof of purchase available?
2. Is the jig still within the warranty period?
3. Is the jig complete with all it's parts?
4. Has the damage been caused by a defect in materials or workmanship?

You must be able to answer YES to questions 1-4 in order to be able to make a claim.

5. Has the jig been abused or show evidence of excessive wear?
6. Does the jig show evidence of damage caused by external influences?

You must be able to answer NO to questions 5 & 6 in order to be able to make a claim.

BOX CONTENTS



REQUIRED FOR OPERATION

- 1/2" plunge router.
- 30mm guide bush
- Suitable router cutters.
- Trestles x 2.
- Clamps x 3.
- Hand tools.
- Hex Key

SETTING UP

Worktop

- Locate your kitchen worktop on top of the base units and mark out the cut out for your sink as per the sink manufacturers instructions and then cut out the aperture.
- Move the worktop away from the units to gain all round access to enable the jig to be clamped securely.

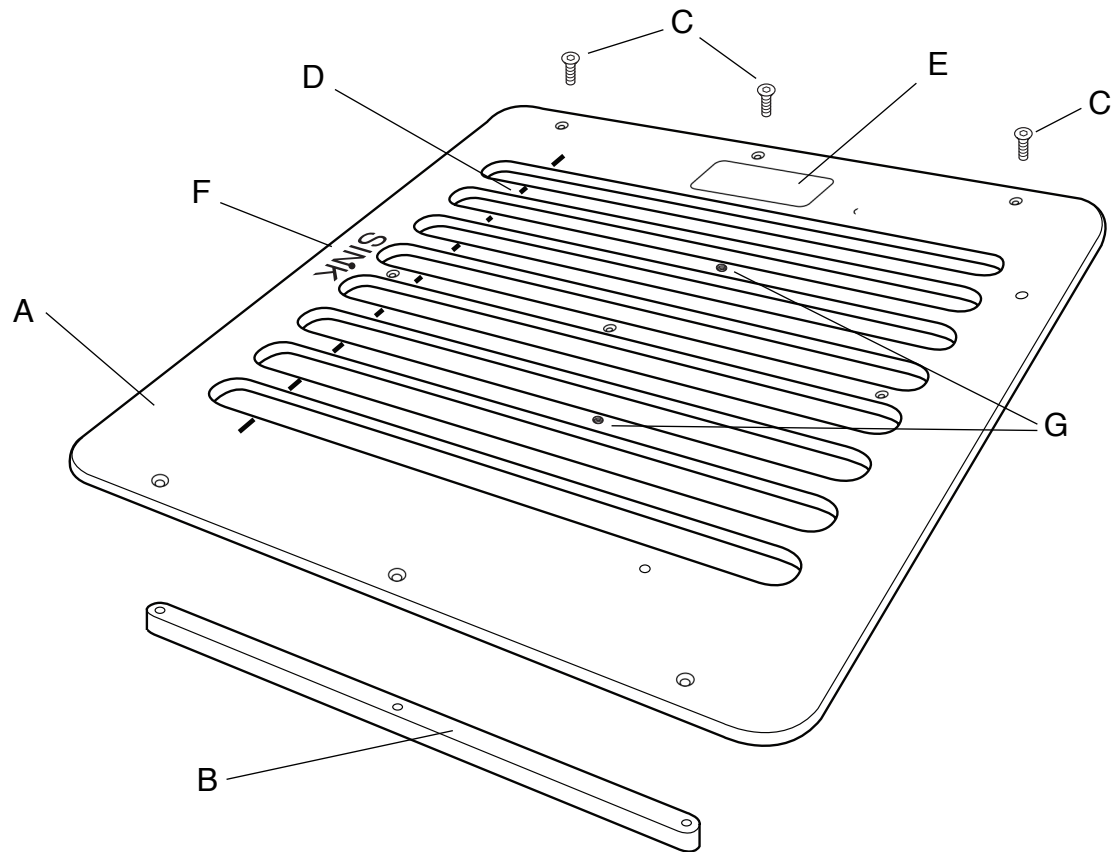
Router

- Ensure the router is unplugged
- Correctly fit and centre your guide bush onto your router
- Fit your router cutter securely to your router making sure that the correct amount of shaft is inside the collet.



- Use trestles to hold the worktop and make sure they are secure and at a comfortable working height.
- Make sure that the worktop is clamped and securely held in place.
- Ensure that the jig is positioned correctly and then securely clamped to the worktop.
- Before making any cuts into the final worktop, make some trial cuts on a waste piece of worktop to check spacing and groove depth is as required.

PARTS LIST

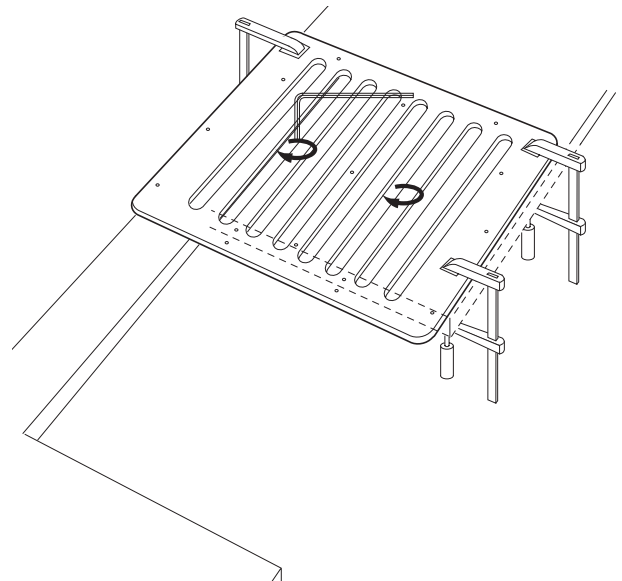
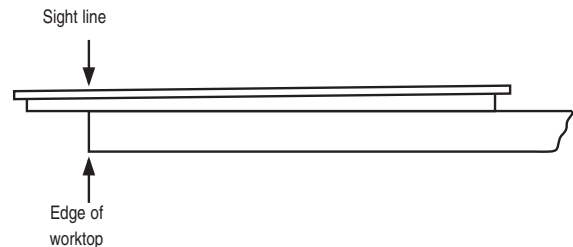
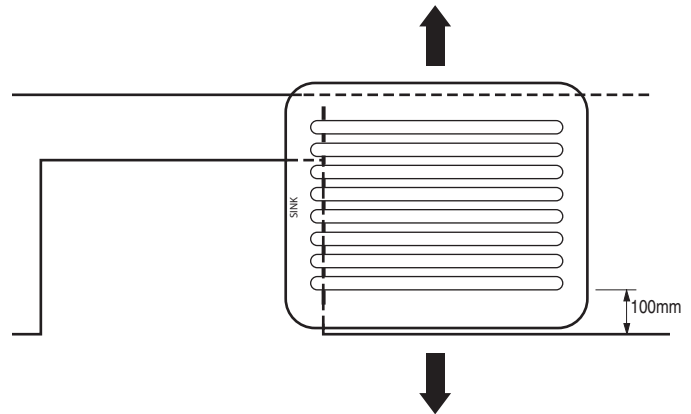


- A. Jig Body
- B. Tapered Rail
- C. Fixing Screw
- D. Sight Mark
- E. Label
- F. Sink Indicator
- G. Anti-Bow Screws

JIG OPERATION

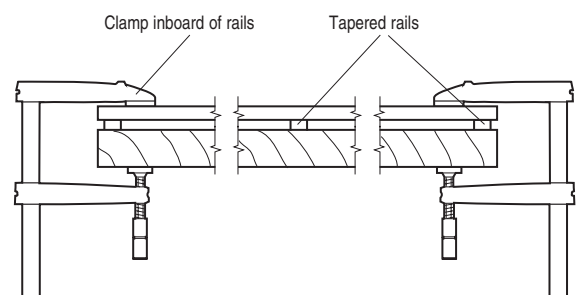
Positioning the Jig onto the Worktop

- Decide which side of the worktop grooves are required and mark appropriately.
- Using the jig as a guide mark the first and last groove position. The centre to centre measurement is 50mm. The nearest edge of the first groove must be a minimum of 100mm from the front edge of the worktop. The grooves should ideally be equidistant to the sink aperture, but the sink size should dictate this.
- Position the jig on the worktop to your marked pencil lines, then using the sight marks on the jig, align the marks with the edge of the worktop. Double check the position. Make sure the whole router cutter will clear the end of the worktop.
- Clamp the jig onto the worktop using 3 clamps, ensure that the clamps will not foul the router base plate and that the clamps are inboard of the rails. Do not clamp at the very edges of the jig.
- Once the jig is clamped adjust the Anti-Bow screws so that they snugly touch the worktop. Do not over tighten as this will raise the jig surface & give an uneven groove.
- The clamps may need to be repositioned for grooves at the very front and back of the jig. If clamping towards the end of the slots, ensure the top of the template does not lift.



Ensure clamps are within guide lines.

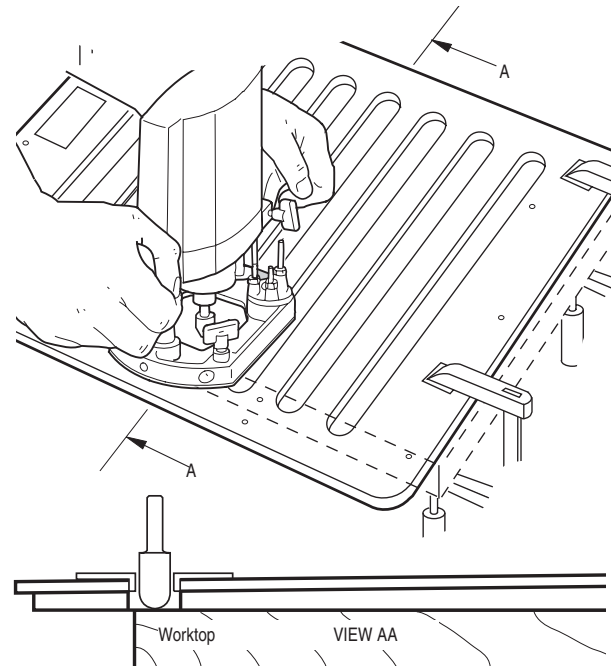
Make sure the router plunge is fully released after completing the each cut.





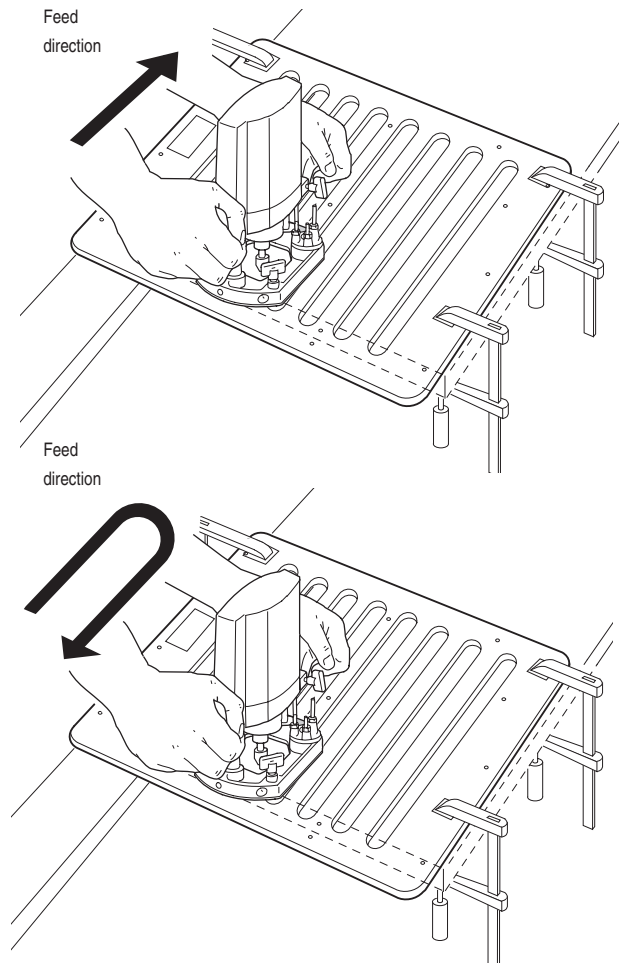
Setting the Depth of Cut

- Set the router with the guide bush fitted into one slot and position the router at the shallow end of the jig.
- Plunge the router down until the cutter is just touching the worktop.
- Set the router depth stop to 4mm
- The worktop will need careful marking out, as the marked lines will set the position of each groove.
- Make sure the jig is correctly centered to give even grooves across the worktop.



Routing The Grooves

- Position your router into the first slot at the sink end.
- Hold the router against the far edge of the slot. (top of the frame)
- Switch on the router and plunge to the depth setting. Rout the groove feeding up the slope away from the sink end using a slow feed. The slot cut into the worktop will get shallower.
- At the end of the cut, move the router against the near edge of the slot and rout back down the slot towards the sink. Each slot is 0.2mm oversized to allow for the return pass. Ensure the router cutter passes out of the worktop at the end of the sink.
- Fully release the plunge and switch off the router.
- Repeat this operation for each slot in the jig assembly as required.
- Before removing the clamps check all slots for the correct length and depth. If any grooves are not perfect, adjust the depth and cut accordingly.



A 0.5mm increase in depth can make a considerable difference in the finished groove



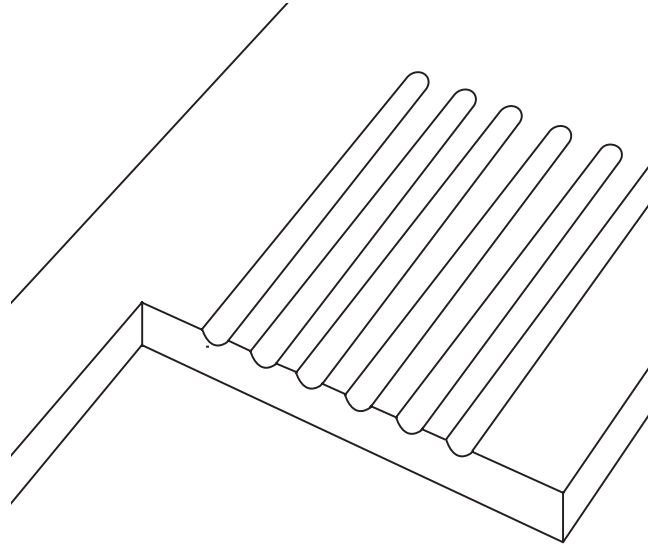
Finishing the Draining Grooves

- When routing is completed, remove any rough edges with a fine grade abrasive paper.
- Finish and seal the worktop if necessary with the appropriate sealer, always follow the worktop manufacturers instructions.

MAINTENANCE

Please use only Scribemaster original spare parts and accessories.

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



Cleaning

- Regularly clean the jig with a soft cloth.

Lubrication

- Your jig requires no additional lubrication.

Storage

- After use, store jig in its packaging or it can be hung on a wall hook.

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 their life should be sorted for environmental friendly recycling.

GUARANTEE

The jig carries a manufacturers guarantee.

TROUBLE SHOOTING

Fault	Cause	Remedy
Groove depth tapers to a point at the shallow end	Cutter depth too shallow. Jig frame has lifted when clamped.	Set depth to approx. 4.5mm. Ensure clamps are positioned properly.
Groove depth vary between slots or slots vary in width along their length .	Jig frame has lifted when clamped. Jig frame not clamped correctly. Too much weight applied to router by user. Anti-Bow screws not adjusted correctly.	Ensure clamps are positioned correctly. Do not lean heavily on the router. Adjust Anti-Bow screws to correct depth.
Groove depth tapers too deep at shallow end.	Cutter depth too deep.	Replace worktop and set depth approximately 4mm.
Taper slot shallow at end has a slight gouge at the end of the cut.	Return pass in slot not carried out. Slot is 0.2mm oversize to allow for return pass.	Rout along inside edge of slot on return pass.
Groove gets deeper away from sink end.	Jig frame fitted wrong way round on worktop.	Replace worktop, check jig orientation and re-cut.
Groove too wide or too narrow	Wrong cutter size or guide bush used.	Use correct size guide bush and cutter as shown in this manual.
Grooves not central to sink, or at an angle.	Jig frame not set correctly to sight centre line and to edge of worktop.	Re-set ensuring jig is central and edge of jig frame is in line with worktop edge.
Groove in worktop is burnt.	Cutter blunt.	Always use sharp cutters.
Jig frame is slipping on material	Clamps not secure or too deep a cut being taken.	Check clamps for wear. Clamp securely. Take shallower passes. Use a sharp cutter.

NOTES



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