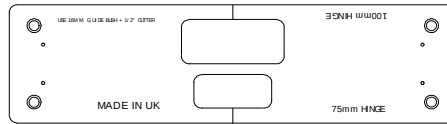


The jig can be used to recess 75mm and 100mm hinges in doors and door frames. The recess will be 20mm for a 75mm hinge and 30mm for 100mm hinge.



The jig will recess hinges by a minimum distance of 230mm (in accordance with BS EN 1935) from the top and bottom edge of the door. However, door manufacturers' instructions should be consulted before hinge heights are set.

CONTENTS

Jig plate (120mmx450mm)

4 x Aligning pegs

Corner chisel

2 x fixing bradawls

OTHER EQUIPMENT NEEDED

Light Duty Router (900-1000 W)

16mm Guide bush

12.7mm (1/2") straight Cutter

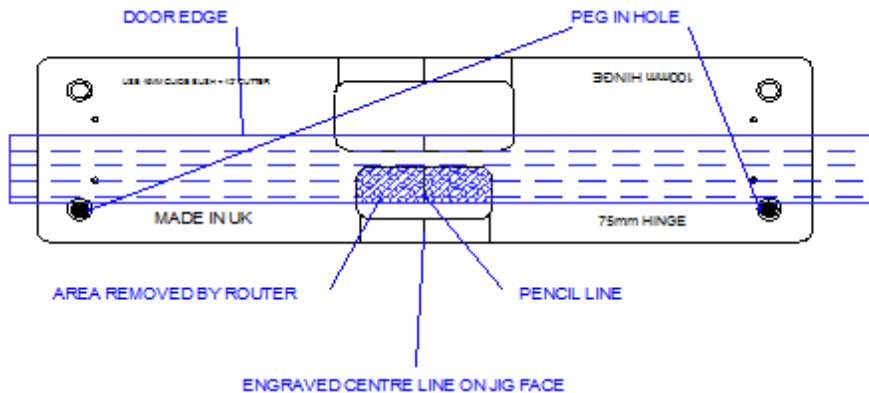
SAFETY FIRST

- 1. Make sure all cables are clear of the router.**
- 2. Make sure the door is correctly supported.**
- 3. Always use protective goggles when using the router.**
- 4. Do not switch router on with blade touching the work.**
- 5. Never remove the router when it is switched on and moving.**
- 6. Make sure there are no obstructions to the path of the router.**
- 7. READ INSTRUCTIONS CAREFULLY BEFORE STARTING THE WORK.**

THE DOOR

Using a pencil, mark the edge of the door to be routed at the centre point where you want the hinge to sit with a horizontal line. Repeat this process for further hinges down the length of the door. Select the 75mm or 100 mm side of the jig. The figure shows the 75 mm side being used. Place the jig on the edge of the door such that the peg holes are at the opening face of the door and the centre engraved line matches up with the pencil line on the door edge.

Push the pegs into the holes from the top face of the jig and align the pegs to the face of the door.



Clamp the jig in position or hold the jig in place by fixing with bradawls through the bradawl holes in the jig. Set the router to cut slightly deeper than the thickness of the hinge and starting in a corner, plunge the cutter to depth and route out the recess in a clockwise direction. Square off the corners with the corner chisel. Once routing is complete slide the jig down the door to the next pencil line, fix in place and repeat routing process. Repeat for any other hinge recesses needed.

THE FRAME

Starting from the top of the frame, mark the distances of the hinge centres on the door, adding on 3mm to each one to allow for the clearance at the top of the door. For example, if the top hinge has a centre of 250mm from the top of the door then mark the frame at 253mm from the top of the frame. Repeat this for the remaining hinges always working from the top of the door and frame. With a pencil, mark horizontal lines through the measurements on the frame. Leaving the pegs in the same holes rotate the jig through 180 degrees (keeping the jig face up), allowing the jig to be offered to the side of the frame to be recessed. Place the jig on the doorframe with the pegs against the vertical edge of the frame to which the hinge will be fitted. Again line up the horizontal marks on the door frame with the centre engraving on the jig. Clamp the jig in position or hold the jig in place by fixing with bradawls through the bradawl holes in the jig. Route out recess for the hinge plate as above. Square off the corners with the corner chisel.

