



Instructions

Aperture Jig

Technical Support Helpline - 0191 2597876

www.worktopjigs.com

UNIKA COLOR PRODUCTS LTD

Unika House, New York Way, New York Industrial Park,
Newcastle upon Tyne, U.K. NE27 0QF

Telephone: +44 (0) 191 259 0033

Fax: +44 (0) 191 257 4525

Email: sales@unika.co.uk www.unika.co.uk



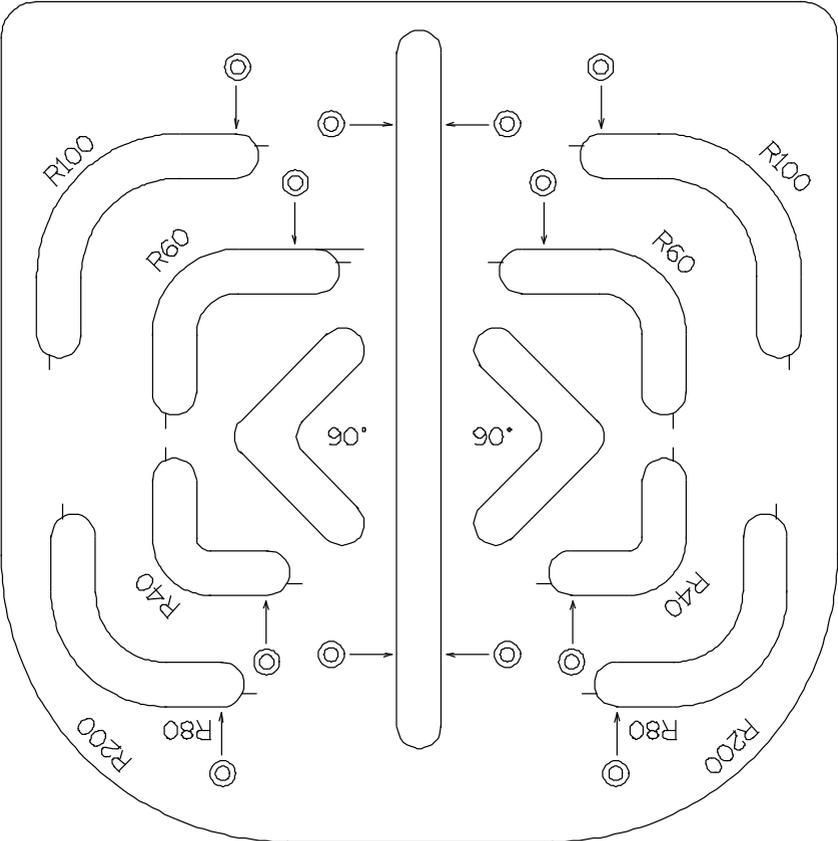
The mark of responsible forestry



Designed to rout internal apertures for sinks & hobs of most shapes and sizes.

Includes:

- Left and Right hand radius curves at 100, 80, 60 & 40mm
- Left and Right hand 90° Angles
- 200mm Radius External Curve



Will also need:

- Hand Router
- 30mm Router Guide Bush
- Tungsten Carbide Router Cutter – 12.7mm Dia x 50mm (½“ Dia x 2“)

SINK AND HOB APERTURE JIG

- The Sink & Hob Aperture Jig will enable you to easily, quickly and neatly, rout recesses and apertures in worktops to take many types of sinks and most hobs.
- The jig features four sets of radius curves, left and right hand, at 100, 80, 60 & 40mm radii. It also features a 90°angle, left and right hand, and a central slot that will enable you to cut straight cuts up to 480mm long.
- In addition, each set of radius curves is paired with a set of peg holes that will set the jig at 50mm from the edge of the worktop if desired.

PLEASE NOTE:

This jig is designed to cut internal curves and cuts for internal apertures only.

Though it may be possible to rout external curves with this jig please note that the user does so at their own risk as this jig has not been designed for this function.

BEFORE STARTING.....

ALWAYS

- Make sure the worktop is secured firmly to the bench or trestle.
- Ensure that the jig is firmly secured to the worktop.
- There are no obstructions in the path of the router e.g. clamps or bench.
- Use good quality tungsten router bits
- Wear eye protection when cutting
- Keep the router vertical to the jig and laminate.

NEVER

- Exceed 10mm depth of cut in one pass
- Remove the router from the jig or position the router whilst cutter is still rotating. The cutter may cut into the jig and damage the bush location faces. (Returns will not be accepted if this has occurred).

MEASURING, MARKING OUT & CUTTING

Most sink and hob manufacturers installation instructions will give you the dimensions of the recess or aperture that need to be cut to fit their particular appliance.

Measure and mark out these dimensions in the chosen position on your worktop.

For a hob only, if the manufacturers specifications are not available, place the hob onto the worktop and draw around it (Figure 1 line). Next draw a line but off set inside your original line by 10 – 15mm (Figure 1 line - - - -). This method can also be used for sinks that are of the less sophisticated design type.

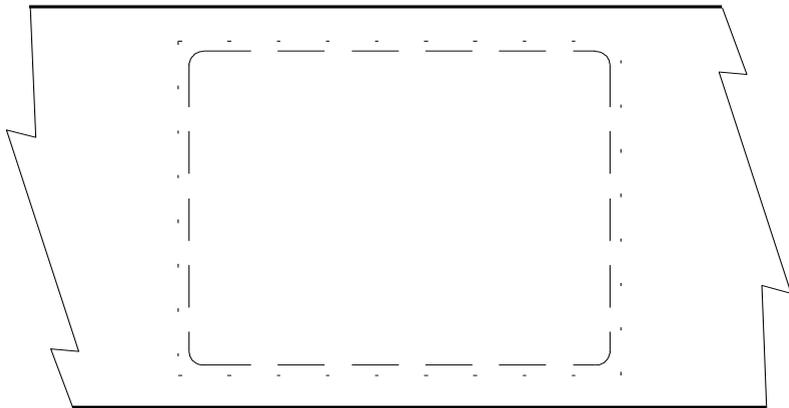


Figure 1.

1. Once the worktop has been marked out, decide which type of corner you want to rout, there are five options: 90° angle and four radius curves, 100, 80, 60 & 40mm, simply use the nearest match.

2. Place the jig over the first corner you want to rout. Line up your marked line with the lines either side of the chosen radius curve on the jig.

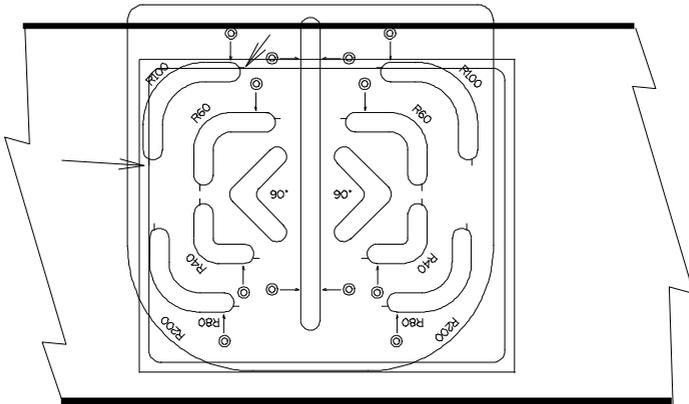


Figure 2.

3. Clamp the jig to the worktop firmly. Position the clamps so that they will not interfere with the path of the router.
4. Route the curve making passes with the router, ensuring that the cutter is set no deeper than 10mm for each pass.
5. Make a finishing cut by setting the cutter to the full depth of the worktop. Push the router against the outside of the curve for the entire length of the finishing cut, this will ensure a tidy cut.
6. Each radius curve is one of a pair of left and right hand curves.
7. Reposition the jig for each cut then follow steps 3 – 5 for cutting.

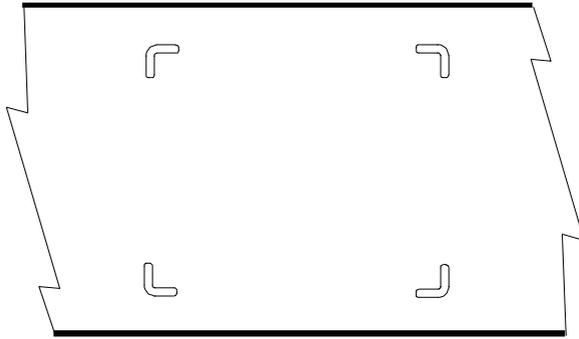


Figure 3.

8. When each corner has been routed simply reposition the jig and, using the central slot, cut the straight cuts.

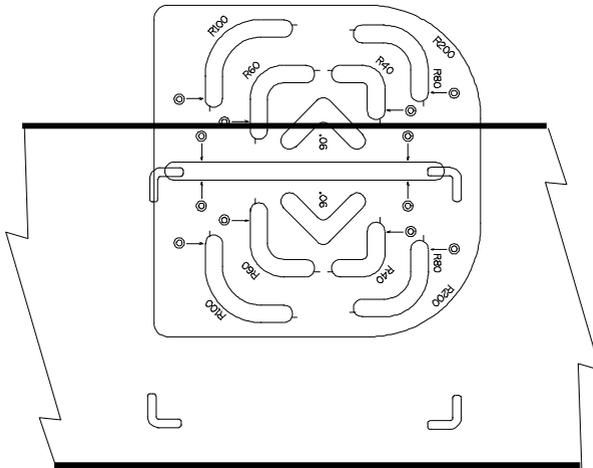


Figure 4.

9. Clamp the jig to the worktop firmly. Position the clamps so that they will not interfere with the path of the router.

10. Route the slot between the curves making passes with the router, ensuring that the cutter is set no deeper than 10mm for each pass.
11. Make a finishing cut by setting the cutter to the full depth of the worktop. Push the router against the outside of the slot for the entire length of the finishing cut, this will ensure a tidy cut.