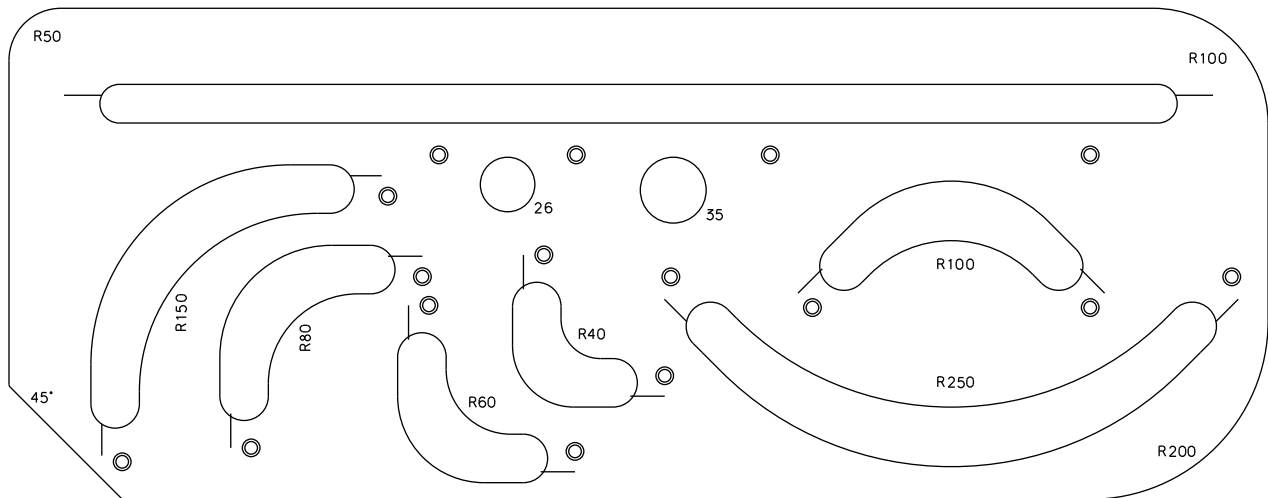


INSTRUCTIONS FOR CURVED WORKTOP RADIUS JIG



Please read these following points carefully before cutting:

1. Before using the jig we recommend you practice on a few off-cuts to familiarize yourself with this jig
2. Other equipment required to use this jig:
 - Hand router with 12.7mm (1/2") collet capacity
 - A 30mm guide bush
 - Good quality tungsten carbide cutter 12.7mm x 50mm (1/2" x 2")
 - One pair of G-clamps
3. Safety First:
 - Always wear protective goggles when cutting.
 - Make the path of the router clear of any obstacles
 - Make sure the cable of the router is clear of the jig.
 - The jig should be properly clamped to the worktop and supported properly on a bench or trestle.
4. When cutting:
 - Always work from left to right with no cuts deeper than 10 –12mm.
 - Never withdraw the router from the jig whilst the cutter is in motion.

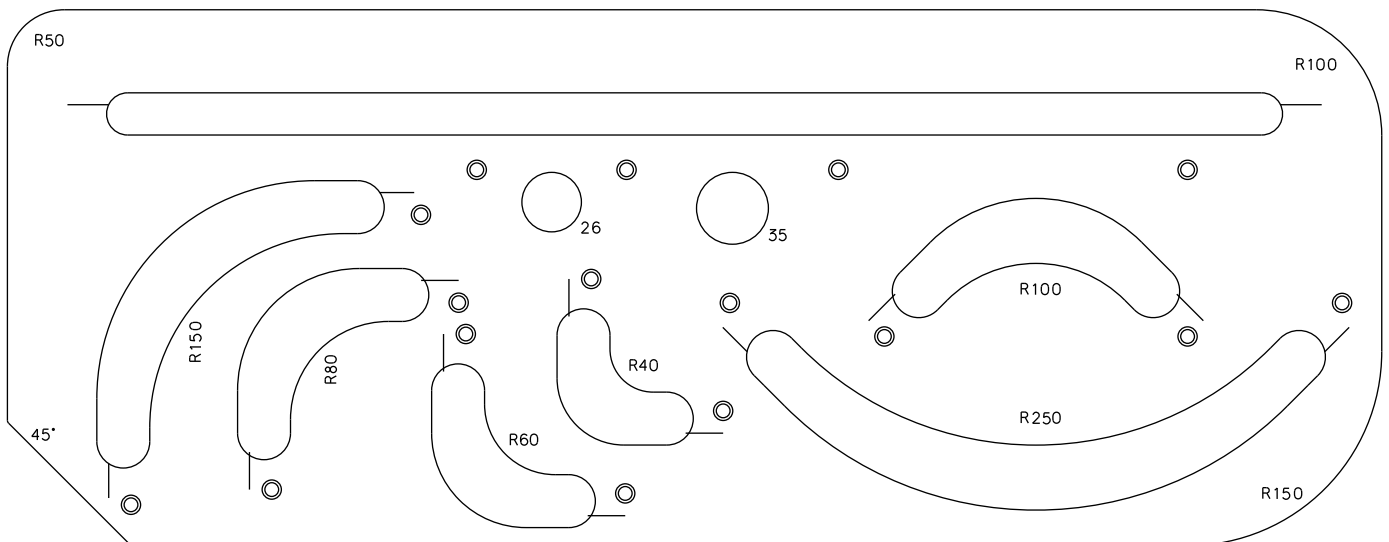
FEATURES

The Curved Worktop Radius Jig is designed to rout a variety of different radii for curved worktops.

The jig also has the feature of being able to cut both internal and external radii with the use of either pins or an engraved marker.

Routing apertures include:

- Radius curves at 250,150mm,100mm, 80mm, 60mm and 40mm.
- 45 degree cutting angle.
- Straight edge up to 820mm long.
- 35mm and 26mm cabinet door hinge recesses.



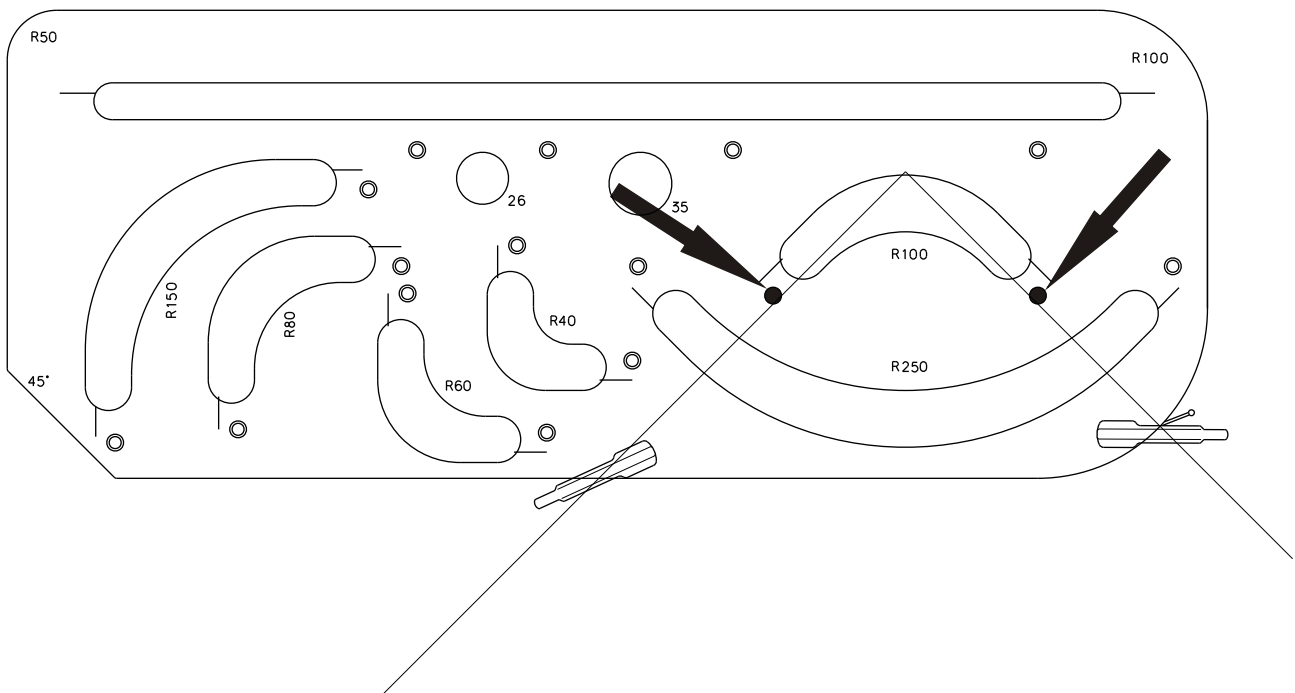
ROUTING AN EXTERNAL RADIUS INTO THE WORKTOP

NOTE: THE PIN LOCATIONS SHOULD ONLY BE USED FOR PRODUCING EXTERNAL RADII

Choose which radius you prefer and place two locations pins in the appropriate holes.

Once positioned clamp the jig firmly in place.

Set the cutter at around 10mm per pass and rout out the radius making sure you either pull or push the router towards the edge with the corresponding holes opposite to the engraved lines.



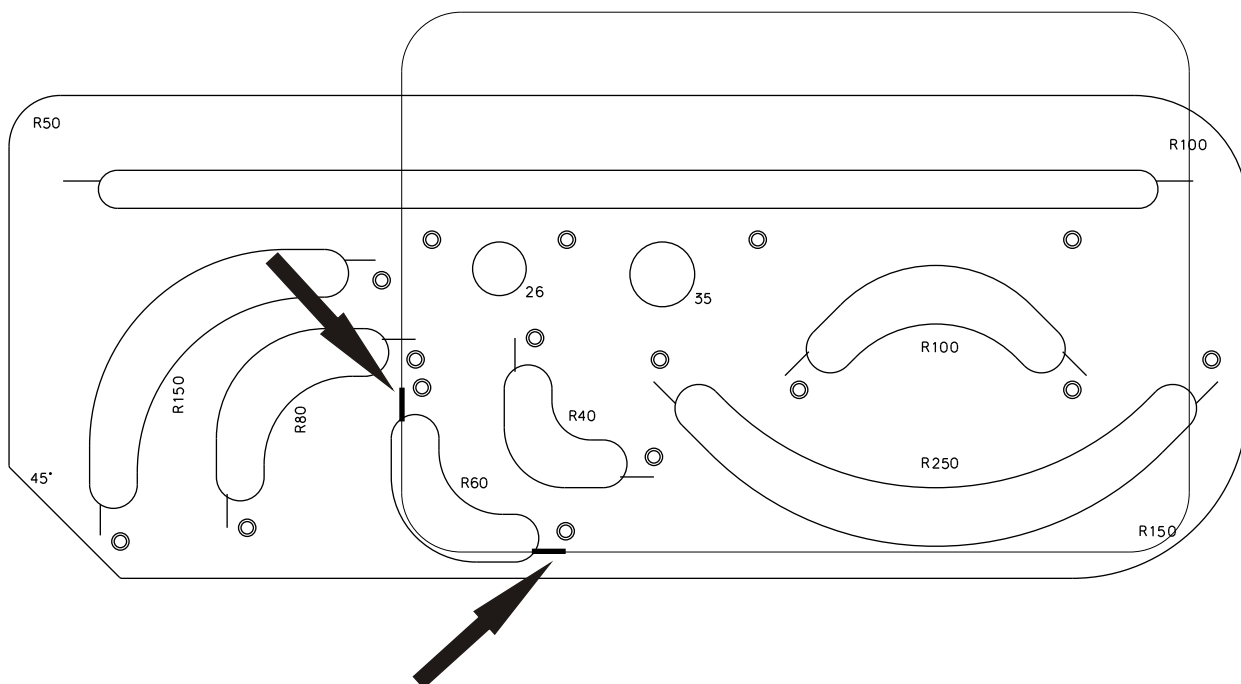
ROUTING AN INTERNAL RADIUS

NOTE: THE ENGRAVED LINES SHOULD ONLY BE USED FOR PRODUCING INTERNAL RADII

Using the engraved lines on the radius jig, position the jig so that the lines correspond to edges that you wish to rout.

Once positioned clamp the jig firmly in place.

Set the cutter at around 10mm per pass and rout out the radius making sure you either pull or push the router towards the edge with the corresponding lines opposite to the holes.



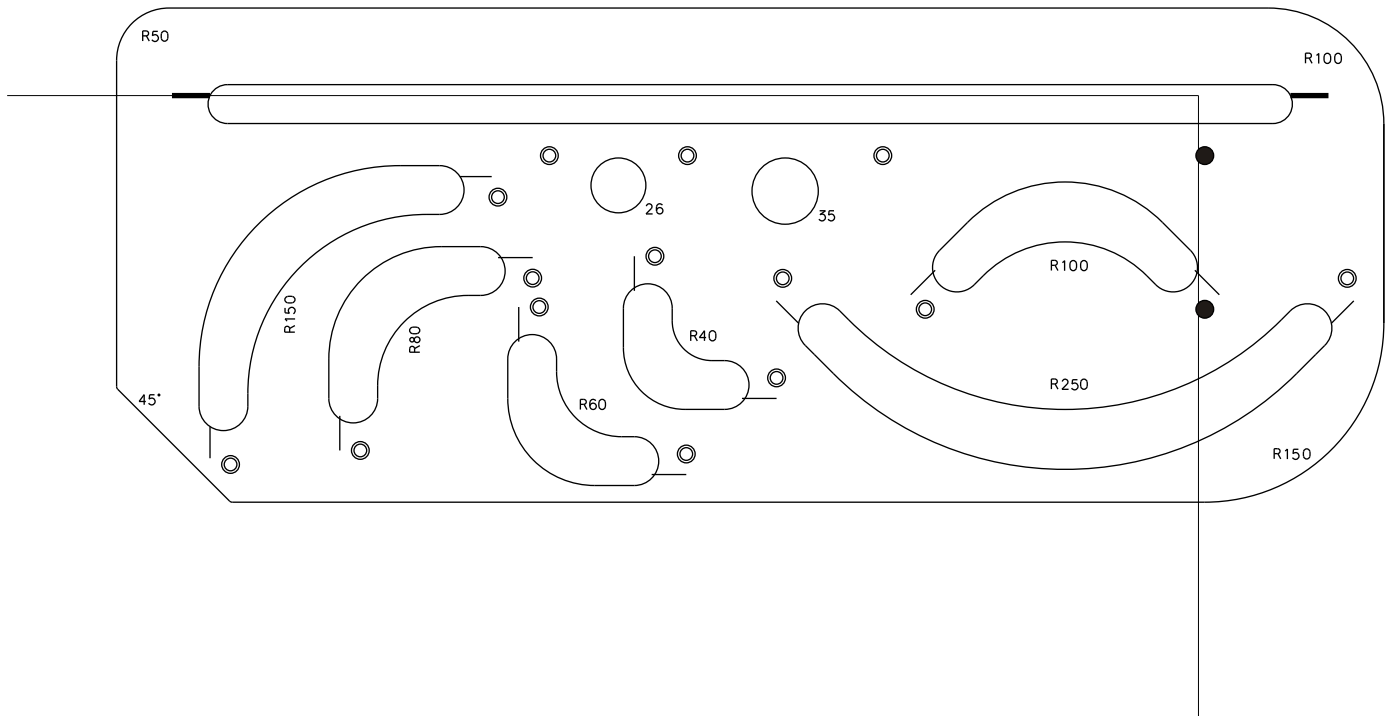
ROUTING A STRAIGHT CUT

This feature allows you to produce a straight cut which will be square to one edge of your worktop by using the pin holes which have been highlighted.

Mark on the worktop your required length and align that with the engraved lines on the slot.

Once positioned clamp the jig firmly in place.

Set the cutter at around 10mm per pass and rout out the cut.



EXTRA FEATURES

CUTTING CABINET DOOR HINGE RECESSES

1. Mark the position of the hinge on the door. The centre of the holes should be roughly 100mm from the top of the door to give the required support, ensure this measurement is as accurate as possible.
2. Position 2 pins in the holes marked in the diagram .
3. Position the jig as shown in the diagram with the 2 pins pushed up against the edge of the door.
4. Secure the jig with G-clamps.
5. Set the depth for 10mm.
6. Commence cutting of the recess making sure to clean out the material in the centre of the hole as well as round the edge.
7. Repeat step 5, increasing the cut by 2mm, therefore setting the total depth for 12mm. (This should be enough clearance for most hinges. Adjust this value if you require holes for thicker hinge heads).

