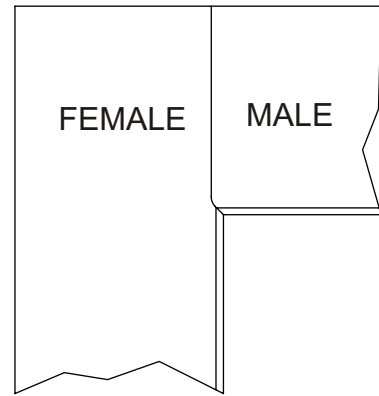
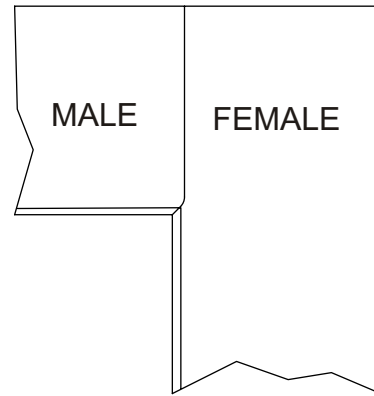


# TYPES OF JOINTS

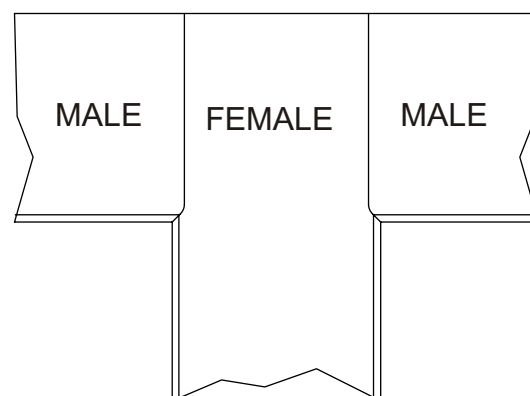
## LEFT HAND 90° JOINT



## RIGHT HAND 90° JOINT

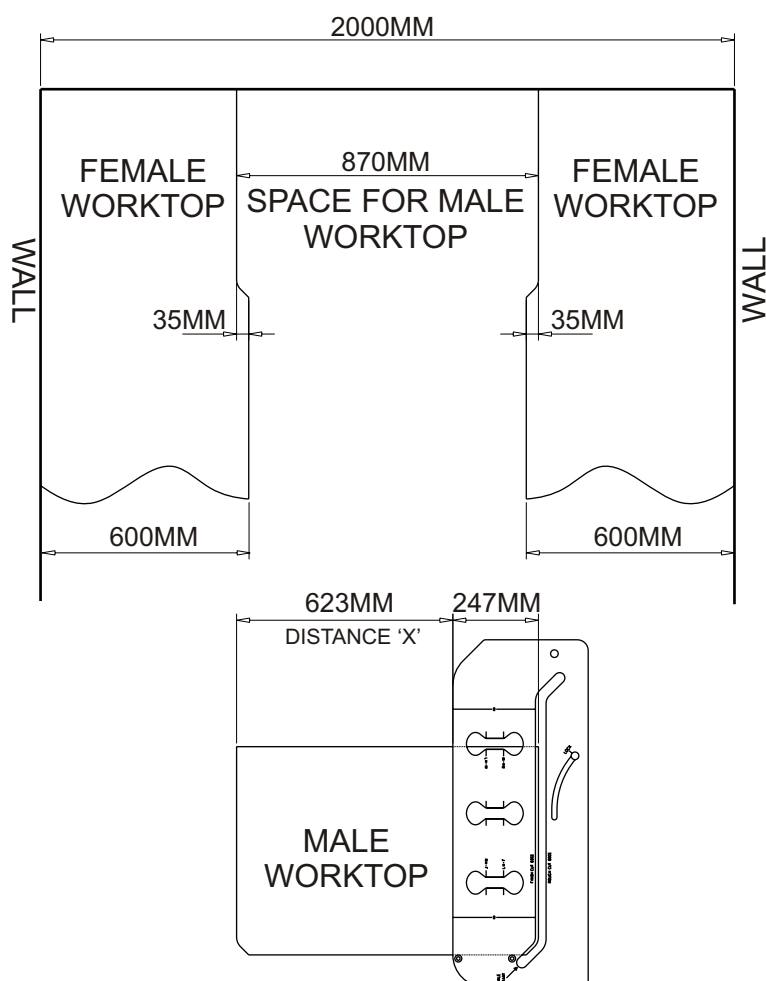


## PENINSULAR JOINT



# CUTTING THE MALE TO SIZE

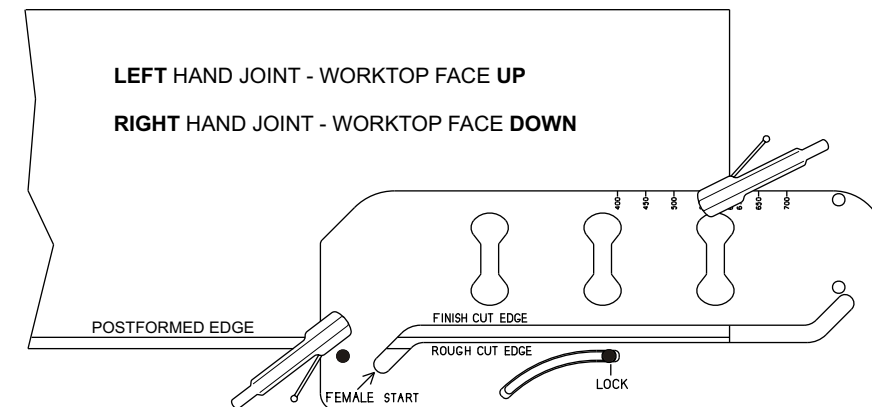
THE FOLLOWING WILL DESCRIBE HOW TO CUT THE MALE TO THE CORRECT LENGTH BY EXAMPLE.



1. For a normal left or right hand joint (see diagrams above), cut the female and male joints, and square cut the male worktop to its correct length afterwards.
2. For a joint shown left, the space for the male worktop is restricted and needs a joint cut on both ends.
3. In this example the worktop being used is 600mm wide.
4. The space between the 2 walls is restricted to 2000mm (2M).
5. Firstly, cut the 2 female worktops and place them in their intended position (as shown in the diagram left)
6. Measure the length needed for the male worktop. In this case a male worktop length of 870mm is needed.
7. Refer now to the bottom left diagram. Cut a male joint on one side of the male worktop (left hand side of the worktop is cut in the diagram)
8. Position the worktop jig on the other side of the male worktop (right hand side in the diagram). In this case the distance between the end of the male worktop and the base of the jig (DISTANCE 'X') has to be 623mm to achieve the final 870mm length male worktop.
9. DISTANCE 'X' + 247mm has to equal the intended length of male worktop. e.g. 623+247 = 870mm.

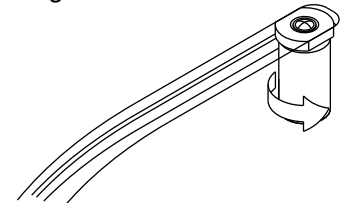
# FEMALE 90° JOINTS

1. Place the worktop face **up** and postformed edge towards you for a **left** hand joint  
Place the worktop face **down** and postformed edge towards you for a **right** hand joint.
2. Slide the pin towards the lock position and lock tight.
3. Make sure the two pins are pushed against the front postformed edge of the worktop.
4. Depending on your worktop width, line up the dimension markings with the edge of the worktop (400, 500, 600 etc).
5. Secure the jig with G-clamps.



## DETAIL OF THE PIN LOCK

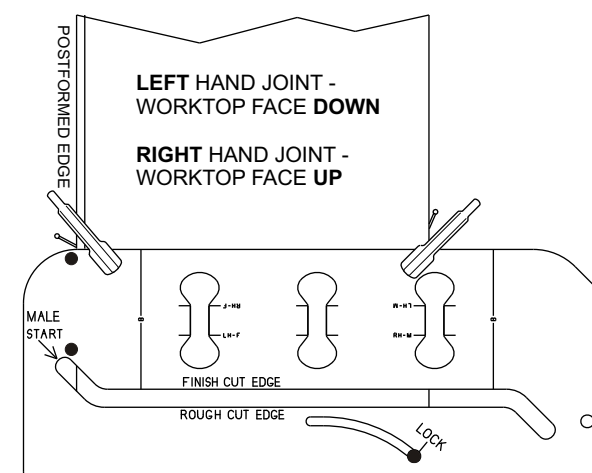
Make sure the pin is positioned in the lock position. Secure the pin by turning.



## Cutting instructions

1. Set the depth of cut for 10-12mm for your first roughing cut.
2. Position the router on the left hand side of the slot where it says 'FEMALE START' and start cutting by **pulling** the router towards the edge of the slot closest to you (where it says 'ROUGH CUT EDGE').
3. Increase the depth of cut and repeat step 2 until the roughing cut is completed.
4. For the finish cut, position the router on the left hand side of the slot (with the router set for the full depth of cut) and cut by **pushing** the router towards the edge of the slot furthest away from you (where it says 'FINISH CUT EDGE').

# MALE 90° JOINTS

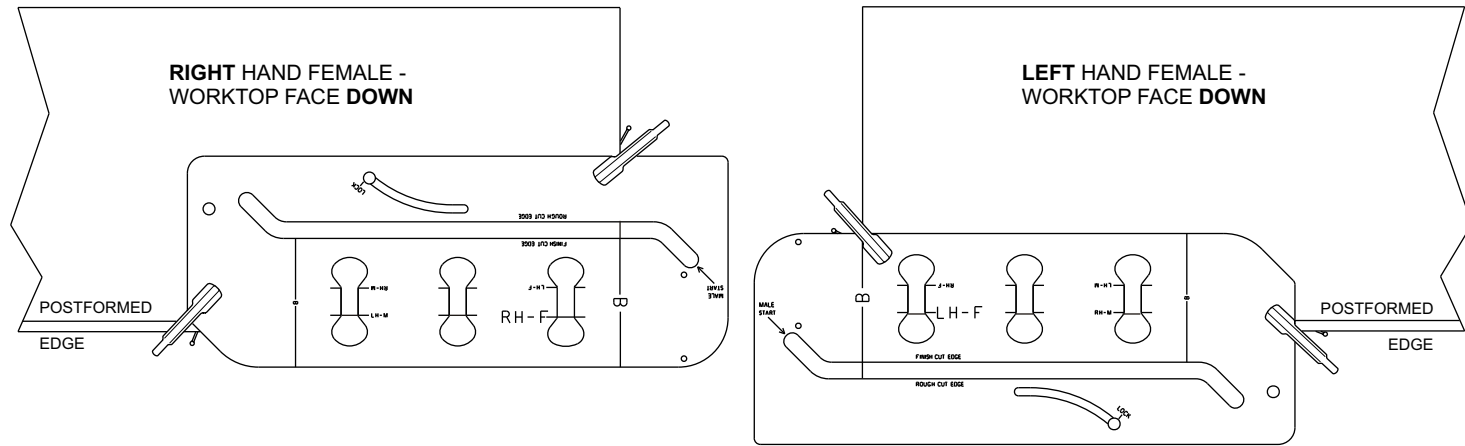


1. Place the worktop face **down** and postformed edge towards the left for a **left** hand joint.  
Place the worktop face **up** and postformed edge towards the left for a **right** hand joint.
2. Slide the pin towards the lock position and lock tight.
3. Position the worktop jig as shown in the left diagram.
4. Make sure the two pins on the left side of the worktop jig is against the postformed edge of the worktop.
5. Secure the jig with G-clamps.

## Cutting instructions

1. Set the depth of cut for 10-12mm for your first roughing cut.
2. Position the router on the left hand side of the slot where it says 'MALE START' and start cutting by **pulling** the router towards the edge of the slot closest to you (where it says 'ROUGH CUT EDGE').
3. Increase the depth of cut and repeat step 2 until the roughing cut is completed.
4. For the finish cut, position the router on the left hand side of the slot (with the router set for the full depth of cut) and cut by **pushing** the router towards the edge of the slot furthest away from you (where it says 'FINISH CUT EDGE').

## FEMALE CONNECTING BOLTS



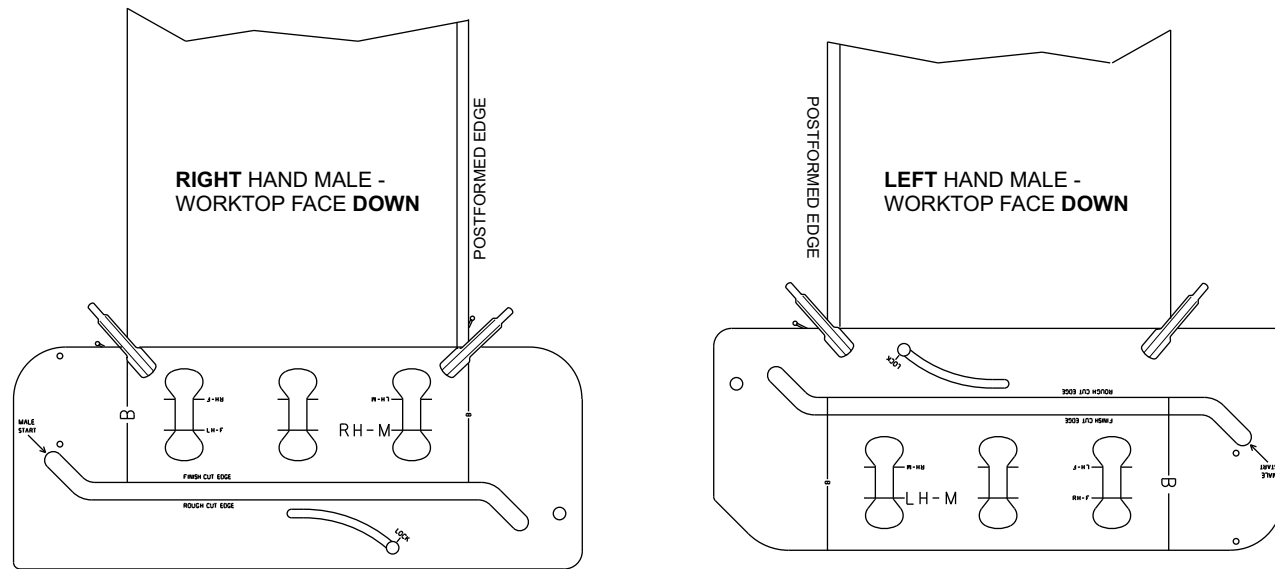
**RIGHT HAND** - Line up the **RH-F** scribe line with the female cut of the worktop, and the right hand scribe line (marked **B**) with the right hand edge of the worktop.

**LEFT HAND** - Line up the **LH-F** scribe line with the female cut of the worktop, and the left hand scribe line (marked **B**) with the left hand edge of the worktop.

**CUTTING** - Secure the jig with G-clamps  
Two cuts of 10mm are required for the slots.  
Repeat the cut for all the slots.

**CUTTING** - Secure the jig with G-clamps  
Two cuts of 10mm are required for the slots.  
Repeat the cut for all the slots.

## MALE CONNECTING BOLTS



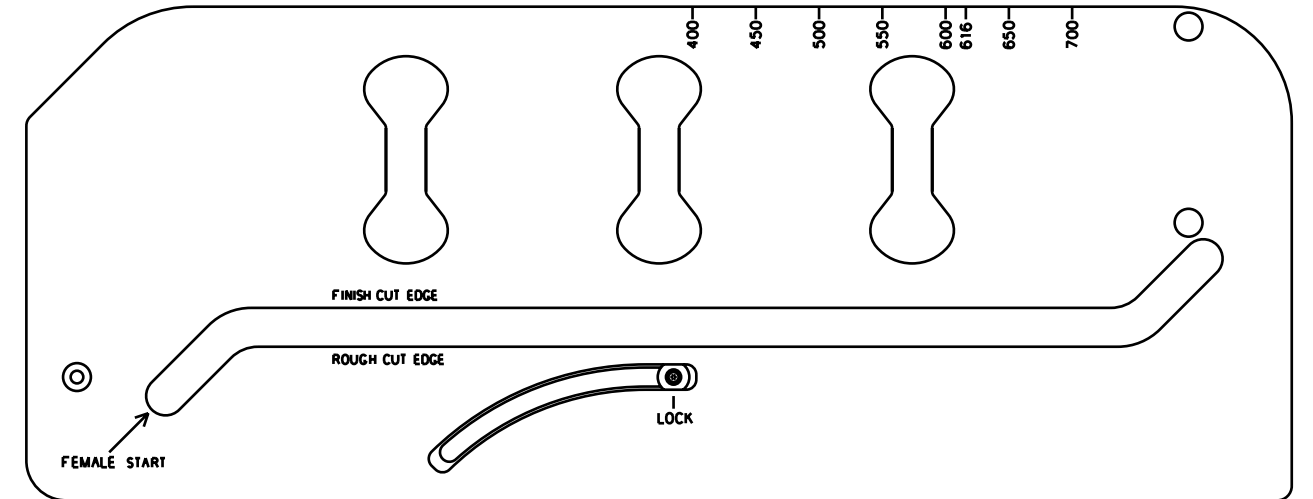
**RIGHT HAND** - Place the worktop face down with the postformed edge on the right.  
Line up the **RH-M** scribe line with the bottom edge male cut of the worktop, and the left hand scribe line (marked **B**) with the back edge of the worktop..

**LEFT HAND** - Place the worktop face down with the postformed edge on the left.  
Line up the **LH-M** scribe line with the bottom edge male cut of the worktop, and the right hand scribe line (marked **B**) with back edge of the worktop.

**CUTTING** - Secure the jig with G-clamps  
Two cuts of 10mm are required for the slots.  
Repeat the cut for all the slots.

**CUTTING** - Secure the jig with G-clamps  
Two cuts of 10mm are required for the slots.  
Repeat the cut for all the slots.

## INSTRUCTIONS FOR THE HIRE WORKTOP JIG



### Please read these following points carefully before cutting:

- Before using the jig we recommend you practice a few joints with off-cuts of worktops or other materials to familiarize yourself with the jig.
- 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
- 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.
- 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.