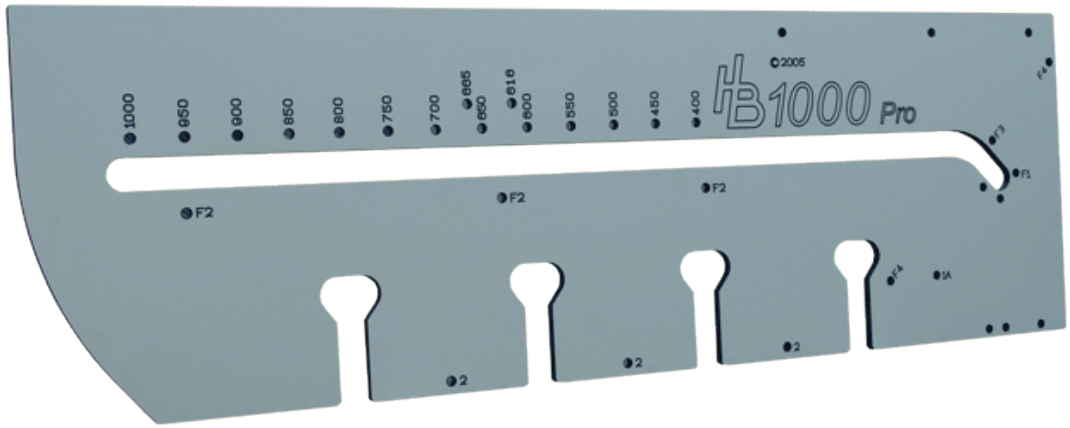
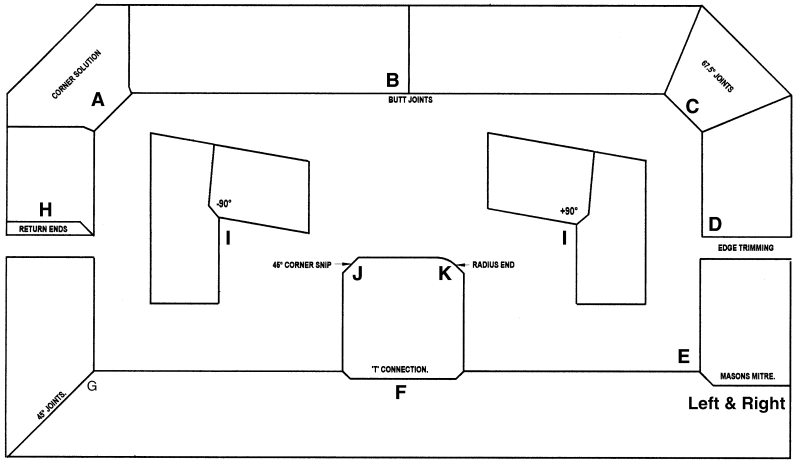
TOP-FORM 1000-Pro & 1000-Contract, Worktop Jig Instructions.
For A Perfect Worktop Joint In Minutes.





Additional equipment required to successfully use this jig.

1) ***A ½" heavy-duty hand router fitted with a 30mm template guide.***
2) ***A tungsten carbide tipped router bit 12.7mm x 50mm (½" x 2").***
3) ***Two padded G-clamps.***
4) ***150mm curved bracket connecting bolts.***
5) ***Kolor-Bond worktop joint sealant.***

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Possible connections:

- ***Left and right hand mason mitres.***
- ***Diagonal corner solutions.***
- ***Straight 45° Joints.***
- ***Straight 67.5°Joints.***
- ***Straight Butt joints.***
- ***"T" Connection.***
- ***Peninsular ends, Radius & 45°***
- ***Cuts worktops up to 1000mm deep.***
- ***Four open ended bolt slots for quick & easy machining.***
- ***Non wear profile prolongs life.***
- ***Precision 20mm, wobble free location pins for accurate alignment.***
- ***Durable anti friction surface.***
- ***Guaranteed Accuracy.***
- ***Lightweight.***
- ***Simple to use.***
- ****Made from Tough high -pressure compact laminate***

* Contract version is not made from this material.

GENERAL GUIDELINES

PREPARATION:

1) Ensure that the work area is clear and free of any obstacles.

2) Make sure that the worktop you are about to cut is supported sufficiently.

3) Check your router cutter is inserted properly into the machine; also check it for wear. Do not use blunt cutters.

4) Check the diameter of the router cutter; it must be exactly 12.7mm (1/2”). No other size can be used.

5) Check the diameter of the template guide fitted to the base plate of the router. It must be 30mm. No other size can be used. Check it is properly secured.

6) Check that the cutter is exactly concentric with the template guide (central to each other). A ¼ mm offset will result in a ½ mm error, and a 1mm offset will result with a 2mm error in the finished joint & so on. If in any doubt contact your nearest tool dealer as you may need a centralizing sub-base fitted to your router.

7) In every case and with no exceptions, male & female cuts on the left-hand end of the worktop are always made with the worktop placed face down on the bench. Male & female cuts made on the right hand end of the worktop are always made with the worktop placed face up on the bench.

8) Place the location pegs into the template holes for the particular cut you are making, as indicated on drawings. The pegs are a tapered fit, twist down by hand until tight. Under no circumstances use a hammer to knock them in, risk of breakage! Turn the jig over and position it as shown with the pegs resting firmly against the worktop. When removing the pegs, twist out.

9) Make sure that the template is securely clamped to the worktop and the clamps do not foul the path of the router

MACHINING:

1) Use the 30mm template guide fitted to the base plate of the router to guide the machine along the centre slot of the template. Please note the centre slot is two sided. Pressure should be applied away from you.

2) Feed the router from left to right and into the front edge of the worktop, at a cutting depth of 10-12mm each time until all the material is removed.

3) Do not attempt to force the router through the work piece. Change the cutter if necessary.

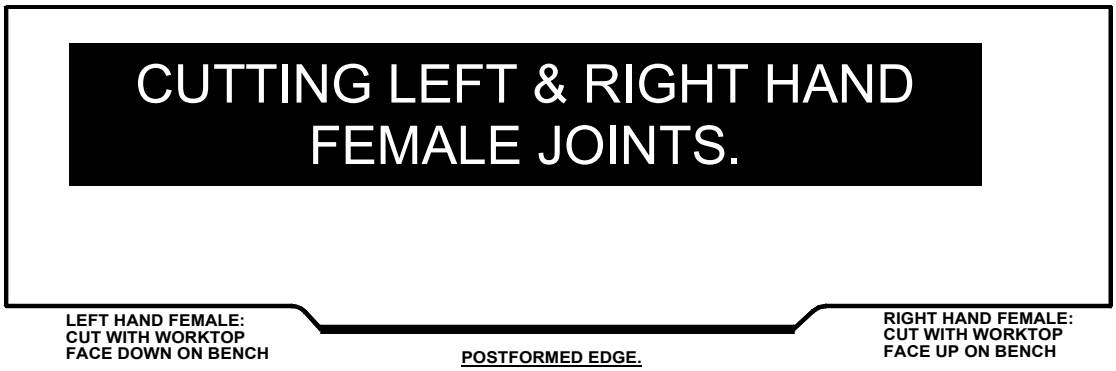
4) While machining, keep the feedrate steady, keep the router horizontal to the work piece, do not stop or tilt the router

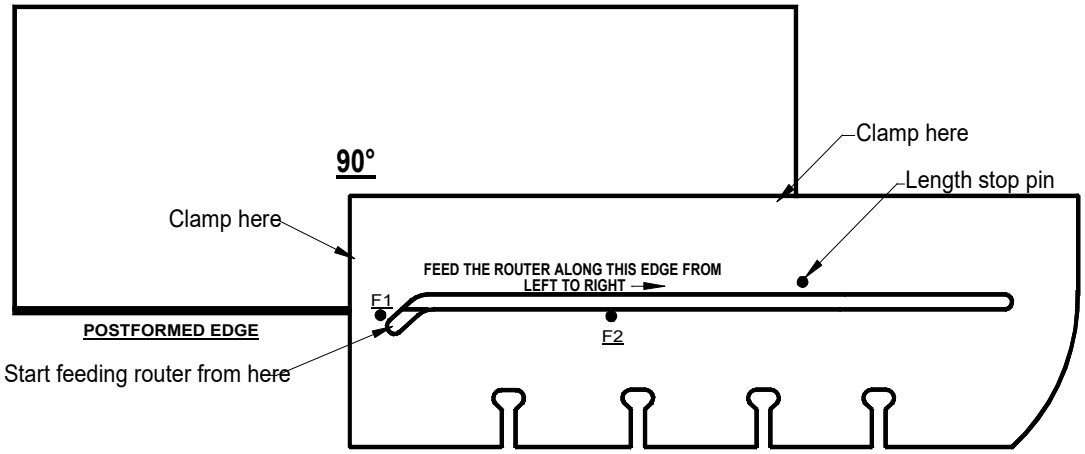
5) Never withdraw the cutter from the template whilst still rotating. Wait until it has completely stopped.

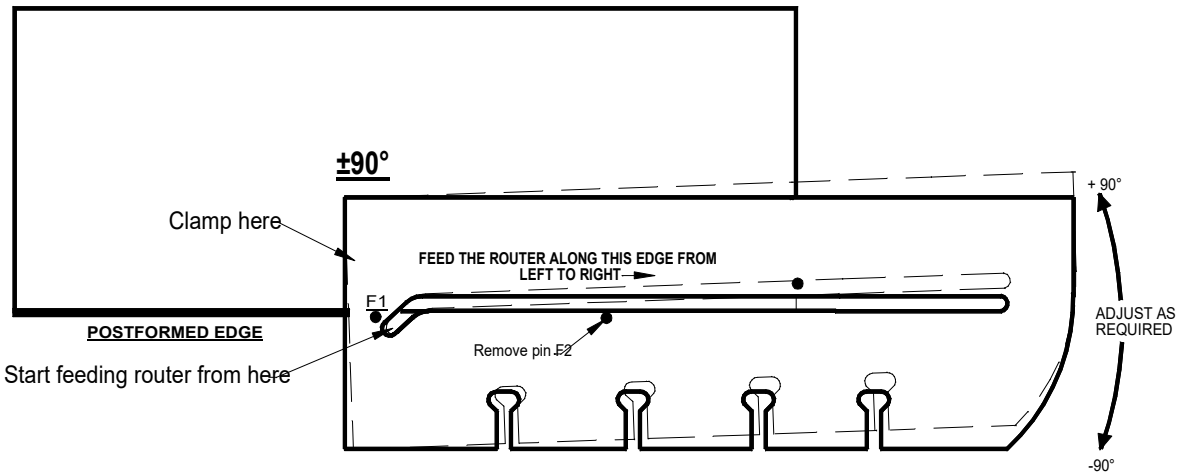
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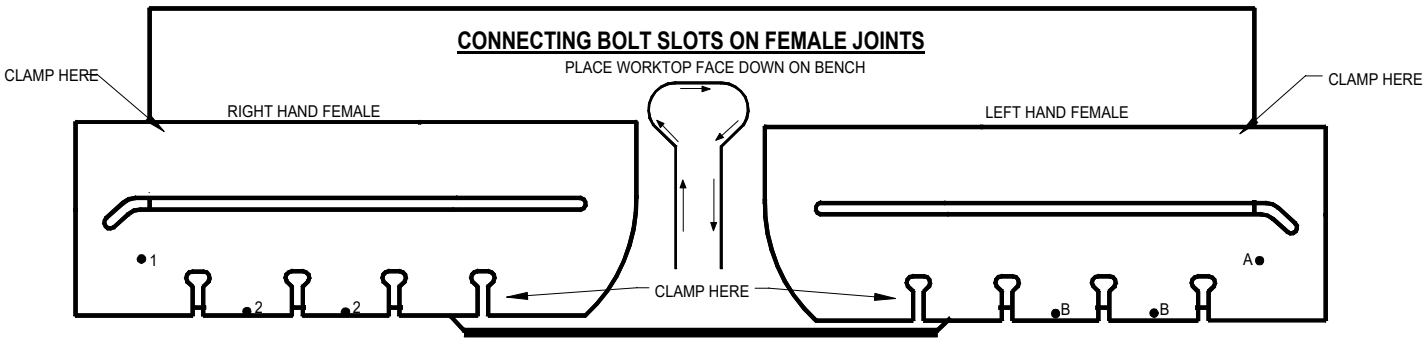
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CUTTING LEFT & RIGHT HAND FEMALE JOINTS.





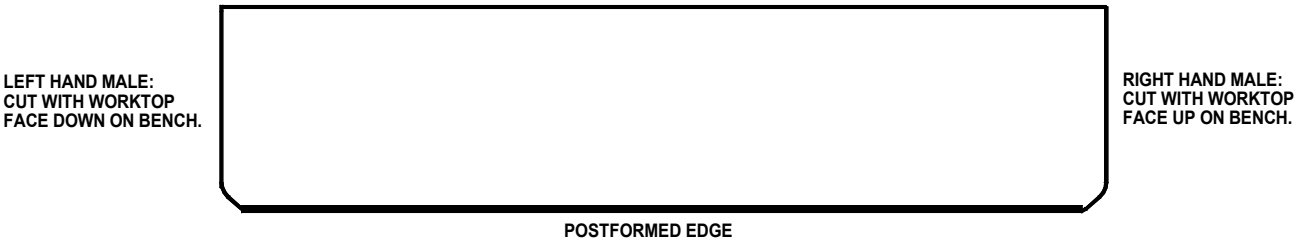


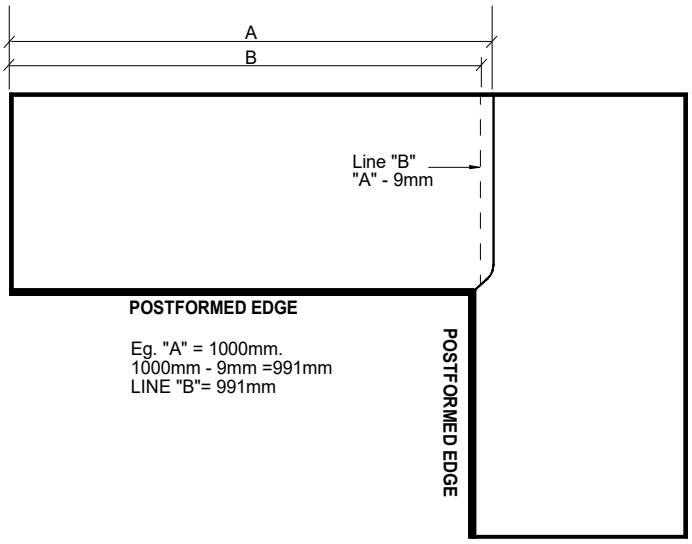


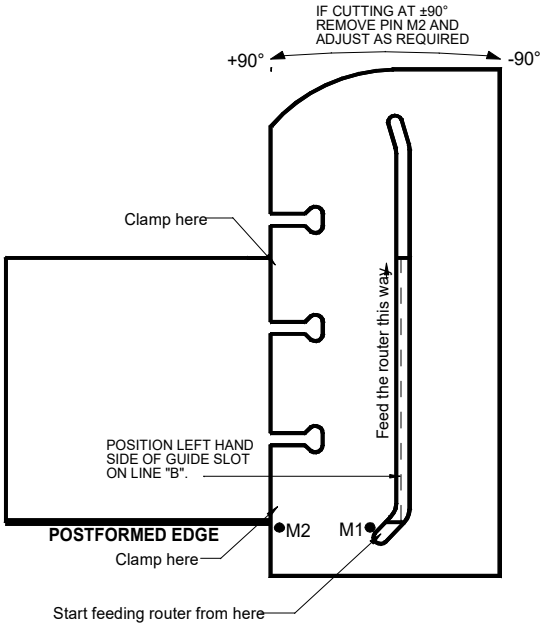
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CUTTING LEFT & RIGHT HAND MALE JOINTS.

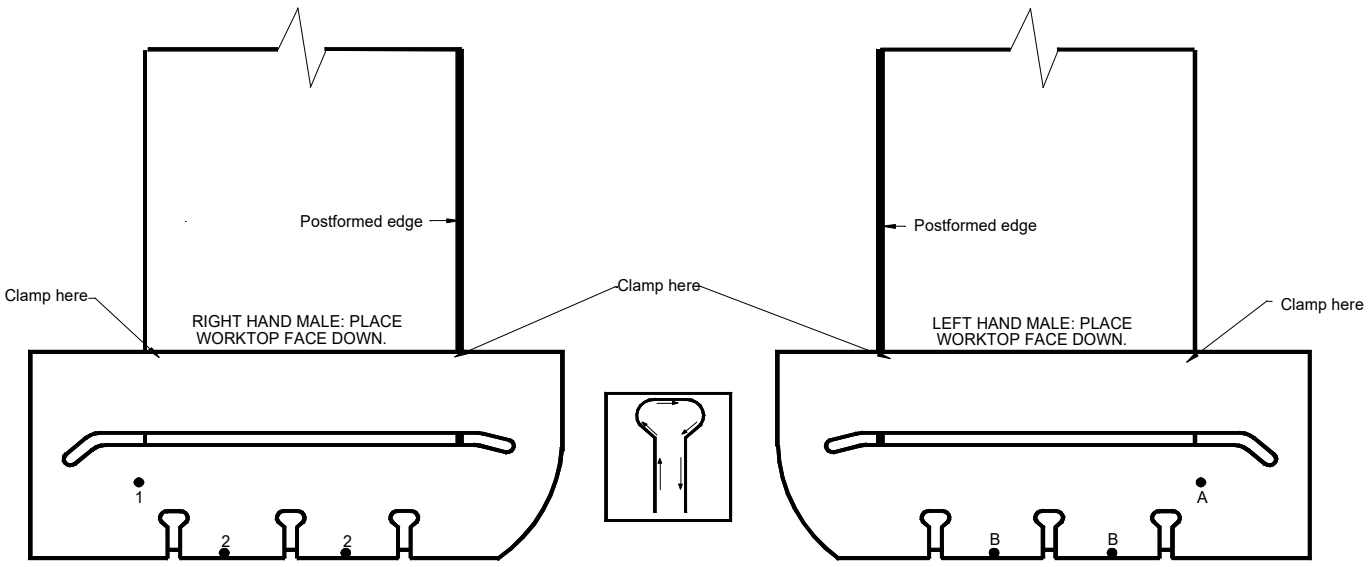
700 & 1000mm JIG (700mm shown)







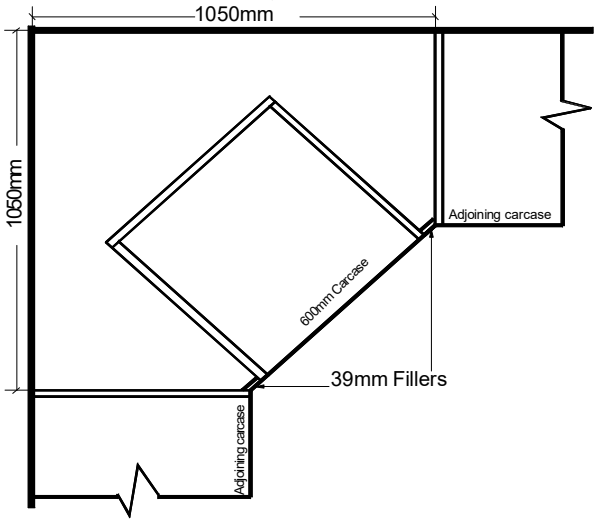
Connecting Bolt Slots



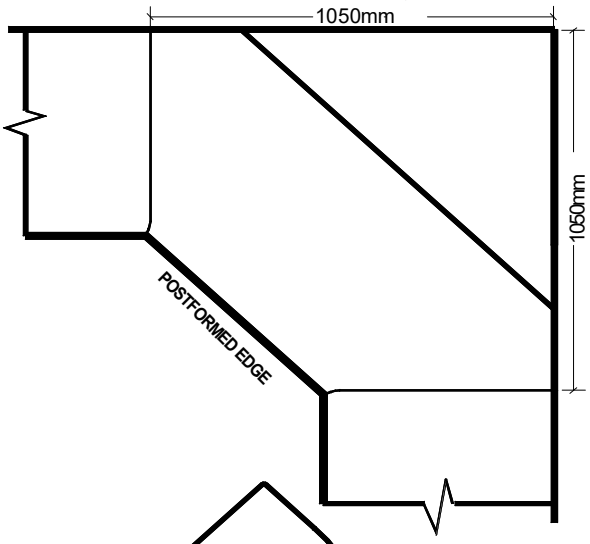
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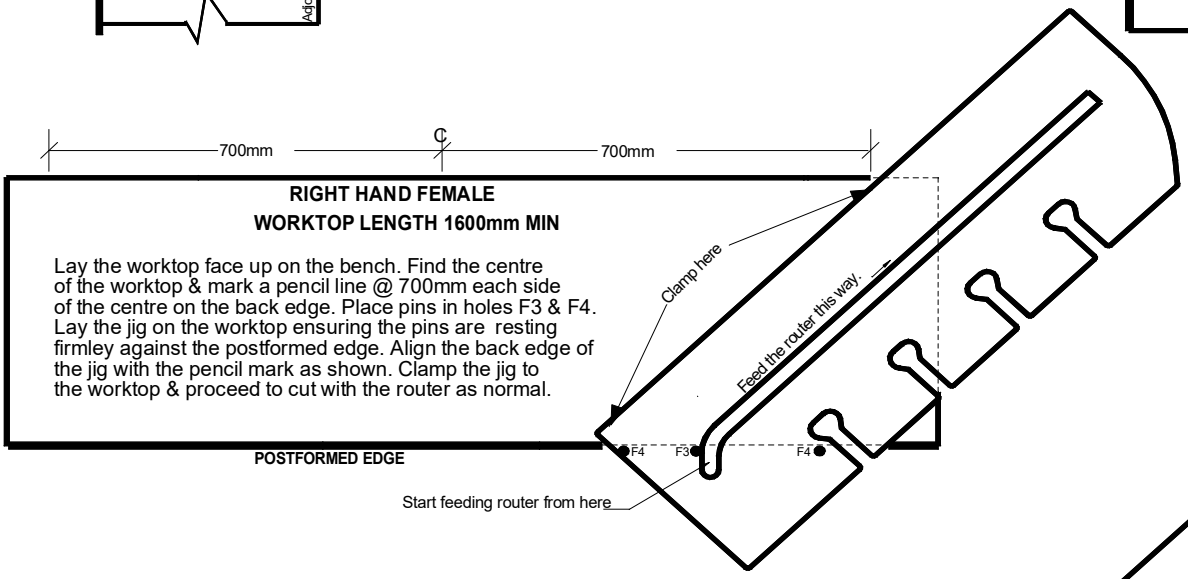
45° DIAGONAL CORNER SOLUTION

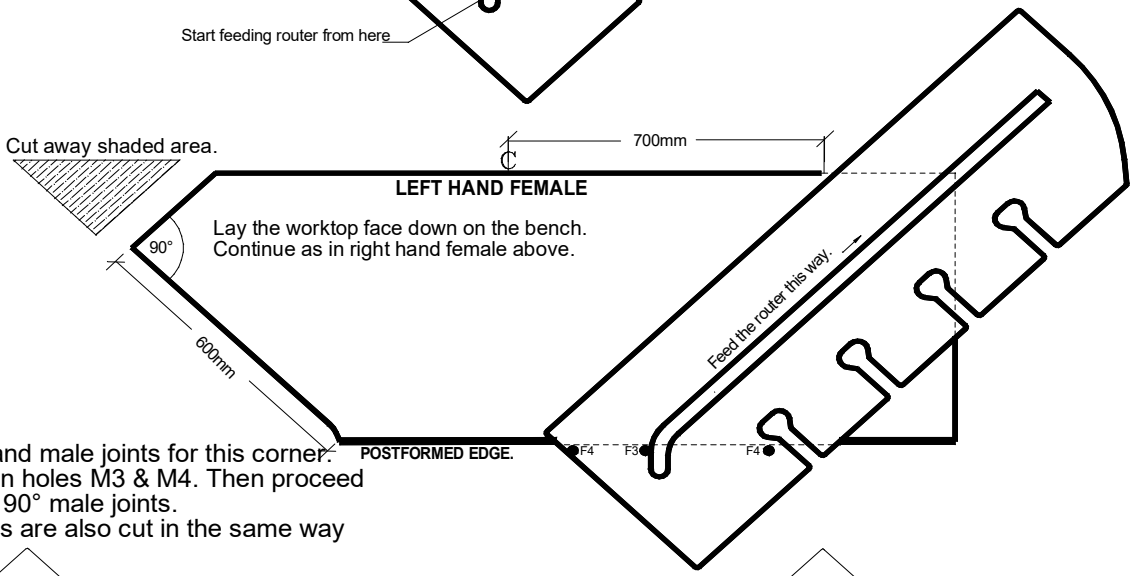
Cabinet layout



Worktop layout

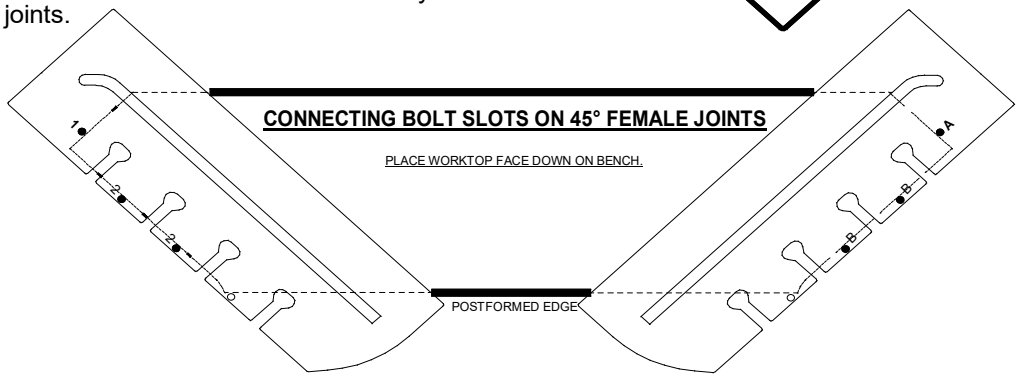






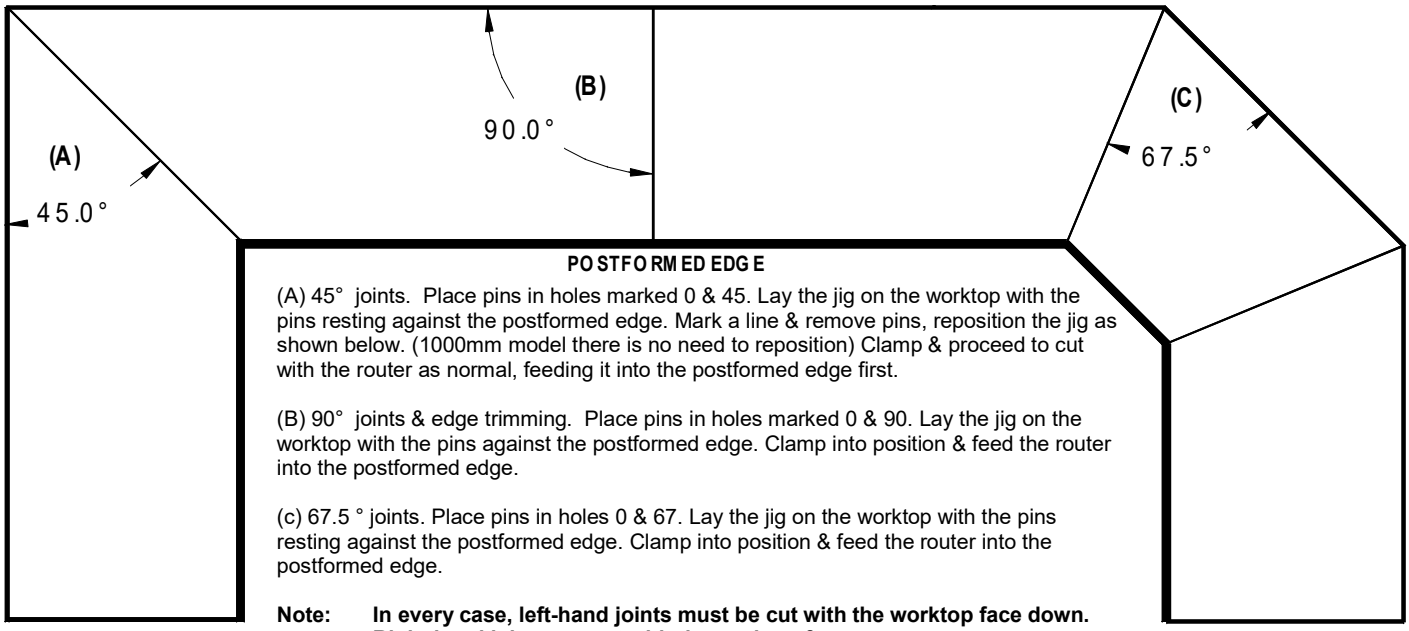
Male Joints.

To cut left & right hand male joints for this corner. Place location pins in holes M3 & M4. Then proceed in the same way as 90° male joints.
Connecting bolt slots are also cut in the same way as 90° male joints.



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CUTTING LEFT & RIGHT HAND STRAIGHT JOINTS. 700mm & 1000mm JIG. (700 shown)

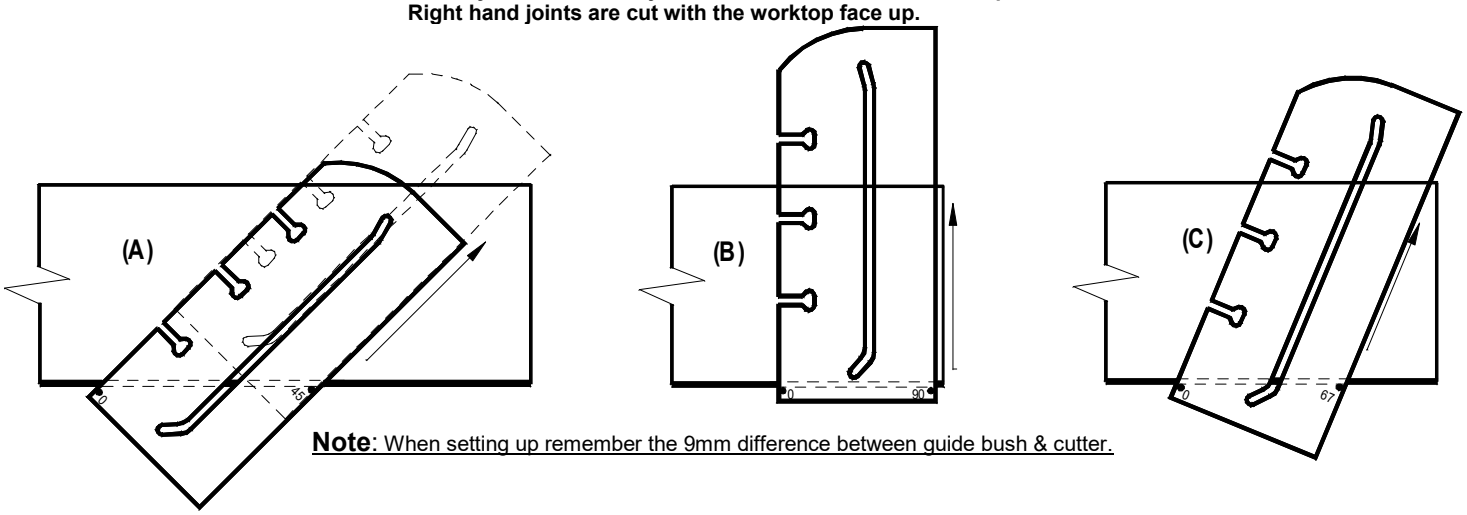


(A) 45° joints. Place pins in holes marked 0 & 45. Lay the jig on the worktop with the pins resting against the postformed edge. Mark a line & remove pins, reposition the jig as shown below. (1000mm model there is no need to reposition) Clamp & proceed to cut with the router as normal, feeding it into the postformed edge first.

(B) 90° joints & edge trimming. Place pins in holes marked 0 & 90. Lay the jig on the worktop with the pins against the postformed edge. Clamp into position & feed the router into the postformed edge.

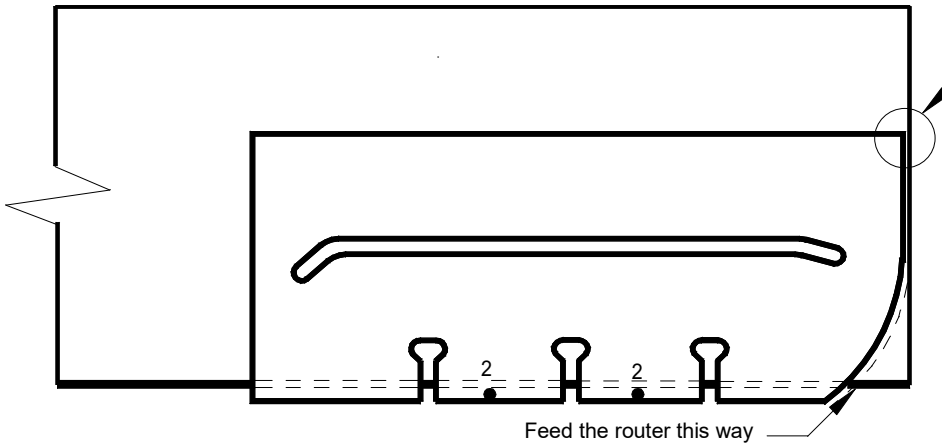
(c) 67.5 ° joints. Place pins in holes 0 & 67. Lay the jig on the worktop with the pins resting against the postformed edge. Clamp into position & feed the router into the postformed edge.

Note: In every case, left-hand joints must be cut with the worktop face down. Right hand joints are cut with the worktop face up.



Note: When setting up remember the 9mm difference between guide bush & cutter.

CUTTING LEFT & RIGHT HAND RADIUS END'S.



Ensure the jig is set no more than 8.5mm from the end of the worktop

1/ Before machining ensure the edge of the Worktop is square & free from chips in the laminate surface, if necessary trim as in "B" above.

2/ Place pins in holes marked 2. lay the jig on the worktop with the pins resting against the postformed edge. clamp into position & feed the router into the postformed edge.

Note: In all cases, left hand radius ends must be cut with the worktop face down. Right hand ends are cut with the worktop face up.

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