Using the Festool MFS multi routing template
by Scott Slater

Here are a few images of the MFS set from Festool in use. The cutout is for an integral handle in a door. The procedure to make the doors was to first, glue Maple (1.75 X .75) onto the edge of MDF, then sand the material to get thickness of about .72". I then laminated 2 pieces of veneer on the panel, the veneer is Maple wood back. This gives a solid edge to route the recess and handle into.

1: Work piece clamped in Festool table.

2: MFS set for a recess of 1 X 4 inches, to do this you take the dimension of the router bushing (30 mm), subtract the bit size (12.7), then add that to the dimension you want to cut, for width I wanted a 100 mm long recess, which was made by setting the MFS to 117.3 mm, this is clear on the photograph. Since I am having the recess come to the edge of the panel, I left that dimension wider and used the stops to set the proper depth. This was done by some trial and error and measuring the distance from the stop to the edge of the template (it would be 25.4+17.3=42.7), and you can see that is about where the edge of the MFS is on the wood.
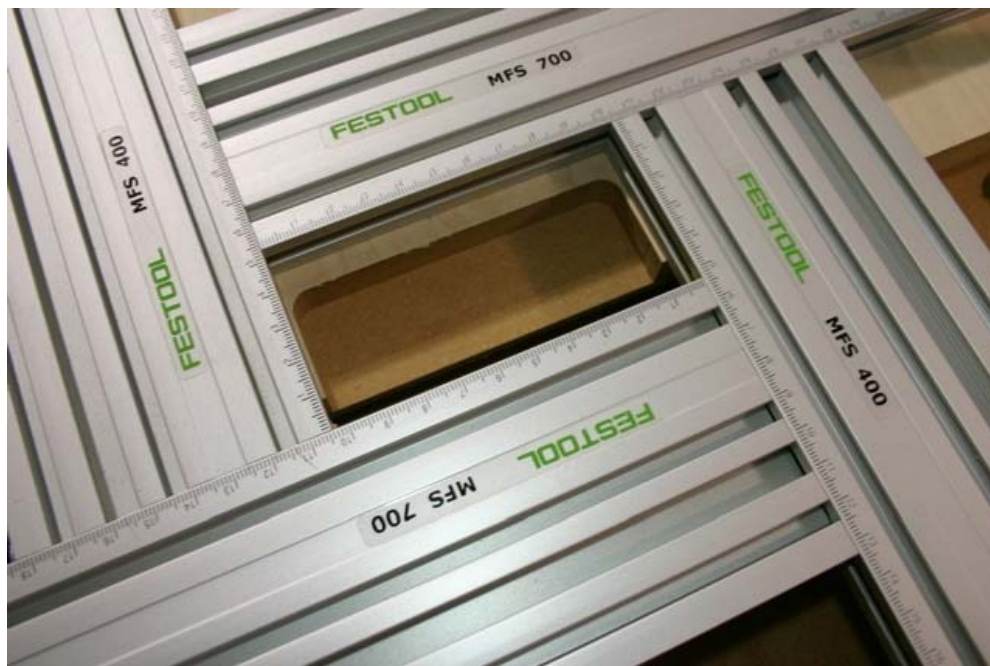
3: The recess gets routed with the OF1400 router

4: Finished recess

5: The 2ⁿᵈ MFS gets set up and clamped down to route the integral handle.

6: You need a fairly long bit since the template lifts up the router about 1/2″.

7: Recess cut for handle

8: Finished recess with squared off ends on the recess and close-up shot of the handle