

3/4" Hole Milling Template

Instructions

Version 1.0

Safety First



Disconnect saw from power source before fitting or removing insert.



Always wear proper ear protection when working with machinery.



Use caution when handling sharp objects (saw blades, router bits, drill bits and so on). Use protective gloves whenever possible.



Always wear proper eye protection when working with machinery and tools.



Always wear proper respiratory protection when working near airborne dust particles.

Please read and fully understand any and all safety materials that came with your power tools or machinery before operation. Always follow all safety guidelines set in place by the power tool or machine manufacturer.

You will need the following items which are not included with the template to properly mill the holes on your workbench table top.

- 1/2" Up Cut Spiral Router Bit
- 3/4" O.D. Brass Router Guide Bushing
- Plunge Router
- 2 each F-Clamps
- 2 Kreg InLine Clamps or 2 Hold Down Clamps
- 3/4" Bench Dogs (Kreg Bench Dogs recommended)

Before setting up the template, you must first install the router bit and the brass bushing into your plunge router. When doing so, be sure that the bit is set to the proper depth to go all the way through your table top.

- The most common place to start your hole placement is on the corner of your bench top.
- Insert the supplied pins into the four holes and place the template up against the corner of your table top. Secure the template with two F-clamps as shown below.

Safety Tip: Before milling your holes, make sure there are NO obstructions underneath the table top that may interfere with the router bit while cutting.



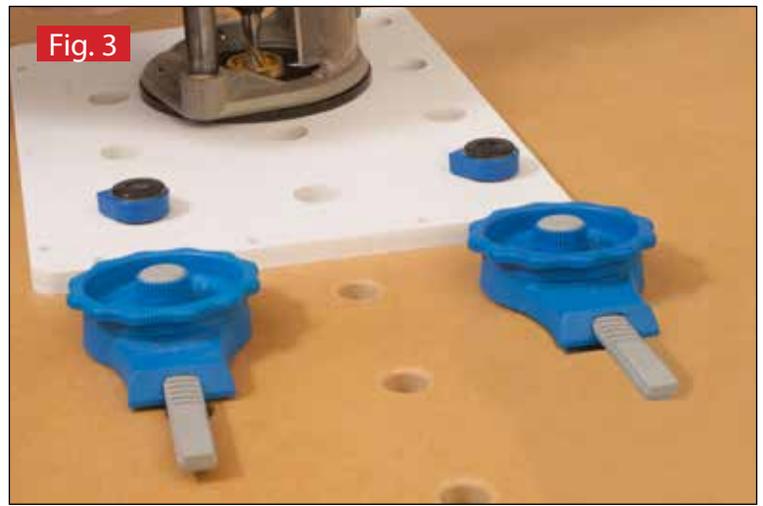
- Using a plunge router with a the 1/2" up-cut spiral bit installed, mill out the holes using the template as a guide. As you are cutting, some of the hole locations will be obstructed by the clamps and the pins. We recommend that you do as many of the holes as possible before removing pins or shifting your clamp positions to mill the remaining holes.

Please note when milling the holes, make slow, circular cuts and work the router as much as needed to achieve clean smooth holes. Dust may build up on the inside edge of the template and the bushing. If there is any dust or debris build up, it may result with the bench dog or accessories not fitting into the hole.



- Before moving your template, test each hole with your 3/4" bench dog to ensure that it fits properly.
- If the bench dog does not fit, clean any dust or debris from the inside of the bench hole, template hole and router bushing, then re-mill until you achieve a proper fit.
- Once all the holes are milled on the first set, remove the clamps and the two pins on the outside edge.
- Slide the template to the next location and overlap the last row of holes that have already been milled, keeping the two pins on the outside edge of the template in place and against the edge of the workbench.

- Insert one bushing into a corner hole as shown in figure 1.
- Insert a 3/4" Bench Dog (sold separately) through the bushing making sure that it is pushed all the way down so it fits into the milled hole on your table top.
- Insert the second bushing and a bench dog on the opposite corner of the template.



- Secure the template with two F-Clamps. Using a plunge router with a the 1/2" up-cut spiral bit installed, mill out the holes using the template as a guide. As you are cutting, some of the hole locations will be obstructed by the clamps and the pins. We recommend that you do as many of the holes as possible before removing pins or shifting your clamp positions to mill the remaining holes.
- Repeat this process down the edge of your entire workbench table top.

Milling the Holes in the Center of the Bench

- Once all the holes are milled down the edge of your workbench, remove the clamps and pins.
- Position the template to the next location and overlap the last row of holes that have already been milled.
- Insert one bushing into a corner hole.
- Insert a 3/4" Bench Dog (sold separately) through the bushing making sure that it is pushed all the way down so it fits into the milled hole on your table top.
- Insert the second bushing and a bench dog on the opposite corner of the template.
- Since we can no longer clamp the template down, insert two Kreg In Line Clamps (Sold Separately) into the table top as shown in figure 3.
- Rotate the In Line Clamp dial clockwise to secure the template in place. The clamps must be in line with the two Bench Dogs so they will be able to apply the proper directional pressure to keep the template from moving.

Shop Tip:

You can use other clamping/hold down devices to keep the template from moving when milling the holes in center of the work bench.

- Using a plunge router with a the 1/2" up-cut spiral bit installed, mill out the holes using the template as a guide. As you are cutting, some of the hole locations will be obstructed by the bench dogs and bushings. We recommend that you do as many of the holes as possible before moving the bench dog and bushing positions to mill the remaining holes.
- Repeat the process using the Kreg In Line Clamps and Kreg Bench Dogs until you have milled all the necessary holes on your table top.

Safety Tip:

When milling the center holes of the bench top you must clamp the template down so it does not move. Failure to do so may result in injury or damage to the template, benchtop or router.

- Your table top should now be complete and be ready for use with any standard 3/4" workbench accessory!

