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PRECISION HARDWARE

BOX FEET INSTALLATION INSTRUCTIONS

These instructions are to be used with the TJ-702 installation template. The TJ-702 Jig will fit the HD-702 box feet. It is designed to be used with a router, a 3/4" OD guide bushing and a 1/2" carbide router bit. Since many guide bushings are cast, they are not always accurate. You may have to tailor yours to make it precise. First of all, you must shorten it to protrude from the bottom of the router base by slightly less than 1/8." Second, if it's cutting the pocket too small, sand the circumference of the guide bushing down a bit until the foot fits the pocket. If it's cutting the pocket too large, place a piece of scotch tape around the circumference of the guide bushing.

Clamp the jig in place using 2 clamps so that the jig is tight against the box. Now, route in the foot pocket, being careful to keep the router oriented in the same direction throughout all cuts, otherwise you lose accuracy. Also, operate the router in a counter-clockwise direction to minimize tear-out.

One last tip. Be sure to clean the chips out of the hinge mortise before making the final finish pass. These chips may hold the guide bushing away from the inside edges of the jig cutout.

One very last tip. After a test in some scrap (always test cut in a piece of scrap) to check mortise depth, unplug the router, turn it on it's end with the base up, adjust the base to exactly center the cutting bit in the guide bushing. If the bit is not centered in the bushing, the foot will not line up with the box.

HD-702 Box Feet:

7/8" Square x 1/4" High