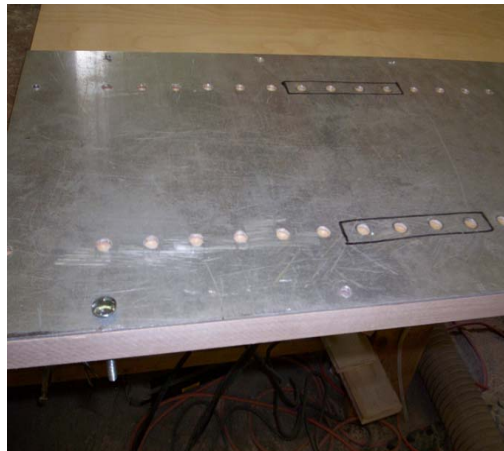


## Shelf Pin Jig by Don Garner

This is a shelf pin jig sent to Matt's Basement Workshop Podcast by Don Garner. After using this jig you should be able to create matching shelf pin holes for your projects and get great results each and every time you do.



Don created this particular version out of 1/8" aluminum, but I say you can make yours out of any material that can hold up to a good amount of abuse. An Russian or Finnish Birch Plywood or even an piece of MDF could be a good start. This particular jig was made for making 40 inch tall, upper kitchen cabinets and is about 12 1/4 inches wide.

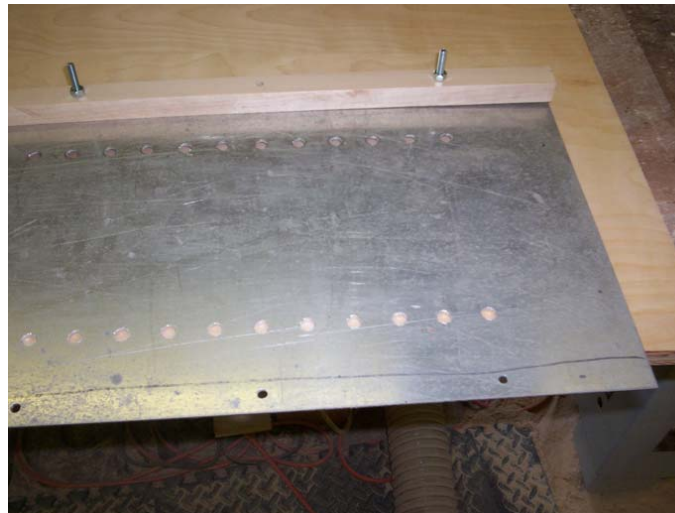


There are two columns of holes starting 3 1/4" down on center and 2 1/2" in from the edges with a spacing of 1 1/4" on center between each hole. All these holes are 3/8" in diameter.

This size of hole accommodates a Rockler part # 22567 Self Centering Bit for your drill, or a 3/8" template bushing guide for your router. Using either helps to ensure the holes are created straight and of equal depth each and every time.



To help with setting the jig in the correct location there are two more features to note. First are the two 1/4" diameter holes located 3/4" down from the top and centered on the two columns. These will assist in the accurate placement of the jig if the component is longer than the overall size of the jig and it needs to be moved down the length. Next is the adjustable fence that can be moved from one side of the jig to the other to accommodate adjacent pieces.



This fence is a 1" hardwood fence that can be attached to either side using 1/4" carriage bolts. The fence is moved to drill a left or right panel, the 1/4" top holes are always on the top of the panel you are drilling and the jig should be clamped in place before use.

The final result once the jig has been created, set up and used is the following. Two shelf pins that are parallel and equally spaced on one side and more importantly, just as equally spaced and located on the opposite face.

