How to Build a Pocket Hole Workstation | DIY Woodworking Shop Project
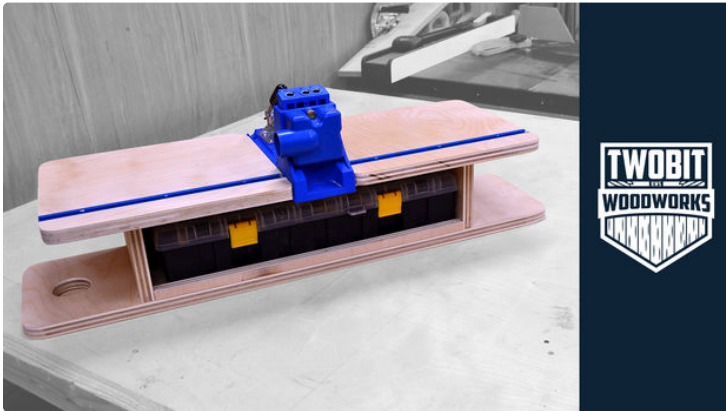
by Two Bit Woodworks

There are a lot of different things needed to make pocket holes, with this workstation, you can keep everything in one centralized location. You will never need to search around the shop looking for different size pocket hole screws, drill bits, drivers, and the adjustment hardware for your jig. Take the workstation down from the wall, clamp it to a sturdy surface and start drilling. We have plans available below which include a cutlist, instructions, and a

Sketchup file.

https://www.youtube.com/embed/4LPXMlbP41M

Step 1: Build the Frame for the Pocket Hole Workstation

As with every project, I reference my printed out cutlist and begin the process by breaking down the sheet goods with my track saw.

Step 2: Making the Mounting Hole

I use a 2-inch Forstner bit to make a mounting hole in the bottom piece. Then I add a small round over on both sides of the mounting holes.

Step 3: Secure the Back and Bottom Pieces

Clamp the back and bottom pieces together and pre-drill holes for assembly. Liberally spread some wood glue on the edges and clamp the pieces back together. Securely attach the two pieces using 1 1/4" screws.
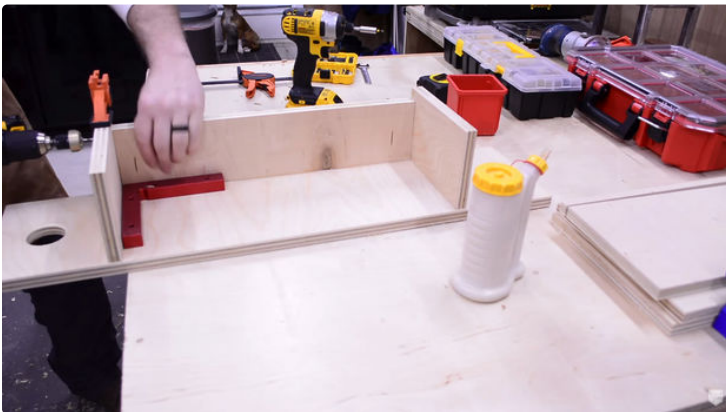
Step 4: Adding in the Sides

Use a square to ensure the sides are square to the back piece and pre-drill holes in the sides. Turn the assembly over and pre-drill, glue, and screw the sides to the back and bottom pieces. Repeat the process for the other side piece.
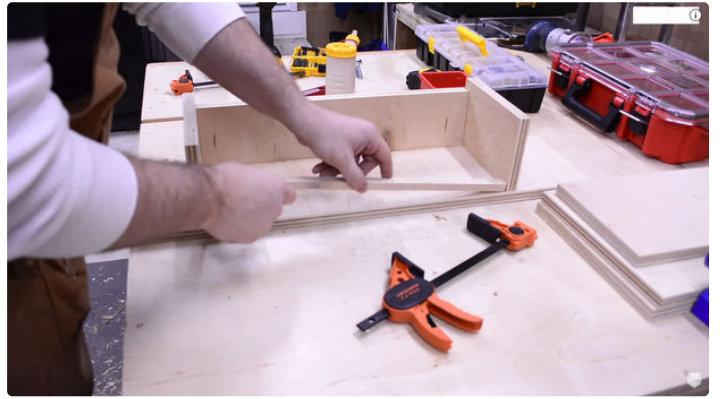

Step 5: Keeping the Storage Container in Its Place

This small piece will be the lip that will prevent the storage container from sliding out of the workstation. It's held into place with glue and a few brad nails.
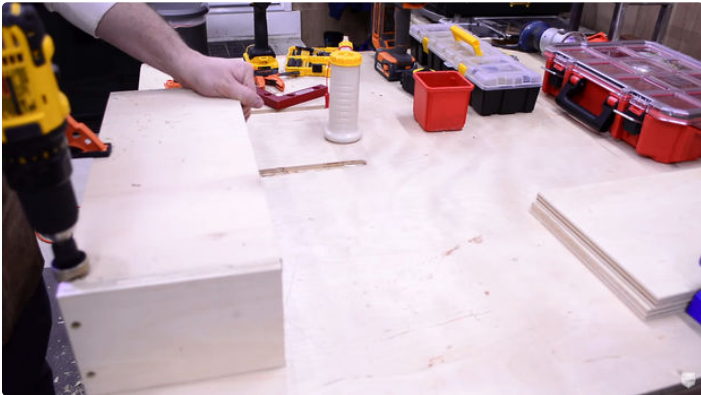
Step 6: Attaching the Top Support Piece

Add the sub-top piece which will be the support structure for the Kreg Jig and top material supports. Pre-drill the top and side edges, then glue and screw the top to the back and side pieces.

Step 7: Setting the Depth for the Kreg Jig Location

Locate where you will be mounting the Kreg Jig and trace out some lines that you will use as guidelines when routing. I used a router to clear out enough material for the Kreg jig to fit snugly into place but you can also use a dado stack on the table saw it if you feel more comfortable doing that.
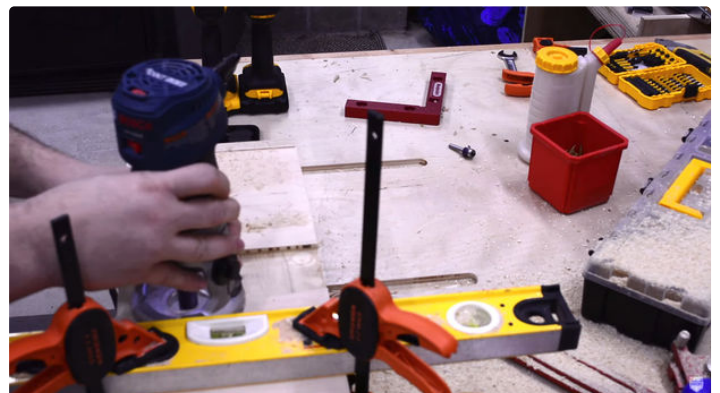
I use my brand new Woodpeckers 6-in-1 Shop Gauge to measure the depth of the cut.

Then I will transfer that measurement over to the router to ensure the depth is spot on.

Step 8: Removing the Material

Line up and secure a straight edge to use as a guide for your router. Switch the straight edge to the other side and finish up routing out the material.

Step 9: Secure the Kreg Jig

Using a square, make sure that the Kreg Jig is square to the assembly. Then pre-drill and screw the jig into place with 3/4" wood screws.

Step 10: Installing the T-Track

Time to add the t-track on the top material supports. I line them up about an inch back from the face of the drill guide. I do not want the t-track or stops to interfere with the material when not being used.
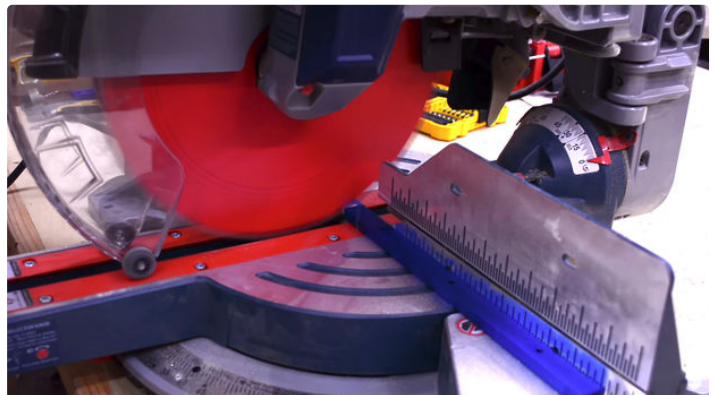
Use the miter saw with a regular blade to cut the 24" piece of t-track into two 12" pieces.
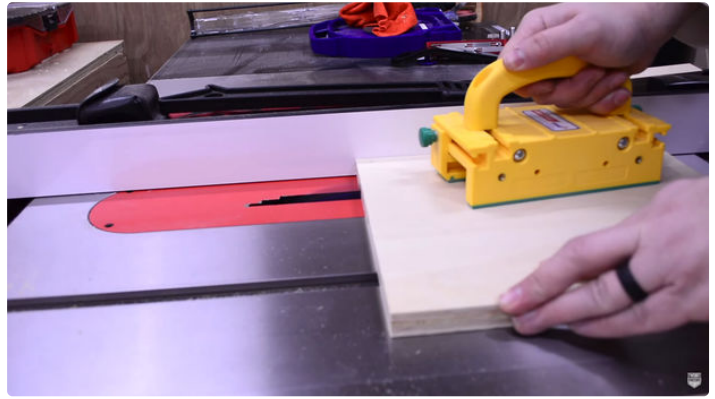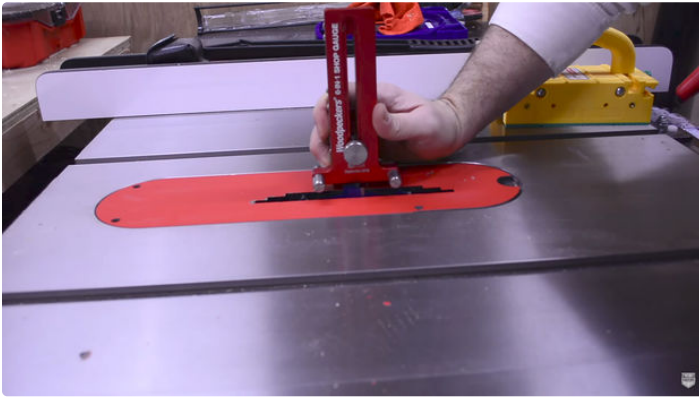
I break out the shop gauge again to set the height for the dado stack.

I make a few passes clearing out a little more material each time to sneak up on the perfect fit.

Insert the t-track, pre-drill using a centering drill bit, and then secure with 3/4" screws.
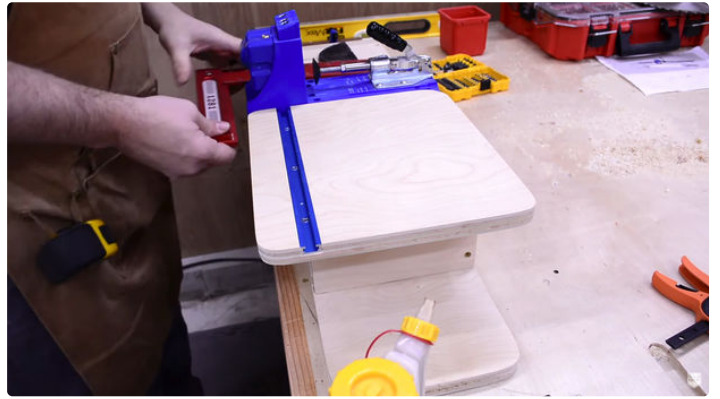
Step 11: Round the Edges

Using the disc sander on my flip top cart I round out all of the corners on the top material supports, as well as the bottom mounting piece.

Step 12: Mount the Material Supports

Add a generous amount of wood glue to the top support and spread it out evenly across the surface. Square up the pieces to the Kreg Jig. Secure the tops to the top support piece using a few 1" brad nails.

Step 13: Finishing the Project

Sand everything up to 220 grit, and then add a few good coats of paste wax to the material support pieces.

And there you have it!
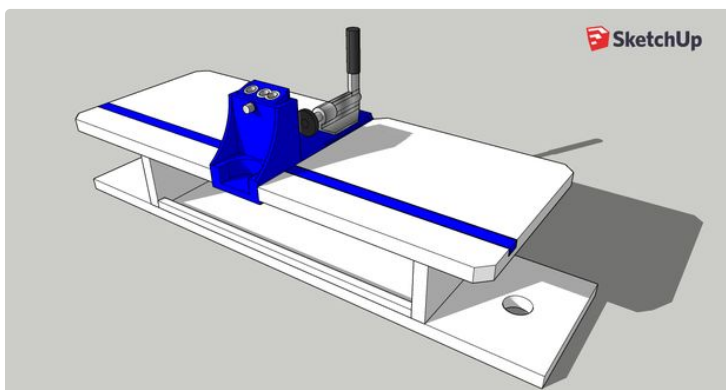
Step 14: Making It Work

It's easy to take the workstation down from the wall, clamp it to a sturdy location, remove the storage container that holds everything you need, and then get to drilling!

Step 15: Got Plans?

Check out the plans, here.

Step 16: Final Thoughts

I hope you enjoyed this shop project. This pocket hole workstation is a great addition to my small shop workflow. When you group things together it helps to maximize organization, and in turn creates a superior workflow to the shop. There is going to be no searching around for screws, bits, and tools because everything I need to make pocket holes is in one centralized location.

Very nice idea, thank you for sharing. I have a pocket hole jig from Harbor Freight that I may adapt to your design. :)

Thank you Leslie I appreciate it. IMO hope you post if you end up adapting it to fit the design.

Needful bench to SME shops!!!

Very easy build and it'll pay off in the long run. Thanks for viewing the project!

thank you,,i'd love to see an example of that...i love the workstation you built,,i currently only have my jig screwed to a short piece of 2x6 so this would be a huge upgrade

That's a good start. Better than not having it attached at all. I have plans for the workstation on my website.

Nice build...
Although I find it kind of ironic that you built a pocket hole workstation without using pocket holes...

It's like rain on your wedding day... I needed the workstation to make the workstation, what a catch 22 lol.