



BY **Kreg**

Project Plans



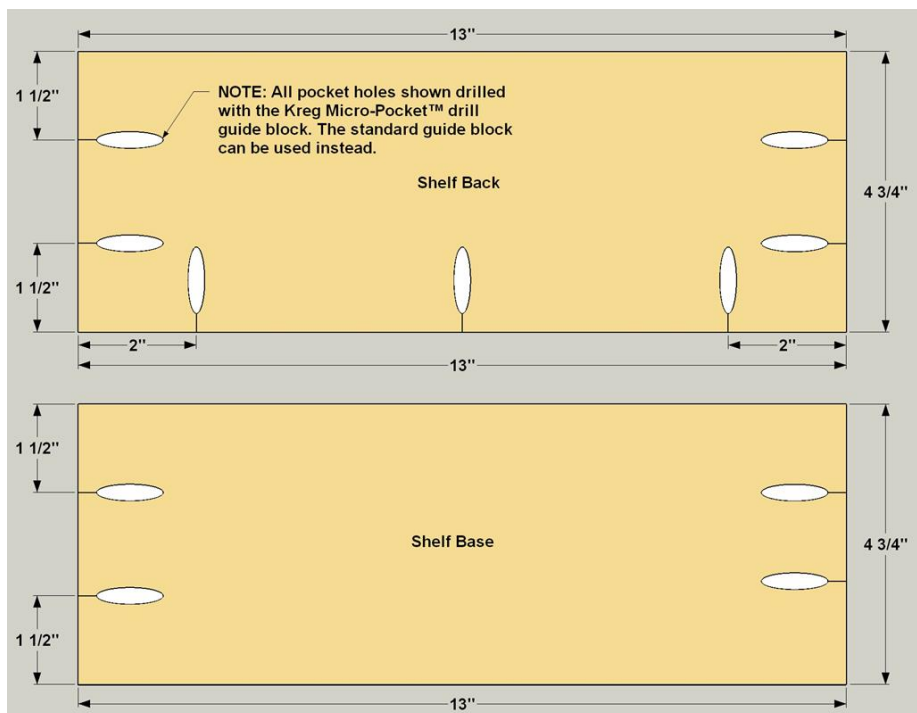
HARDWARE ORGANIZER

How easy is it to keep screws, hardware, and other small items organized instead of in the way? Just cut six identically sized pieces of plywood, add a 1x2 cleat, and put it together with Kreg Joinery. Then add some Kreg Hardware Containers, hang it on the wall, and you're all set.

Follow the steps below to complete this project.

1 Make the Shelf Parts

Cut two Shelf Bases and two Shelf Backs to size from 1/2" plywood, as shown in the cutting diagram. The easiest way to get consistent cuts when using a circular saw is to use a saw guide. See the Tip. Set your pocket-hole jig for 1/2"-thick material, and then drill pocket holes in the Shelf Bases and Shelf Backs at the locations shown. We used the Kreg® Micro-Pocket™ drill guide for this project. It makes smaller pocket holes than the standard Kreg pocket-hole jig, and uses smaller screws. That makes it perfect for 1/2"-thick material. If you don't have the Micro-Pocket accessory, the standard Kreg Jig drill guide and bit will work fine. After drilling the pocket holes, sand the faces and edges smooth using 150-grit sandpaper.



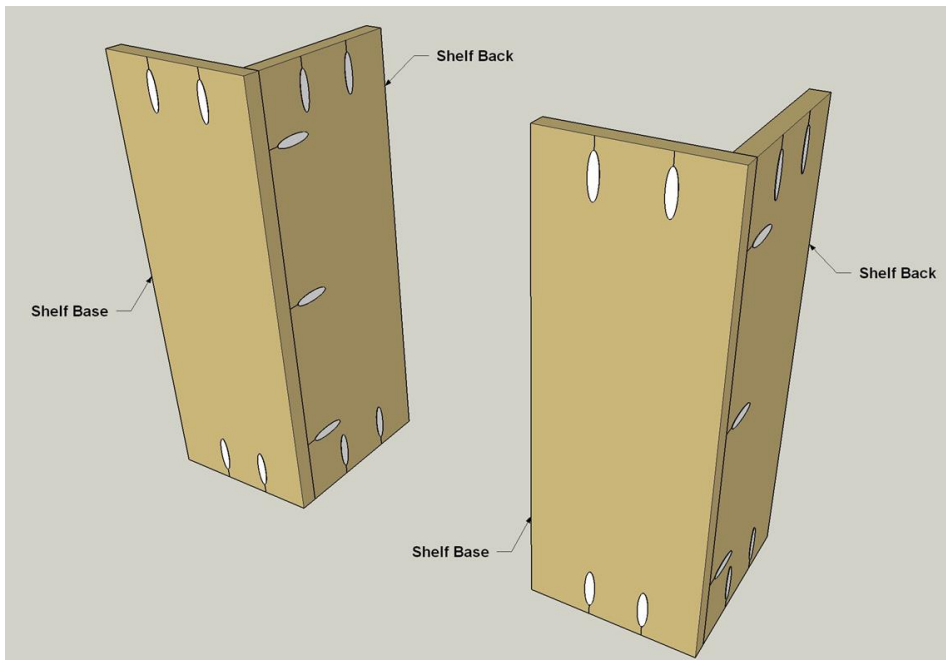
💡 TIP: USE A SAW GUIDE FOR STRAIGHT CUTS

The biggest challenge when cutting with a circular saw can be keeping the saw straight along your cut line. To make it easier, use a circular saw guide, such as the Kreg® Rip-Cut™. It has a sled that holds the saw, and that can be locked on a long rail at your measurement. Then, all you have to do is hold the Rip-Cut edge guide against the edge of the plywood and push the saw along. You'll still need to support the plywood as you cut. A piece of 2"-thick rigid-foam insulation is perfect for this. Lay the foam on the ground, and then lay your plywood on the foam. Adjust your saw blade to the correct depth to just cut through the plywood, and make your cuts. The foam holds the plywood and prevents your cutoffs from falling after they're cut.



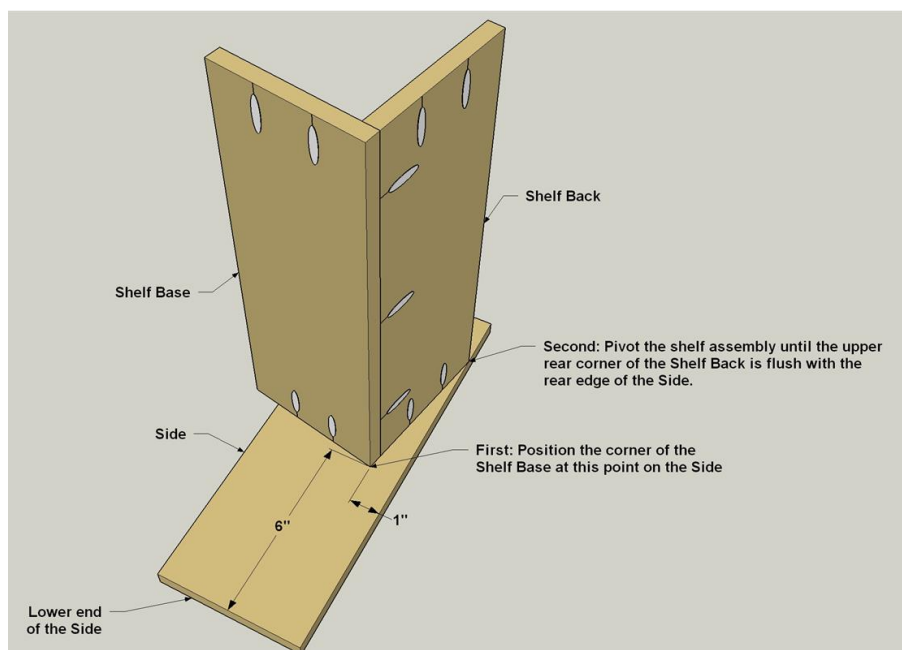
2 Assemble the Shelves

Now you can attach the Shelf Backs to the Shelf Bases using glue and 3/4" panhead pocket-hole screws. Take care not to over-drive the screws, as only fine-thread are available in this short length.



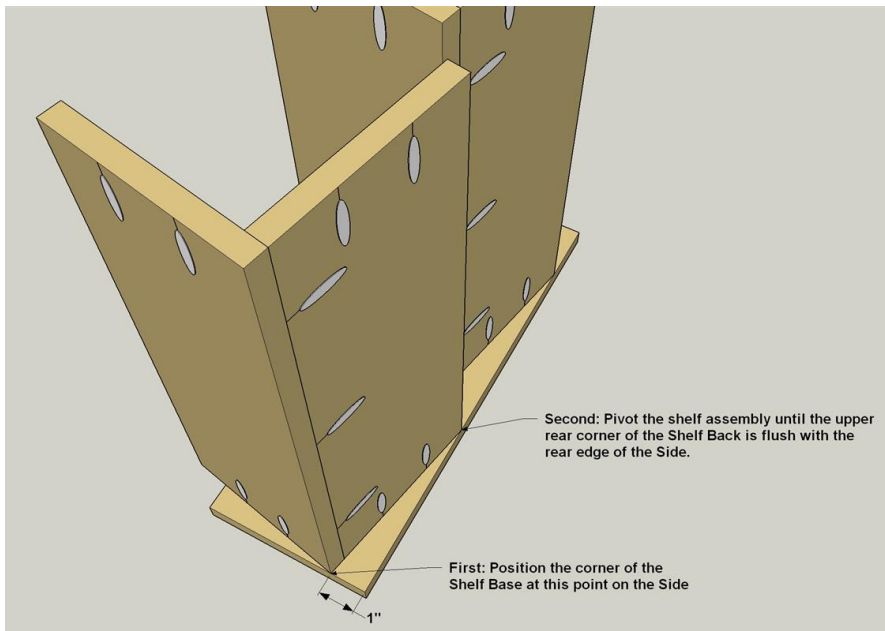
3 Attach One Shelf Assembly to a Side

Now cut two Sides to size from 1/2" plywood, as shown in the cutting diagram. Then sand the faces and edges smooth using 150-grit sandpaper. Next, position the upper shelf assembly on one side, as shown, so that it's tilted back at a slight angle, this helps keep containers in place securely in the organizer. Once you have the position figured out, spread glue on the end of the shelf assembly, and then attach it to the side using 3/4" panhead pocket-hole screws.



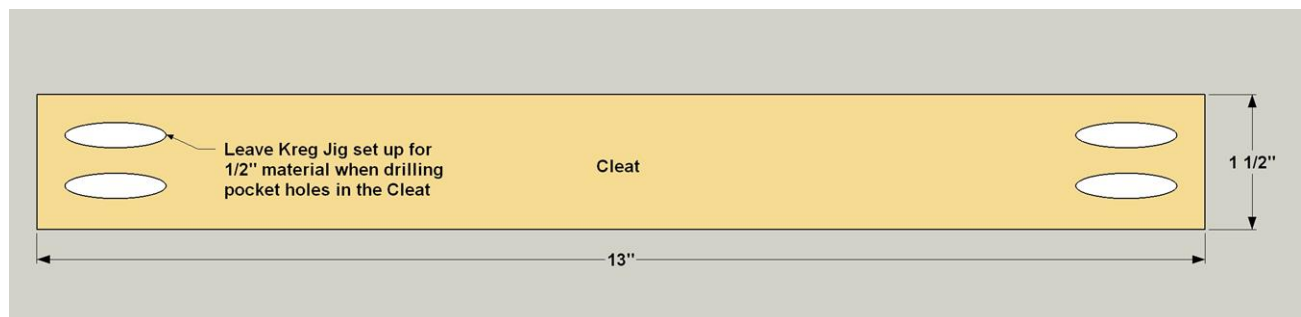
4 Attach the Other Shelf Assembly

After attaching the first shelf assembly, you can position and attach the second shelf assembly in the same way.



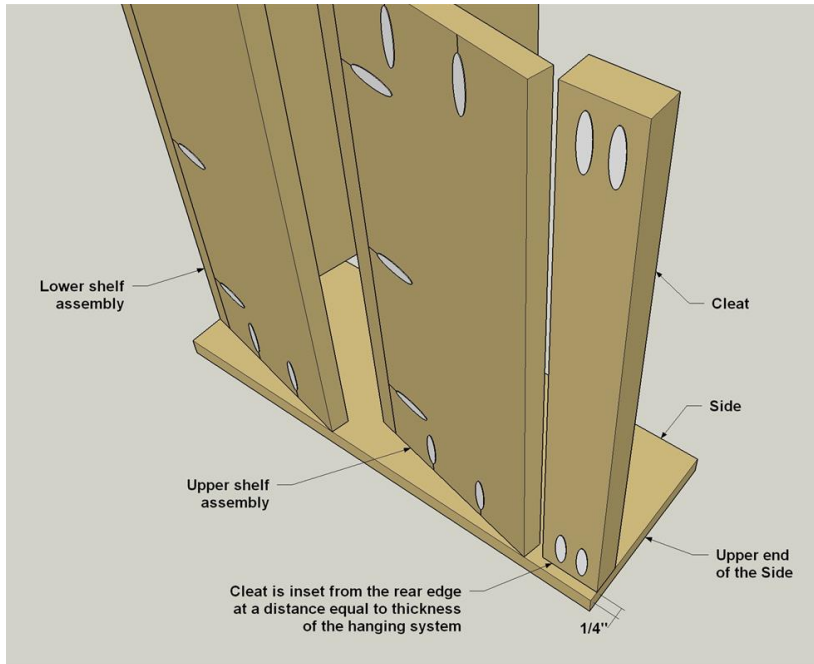
5 Make the Cleat

Cut a Cleat to length from a 1x2 board, as shown in the cutting diagram. Then drill pocket-holes in the Cleat, as shown. Though the Cleat is 3/4" thick, still use the jig settings for 1/2"-thick material.



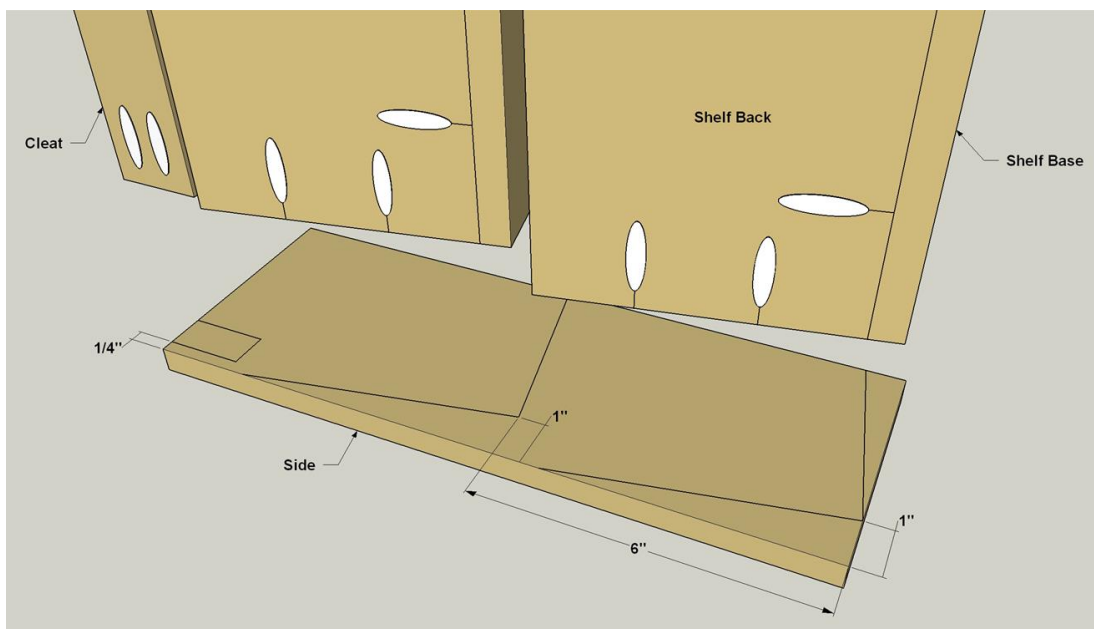
6 Attach the Cleat

Now you can position the cleat at the top end of the Side. When doing this, be sure to account for the thickness of the hanger you plan to use. We used a “Hangman” system. It has a hanger that gets mounted to the project, and a wall cleat that gets screwed to the wall. This makes projects easy to hang. Once you’ve determined the proper position, attach the Cleat using glue and 3/4" panhead pocket-hole screws.



7 Add the Second Side

Now you can add the second Side. Make sure the shelf assemblies and the Cleat are aligned properly before you attach the side using glue and 3/4" panhead pocket-hole screws.



8 Finish, Add Hardware, and Hang

With the project done, you can apply a finish. We wiped on a coat of oil-based finish to protect the wood. When the finish dries, hang your organizer following the hanger manufacturer's instructions, and then load it up to help keep hardware, screw, and other small items from cluttering your shop.

Tools Used:

- (1) Circular Saw (corded)
- (1) Drill (cordless)
- (1) Miter Saw
- (1) Kreg Pocket-Hole Jig
- (1) Sander
- (1) Tape Measure

Materials Required:

Wood Products:

- (1) 1/2" Thick, 24" x 24", Plywood
- (1) 1x2, 24", Board

Hardware/Supplies:

- (26) 3/4" panhead pocket-hole screws
- (1) wood glue
- (1) Hangman hanging system
- (1) Kreg Hardware Container Small 4-Pack
- (1) Kreg Hardware Container Large 4-Pack

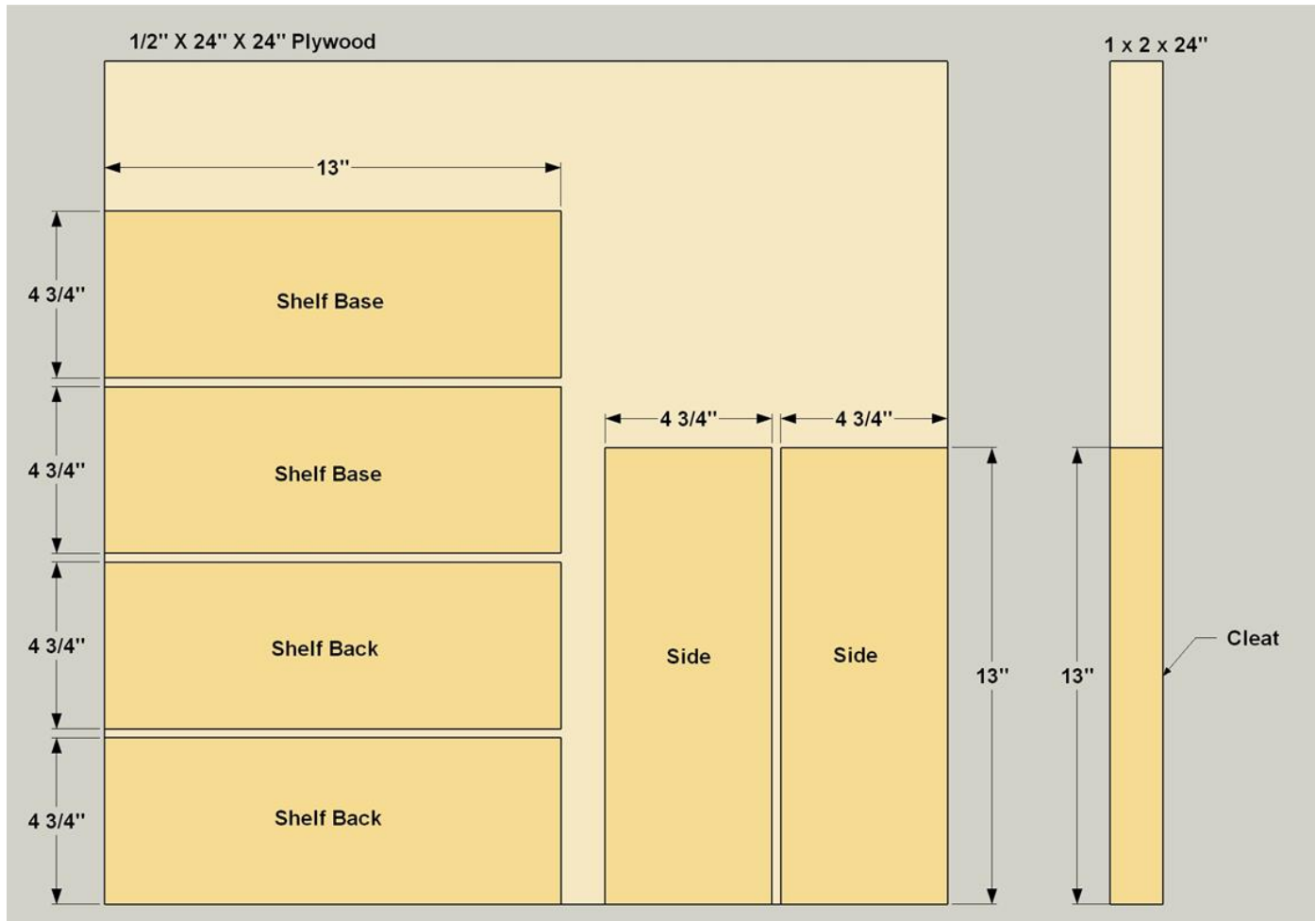
Parts/Cut List:

(2) Shelf Base, 1/2" x 4 3/4" x 13" ply

(2) Side, 1/2" x 4 3/4" x 13" ply

(2) Shelf Back, 1/2" x 4 3/4" x 13" ply

(1) Cleat, 3/4" x 1 1/2" x 13" Pine



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