

Floating Shelves with Sides

Difficulty
Moderate

Quick and easy shelf build. These plans will build two floating shelves, a larger shelf on the bottom and a slightly smaller shelf that can be installed above it.

see the Extras tab for drawings and dimensions





Tools

Kreg Tools



[Kreg@ Pocket-Hole Jig 720](#)



[Precision Router Table System](#)



[Mobile Project Center](#)

Other Tools

Miter Saw

Square

Table Saw

Tape Measure

Clamps

Drill (cordless)

Impact Driver

Nail Gun

Sander

Materials

Wood Products

4 Board , 1x8 , 96"

Hardware & Supplies

10 Kreg Pocket Hole Plugs

10 Kreg 1 1/4" Pocket Hole Screws

Cut List & Parts

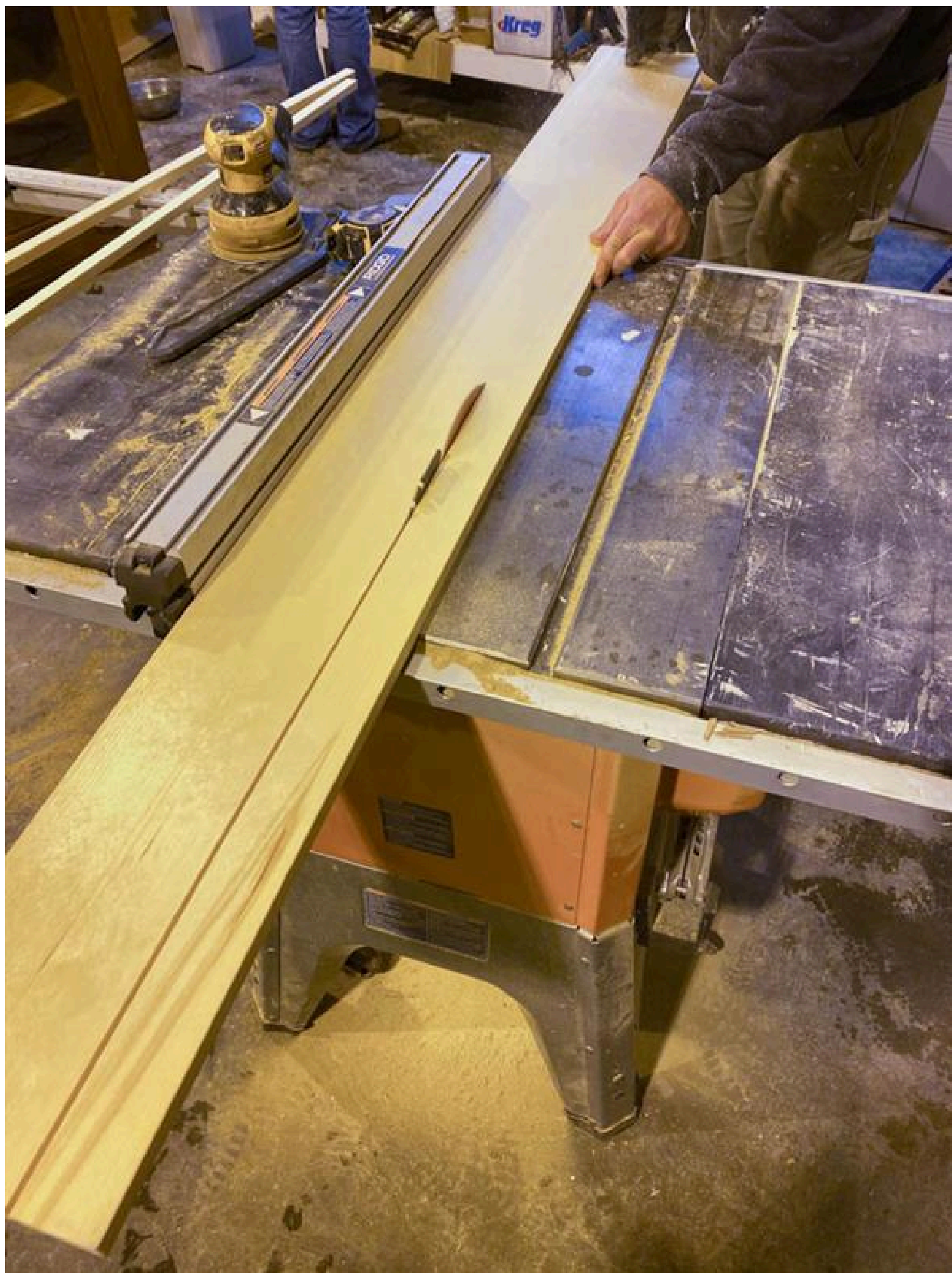
- 2 A , 5" X 52 1/2" X 3/4"
- 1 B , 6 1/2" X 52 1/2" X 3/4"
- 2 C , 4 1/4" X 5 3/4" X 3/4"
- 1 D , 4 3/4" X 52 1/2" X 3/4"
- 2 E , 4 1/4" 4" X 3/4"

Directions

1

Cut 1x8s to size

Following the drawings in the "Extras" tab cut your four 1" x 8" to length and width



2**Add angle to bottom plates**

as noted in drawings add your 45 deg cut to the front face bottom side of you two bottom shelves (Part B & D)



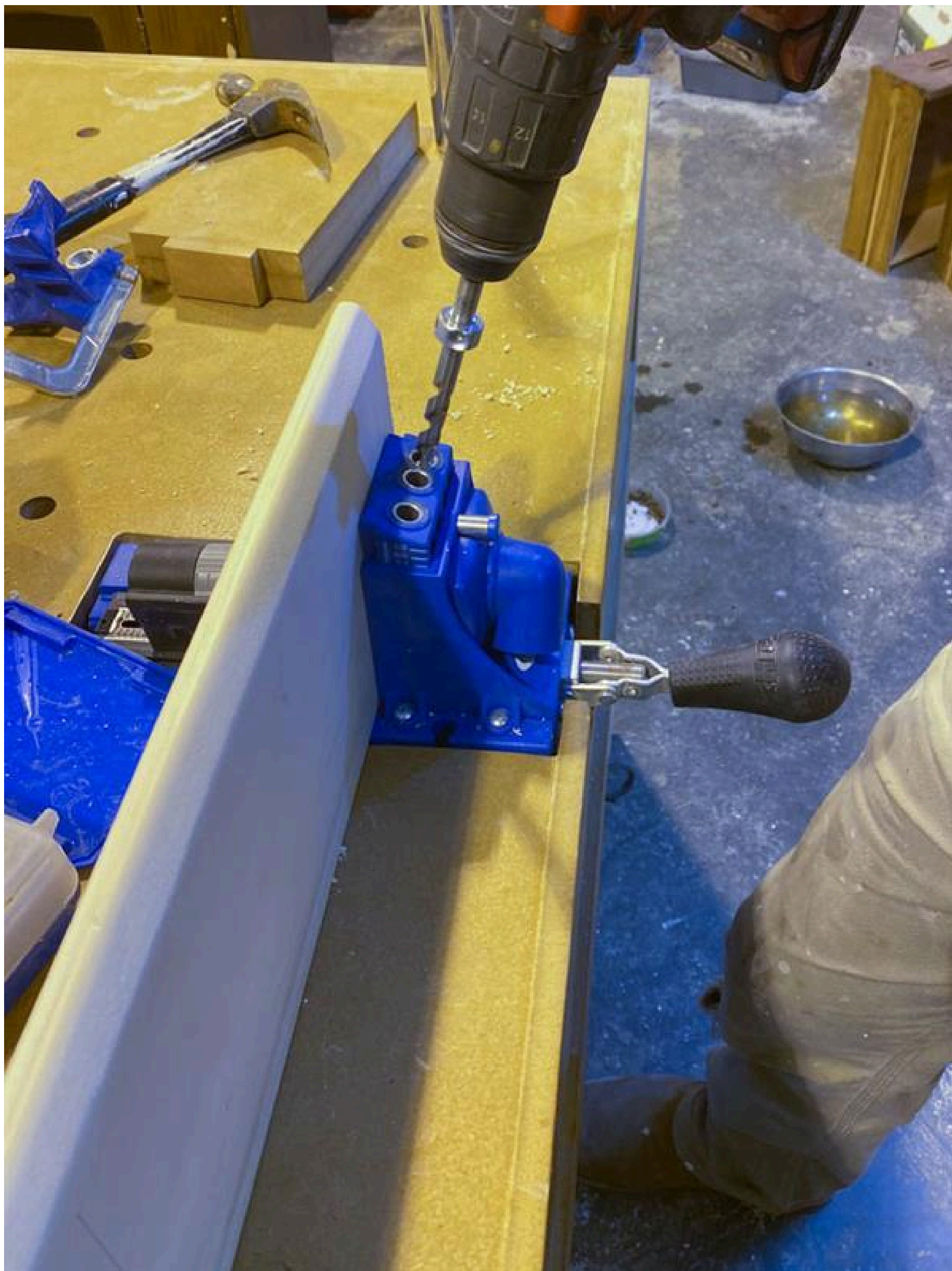
3**Add Radius to bottom plates**

using a router, add a 3/16" radius to the front top side of your bottom plate (Parts B & D)



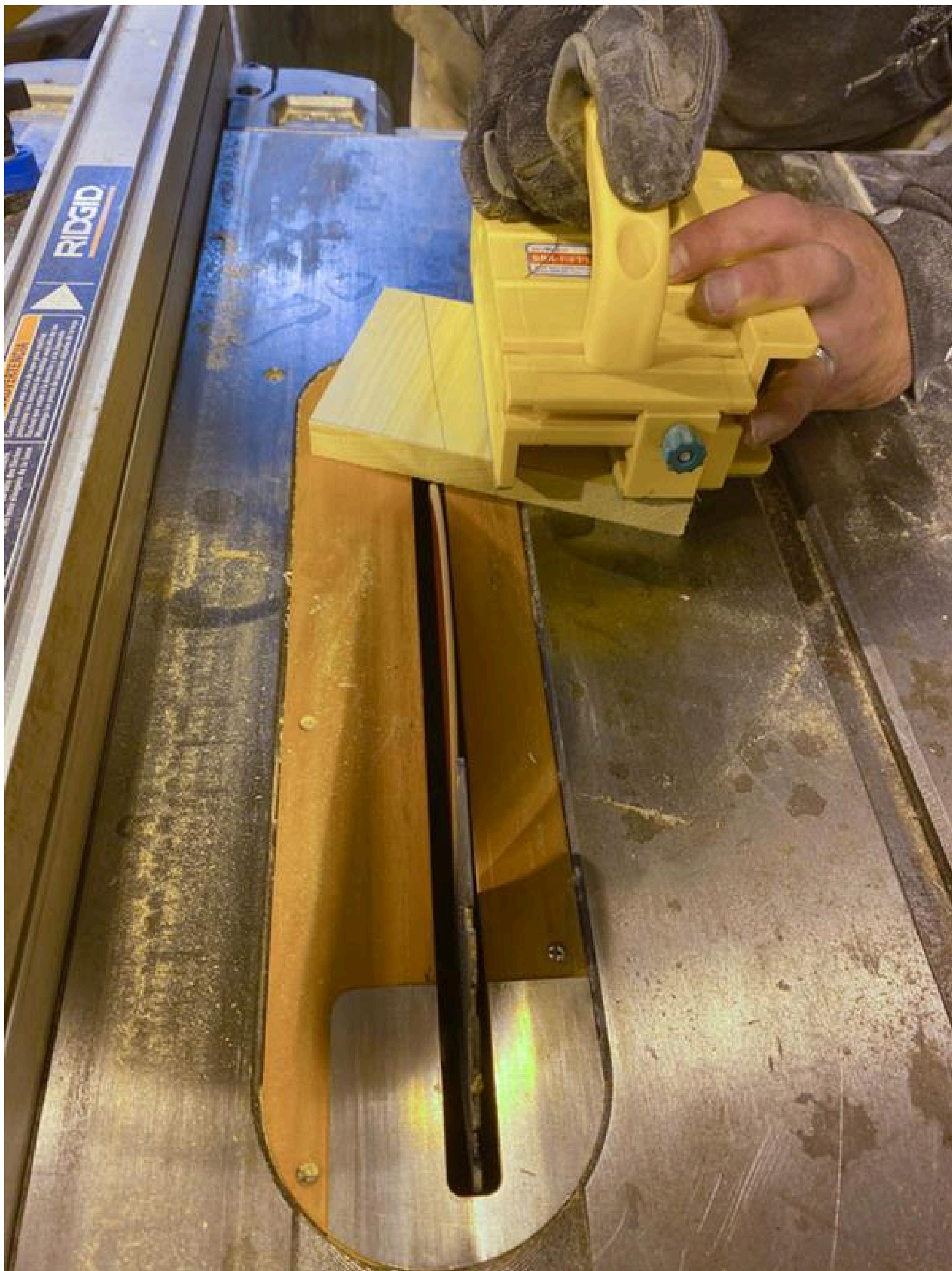
4**Add pocket holes**

Using your Kreg pocket jig, drill your pocket holes on the bottom side of Part B & D



5**Cut sides**

Following the dimensions on the drawings, cut out the side pieces for both shelves (Part C & E)



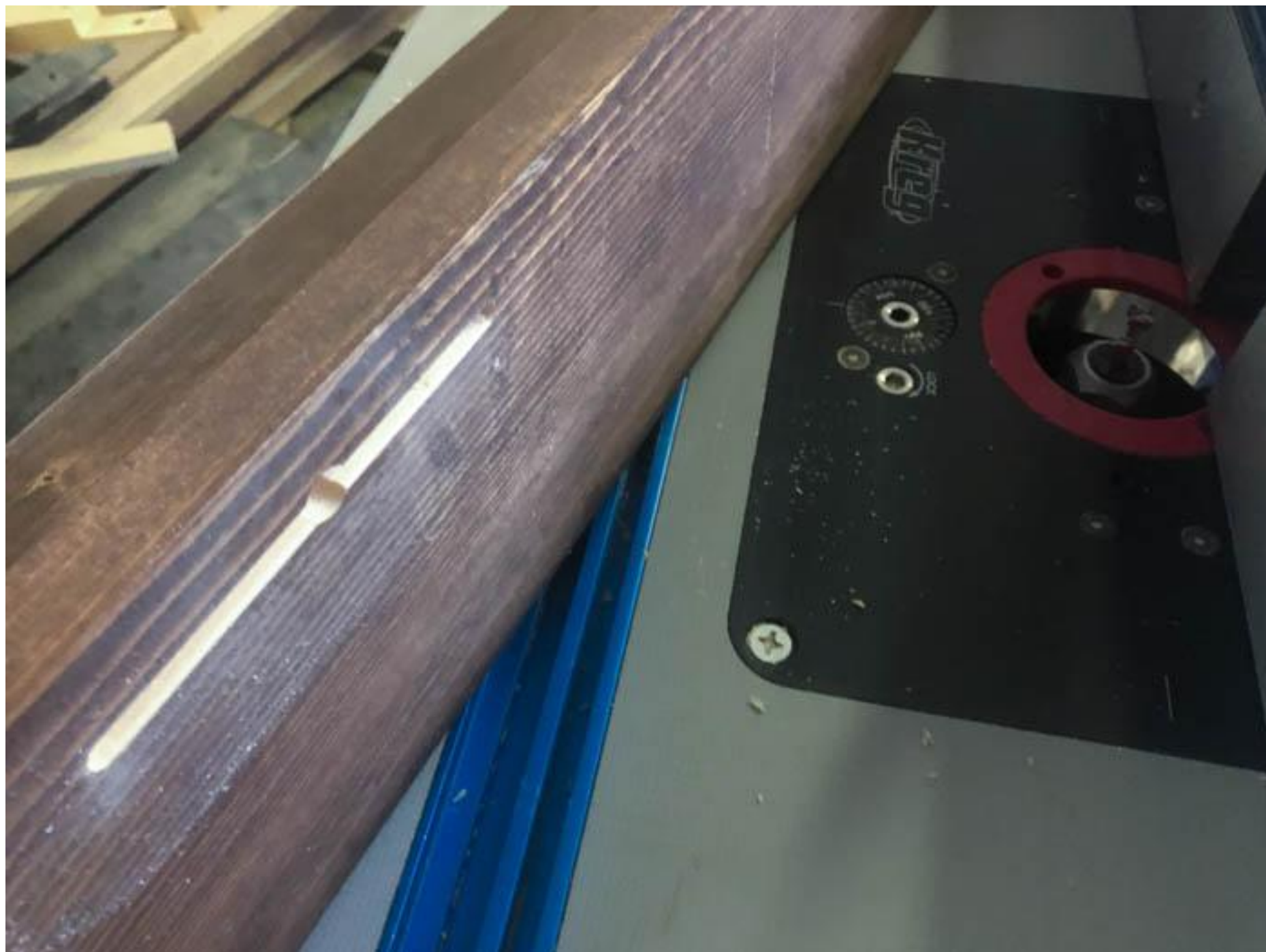
6**Sand all pieces**

before assembly, lightly sand all pieces. We rounded all the edges in the front lip down to give it a nice smooth finish



7**Add Key holes**

to hang the shelves on the wall we used key holes. We routed 5" long slots starting 2" in from the ends. Depending on Stud locations you may want to customize this.



8**Assemble Back and Bottom**

Assemble backs and bottoms of the small and large shelves. We used wood glue and pocket hole screws in the pocket holes to secure together.



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Fill Pocket holes

Using Kreg plugs, we filled all the pocket holes



10

Attach sides

attach the sides to the ends of the shelves as per the drawings. Secure with wood glue and brad nails



11**Final sand**

fill any imperfections/holes with wood filler, let dry, and give the piece a final sand



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Stain

Stain and let dry - we used Varathane Dark Walnut Wood Stain



13**Varnish**

once stain dries Varnish the shelves to protect - we used Minwax Clear Matte Latex Polycrylic Finish. We like this finish as it doesn't yellow once it dries.



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Mount Shelves

mount your shelves to the wall using your key holes and enjoy!

