



Octagon Table

Free Plans to Build a Octagon Table



Materials and Tools

MATERIALS:

- Edge banding (optional)
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

LUMBER:

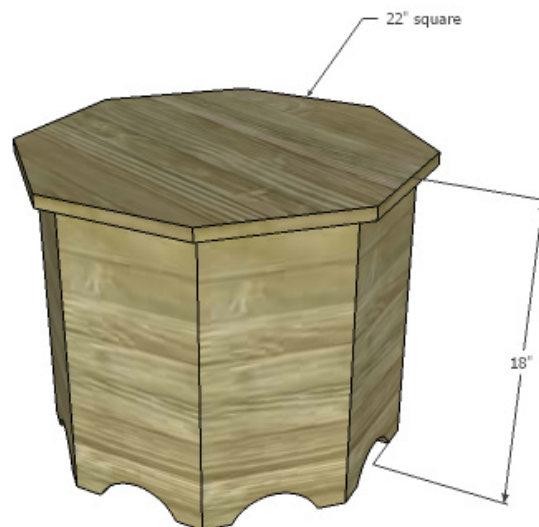
- 1 - 2' x 4' x 3/4" PureBond plywood project panel
- 1 - 4' x 4' x 3/4" PureBond plywood project panel (Walnut was used in example)

TOOLS:

- Jigsaw, table saw, miter saw, or hand saw
- Brad nailer
- Pencil, ruler, square
- Tape measure
- Sander
- Iron for edge banding
- Edge banding trimmer or craft knife

CUT LIST:

- 8 - 3/4" plywood at 8-1/8" x 17-1/2" - Base Panels
- 1 - 3/4" plywood at 22" x 22" - Top
- 1 - 3/4" plywood at 18-1/4" x 18-1/4" - Top Insert



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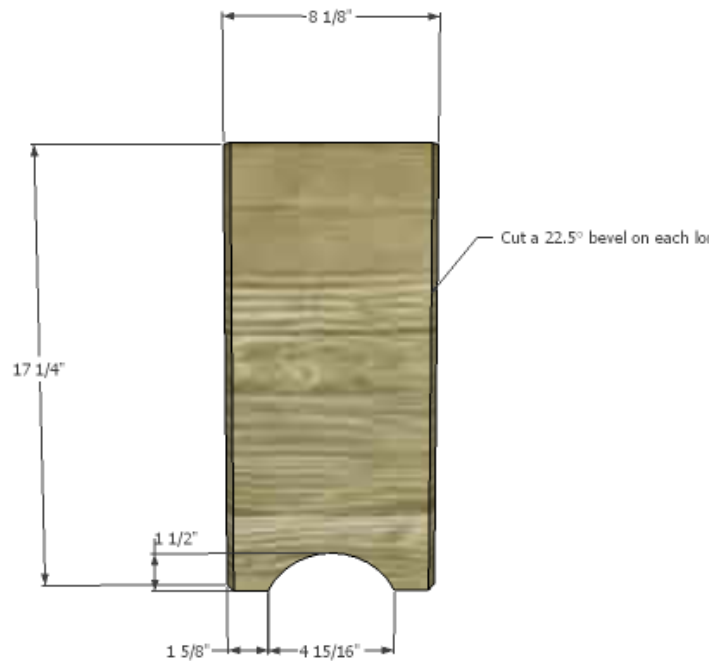
STEP 1

Notes:

Edge banding will be applied to the exposed edges of the plywood prior to assembly. In this case, it will be the outer edges of the top.

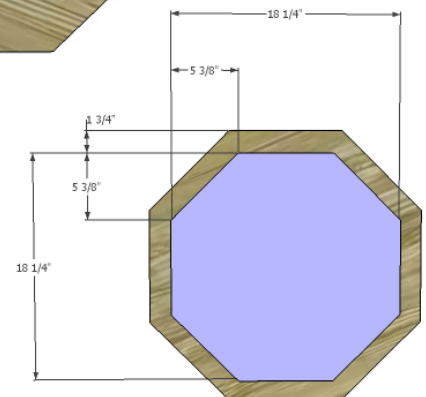
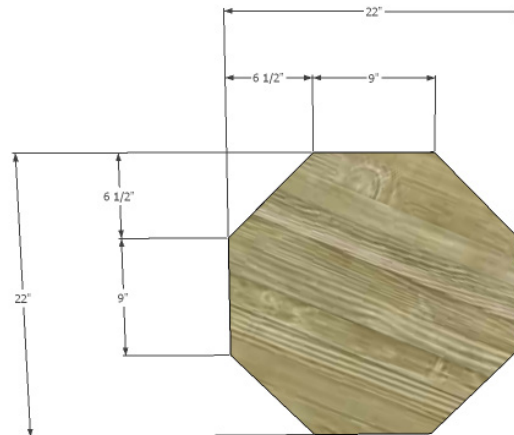
Cut the pieces for the base. Cut a 22.5° bevel along each long edge of each piece. Cut the arc in the bottom using a jigsaw or a bandsaw – the arcs are optional!

The pieces will be glued to each other along the beveled edges, then secured with painter's tape until the base assembly is dry. A few toenailed brad nails can be used to further secure the base panels.



STEP 2

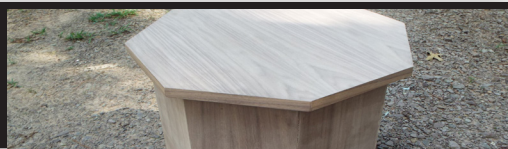
Cut the pieces for the top and the top insert. Secure the insert to the underside of the top using glue and 1-1/4" brad nails.



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STEP 3

Position the top and insert inside the base, and secure with 1-1/4" brad nails through the upper edge of the legs into the insert.

Finish as desired.



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