

# WOODWORKER'S JOURNAL

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## Classic Project



### In this plan you'll find:

- Step-by-step construction instruction.
- A complete bill of materials.
- Construction drawings and related photos.
- Tips to help you complete the project and become a better woodworker.

## Candle Holder

**GIFT SHOP**

By Michael Mikutowski

### Candle Holder

In our part of the country, the Wisconsin and Minnesota area, there are many variations of these simple candle holders. We give instructions for a five-candle holder, but you can vary the number of candles to suit your taste. The holders are designed to take 1/2 in. diameter candles. They can be made from oak, as in the photograph, or another hardwood such as ash, cherry or walnut.

**Step 1:** Cut a piece of 3/4 in. thick hardwood to the size shown, and pencil in the layout. Note that each piece must be sanded, so extra material is allowed on the sections with saw cuts on both sides. After sanding, the legs of the four L sections should be the same width.

**Step 2:** Cut out the pieces using a band saw, a scroll saw or a hand-held jigsaw. First crosscut to the line, then meet those cuts by cutting with the grain or ripping.

**Step 3:** With the pieces cut apart, lay out and drill the 1/2 in. diameter by 1/2 in. deep candle holes. This is easiest on the drill press. If you use a hand drill, use a jig to make sure the holes are square.

**Step 4:** Sand all surfaces with 180- to 220-grit paper. Be sure to keep the inside corners square. You can check for squareness by stacking the pieces together to see if they are tight. The finished dimensions are 1 in. and 1/2 in. as shown.

**Step 5:** Turn the holder upside down and insert thin cardboard spacers in each slot (posterboard and file folders work well). The cardboard should be about 1/2 in. thick. The cardboard provides enough space to allow the pieces to pivot freely.

**Step 6:** Clamp the holder together so that all the pieces are in line and tight. Drill a 1/8 in. diameter hole through all the pieces as shown, stopping 1/8 in. short of going through the top piece, which is now at the bottom of the stack.

**Step 7:** Glue a 4 in. long dowel into the hole in the top piece. When the glue is dry—an hour or so if you used yellow glue—stack the rest of the pieces in place. Then cut off the dowel flush with the bottom. The dowel should fit snugly so all the pieces can pivot freely, but are held on by friction.

**Step 8:** Trim the holder square on the table saw. Then sand out the saw marks and break the edges with sandpaper. Finish the holder with two or three coats of Watco Danish Oil.

Use a drill press or a jig to keep the drill bit square to the work.

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*Step 2:* Cut out the pieces using a band saw, a scroll saw or a hand-held jigsaw. First crosscut to the line, then meet those cuts by cutting with the grain or ripping.

*Step 3:* With the pieces cut apart, lay out and drill the 1/2 in. diameter by 5/8 in. deep candle holes. This is easiest on the drill press. If you use a hand drill, use a jig to make sure the holes are square.

*Step 4:* Sand all surfaces with 180- to 220-grit paper. Be sure to keep the inside corners square. You can check for squareness by stacking the pieces together to see if they are tight. The finished dimensions are 1 in. and 1/2 in. as shown.

*Step 5:* Turn the holder upside down and insert thin cardboard spacers in each slot (posterboard and file folders work well). The cardboard should be about 1/32 in. thick. The cardboard provides enough space to allow the pieces to pivot freely.

*Step 6:* Clamp the holder together so that all the pieces are in line and tight. Drill a 3/16 in. diameter hole through all the pieces as shown, stopping 1/8 in. short of going through the top piece, which is now at the bottom of the stack.



Use a drill press or a jig to keep the drill bit square to the work.

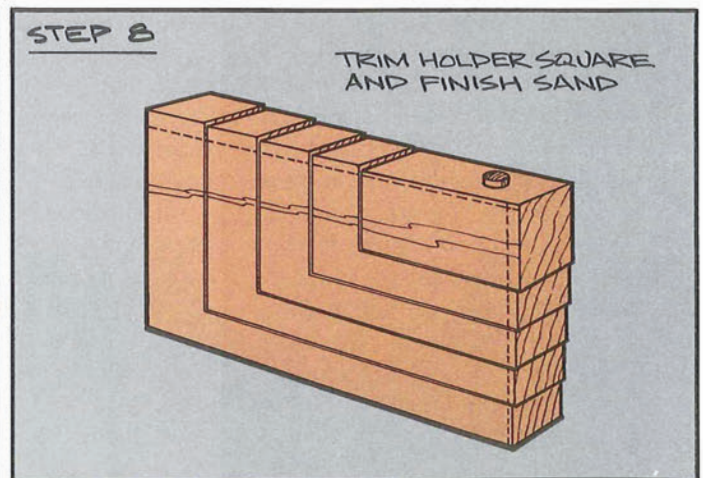
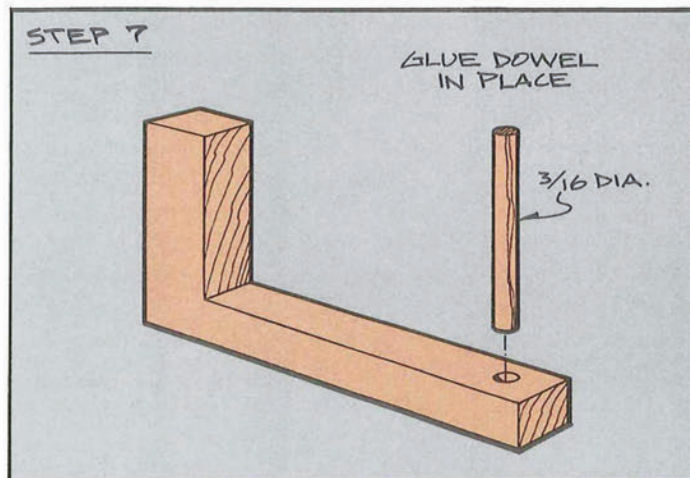
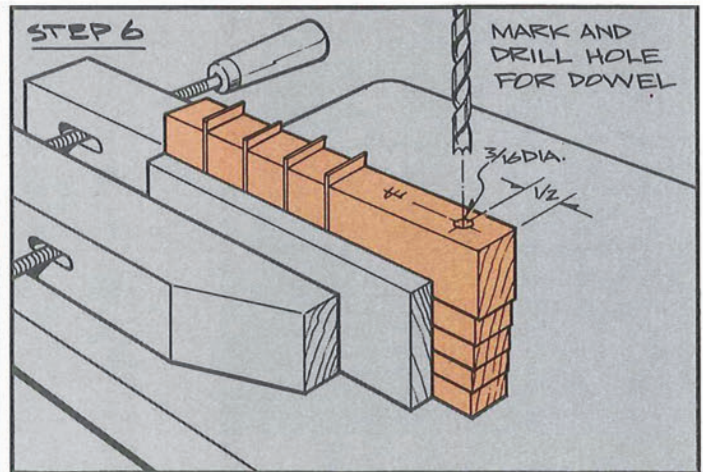
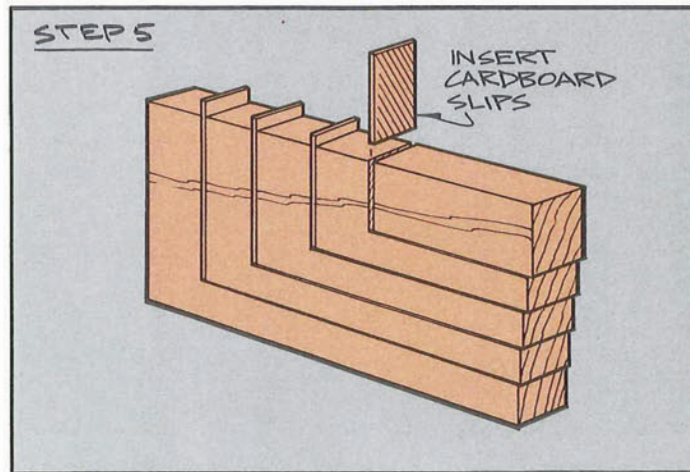
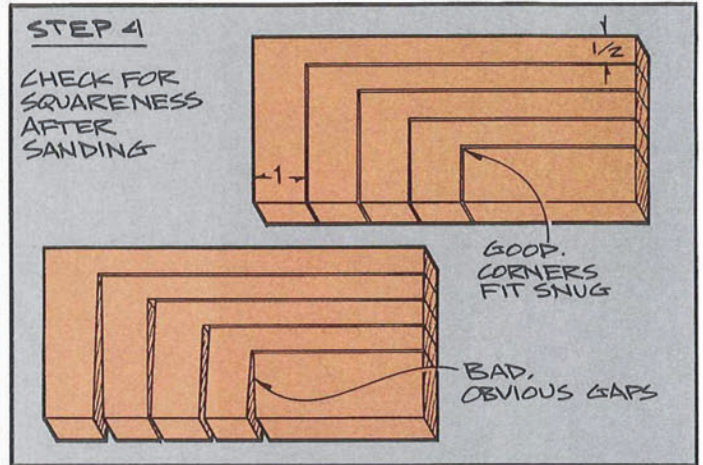
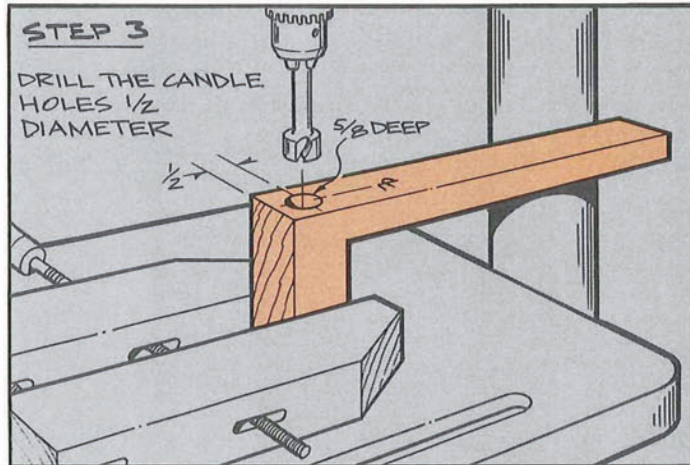
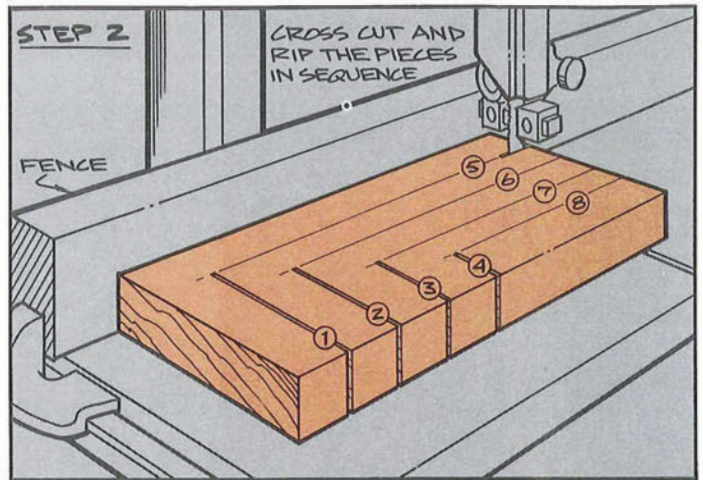
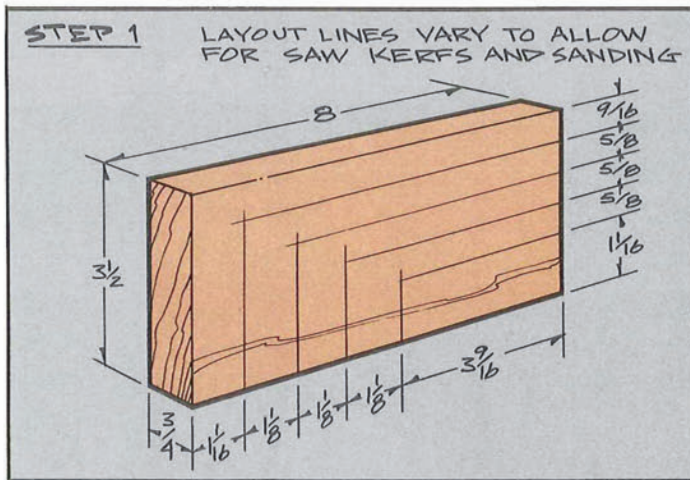
*Step 7:* Glue a 4 in. long dowel into the hole in the top piece. When the glue is dry — an hour or so if you used yellow glue — stack the rest of the pieces in place. Then cut off the dowel flush with the bottom. The dowel should

fit snugly so all the pieces can pivot freely, but are held on by friction.

*Step 8:* Trim the holder square on the table saw. Then sand out the saw marks and break the edges with sandpaper. Finish the holder with two or three coats of Watco Danish Oil.







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