

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 Holders

Candle Holders
A great scrapbox gift project

These unique candle holders come to us courtesy of Brad and Sandy Smith, owners of Bradford Woodworking in Worcester, Pennsylvania. A saw kerf cut down the center of the holder creates a spring-clamp action that secures the candle. Ours are made from oak, although any straight-grained hardwood can be used. This procedure results in a pair of candle holders.

To begin, you'll need a piece of stock measuring 1 1/8 in. square by 11 in. long (Fig. 1). For safety's sake, avoid using stock that's any shorter than 11 in. Mark a center point 4 1/8 in. from each end, then use the drill press and a 1 1/8 in. diameter Forstner bit to bore a pair of through-holes as shown. Also, bore the candle hole on each end. Although our candles needed a 3/8 in. diameter by 3/4 in. deep hole, other candles may require a different hole size. It's best to check your candles before boring. Next, set your table saw blade to a height of 3 in. and locate the rip fence so that the blade will make a cut exactly down the center of the stock. Clamp a stop block to the rip fence, taking care to locate the block so that it will stop the stock as soon as the saw blade kerf extends to the 1 1/8 in. diameter hole (Fig. 2). Include a featherboard in the setup to help hold the stock against the rip fence.

Start the saw, then begin feeding the stock. Be sure to use a hold-down pusher to keep your hands well away from the saw blade. When the stock contacts the stopblock, shut off the saw and allow it to come to a complete stop, then remove the stock from the blade. Flip the stock end for end and repeat the cut on the other end.

Now, lower the blade to 1 1/4 in. and crosscut the stock into two 5 1/2 in. lengths. Final sand, then apply two coats of penetrating oil for a final finish.

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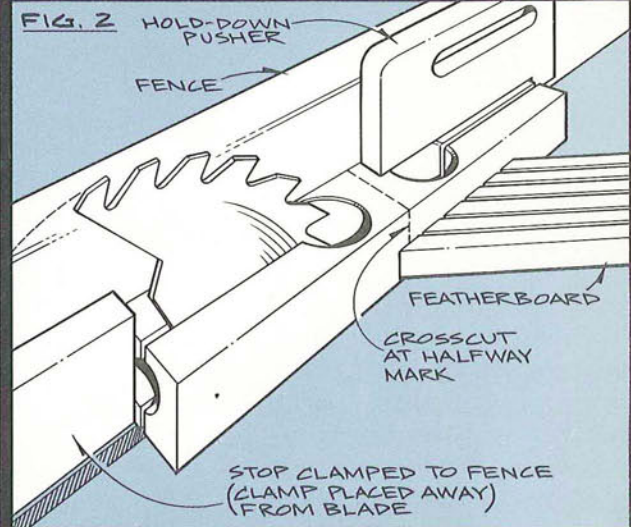
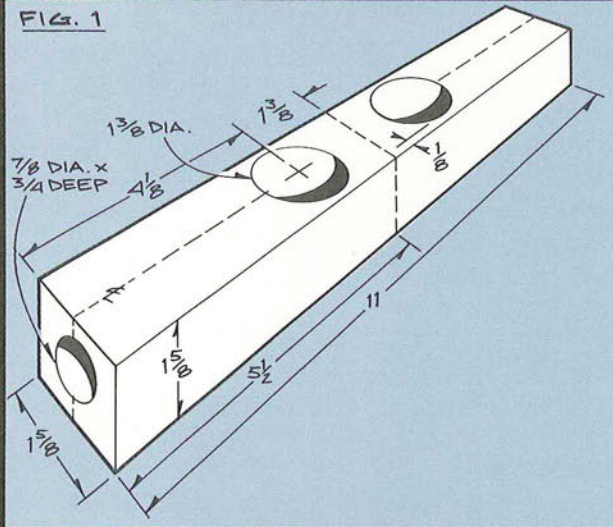
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To begin, you'll need a piece of stock measuring $1\frac{5}{8}$ in. square by 11 in. long (Fig 1). For safety's sake, avoid using stock that's any shorter than 11 in. Mark a center point $4\frac{1}{8}$ in. from each end, then use the drill press and a $1\frac{3}{8}$ in. diameter Forstner bit to bore a pair of through-holes as shown. Also, bore the candle hole on each end. Although our candles needed a $\frac{7}{8}$ in. diameter by $\frac{3}{4}$ in. deep hole, other candles may require a different hole size. It's best to check your candles before boring. Next, set your table saw blade to a height of 3 in. and locate the rip fence so that the blade will make a cut exactly down the center of the stock. Clamp a stop block to the rip fence, taking care to locate the block so that it will stop the stock as soon as the saw blade kerf extends to the $1\frac{3}{8}$ in. diameter hole (Fig. 2). Include a featherboard in the setup to help hold the stock against the rip fence.

Start the saw, then begin feeding the stock. Be sure to use a hold-down pusher to keep your hands well away from the saw blade. When the stock contacts the stopblock, shut off the saw and allow it to come to a complete stop, then remove the stock from the blade. Flip the stock end for end and repeat the cut on the other end.

Now, lower the blade to $1\frac{3}{4}$ in. and crosscut the stock into two $5\frac{1}{2}$ in. lengths. Final sand, then apply two coats of penetrating oil for a final finish.



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Thank you again for your purchase, and happy woodworking!

Matt Becker
Internet Production Coordinator