

# Making Wooden Candle Holders to a Pattern

## A. Materials List:

QUANTITY	LETTER	NAME	FINISHED SIZE	MATERIAL
2	A	Candle Holders	2 1/2" x 2 1/2" x 6 7/8"	Any wood you like turning
2	B	Surface Savers	2 1/4" Diameter	Cork

## B. Tool List:

1. Roughing gouge
2. Spindle gouge
3. Parting tool
4. Skew (for those who dare!)
5. Outside calipers

## C. Pattern:

1. Print out candle holder drawing and increase size with a duplicating machine until it is 6 7/8" tall. Make two copies.
2. Transfer both enlargements onto a poster board. Cut one out as a full size pattern. Cut the other copy to keep the negative of the pattern for use as a template. Make the negative 2 1/2" wide; one side has the negative of the pattern the other side is straight.

## D. Cutting Procedures:

1. Either start with or glue up a block of wood 3" x 3" x 7 1/4" (minimum)
2. Place the wood between the lathe centers and rough out a cylinder 2 5/8" diameter.
3. With a pencil mark the wood stock according to the shapes of the pattern. This procedure may have to be repeated from time to time as you shape the wood. The lathe should be set at its lowest speed for the markings.
4. Use a parting tool to cut the stock to the appropriate diameters. Measure the diameters with an outside caliper.
5. Shape all beads, coves, and flats with your tool of choice. Work from the larger diameter elements to the smaller.
6. Cut all shapes to proper diameter.
7. Use a parting tool to cut to length 6 7/8". **BE SURE TO PART OFF AT THE TOP END NOT THE BASE!** Set up turned stock on a drill press and clamp in a vertical position. Use a 1" Forstner bit to drill a hole 1" deep at the top end. **Note:** This step should be performed after all the lathe work is completed.

## E. Sanding and Finish Procedures:

1. Remove the tool rest; turn on lathe and sand candle holder (A) thoroughly with 120 grit sandpaper. Repeat the sanding process using 220 grit sandpaper. Finish the sanding process using 400 grit sandpaper.
2. Apply a liberal amount of Mylands high build friction polish to a rag, and with the lathe running, polish the candle holder. Apply pressure to the candle holder with the rag approximately two minutes or until a high sheen appears.
3. Remove from the lathe and glue cork surface saver (B) onto the bottom of the candle holder.

**NOTE:** Repeat cutting, sanding and finish procedures for the second candle holder.

**\*Congratulations, your wood candle holders are finished and ready to use!**

# CANDLE HOLDER

