

## Turning a Premium Shaving Brush

### Supplies Needed

- 11/32" Drill Bit
- Bottle Stopper Tap
- Bottle Stopper Mandrel
- 1-1/2" x 1-1/2" x 2" Blank
- Glue (Thick CA or Epoxy)
- Sandpaper/Finish
- Drill or Drill Press
- Eye and Ear Protection
- 1/2" Drill Chuck
- Revolving Center

### Cutting and Drilling the Blank

1. Select a blank approximately 1-1/2" diameter by 2" long with the grain running the length of the blank. Square the ends of the blank.
2. Center mark and drill a 11/32" diameter hole about 5/8" deep in the end of the blank. Make sure the drill bit is properly positioned at 90 degrees to the end of the blank prior to drilling so that the blank seats flat against the mandrel face.

*Hint: Wrap masking tape around the drill bit to act as a depth gauge.*

3. Clamp the blank securely in a bench vise. Using a 3/8"-16 tpi tap, tap the hole in the blank. Go slowly.

4. Mount the mandrel in a drill chuck. Screw the blank onto the mandrel until it registers against the face of the mandrel. Bring the revolving center and tailstock up against the blank for support while turning. (see figure 1)
5. Turn the blank to shape.
6. Remove the revolving center for final turning, sanding and finishing.

### Assembly

1. Remove the finished brush handle from the mandrel. Screw the finished brush handle onto the threaded stud of the brush. Make sure the turned brush handle seats firmly against the brush for a proper fit.

*Note: The brush can be disassembled for cleaning and refinishing as needed by reversing the steps described above.*

Figure 1

