

Turning a Dandy Duster

Supplies Needed

- Drill Bit
- Blank
- Chuck
- 2 1/2" x 3" Waste Block
- Glue (Thick CA or Epoxy)
- Sandpaper/Finish
- Revolving Center
- Eye and Ear Protection

Cutting and Drilling the Blank

1. Select a piece of wood for the handle. We suggest stock that is 1/2" larger than the brush tuft diameter and 1/2" to 3/4" longer than the desired length.
2. Mark the center of both ends of the stock.
3. Drill one end of the blank with the drill bit that match the brush tuft you are turning. The hole should be about 1/2" deep. Test the fit of the hole by inserting the brush into the hole.
4. Mount a waste block (2 1/2" square by 3" long) on the lathe with a chuck or faceplate.

5. Round the waste block into a cylinder. Next cut a drive tenon on the end that will fit snugly into the drilled hole of the handle. This tenon should be a little longer than the depth of the drilled hole. This extra length will allow you to work on this end of the handle. (See Drawing)
6. Mount the handle on the lathe between the drive tenon and a revolving center. (See Drawing)
7. Turn, sand, and finish the handle to your desired shape. (See Drawing)
8. Remove the handle and cut off the waste wood from the revolving center end of the handle. Hand sand and finish this area.
9. Use an epoxy or thick gap-filling super glue to secure the tuft in the handle. Spread the glue around the hole to get an even coat. Don't use too much, or it will be forced out around the handle and tuft. Insert the tuft.
10. After the glue is dry, a few stray hairs may stand out from the tuft. Trim them off by sliding a sharp knife between the hair and the rest of the tuft and cut it off at the base.

