

## Finish Bottle and Brush

Adapted from Woodworking at Home Issue #7 December 2003 by Dick Sing



### Materials:

$\frac{3}{4}$  X 2.5 X 2.5 inch hardwood for top,  $\frac{3}{4}$  X  $\frac{3}{4}$  X 5 inch hardwood for handle and 1  $\frac{1}{4}$  X 1  $\frac{1}{4}$  X  $\frac{3}{4}$  hardwood of contrasting color for inlay. Brush,  $\frac{1}{2}$  inch from Ace or craft store. Bottle with lid, I use spice bottles.

### Procedure:

For turning the top and inlay, I use a flat disk that threads onto the spindle. This provides a flat surface so I can use double stick tape to attach the top and inlay blanks for turning.

### Lid:

Use double sided tape to attach 2.5 inch lid blank to the disk. Bring up tail stock for support and turn blank round.

Hollow so bottle lid fits into hollow.

Tape bottle lid into hollowed top with double sided tape.

Using Jacobs chuck, drill  $\frac{1}{4}$  inch hole through lid and hardwood top.

### **Inlay:**

Use threaded disk and attach inlay blank to disk with double stick tape. Use tail stock support when roughing to round.

Turn straight-sided cylinder about  $\frac{3}{4}$  inch diameter and part off about  $\frac{1}{2}$  inch thick.

### **Handle:**

Mount handle blank in a small jaw chuck and rough round using tail stock support.

Use a Jacobs chuck in tail stock to drill a  $\frac{1}{4}$  inch hole 1  $\frac{1}{2}$  inches deep.

Use tail stock support and turn handle tenon about  $\frac{1}{8}$  inch diameter less than inlay diameter and  $\frac{1}{2}$  " long. This will give a  $\frac{1}{16}$  inch contrasting ring.

Rough shape handle.

### **Brush:**

Wrap brush handle interface with tape and insert into chuck. Mark brush so it will be about  $\frac{1}{4}$  inch from the bottom of the bottle. From this mark turn a  $\frac{1}{4}$  X 1  $\frac{1}{4}$  inch tenon on brush. Check fit with hole in handle.

### **Lid:**

Remount lid by expanding chuck jaws into hollow. Rough shape lid. Add embellishments as desired.

Measure inlay diameter and turn straight-sided mortis for inlay. Check fit frequently..

Glue inlay into lid with CA.

### **Lid and Handle:**

Remount chuck with lid and inlay.

Turn inlay flush and then turn mortis into lid inlay for handle. Check fit.

Glue handle into lid with CA. Use tail stock support.

Final shape handle and lid.

Sand, finish and part off handle.

### **Assemble:**

Dry fit parts and then use epoxy for final glue up.

