

## PEPPER MILL TURNING STEPS

Duey Marthaller

Blank Size = 2 ½ X 2 ½ X 11

1. Round Blank between centers.
2. Secure in chuck, true free end, and round.
3. Drill 1 ¾" dia hole about 3/8 inch deep in free end.
4. Drill 1-1/8" dia hole about 1 1/8" deep (from bottom of first hole).
5. Drill 1" dia hole about 6" into blank. Bring in tail stock with cone to stabilize.
6. Finish turning outside to desired shape and part off.
7. Shape end of remaining blank for bottom of top section. Tenon should be less than 3/16" high and just slightly less than 1 ½" in dia (see drawing).
8. Drill 7/8" dia hole. Depth equals thickness of stem guide plate.
9. Drill 21/64" dia hole to depth greater than top height.
10. Finish turning outside to desired shape and part off.
11. Reverse base and secure bottom end in expanding chuck. Check for true and adjust if necessary.
12. Finish top end of base and drill 1 1/2" hole about 3/16" deep.
13. Drill 1" dia hole to meet existing 1" dia hole drilled from other end.

Base is complete.

10 1/2" x 2 1/2" SQ

DIAMETERS

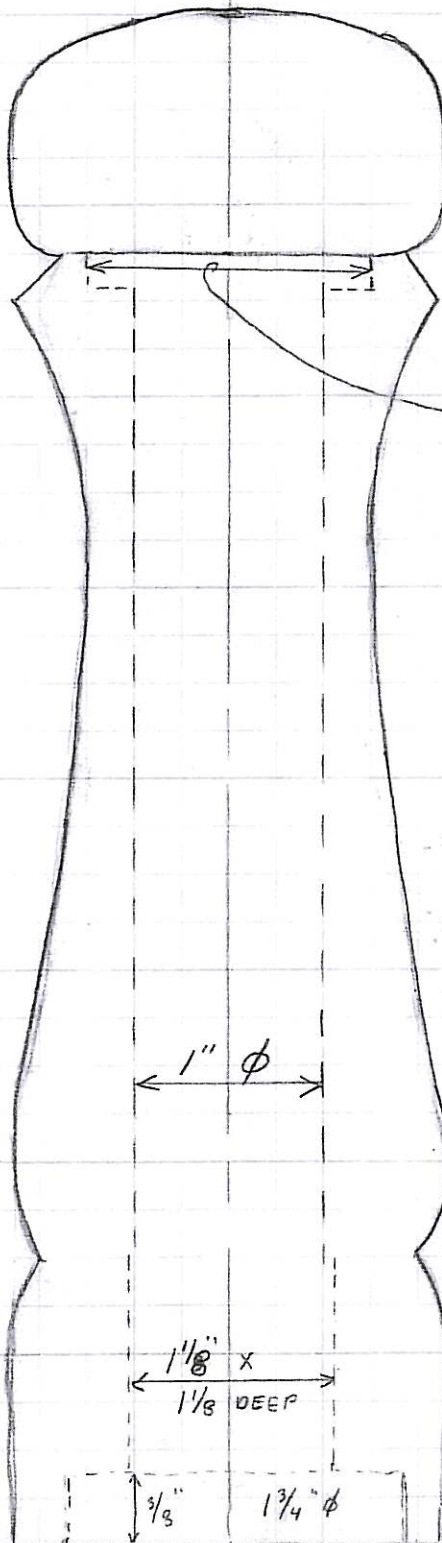
2 1/4"

2 1/4"

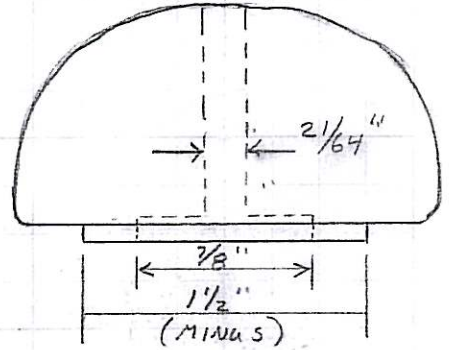
1 1/2"

2 1/4"

2 1/4"



1 1/2"  $\phi$  x 3/16" DEEP



TOP DETAIL

1. 1 1/2"  $\phi$  x 3/16" DEEP
2. 1 1/2"  $\phi$  x 1/2" DEEP
3. 1 1/2"  $\phi$  x 1/2" DEEP
4. Finish PART
5. 7/8"  $\phi$  x 1/2" DEEP

HOLE FOR  
SALT  
SHAKER  
BTM 1"  
TOP 1 1/4"

8" PEPPERMILL