

## Turning a Standard Peppermill

### Supplies Needed

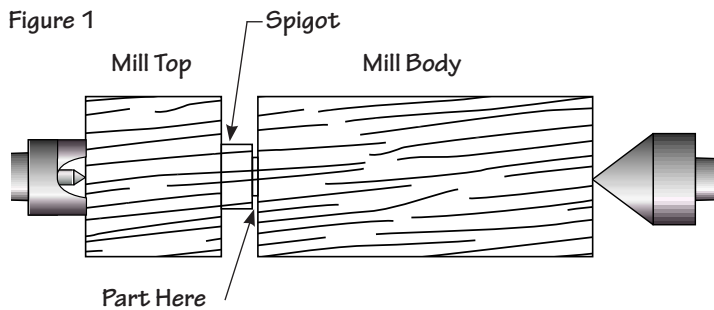
- Blank
- 1 1/2" Forstner Drill Bit
- 1" Forstner Drill Bit
- 1/4" Drill Bit
- 11/32" Drill Bit
- Sandpaper/Finish
- Drill or Drill Press
- Drive Center
- Revolving Center
- Eye and Ear Protection

### Selecting the Blank

1. Select a 2-3/4" square blank that is 1" longer than the mechanism you have selected. The overall length of the completed mill needs to be 1/8" longer than the shaft of the mill.

### Mounting the Blank

1. Mount the blank between center and rough turn to about 2-1/2" in diameter (see figure 1). Layout the mill top and spigot on the blank and part them.



### Drilling the Blank

1. Drill holes for the peppermill (see drawing).
2. Drill a 1-1/2" diameter hole 3/8" deep into the base of the mill body.
3. Drill a 1" hole the rest of the way through the mill body.
4. Drill a 1/4" hole through the mill top.

### Finish Turning the Blank

1. Turn the base and top to the desired shape.
2. Turn a 1" spigot 1/2" long to fit into the top of the mill body (see drawing). Then apply your favorite finish.
3. Drill an 11/32" diameter recess hole about 3/8" deep to accept the adjustment knob collar.

### Install the Mechanism

1. Install the mechanism as shown at right.

