

# Heirloom Peppermill



## Needed:

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- 1" forstner bit
- 1 3/4" forstner bit
- 5/16" drill bit
- 1" jam chuck
- 60 degree live center
- 3 jaw drill chuck or collet
- Wood 2 1/2" to 3" square and 4" long

## Preparing the blank:

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1. Mark the center of the blank.
2. Drill a 1 3/4" hole 1/4" deep into one end of the blank.
3. Drill a 1" hole through the center of the blank. Tip: Drilling these holes on the lathe will keep things centered.
4. Using the peppermill as a template, center the peppermill over the 1 3/4" hole and mark the position of the mounting holes. Drill the mounting holes with a 5/16" drill 1/4" deep.

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## Mount the blank on the lathe:

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1. Mount a drill chuck or collet into the headstock of the lathe and attach the jam chuck.
2. Insert the recessed end of the blank onto the jam chuck. Tighten the nut on the jam chuck to expand the chuck in the hole until it is firmly held in place.
3. Bring the 60 degree live center up and into the hole in the other end of the blank until the blank is held firmly in place. Lock down the tailstock.

## Turning:

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1. Turn the blank to your desired shape.
2. Sand and coat with food safe finish.

## Mounting the mechanism:

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1. Insert the base into the recess.
2. Drill two pilot holes for the screws.
3. Screw the base into the wood.