## **PSI WOODWORKING PRODUCTS**

### **REQUIRED ACCESSORIES:**

- 5/8" Drill Bit
- 4-Prong Drive Center or Super Drive Center
- Supplied wood billets: 3" dia. x 7" & 1-1/2" dia. x 18"

## PREPARING THE WOOD FOR TURNING:

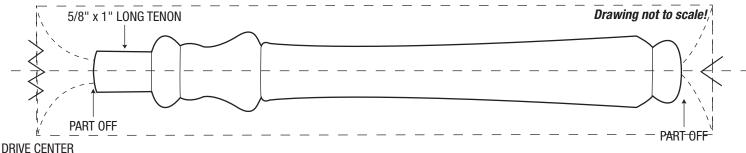
### 3" dia. Mallet Head

Mark the center on both ends of the blank. Run a straight line along the length of the blank and mark the center between the ends. Drill a 5/8" hole, 1-1/4" deep in the center of the blank perpendicular to the length.

# 1-1/2" dia. Handle

Trim the handle blank down to 11" or longer (depending on your lathe length limitations) Mark the center on both ends of the blank.

### **MALLET HANDLE**



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LIVE CENTER

# **TURNING THE WOOD:**

## 1-1/2" dia. Handle

Use a drive center on the headstock of the lathe and a live center at the tailstock. Mount the handle blank between the centers.

Turn the wood to the desired profile. Mark 1" at the top of the handle and turn a tenon to 5/8" diameter to fit into the mallet head. Leave some wood to support the ends of the handle (see diagram above).

Sand and finish the wood. Gradually part off both ends and hand finish the parted ends smooth.

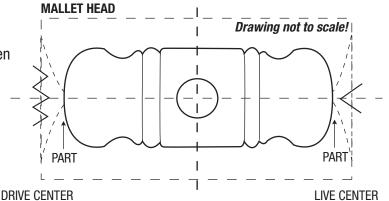
# **TURNING THE WOOD (continued):**

### 3" dia. Mallet Head

Use a drive center on the headstock of the lathe and a live center at the tailstock. Mount the blank on the lathe between these centers.

Turn the wood down to the profile of choice or follow the attached suggested profile. At the ends of the blank, leave some wood to support the mallet while finishing the wood (see diagram on right).

Sand and finish the wood. Gradually part off both ends and hand finish the parted ends smooth.



### **ASSEMBLY:**

Use a few drops of glue inside the hole at the mallet head. Insert the tenon and let dry.