

CHIEF'S SHOP SCRAP PLAN



SCRAP PROJECT: SMALL Mallet



WHAT YOU'LL NEED



LUMBER

2 x 2 cutoffs
5/8" round dowel
1/4" round dowel

HARDWARE/SUPPLIES

wood glue
boiled linseed oil

TOOLS

miter saw or handsaw
drill press or drill/driver
5/8" Forstner bit
1/4" Forstner bit
flush cut saw

ABOUT THESE PLANS

On this first page you will see above the project complete. On the last page you'll find the finished outer dimensions.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the last page of this plan document.

Throughout these plans you'll find the icons below:



LAYOUT

This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



NOTE

Notes are the instructions for a particular step/section of the project.



TAKE CARE!

This indicates when to pay close attention to the diagrams, take precautions for safety, etc.



PARTS



Head (1) - 1 1/2 x 1 1/2 x 2 7/8
Handle (1) - 5/8 x 8 3/4
Pin (1) - 1/4 x 1 1/4*
*as needed, will cut flush

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



MORE PLANS

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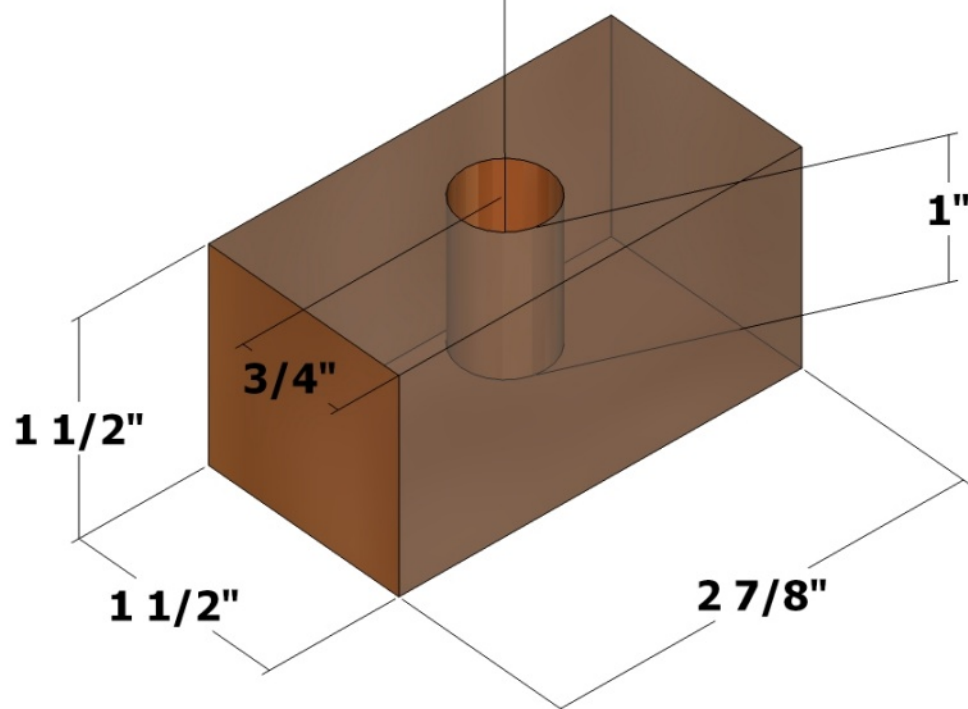
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LAYOUT

DIA 5/8"

Head



NOTE

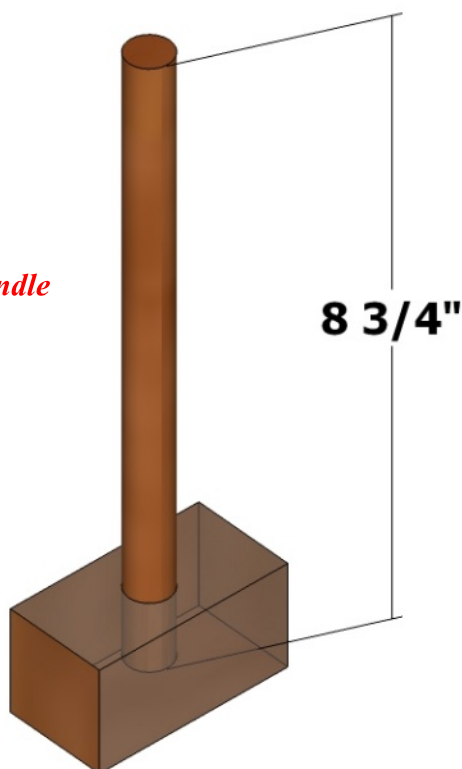
Cut the **Head** to 2 7/8 inches from 2 x 2 cutoff scrap. Drill a 5/8-inch hole 1-inch deep centered on one face.



TAKE CARE!

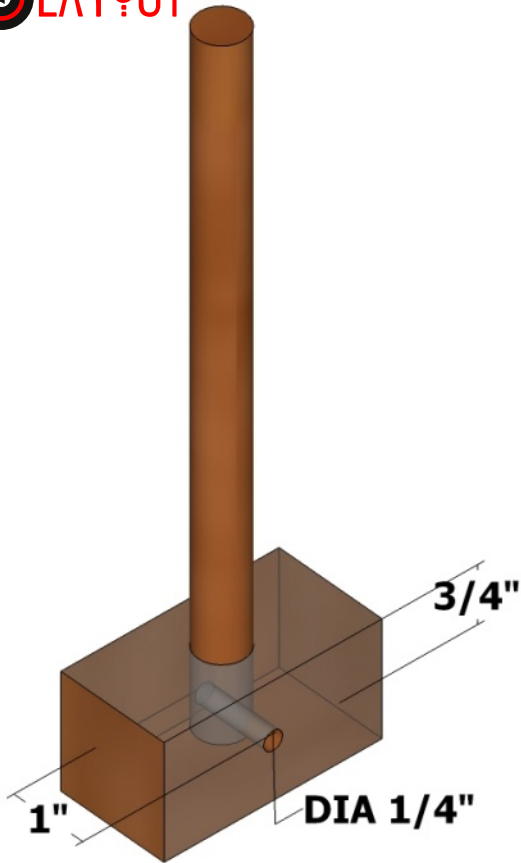
A drill press will work best, but you can drill the hole with a drill/driver. If you do use a drill/driver, make sure to clamp the **Head** in place and add a collar to your drill bit (or a piece of masking tape) to drill to the exact depth.

Handle

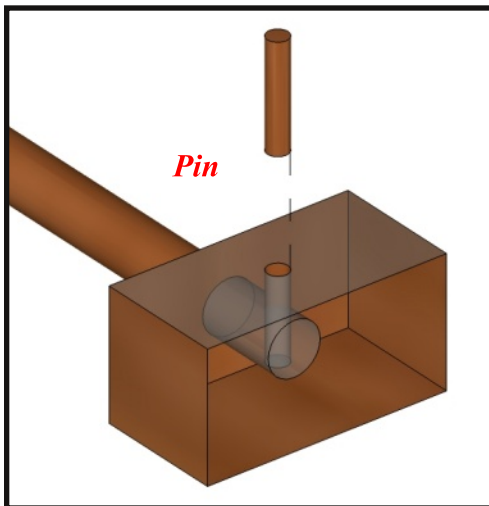
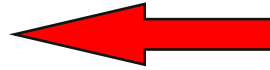


NOTE

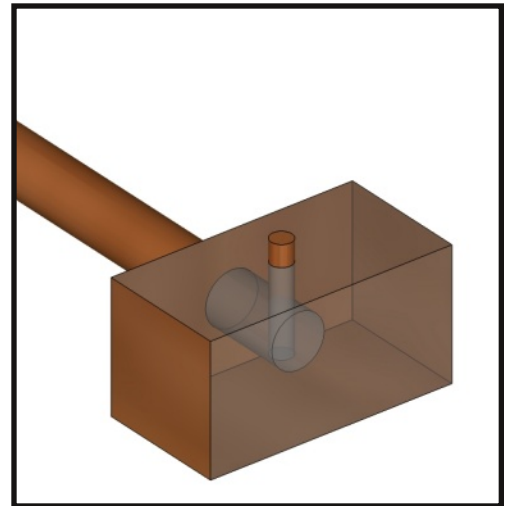
Cut the **Handle** to 8 3/4 inches from a 5/8-inch round dowel. Apply glue to the hole in the **Head** and insert the **Handle** into the hole. Tap with a hammer to make sure it is inserted completely.

 LAYOUT NOTE

Drill a 1/4-inch hole 1-inch deep centered on a face adjacent to the face with the **Handle**.

 NOTE

Apply glue to the 1/4-inch hole and insert the **Pin** (cut from 1/4-inch round dowel) into the hole. Cut flush with the face using a flush cut saw. Sand smooth the face with the **Pin** (as well as the remainder of the **Mallet**) and apply a finish as desired, such as boiled linseed oil.

 TAKE CARE!

Follow **ALL SAFETY GUIDELINES AND RECOMMENDATIONS** provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. **YOU** are responsible for your safety, so use common sense when working in the shop!