

SCROLLSAW WORKSHOP

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Digital Patterns

Designed by Steve Good



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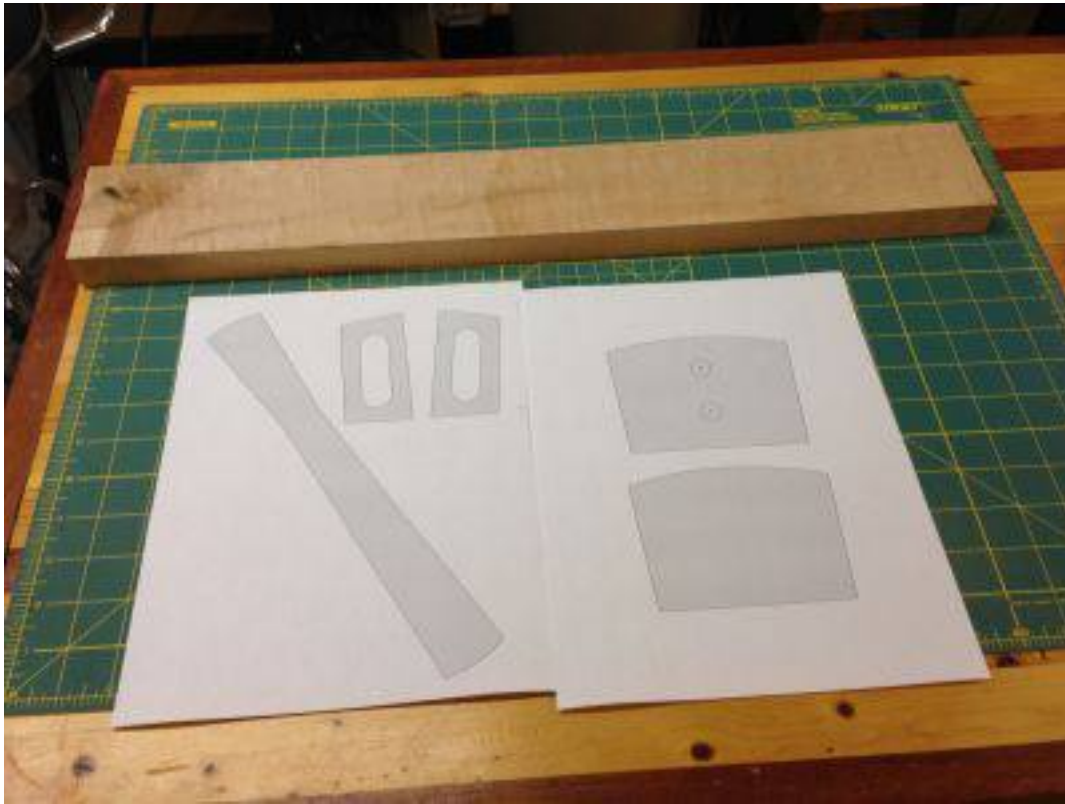
Note to commercial print employees: I give my permission to print as many of this pattern book as your customer requires.

steve@stevedgood.com

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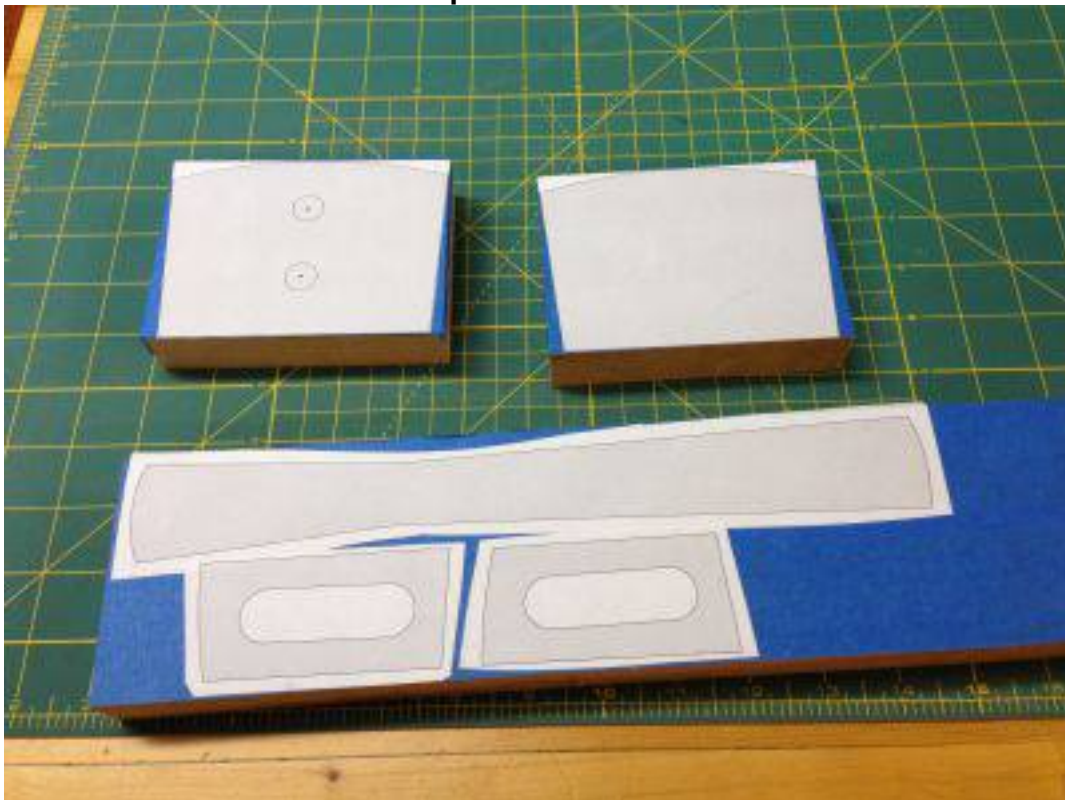
Wooden Mallet

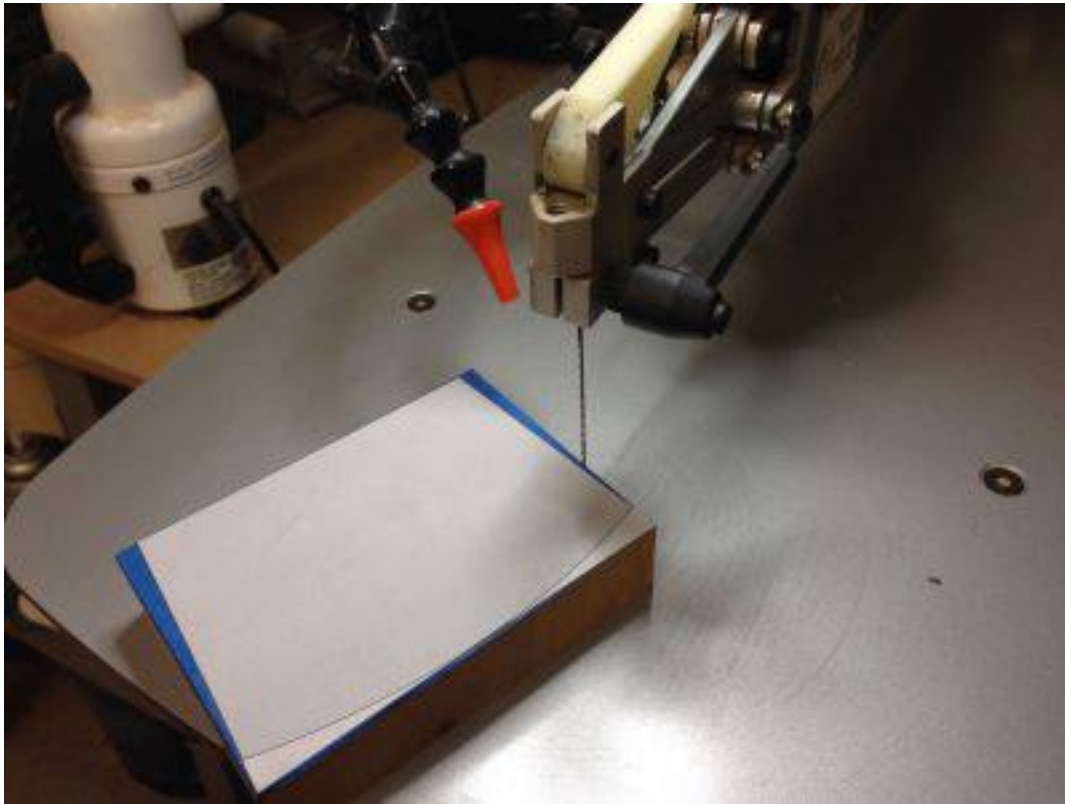




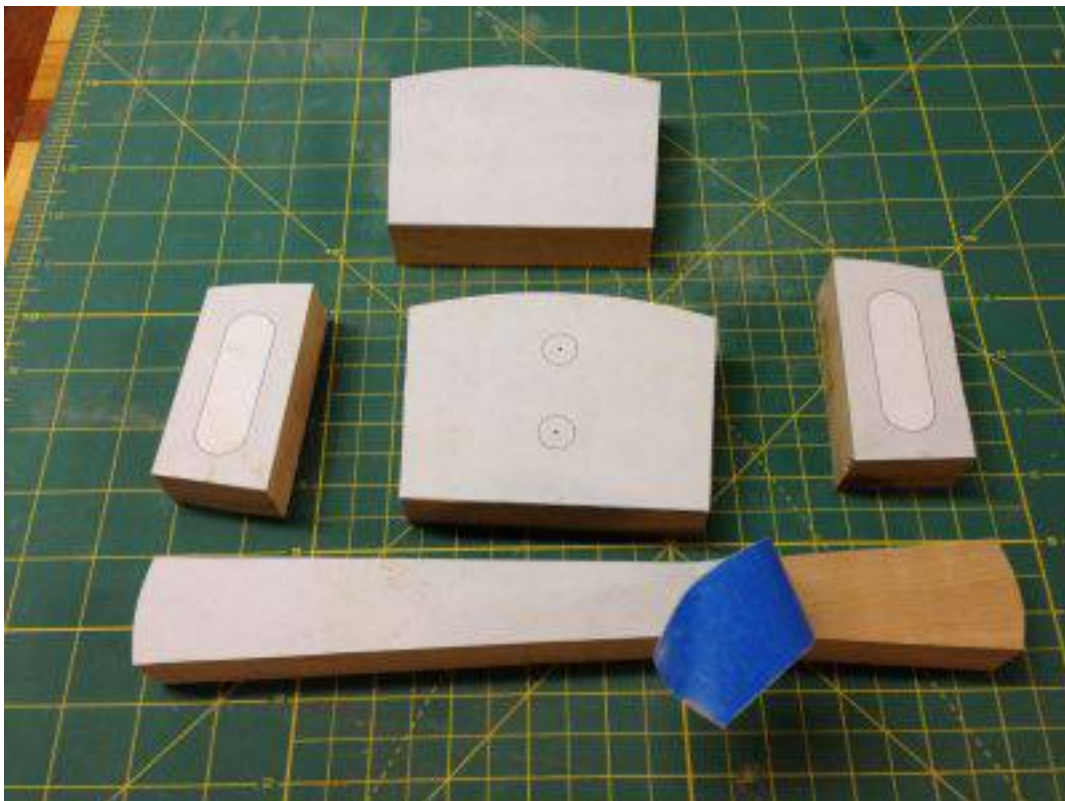
Get you wood and pattern ready.

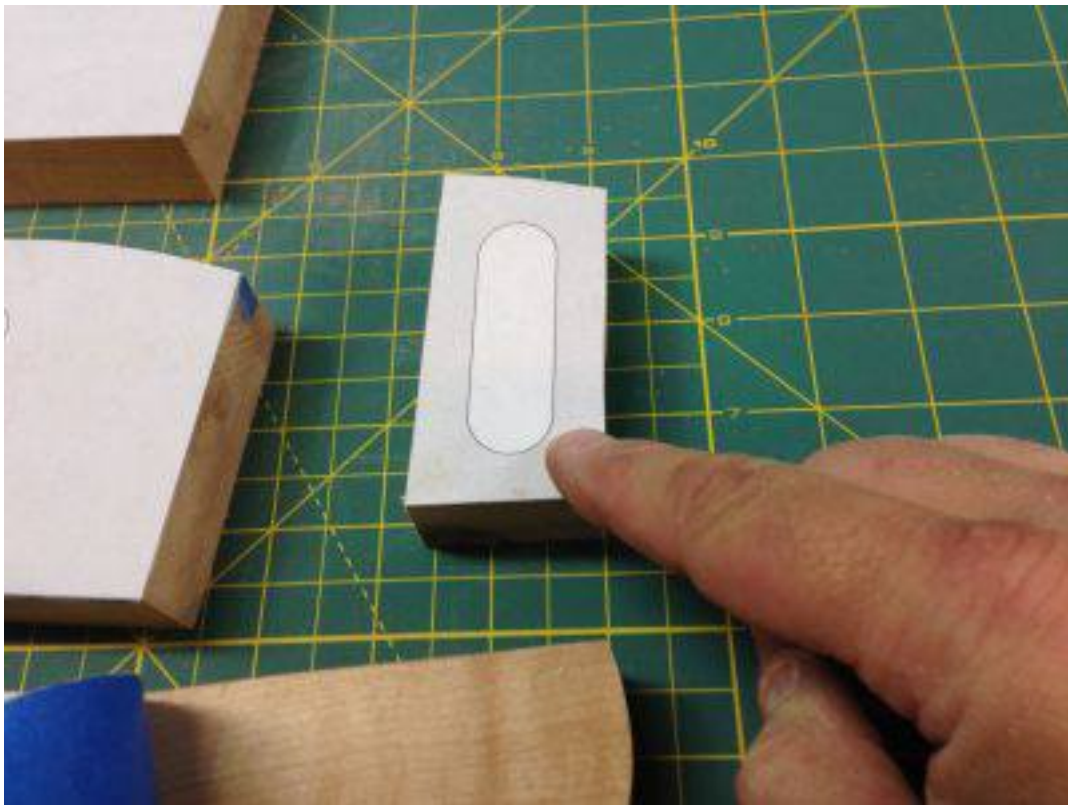
Use blue painters tape on the wood then apply the pattern with sprat adhesive.





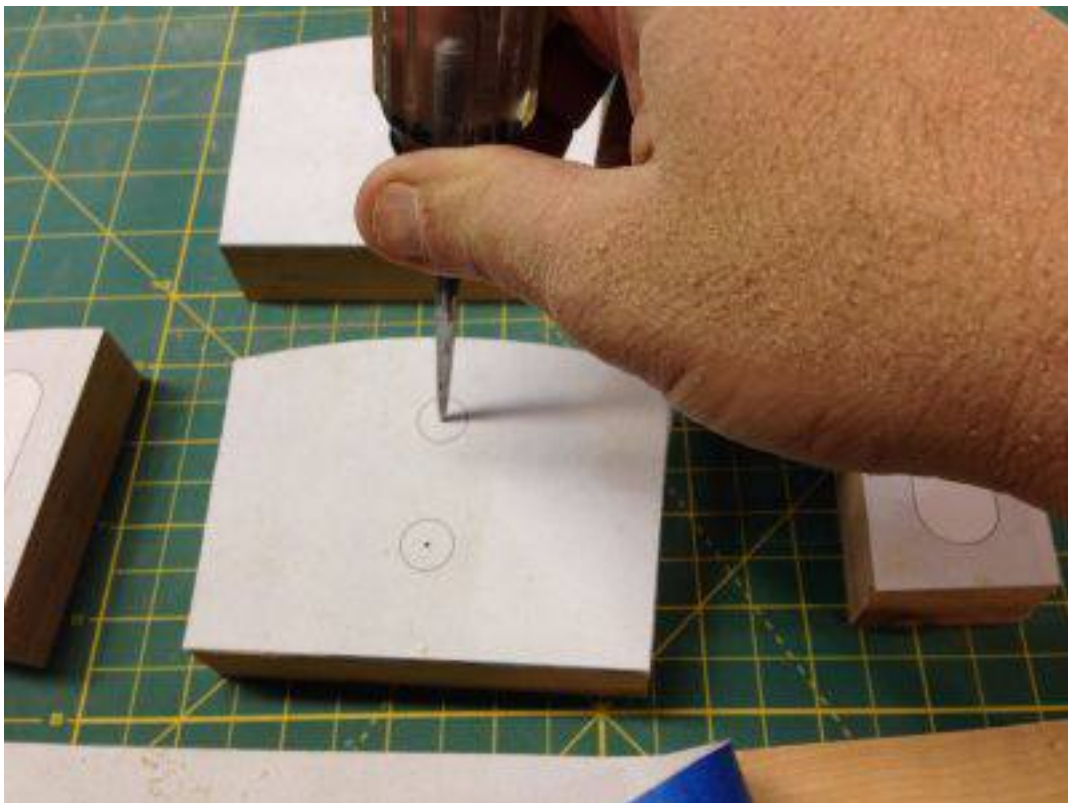
Take it to your scroll saw and cut all the pieces out.
This hard maple was one inch thick so I used a #12 blade.





The oval hole in the center pieces is optional. If you want a heavier hammer you can cut this hole and fill it with lead fishing tackle.

Use an awl to mark the drill point for the 3/8" dowels. They will be drilled later after the pattern has come off.





It's time to round over the handle. Use a router or sand.

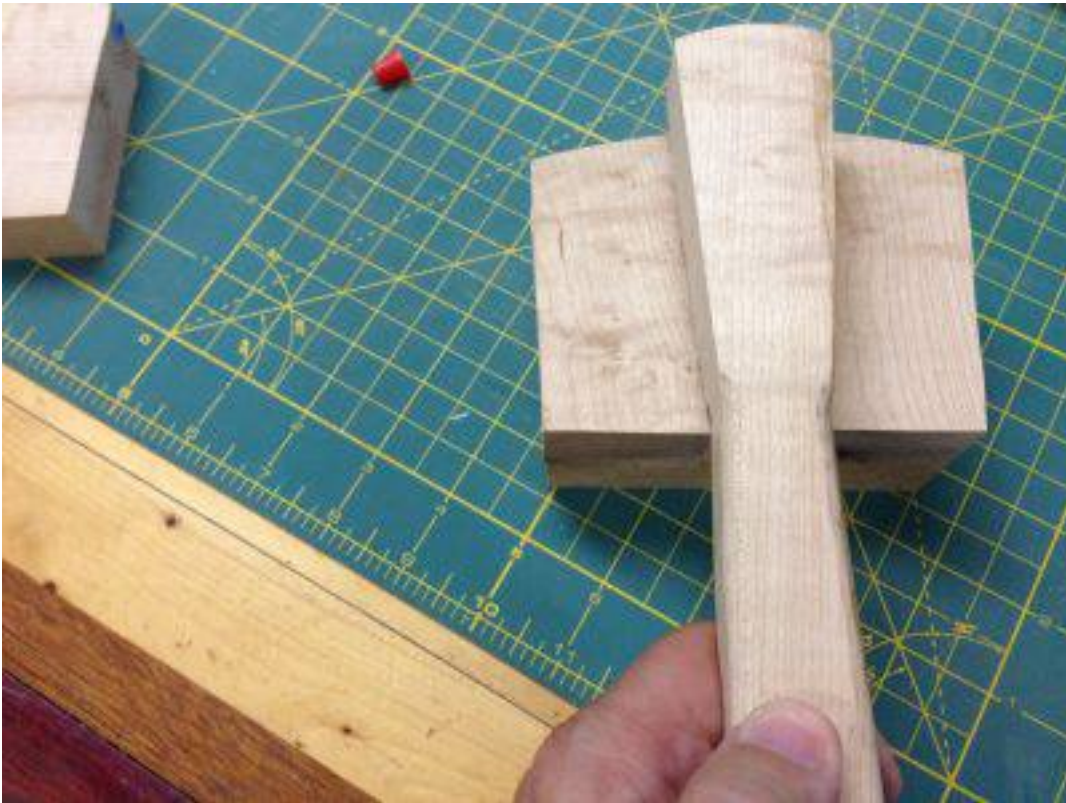
Notice where the round over ends.





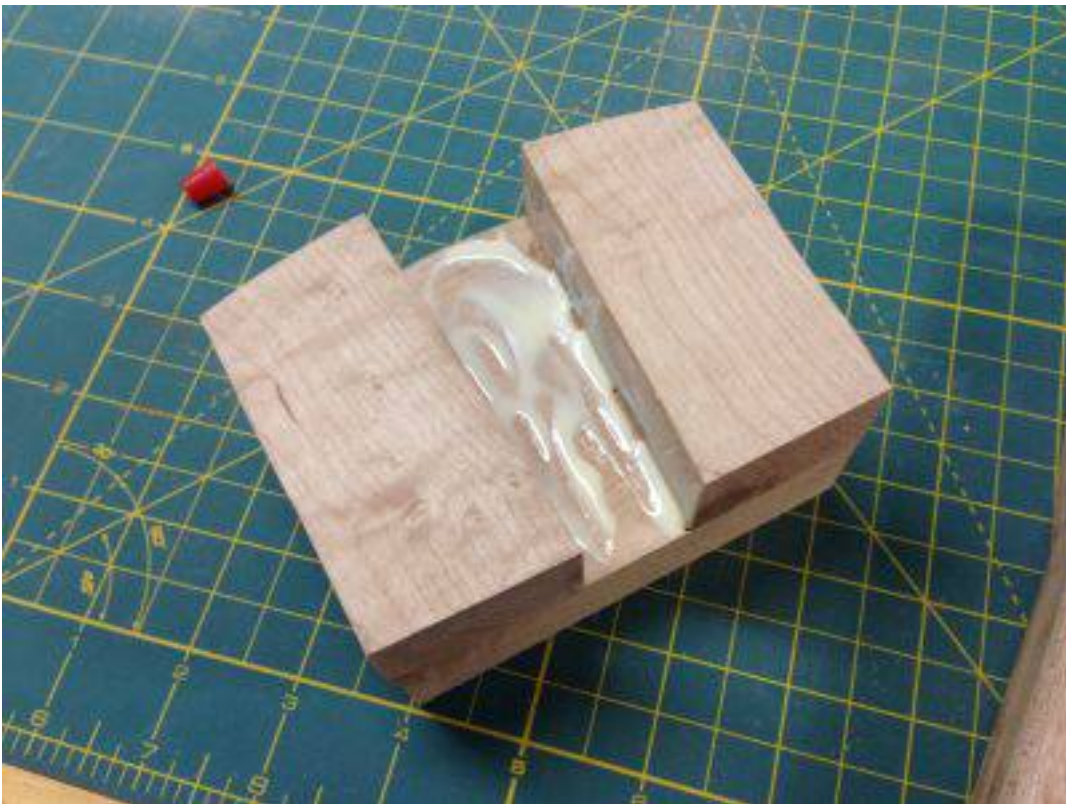
Glue the center pieces to the back. We will use the handle to get the placement right before the glue starts to set up. Make sure you get the top curves lined up correctly.





Test fit the handle to get the center pieces lined up as well as possible. We will sand everything flush later but get it as close as possible now.

Now apply the glue for the handle.





Insert the handle and apply the glue for the other side of the mallet head.

While the glue is still not dry take a moment to get everything as flush as possible.





Clamp it up and let it cure for a couple hours. Keep things lined up while you put on the clamps.

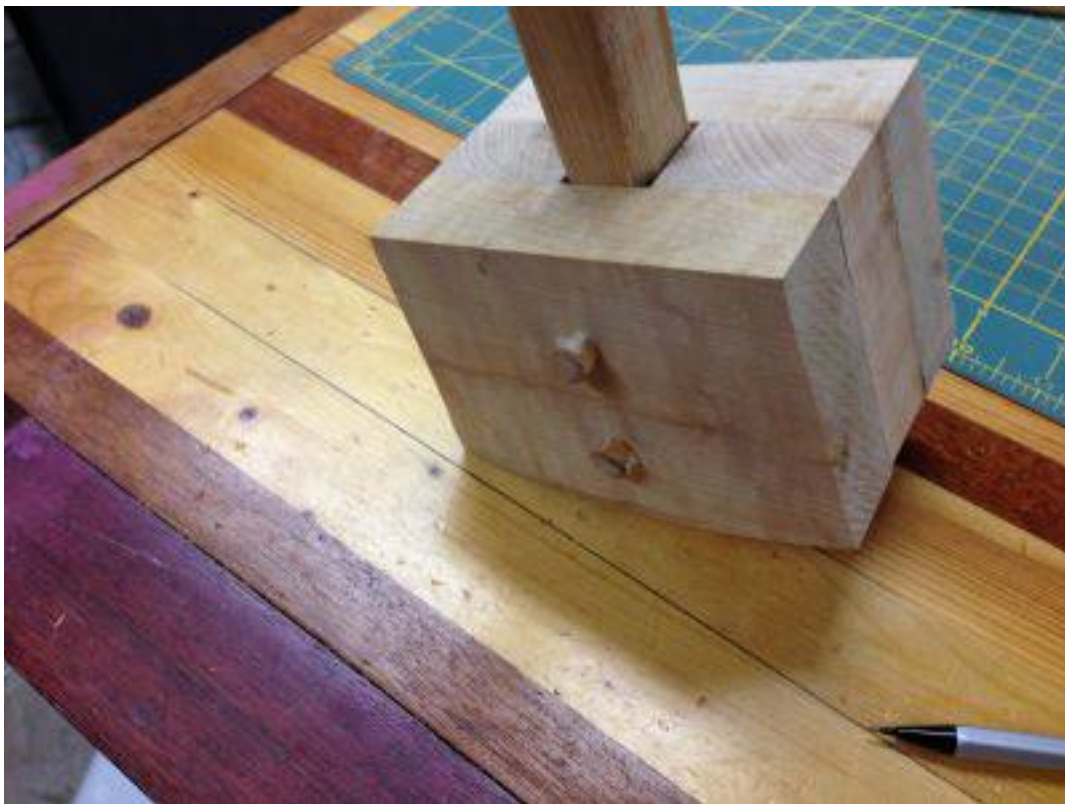




To help secure the handle we are going to pin it with 3/8" dowels. Drill at the pre punched locations from the earlier step.

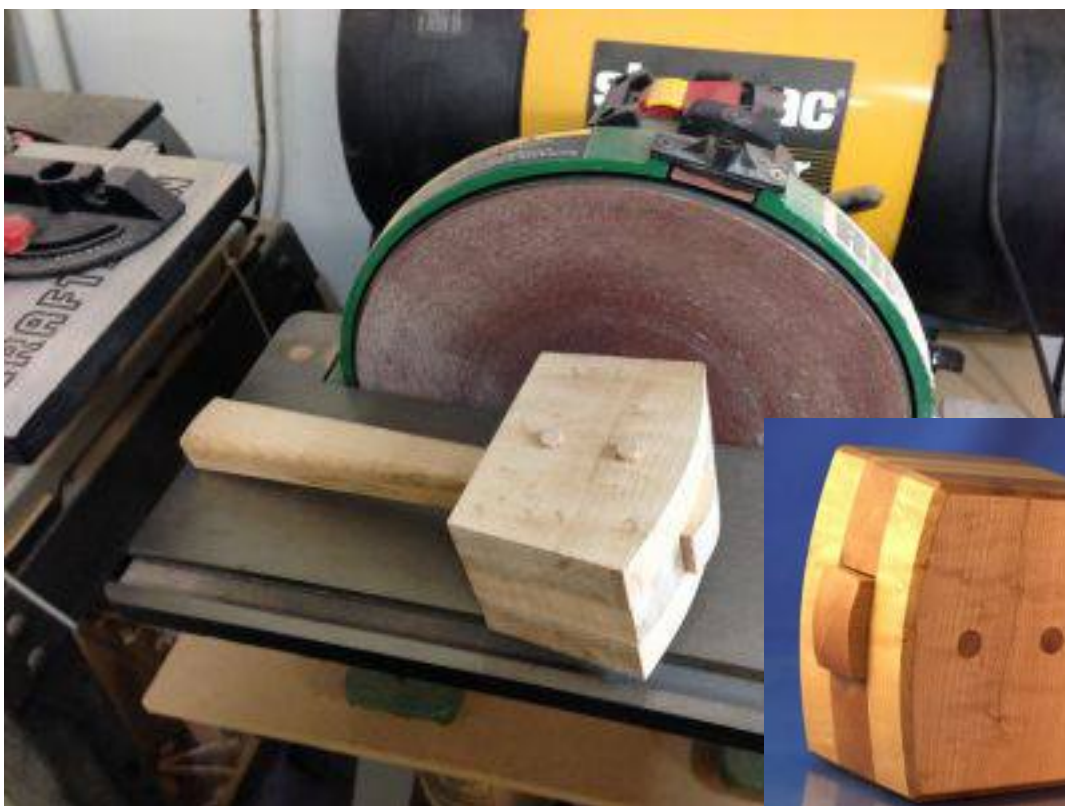
Cut two dowels long enough to stick out on both side just a little.

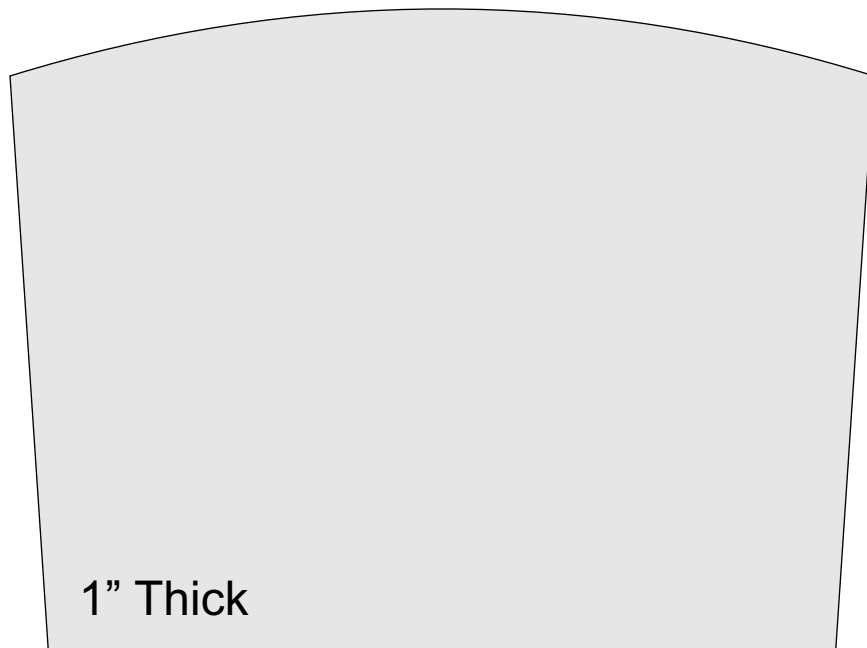
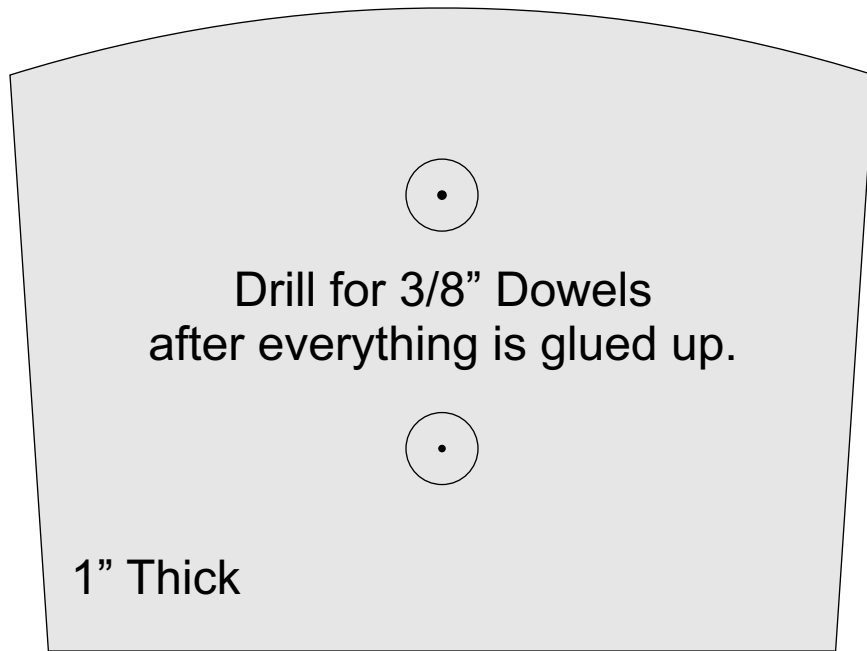


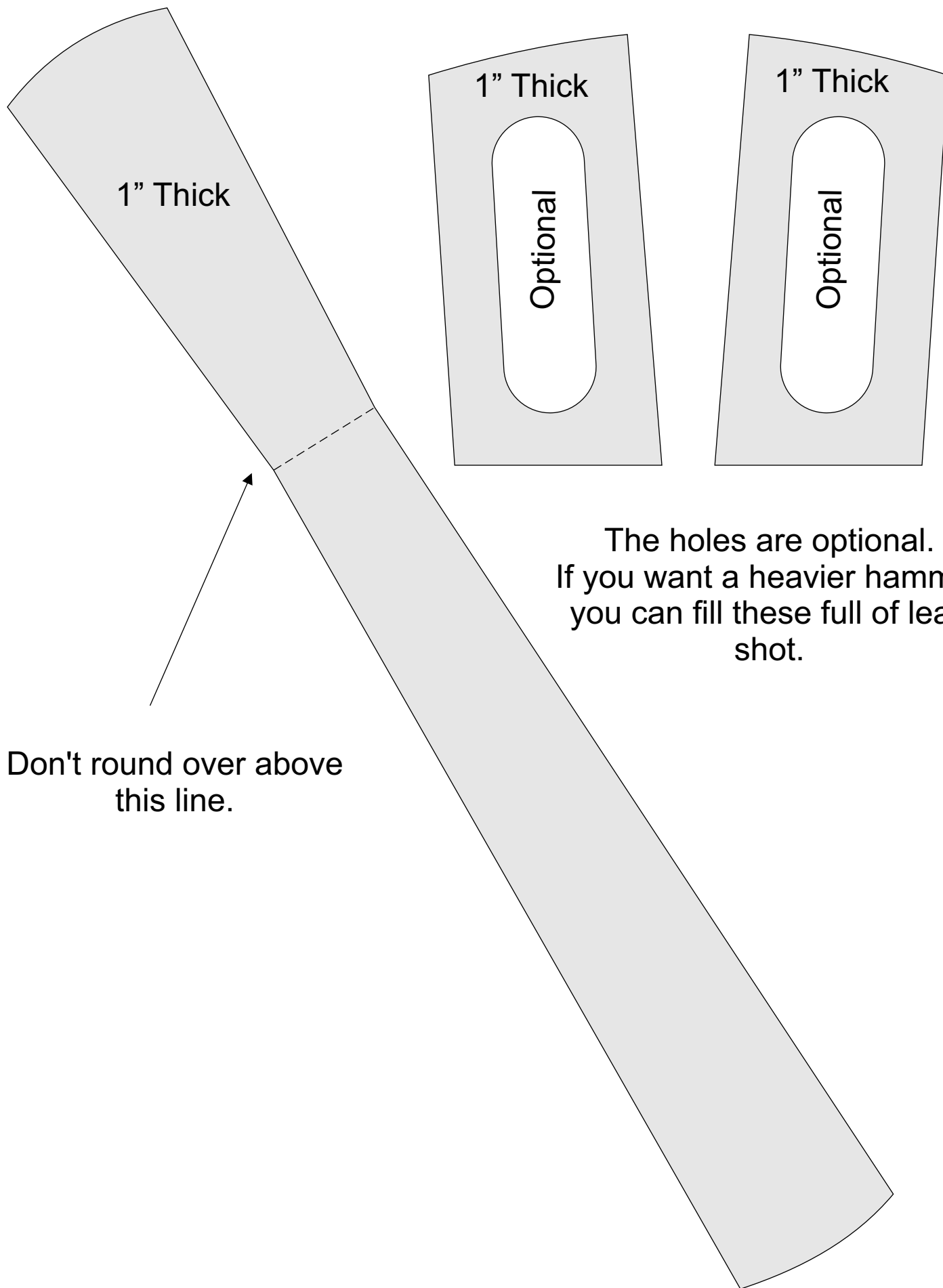


Apply glue to the dowels and hammer them through the mallet head.

Sand every edge flush. Sand off the dowels flush.
Sand a small 45 degree bevel on every edge of the head.
I used an oil to finish the mallet.







1" Thick

1" Thick

1" Thick

Optional

Optional

The holes are optional.
If you want a heavier hammer
you can fill these full of lead
shot.

Don't round over above
this line.