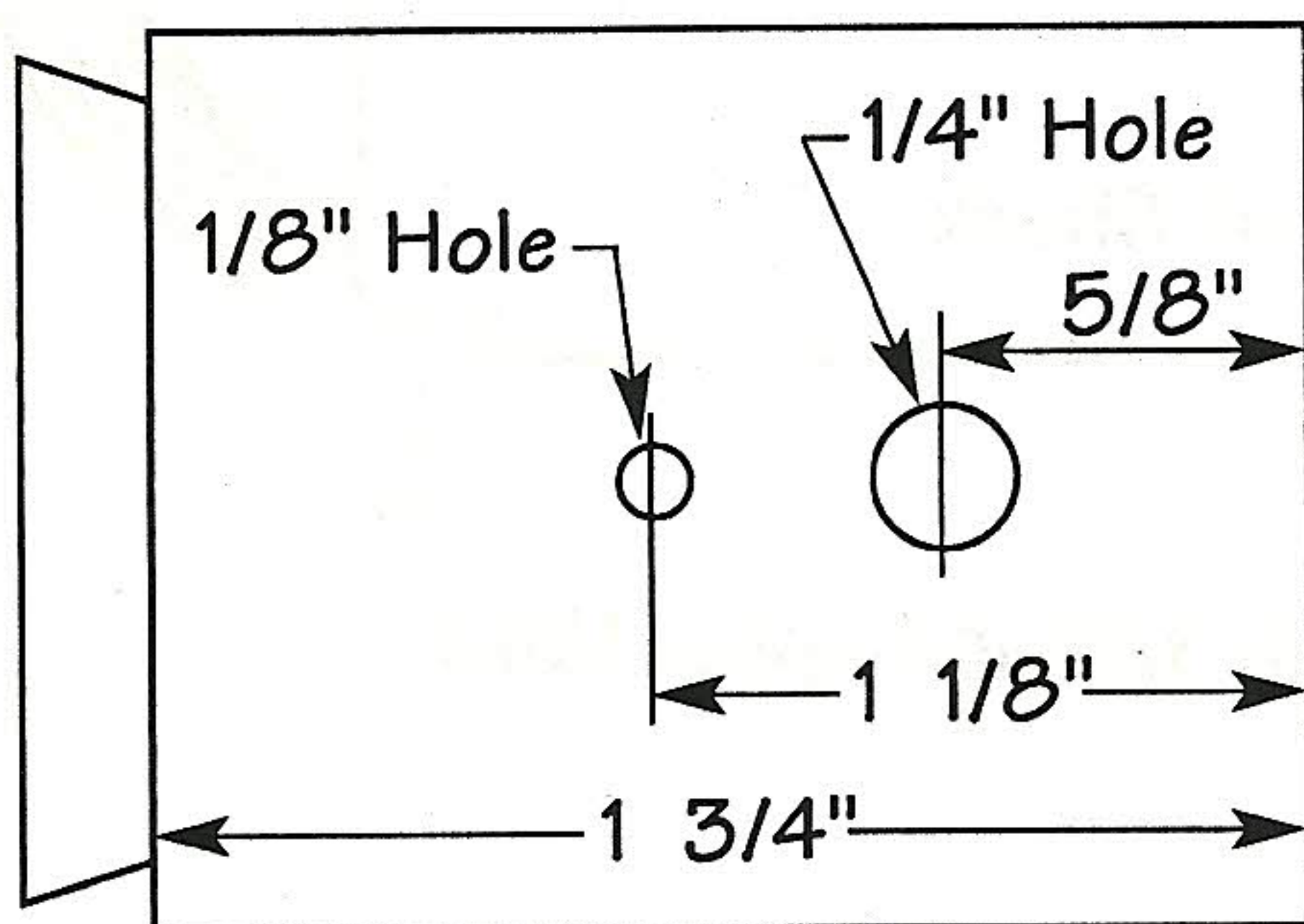


Birdhouse Ornament #1

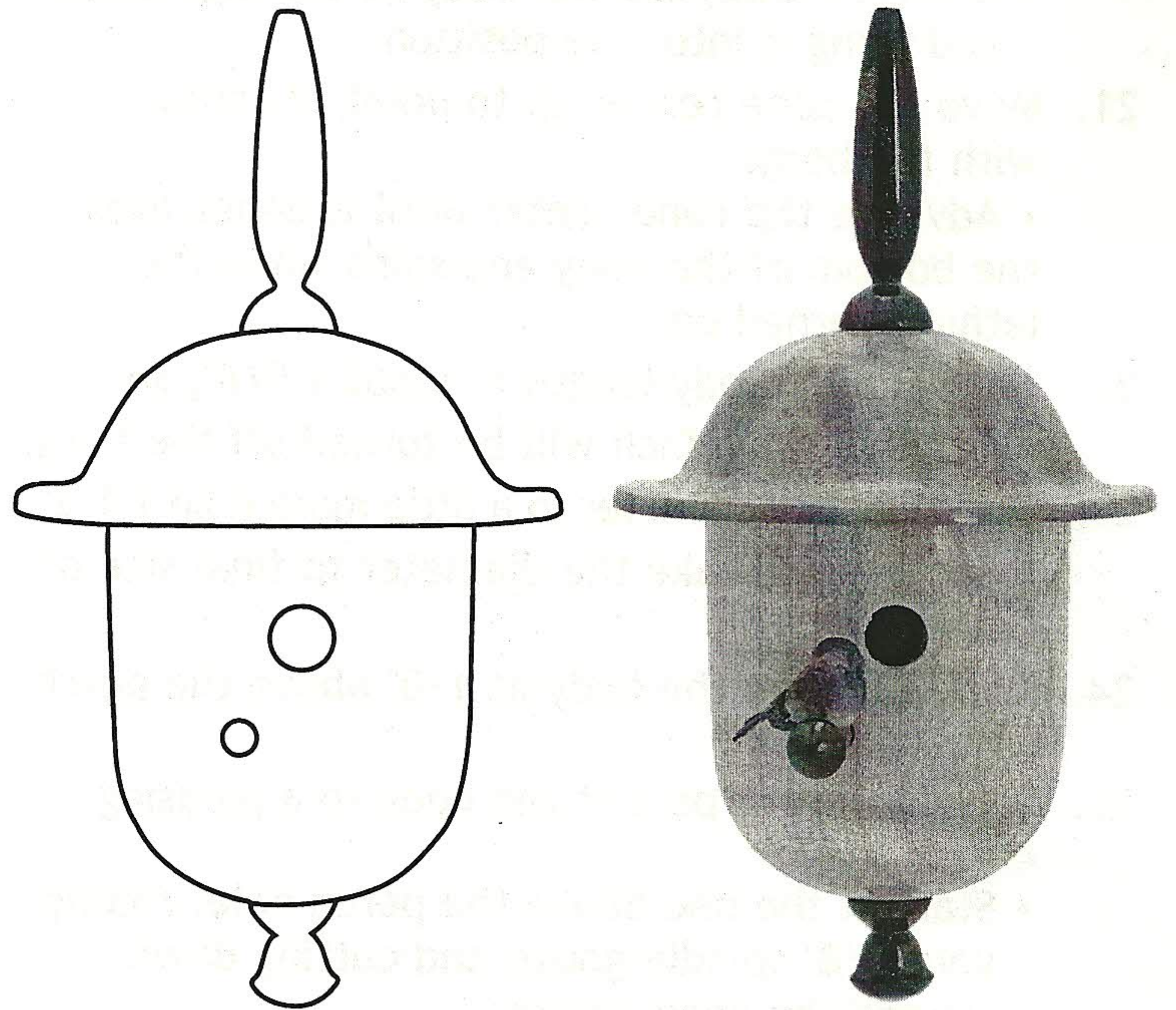
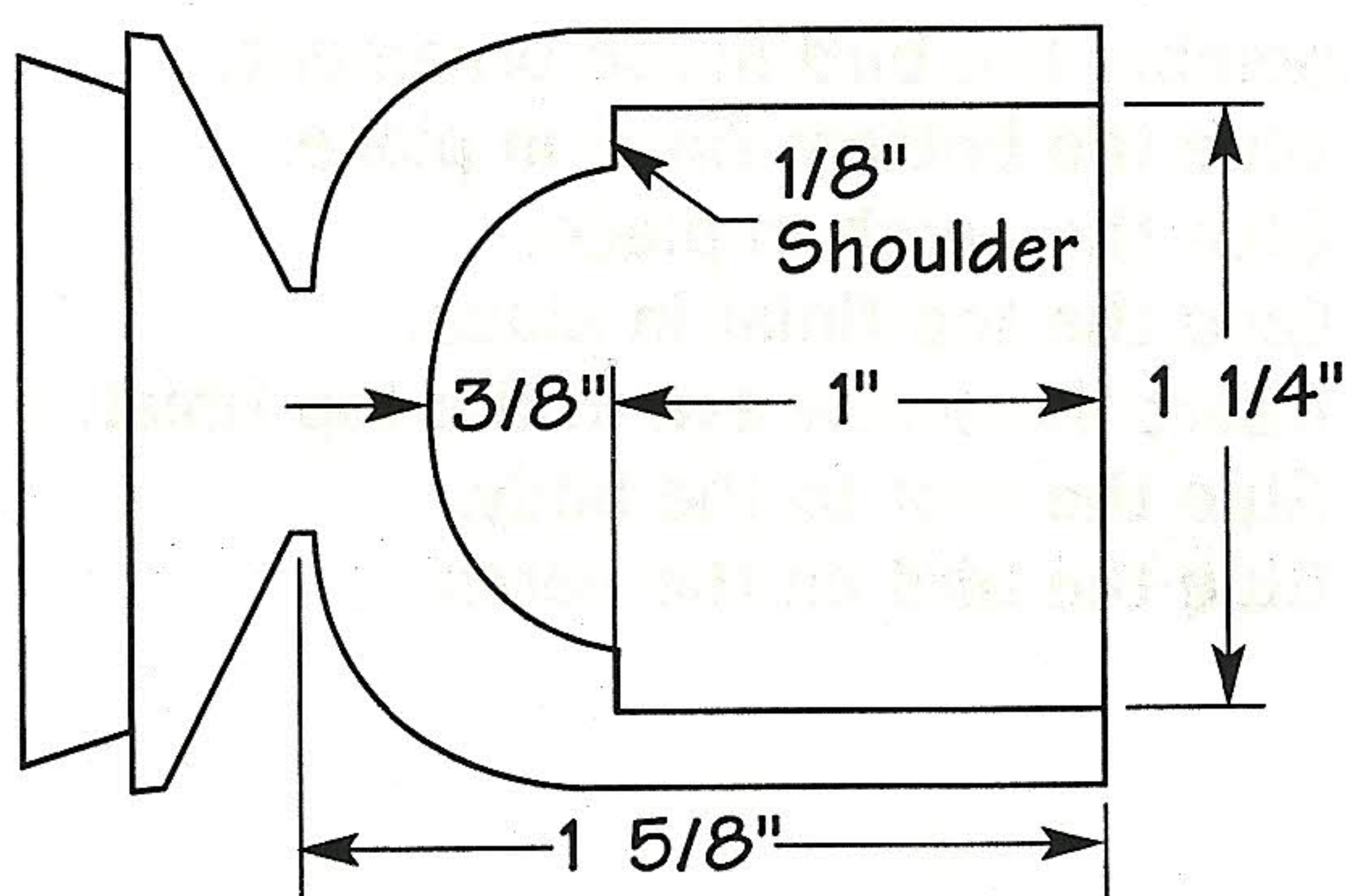
Craft Supplies USA

Turning the Body

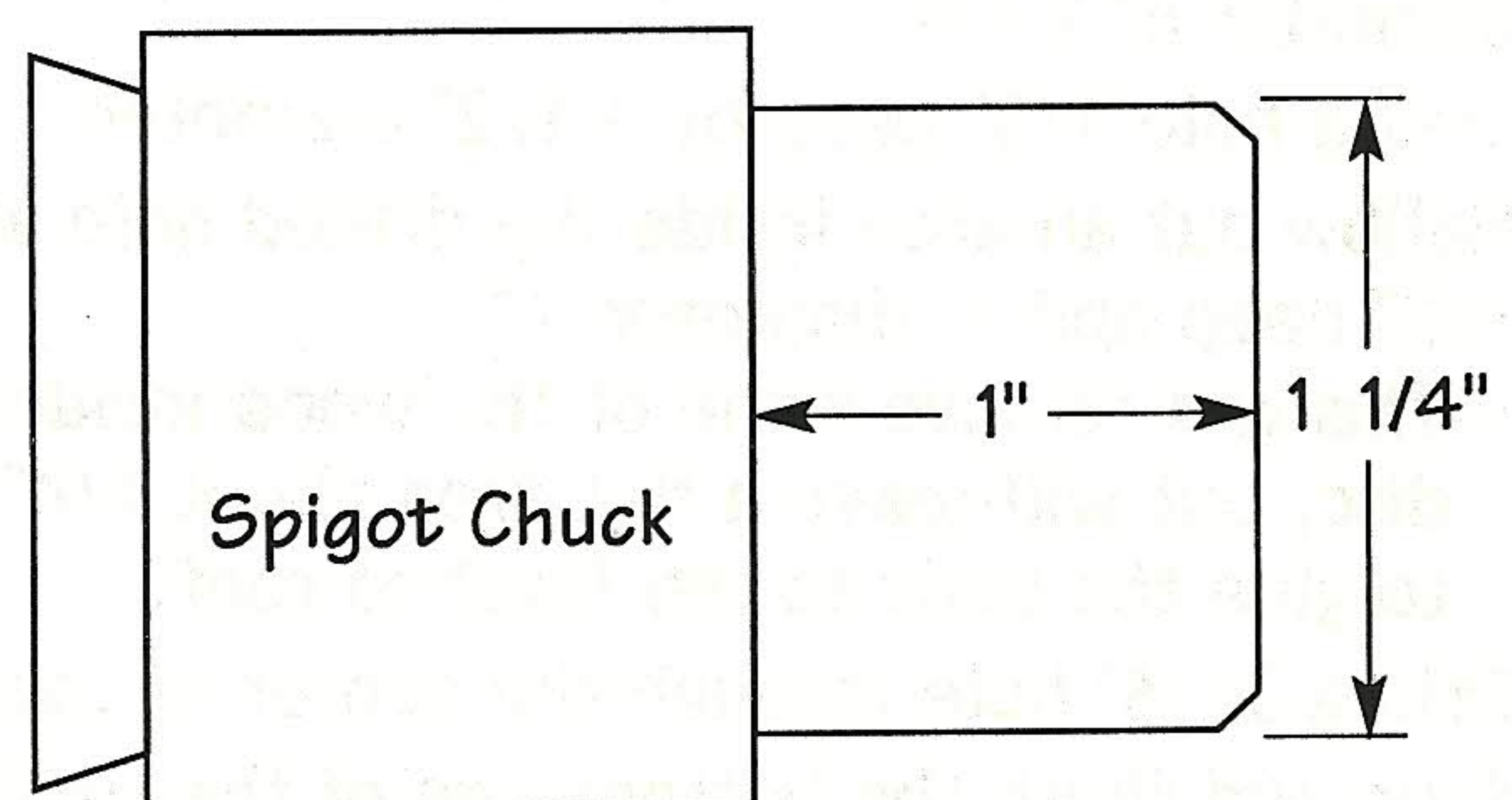
1. Turn a cylinder to 1 1/2" diameter.
2. Layout to 2" length.
3. Cut ends square.
4. Cut a 5° shoulder for the chuck.
 - Select end of cylinder which will be the bottom end.
5. Layout perch and entrance holes.
 - Decide on the front.
 - Mark a parallel line where the holes will be drilled.



6. Center punch the hole points.
7. Make a V-Block.
 - Center on the drill press and clamp securely.
8. Drill the 1/4" entrance hole a 1/4" or so deep.
9. Drill the 1/8" perch hole a 1/4" or so deep.
10. Place the body in a chuck.
11. Use the skew point to make a small entry hole so the drill bit will stay on center.
12. Drill a 1 1/4" diameter hole 1" deep.
 - The finished house body is 1 5/8" deep.
13. Turn the outside to shape as much as you can without hitting the chuck jaws.
14. Hollow out body to 1 3/8" deep.
 - Use a round nose tool and mark the depth on the tool with a marker or tape.
 - Leave a 1/8" shoulder where the drill stopped.



15. Turn a cylinder from scrap material.
 - Select something hard like oak or hard maple.
 - The cylinder should be about 3" long and 1 1/2" to 1 3/4" diameter.
 - Cut a shoulder on one end to fit into a chuck.
16. Place the cylinder in a chuck and center it.
 - Make a cone shaped indentation on the exposed end.
17. Place a cone center in the tailstock, move it up to the cylinder and insert the tip into the end of the cylinder.
18. Cut a spigot on the end of the cylinder.
 - The spigot will be 1" long and 1 1/4" diameter.
 - Check the fit by fitting a drilled bird house body over the spigot.
 - The fit must be snug, but not too tight or the body may crack if it is forced over the spigot.



19. Slide the body onto the spigot, at least half way.

