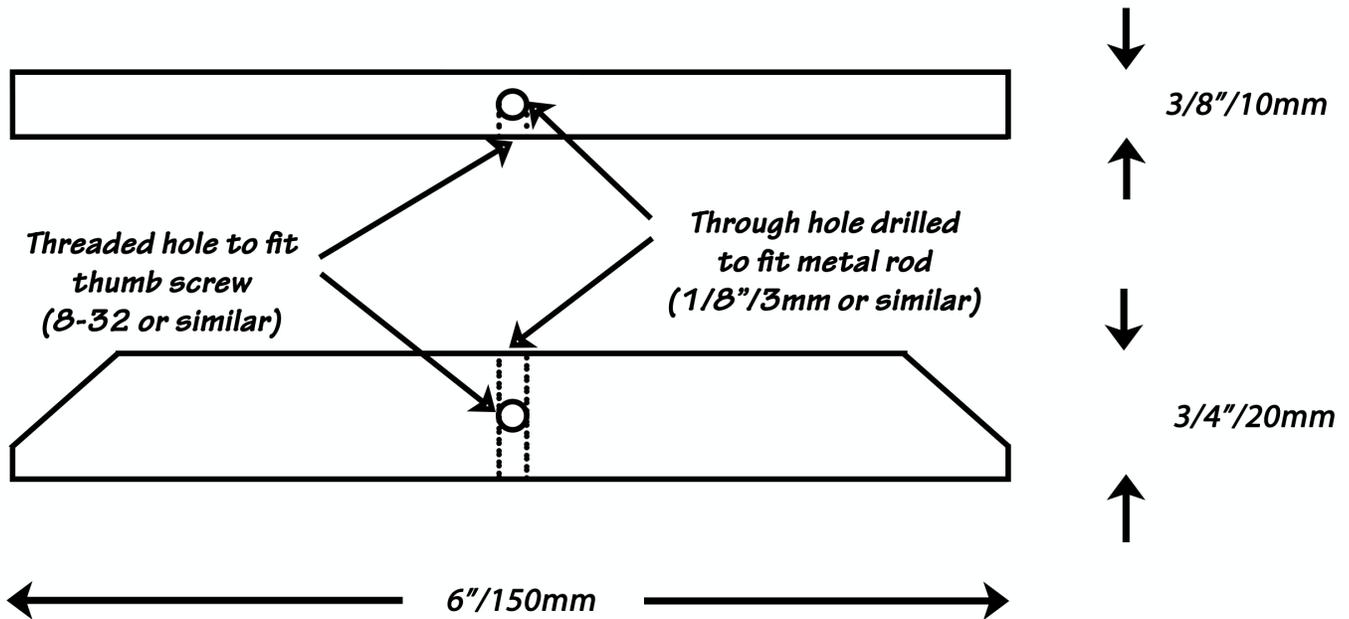


Cindy Drozda

"The Fine Art of Woodturning"

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Woodturning Depth Gauge



Please wear your safety glasses at all times!

**Regular eyeglasses are not safety eyewear.
They should have safety lenses and cover your eyes completely.**

- The material for this project is Aluminum rectangular bar stock for the body, and a steel or brass rod. It can be ordered cut to size, or you can cut it yourself using a bandsaw or hacksaw. If you use the bandsaw, be sure to keep your hands out of the path of the blade at all times, and use a push block. Use a hacksaw to cut the rod. Cutting a small diameter like that on a bandsaw is not a good idea (even if the bandsaw is set up to cut steel).
- Mark the position for the 2 holes the same distance from one end of the part. That way they will intersect accurately. I use a combination square to mark the holes with a carbide scribe.
- Make a punch mark on the center line of each hole.
- Using a drill press, find the marks with a 5/64"/2mm drill. Do not try to hold the part with your hands directly. Clamp the part in a hand screw clamp or drill press vise. Be sure to use cutting lubricant while drilling, and back the drill out of the hole every few seconds to clean the chips off and re-lube.
- Drill the clearance hole for the rod. It's a good idea to test the hole size on a piece of scrap to be sure that it fits the rod.
- Drill the tap hole for the thumb screw. Don't go all the way through the part.
- Deburr the holes
- Chuck the tap in the drill press and turn the quill to start the tap. Finish tapping with a tee handle tap wrench.
- Deburr the edges of the parts with a scotchbrite wheel or file, clean the part, and install rod and thumb screw