

Old Fashioned Pepper Grinder Instructions

Arizona Silhouette©

Supplies:

Color Blank of your choice

Pepper Grinder Mechanism PSI203 or PSI 204

Sanding material of choice BG073 & Abralon Sanding pads BG115

Odie's Oil Finish System BG 187

Tools:

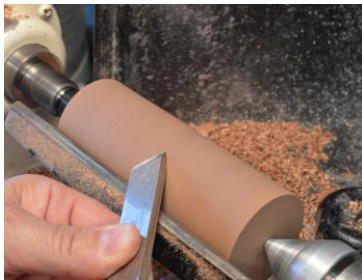
Turning tools of choice: Roughing gouge, Skew, parting tool

Four Jawed Chuck & Digital Calipers, Jacobs Chuck with a 1 3/8" forstner drill bit, 3/32" drill bit



Find the center of the blank by drawing lines from one corner to the other corner. Complete this for the top and bottom of your blank and tap your drive spur into the center of the wood using a plastic hammer and then place it into the headstock of your lathe. Bring up the tail stock and place it in the center of wood and apply some pressure to the tail stock to make sure your drive spur does not slip.

Start to reduce your square stock using a roughing gouge. Lathe speed should be approximately 500 rpm.



Reduce the blank to a uniform diameter of approximately 2 1/2" inches and smooth it off with a skew.

Use a parting tool and cut a foot in the bottom of the blank so you can hold it with a four jawed chuck later. Now, if you choose, turn a decorative bead towards the bottom of the pepper grinder or put whatever decorative embellishments you want – this is your creation!



Using a large spindle gouge, create a nice curved shape in the center of the blank and sand the blank to your satisfaction. I sand to 800 and then use the Abralon pads for a smooth finish.



After you have sanded the outside of the pepper grinder blank, use a four jawed chuck and hold the blank so you can drill a hole through the blank.

Use BladeCote to spray onto the 1 3/8" forstner drill bit to help reduce friction and keep the bit sharper longer.



Slowly drill through the blank making sure not to overheat the blank by pushing too hard or using a dull drill bit!



Reverse chuck the blank and bring up the tail stock to support the work. With a parting tool, remove the foot you made in the first few steps and sand the bottom of the blank.



Apply Odie's Oil with your finger directly on the blank and then while the blank is spinning rub it off with a clean soft polishing cloth. Remember that this is a friction finish so the hotter it gets the better! After the oil, hand rub on some of the Odie's Wood Butter and repeat the friction part with a clean soft polishing cloth. Finally use the Odie's Wax as the final coating. Odie's products are food safe and is a great long lasting finish!

Use a 3/32" drill bit and drill the screw holes into the top and then place the grinder onto the top of the blank and secure it with the screws provided. Congratulations – go grind up some pepper!

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