

Coffee Scoop



Needed:

Mandrel A, drill 7 mm, bushing 24A

Preparing the blank

1. Cut the blank $\frac{1}{4}$ " longer than the brass tube so you can square it off once the tube has been glued in.
2. Using a 7 mm drill, drill a hole lengthwise through the blank.
3. Scuff up the tube with sandpaper to clean off the oxidation and give the glue a better adhesion surface.
4. Plug the tube ends with a material of your choice – we recommend baseplate wax – to keep the glue from getting into the tube. Just push the ends of the tubes into a thin section of the material to form a plug.
5. Roll the tube in the glue and insert it into the blank with a twisting motion until it is equidistant between both ends of the blank.
6. Set aside until the glue has had time to reach its maximum strength.
7. When the glue has cured, use a

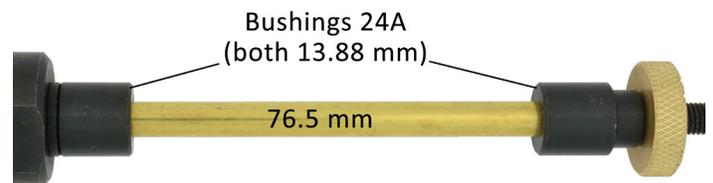
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hobby knife to remove the plugs from the ends.

8. Using a barrel trimmer of the proper size or the proper jigs and a disk sander, square off the ends of the blank until you can see bright brass tube.

Turning the blank



1. Place the bushing with the offset on the end of the blank you intend to be next to the scoop putting the large end of the bushing against the blank. It will make it easier if you put this bushing next to the mandrel nut.
2. Tighten the tailstock before tightening the blank on the mandrel. This will centre the mandrel first. Then lightly tighten the nut that holds the blanks. Do not over-tighten the brass thumbnut or apply excessive force as this can bend your mandrel. You may use a spacer to give you more room between the thumbnut and the last bushing.

3. Turn the blank to the desired contour, making sure that the area next to the bushing is turned to the size of the adjacent bushing
4. Now, loosen the tailstock, remove the mandrel nut, remove the bushing with the offset and reverse its orientation. Put the small end of the bushing against the blank and reinstall and tighten the mandrel nut.



5. Now turn a tenon on the end of the blank to the diameter of the small end of the bushing. Cut this tenon 3/16" long.
6. Sand the surface in progressive steps until you get to 400 or 600 grit.

7. For a high polish finish, sand using Micro Mesh up to 12,000 grit then apply a finish of your choice. Remove the blank from the lathe.

Assembling the kit

1. Slide the slotted end cap over the tang of the coffee scoop.
2. Slide the turned blank over the tang with the tenon going on first.
3. Screw the finial on securely making sure it is centered on the blank.

