

Bottle Opener Project Kit Instructions

Required Materials

- 1.5" x 1.5" x 5.5" (or similar) blank
- 11/32" drill bit
- CA (cyanoacrylate) glue or two-part fast-drying epoxy
- Sanding supplies and finish



Blank Preparation

- 1. Mark the center of the blank
- 2. Drill an 11/32" hole approximately 1.25" deep lengthwise through blank

Turning the Blank

Diagram A

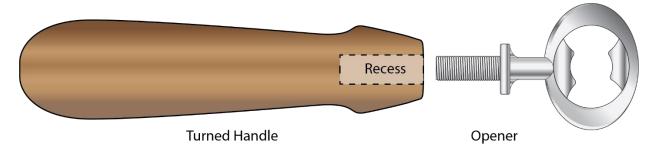
Waste Material Headstock Drive Center Removed Material Finished Profile Drilled Recess (11/32" Diameter x 1.25" Deep)

- 1. Mount the blank between a drive center and live center, with the live center inserted into the drilled recess
- 2. Turn down the blank to the desired shape using lathe chisels
 - a. Leave ½" waste material on the drive center end
- 3. Finish with sanding (wet or dry) and choice of polish
- 4. Trim off ½" waste material with lathe or bandsaw and finish end with sanding and polish



Assembly

Diagram B



- 1. Check for fit Insert the Opener into the Recess of the Turned Handle
 - a. Make additional adjustments to Recess as necessary
- 2. Put a small amount of glue inside the Recess and insert the Opener