

## Stainless Steel Ice Cream Scoop

### Supplies Needed

- 9/32" Drill Bit
- Blank
- Chuck
- Scrap Wood
- Glue (Thick CA or Epoxy)
- Sandpaper/Finish
- Drill or Drill Press
- Revolving Center
- Eye and Ear Protection

### Cutting and Drilling the Blank

1. Select a piece of hardwood 1 1/2" x 1 1/2" x 5 1/2" long.
2. Make a center mark on the end of the blank and drill a 9/32" diameter hole about 1 1/4" deep.

### Make a Drive Spigot

1. Mount a scrap piece of hardwood 2" dia. x 2 1/2" long to a faceplate or chuck.
2. Turn a 1/2" long tenon that will fit snugly into the hole drilled in the handle blank. Leave a shoulder on the tenon for the blank to seat against. (See Figure 1)

### Turn the Handle Blank

1. Push the drilled handle blank onto the turned tenon. The fit should be snug. Center the other end of the handle blank onto a revolving center. (See Figure 1). Turn the blank round using a roughing gouge or spindle gouge.
2. Using a skew chisel laying flat on its side, square off the drilled end of the handle using the long point of the tool.
3. Measure the length and inside diameter of the ferrule. Turn the tenon on the handle to fit the ferrule leaving the wood slightly longer than the ferrule.
4. Install the ferrule on the handle, chamfered end first. If needed, glue the ferrule in place using epoxy or thick CA glue.
5. Finish turning the handle to the desired shape leaving 1/2" of waste material on the tailstock end. True the wood so that it is flush with the ferrule.
6. Sand and finish the handle blank and ferrule. Be careful when sanding the ferrule not to transfer metal dust onto the wood surface.
7. Trim off the 1/2" waste piece on the lathe or on a bandsaw. Sand and finish the end.

### Ice Cream Scoop Assembly

1. Align the scoop with the grain of the turned handle for the best appearance.
2. Test fit the scoop tang into the handle. It may be necessary to run the drill bit into and out of the hole to slightly enlarge the hole.
3. When satisfied with the fit, glue the tang into the handle by placing a small amount of glue into the hole. Use more glue if the fit is slightly loose. Clean up any excess glue with a solvent such as lacquer thinner.

Figure 1

