

Screwdriver

Making a screwdriver with a custom handle

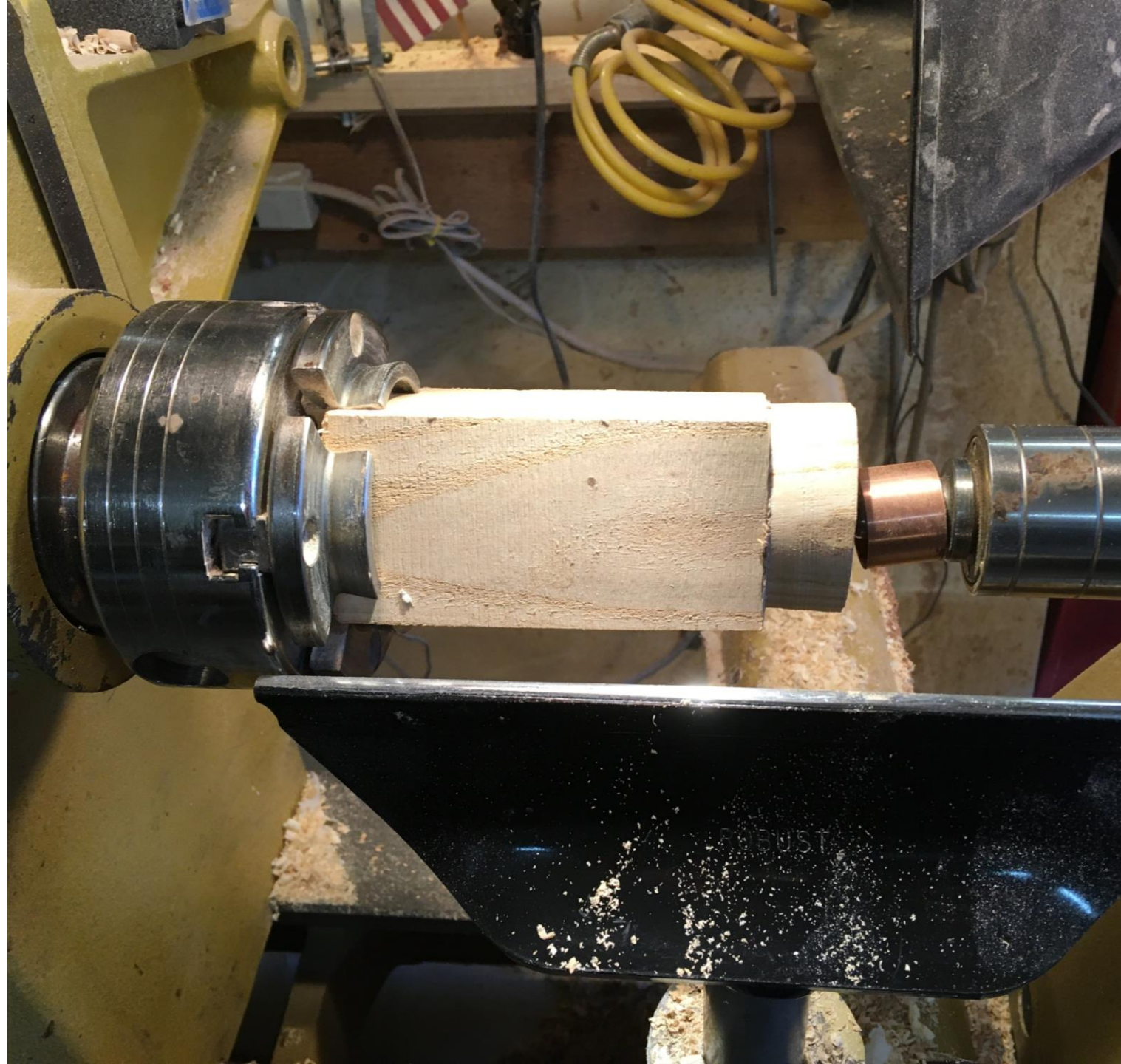
Use either a commercial kit or an old screwdriver



Remove the handle of the old screwdriver, using a hammer and chisel or turning it away on the lathe



Mount your handle stock in a four-jaw chuck and bring up the live center, with the ferrule over it, to determine sizing. Begin turning down the ferrule end of the handle.



Continue to size the end of the handle until the ferrule just fits. The ferrule shown is a portion of copper tubing.



Turn a tenon on the end of the handle to fit the ferrule and slide the ferrule over the tenon.



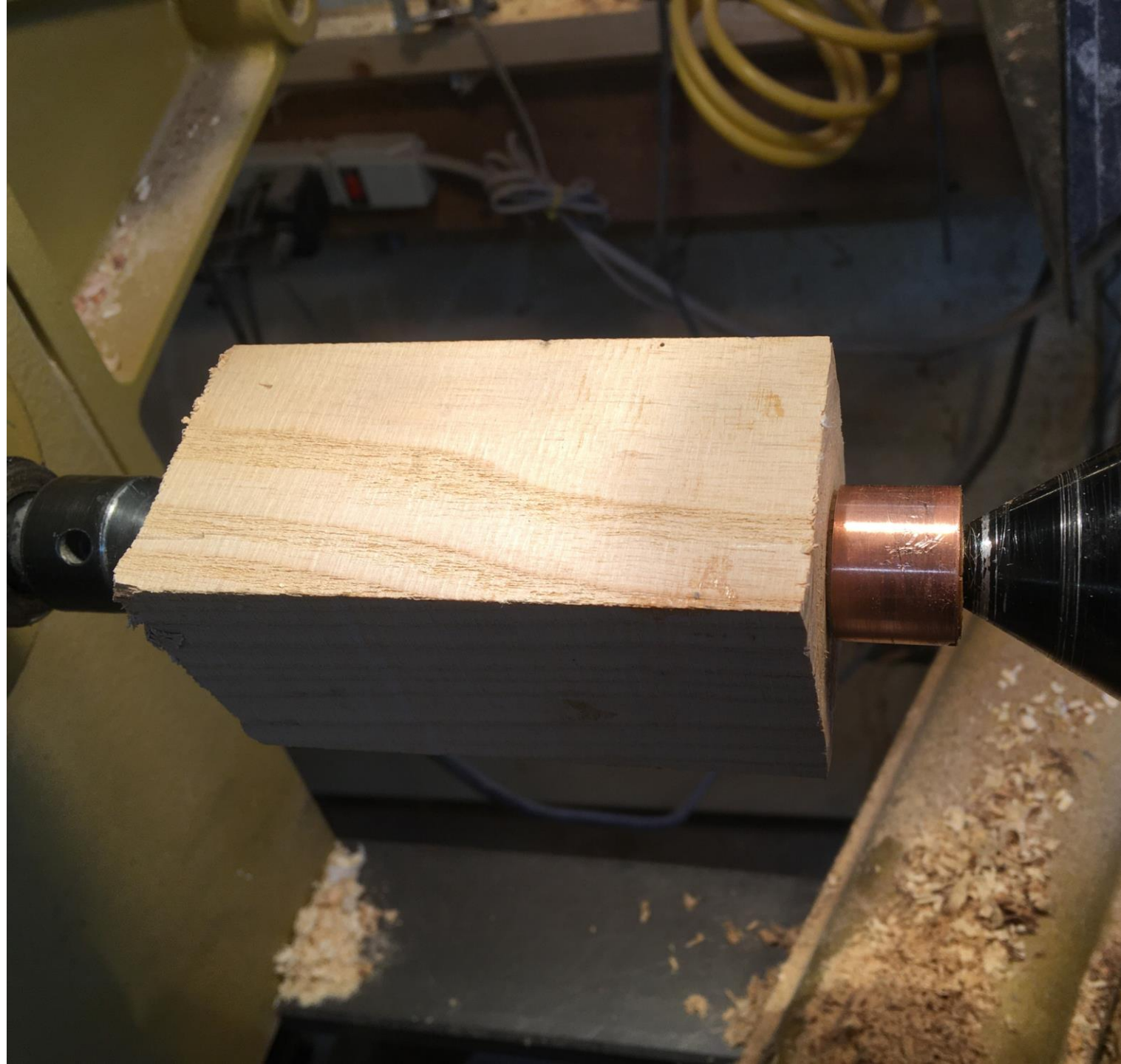
Drill the tenon, with the ferrule in place, to fit the barrel of the screwdriver. Make the hole deep enough for the barrel with a screwdriver end in place when the barrel is a little over half-way into the handle.



Enlarge the hole for the barrel collar fitting. Epoxy the ferrule and the collar in place. Make sure no epoxy gets into the hole for the barrel and screwdriver end.



Remount the handle
between a drive
center and the live
center with a cone.



Begin shaping the handle between centers.



Continue shaping the handle to fit your hand.



Add decorative elements or texture to the handle. Sand as required. Turn the drive center end down as far as you dare before sawing the tenon off and sanding the end smooth.



The finished tool, with
the finish of your
choice.

