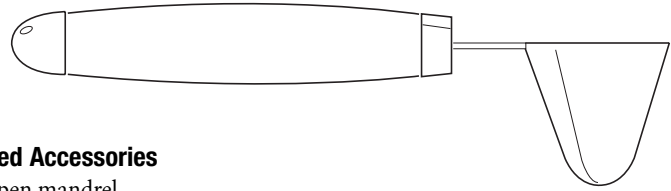


PKCSCOOP Coffee Scoop Kit



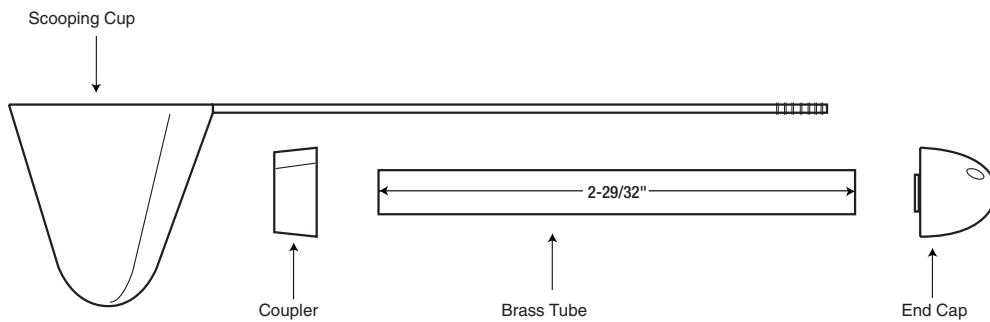
Kit Features

- A convenient 1 tablespoon measuring scoop
- Hygienic, polished stainless steel scoop with titanium nitride plating
- Small construction to fit in a coffee can
- Overall length: 5 inches

Required Accessories

- 7mm pen mandrel
- **PK-7MM** 7mm Drill Bit
- **PKCSCOOPBU** 2pc Bushing Set
- **PKTRIM7** 7mm Barrel Trimmer
- 2-part epoxy glue or Insta-Cure (cyanoacrylate)

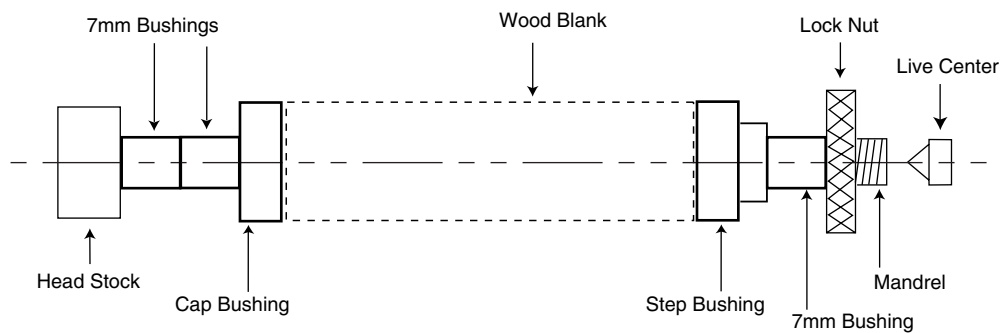
Diagram A- Parts Layout



Preparing the Blank

- Cut a 5/8" to 1" square blank (depending on your handle design) to the length of the brass tube. (Add 1/16" for squaring off)
- Drill a 7mm hole lengthwise through the blank.
- Glue the tube inside the blank.
- When glue dries, use a 7mm barrel trimmer to square the ends of the blank. Take the wood down flush to the brass tube.

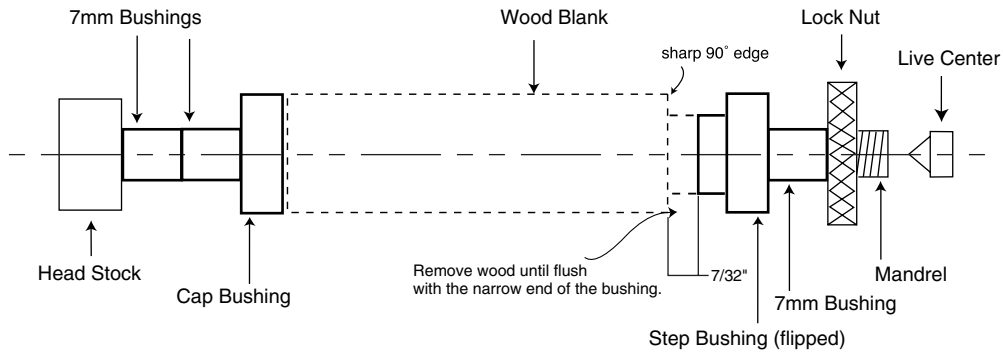
Diagram B- Turning the Blank



Turning the Blank

- Place 7mm spacer bushings onto the mandrel shaft. (This may not be necessary with the PSI Maxi-Mandrel).
- Place the cap bushing on the mandrel, then follow with the blank. Slide on the step bushing, wide end on first, follow with a spacer bushing and the lock nut. Bring the tailstock live center to engage the mandrel and secure. Do not overtighten the lock nut or tailstock, it could damage the mandrel shaft.
- Turn the wood for the handle between the bushings to the profile design of your choice. Sand the wood.

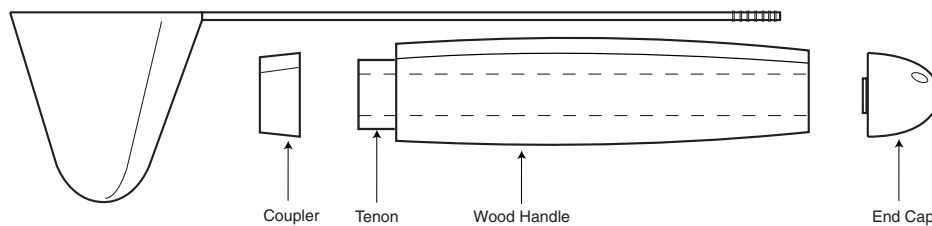
Diagram C- Removing the Wood for a Tenon



Removing the Wood for a Tenon

- Stop the lathe, remove the tailstock and lock nut. Remove the step bushing and reverse it (See diagram C). Insert with the narrow end first. Lock this set-up for turning.
- Make a pencil mark 7/32" (or less) from the step bushing on the wood barrel. Use a parting tool to remove the wood to the mark and down, flush with the diameter of the narrow extension of the bushing. Do not take the wood down to the brass tube.
- Check with the coupler for a good fit. Also, if your profile has a curve, check the outside diameter at the corner so the wood is flush with the coupler. Sand wood down to match if needed.
- Resand the handle and finish the wood with your favorite polish and wax.

Diagram D- Assembly



Assembly

- Use a drop of glue to affix the coupler on to the tenon(See Diagram D).
- Insert the scoop rod through the slot in the coupler.
- Thread on the end cap on the opposite side. Tighten.

Bushing Setup PKCSCOOPBU

