

Whistle Key Ring Kit—Instructions

KIT FEATURES:

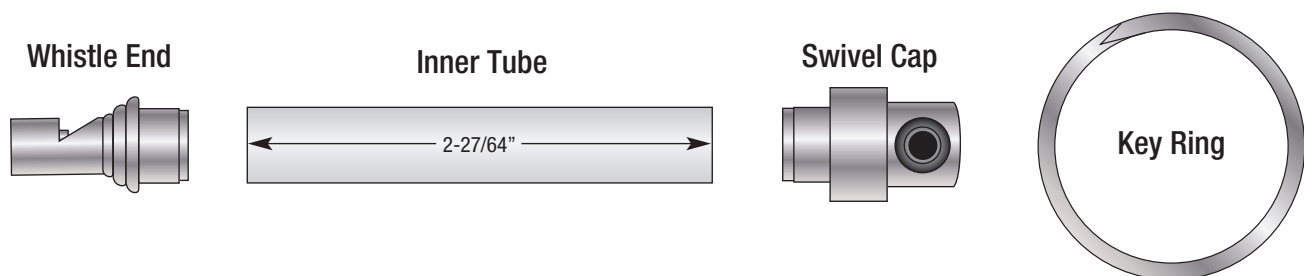
- Heavy 24kt Gold or Chrome plating with epoxy coating
- Product features as security whistle and keyring
- Overall length: 4-1/2"



REQUIRED ACCESSORIES:

- 7mm, long pen mandrel
- #PK10-10—10mm drill bit
- #PK10-BUSH3—3-piece Bushing Set (*use the 2 end bushings only, save center bushing for other PSI projects*)
- 2 part epoxy glue or insta-cure (cyanoacrylate) glue
- #PKTRIMKIT—10mm barrel trimmer

DIAGRAM A • Whistle/Key Ring PARTS



PREPARING THE BLANK

- Cut a 1" square blank or larger, depending on your design, to the length of the tube (add 1/16" for squaring off).
- Drill a 10mm center hole lengthwise through the blank.
- Spread glue over the tube, then insert it into the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue dries, use a barrel trimmer, universal squaring jig, or a belt/disc sander to take the wood down, flush to the brass tube. Make sure the wood ends are perpendicular to the tube.

TURNING THE BLANK

- Place 4 or 5, 7mm spacer bushings on the mandrel. Place an end bushing, wide end on first and then follow with the prepared wood or acrylic blank. Follow with the other end bushing, narrow end in first. Fill up the space to the thread with extra spacer bushings, or with wood spacers. Place the lock nut on, hand tighten. Bring the tail stock snug with the mandrel (do not over tighten, it could damage the mandrel). Adjust to remove the spaces, then hand tighten the lock nut and lock the tail stock in place.
- Turn the blank to the design of your choice. It is not necessary to turn the blank down flush to meet the bushing diameter. Be creative and design your own unique security whistle/key ring.

DIAGRAM B • Turning the Blanks

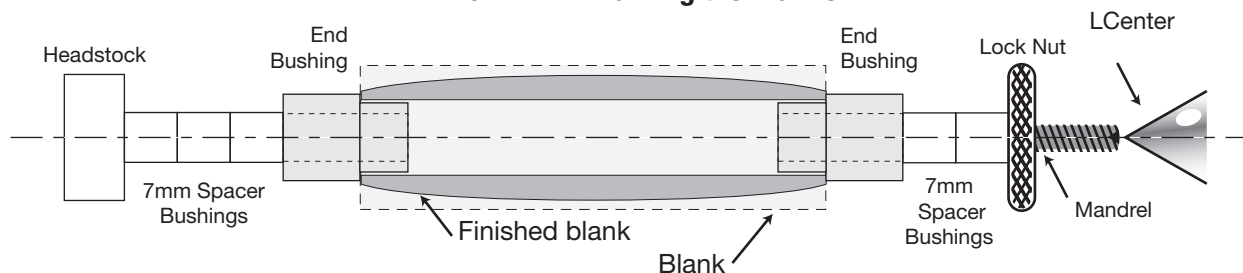
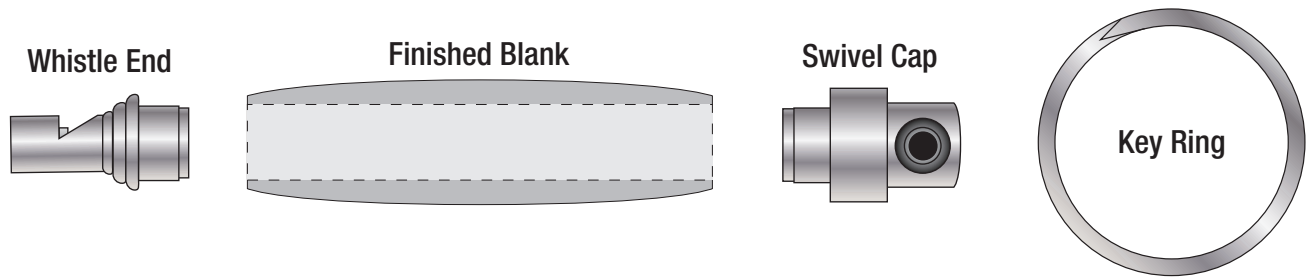


DIAGRAM C • Whistle/Key Ring ASSEMBLY**ASSEMBLY**

- Line-up the parts according to **DIAGRAM C** above.
- Press the whistle end cap into the barrel.
- Press the coupling, recessed end in first, into the opposite end into the barrel flush to the wood.
- Thread on the ring cap into the coupling.
- Affix key ring into the hole in the ring cap.

BUSHINGS

- Use only the end bushings to prepare the blank. See **DIAGRAM D**. The center bushing is not needed for this project. Save for use with other appropriate PSI projects.

DIAGRAM D • BUSHINGS (#PK10-BUSH3)