

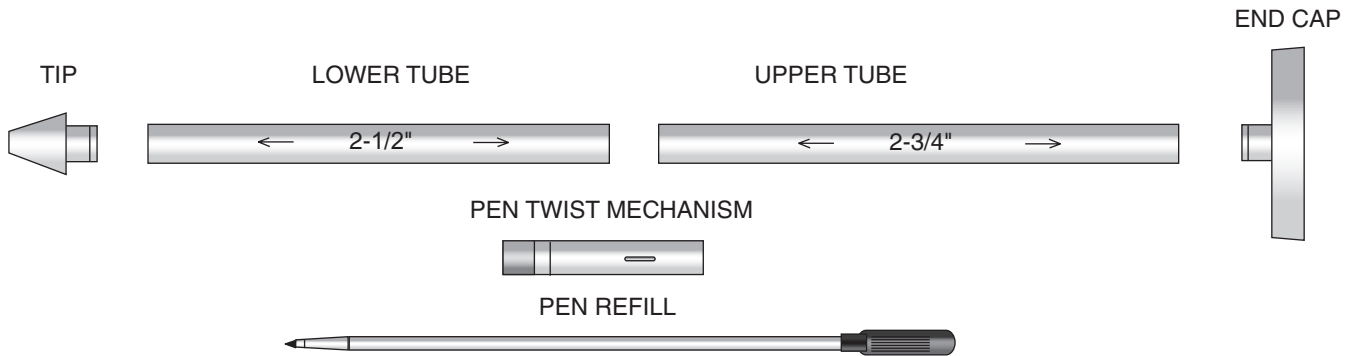
PEN FEATURES:

- An attractive, contemporary fixture for a desk
- Can be turned in many striking profile designs
- Heavy weighted base for sturdy support
- Uses "Slimline" twist mechanism
- Uses "Cross" style refills
- Overall length: 5-5/8"

REQUIRED ACCESSORIES:

- 7mm Pen Mandrel
- 2 pc. bushing set #PKTOWERBU
- 7mm drill bit #PK-7MM
- 7mm barrel trimmer #PKTRIM7
- 2-part epoxy glue or insta cure (cyanoacrylate) glue.

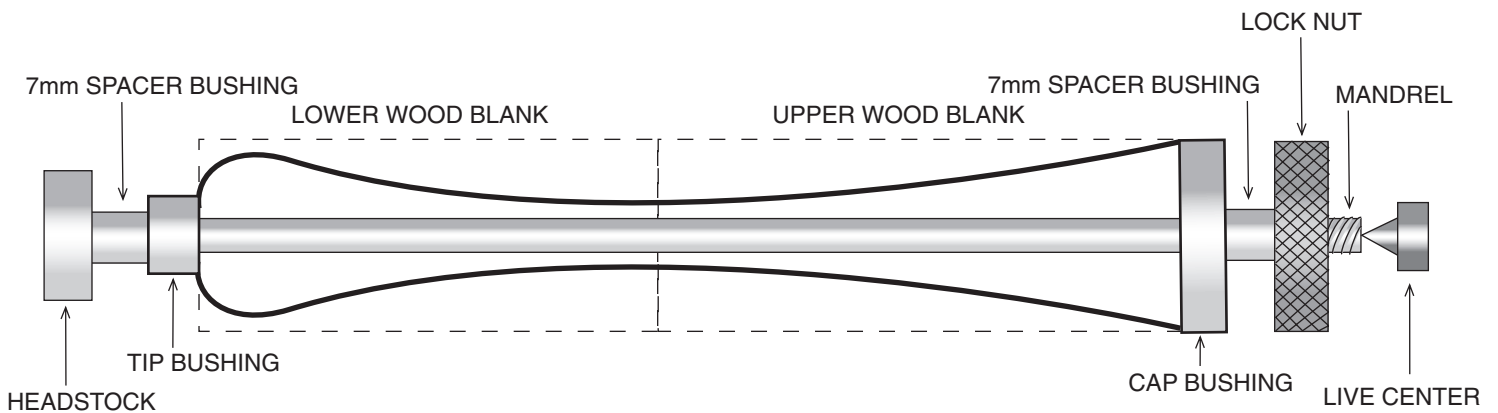
DIAGRAM A: PEN PARTS



PREPARING THE BLANKS:

- Use at least a 1" square blank. Cut the blanks to the length of the brass tubes; add about 1/32" for squaring off.
- Drill a 7mm hole lengthwise through the center of the blanks.
- Spread glue over the tubes; insert the tubes inside the blanks with a twisting motion to spread the glue evenly inside. Center the tubes inside the blanks.
- When the glue dries; use a barrel trimmer to square the ends of each blank. Take the wood down flush to the brass tube.

DIAGRAM B: TURNING THE BLANKS

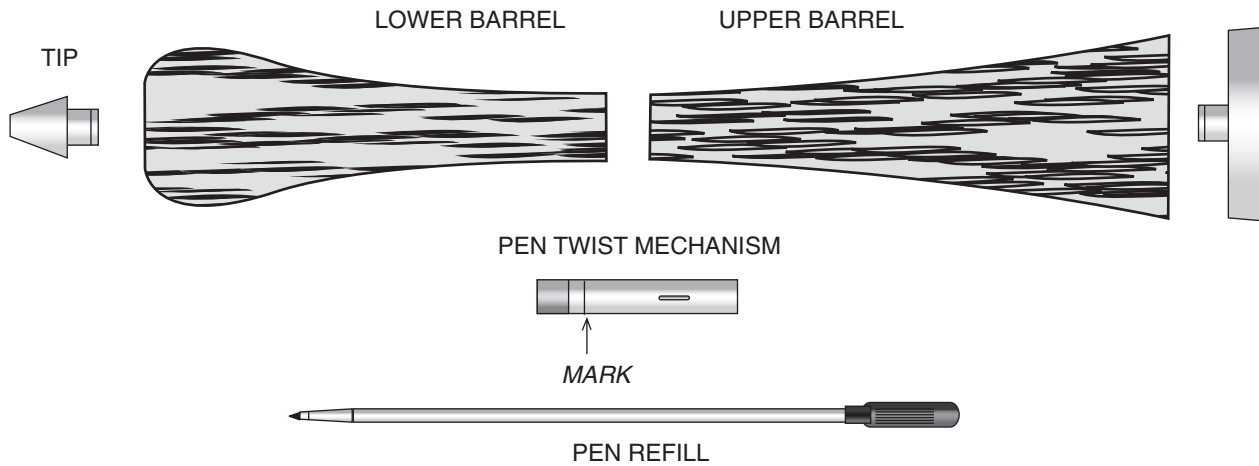


TURNING THE BLANKS:

Place spacer bushings onto the mandrel. Slide on the tip bushing first. Next, put on the lower blank; follow with the upper blank, then the cap bushing. Add spacer bushings if necessary. Thread on the lock nut hand tight. Slide the tailstock snug against the mandrel shaft. (Do NOT over-tighten, it may damage the mandrel) Lock into place.

Turn the wood down to a profile of your choice. Flush to the bushings. Finish the profile using gradual higher grits of abrasives and your choice of friction polish.

DIAGRAM C: PEN ASSEMBLY



ASSEMBLY:

Press the tip into the tip end of the lower barrel.

Press the pen mechanism, brass end in first into the opposite end of the same barrel. Stop at the indentation mark.

Insert the refill into the mechanism, and screw it in hand tight.

Press the end cap into the wide end of the upper barrel.

Engage the two barrels of the pen.

The pen operates by twisting the barrels to extend or retract the refill tip.

BUSHING: #PKTOWERBU

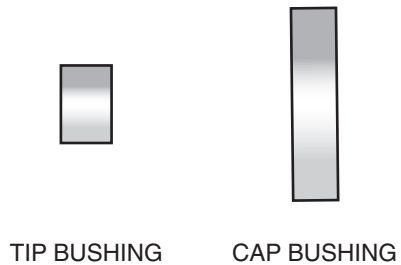


DIAGRAM D: SUGGESTED PROFILES

