

# VERTEX CLICK PEN KIT



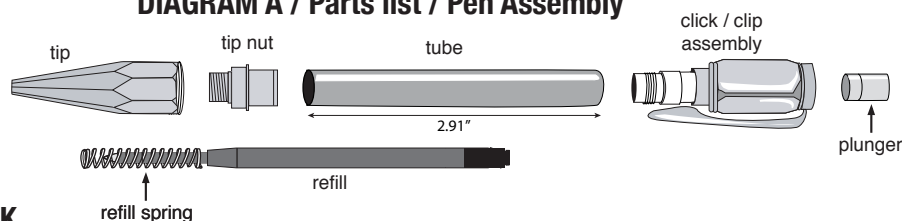
## KIT FEATURES

- Smooth click operation
- Uses Parker® Style Refills
- Overall length: 5 1/2"

## REQUIRED ACCESSORIES:

- 7 mm, Pen Mandrel
- 2 piece Bushing Set #PKFPBU
- 3/8" Drill Bit #PKEXEC-3/8
- Universal Trimming Kit #PKTRIMKIT (Use 3/8" Shaft)
- 2 part epoxy glue or insta-cure (cyanoacrylate) glue

DIAGRAM A / Parts list / Pen Assembly



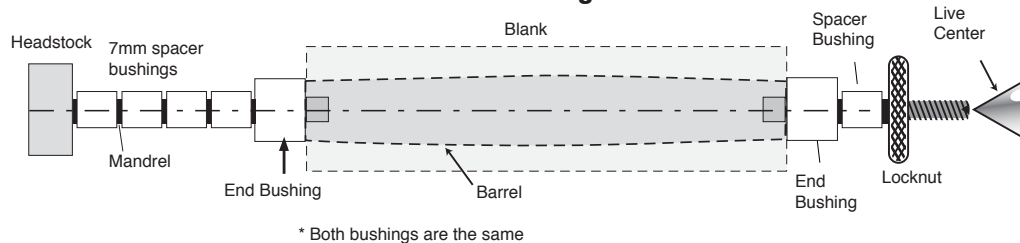
## PREPARING THE BLANK

- Cut 3/4" to 5/8" square blank to the length of the brass tube (add 1/16" for squaring off).
- Drill a 3/8" center hole lengthwise through the blank.
- Spread the glue over the tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise in the blank.
- When the glue dries, square the ends of the blank. Use a universal pen blank squaring jig or a belt/disc sander to square the ends. Take the wood down flush to the brass tube.

## TURNING THE BLANK

- Place three or four standard 7 mm bushings onto the mandrel, followed by an end bushing—wide end first—then the wood blank followed by the other bushing, insert with narrow end in first. Use additional spacer bushings to fill the space on the shaft up to the threads.
- Thread on the lock nut and hand tighten to hold all items in place.
- Slide the tailstock to the mandrel shaft, (do not overtighten, it could damage the mandrel). Lock in place.
- Turn the wood down, flush with the bushings using the lathe tools, gradually increasing the grades of sandpaper.
- Finish the wood with friction polish or use PSI clear hi-gloss project finish #HGPF off the lathe for a brilliant finish.

DIAGRAM B / Turning the blank



## PEN ASSEMBLY

- Press the tip nut, recessed end in first into either end of the barrel.
- Insert the click/clip assembly, plastic end in first into the opposite end of the barrel. Press in.
- Insert the refill, black end in first into the opening at the tip nut. Slide the refill spring over.
- Thread on the tip end over the refill.
- Insert the plunger into the opening at the opposite end, screw in tight.
- The pen is ready to operate by clicking on the plunger to extract or retract the refill tip.

DIAGRAM C • #PKFPBU

