

VERTEX CLICK PEN KIT



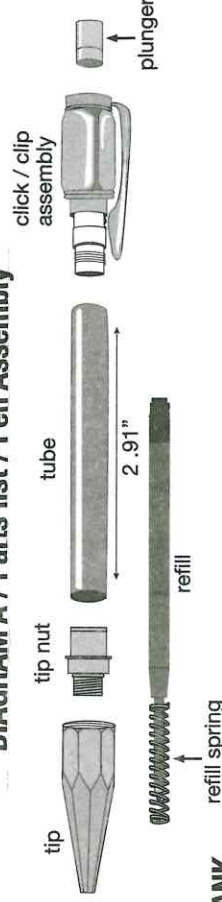
KIT FEATURES

- 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



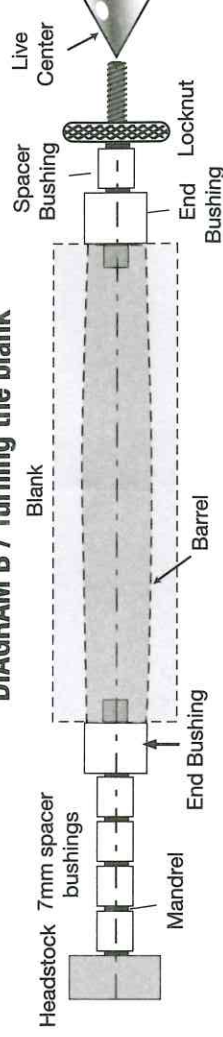
PREPARING THE BLANK

- 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

