

PSI Sketch Pen/Pencil Combo Kit

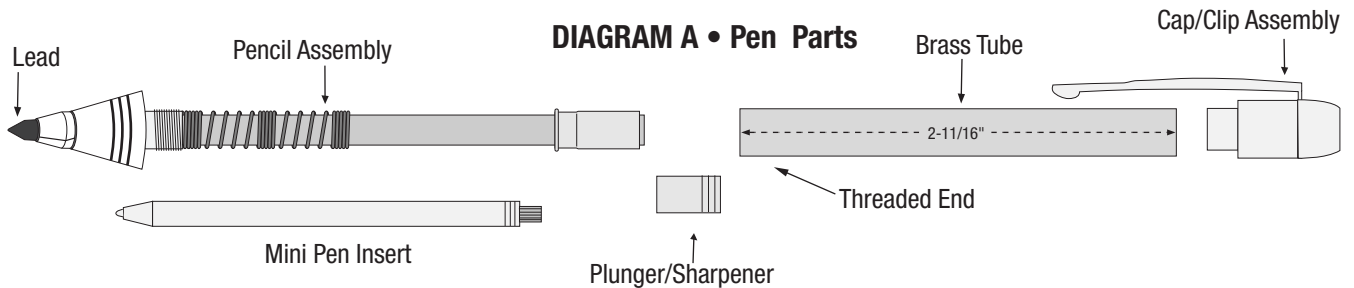
KIT FEATURES:

- Available in various finishes
- Click operating mechanism
- Includes 5.6mm pencil lead
- Includes 5.6mm pen insert (accepts mini pen refills)
- Pencil has a built in sharpener
- Overall length - 4 1/2"
- Convenient pocket pen clip



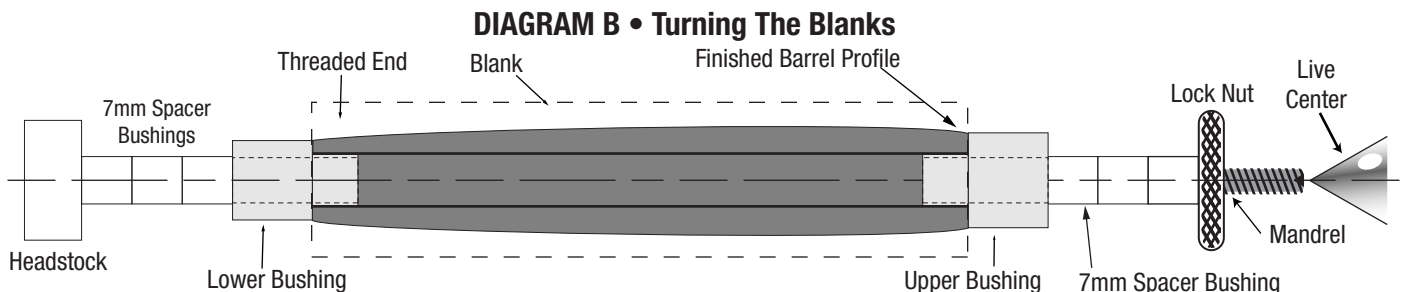
REQUIRED ACCESSORIES:

- 7mm, pen mandrel
- 2 pcs bushing set #PKSPCL2BU
- 11mm drill bit #PKPARK-11MM
- Universal pen blank squaring jig #PKSQUARE or a disc/ belt sander
- 2 part epoxy glue or insta-cure (cyanoacrylate) glue



PREPARING THE BLANK:

- Use 3/4 or larger square stock. Cut to length of the tube (add 1/16" for squaring off).
- Drill a 11mm centered hole lengthwise through the blank.
- Plug the brass tube, threaded end with a fresh potato to avoid the glue from the threads.
- Glue the brass tube in the blank. Spread the glue on the tube. Insert into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise in the blank. Allow it to dry.
- After the glue dries, pull the potato out. Use a universal pen blank squaring jig or belt/disc sander. Square the ends flush to the brass tube.

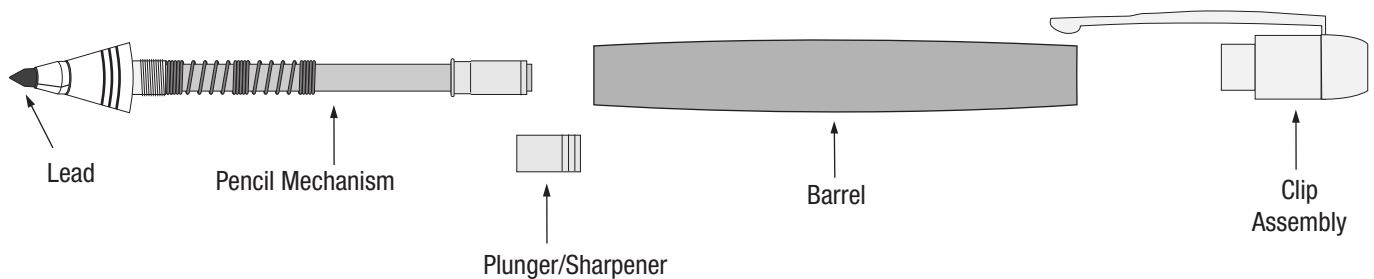


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TURNING THE BLANK:

- Place spacer bushings onto the pen mandrel. Slide the lower bushings (smaller diameter) wide end in first, follow with the blank threaded end in first. Slide in the upper bushing (larger diameter) narrow end in first. Follow with additional spacer bushings to close the space to the threads. Bring the tail stock snug in, and lock in place.
- Turn the blank down to the bushings, sand and finish, then polish the barrel.

DIAGRAM C • Assembly



ASSEMBLY:

- Line up parts according to diagram 'C'.
- Press the cup assembly into the wider end, unthreaded side of the barrel.
- Remove the plunger off the mechanism end.
- Insert the barrel, threaded end in first over the mechanism. Thread on.
- Thread the plunger through the cap until tight.
- The pencil operates by pressing on the plunger to advance or retract the lead extension.
- To sharpen the lead, unscrew the plunger/sharpener and rotate over the tip of the lead.
- To use the pen insert, just slide out the lead and replace with the pen insert (refill with #PKMINI-R5).

DIAGRAM D • PKSPCL2BU

