

Credit Card Stylus Pen Kit

PKTSCPP24 • PKTSCCPCH • PKTSCCPGM

Kit Features:

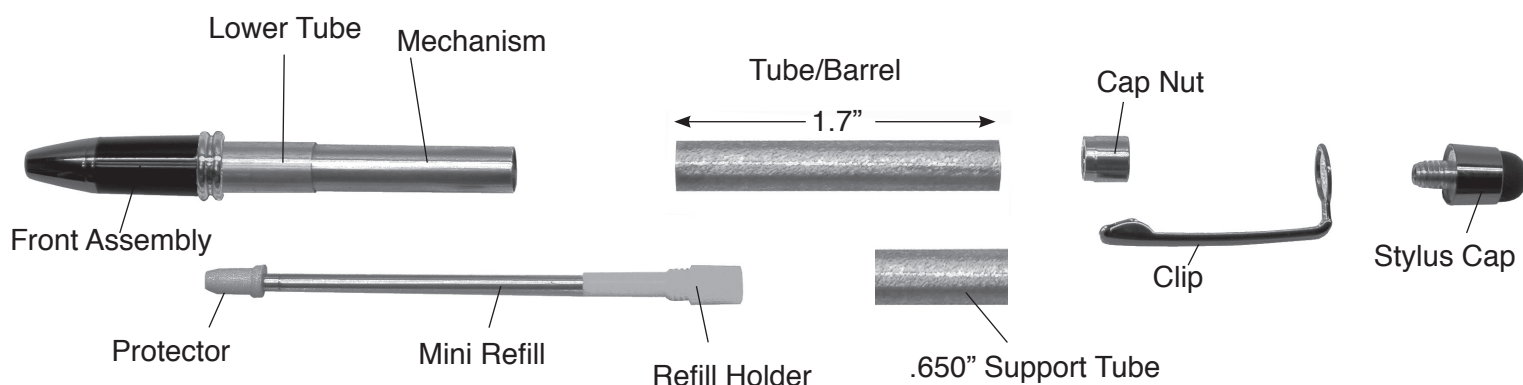
- Easy to turn with a straight or profiled barrel
- Single tube design
- Available in multiple finishes
- Uses Mini Refill
- Interchangeable Replaceable Stylus Tip
- Overall Length: 3-15/16"

Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 7mm
- Bushing set #PKM-BUSH3 (Use 2 of 3 in set)
- Barrel Trimming set #PKTRIM7
- Live Tailstock Center or Mandrel Saver Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size - 2-1/2" x 5/8"



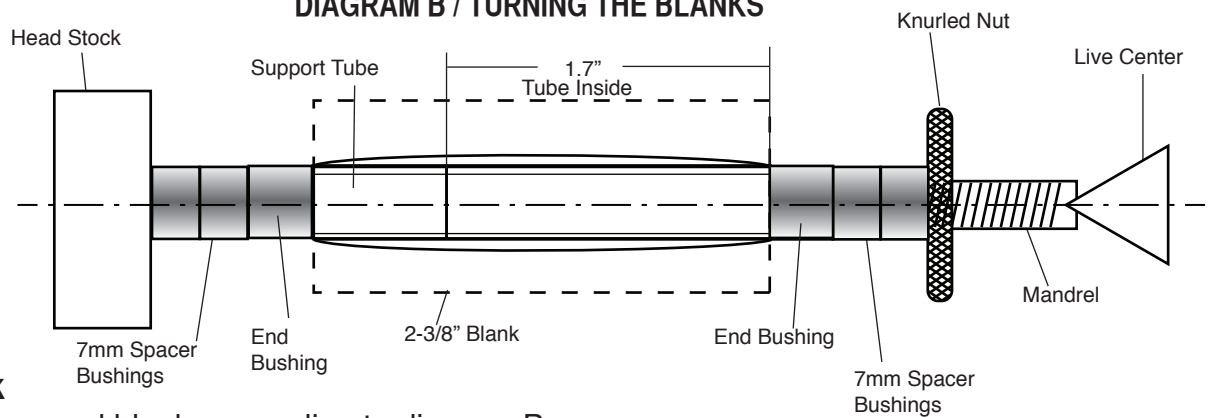
DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

- Cut a blank to 2-3/8" and add 1/16" for squaring off.
- Drill A 7mm hole lengthwise through the blank.
- Spread glue over the tube, insert into the blank with a twisting motion to spread the glue evenly inside.
- Stop at the edge of the blank. **NOTE: Tube does not extend completely inside drilled hole.**
- The remaining internal portion of the blank must be filled with the support tube during the turning process on the lathe. Be careful not to apply any glue to this section.
- When the glue is dry, insert the support tube in the opposite end of the blank to fill-up the vacant space. This will be removed prior to assembly.
- Square the ends of the blank with the tube. Use a 7mm barrel trimmer or a universal pen blank squaring jig with a power disc sander. Take the excess material down flush with the end of the glued brass tube on one end. Take the blank down to 2-3/8" on the opposite end where there is no glued-in tube very carefully by **SANDING ONLY!**

DIAGRAM B / TURNING THE BLANKS

**Turning the Blank**

- Mount the bushings and blanks according to diagram B.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel).
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel (straight or to a profile of your choice)
- Sand the blank down to be flush with the bushings gradually increasing the sandpaper grits.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure. Refer to polish instructions.

Assembly

- Layout parts according to diagram A
- Remove the support tube from the finished barrel.
- Remove the protector from the refill.
- Turn the mechanism counter clockwise until the inside thread is outward.
- Insert the refill assembly into the opening at the mechanism and screw inside.
- Press the cap nut with recess end into the brass tube end of the barrel.
- Affix the mini washer over the threads of the cap. Affix the clip and screw the assembly into the cap nut end.
- Engage ends of the pen to close the gap.
- The pen operates by twisting the ends, to advance or retract the refill.
- Use the stylus in the normal manner.
- Change the refill by removing the barrel from the front assembly and unscrewing the refill.

Diagram C / Bushings #PKM-BUSH3