# Credit Card Stylus Pen Kit PKTSCPP24 · PKTSCCPCH · PKTSCCPGM

### **Kit Features:**

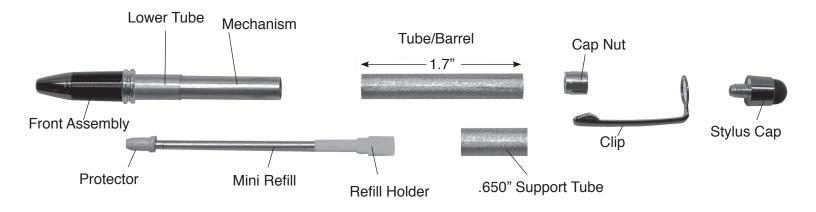
- · Easy to turn with a straight or profiled barrel
- Single tube design
- Available in multiple finishes
- Uses Mini Refill
- Interchangeable Replaceable Stylus Tip
- Overall Length: 3-15/16"

#### **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"



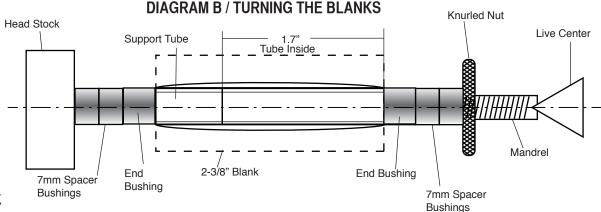
#### **DIAGRAM A / PARTS LAYOUT**



#### **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 <u>any</u> 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!

#### **PSI Woodworking Products**



#### **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

