Mayan Twist Pen Kit

Kit Features:
- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in multiple finishes
- Uses Parker® style refill
- Overall Length: 6”

Required Accessories:
- 7mm Pen Mandrel
- Drill Bit: #PKPARK-8MM
- Bushing set (3 pc): #PKMAYBU
- Barrel Trimming set: #PKTRIM8
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size - 3/4” x 3-3/4”

Preparing the Blank:
- Cut 2 blanks to the length of the tubes and add 1/16” for squaring off.
- Drill 8 mm holes lengthwise through the blanks.
- Spread glue over the tubes, insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tubes lengthwise inside the blanks.
- When the glue is dry, square the ends of the blanks. 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 ends of the brass tube. (do not trim beyond the length of the tube since this may interfere with operation of the mechanism and assembly).
- Use a barrel trimmer to clean the inside of the tube.

NOTE: When assembling, do not press directly on the threads
Assembly

- Layout parts according to diagram A.
- Press the tip into either end of the lower barrel.
- Slide the coupler into the recessed side of the band. Press this assembly into the opposite end of the lower barrel.
- WARNING: It is not advised to press directly over the threads, instead use a pen blank. Cut a section 3/4” long. Drill a 8mm hole through. Affix this blank over the threads and press the coupler in.
- Affix the spring over the refill’s end, insert into the opening at the coupler. Screw the mechanism over the coupler and refill.
- For best alignment of clip, cap & blank assemble as follows:
  1. Thread the cap through the clip washer and screw the cap nut onto the thread until tight.
  2. Align the clip & cap in position over the barrel. Press assembly into barrel.
- Insert and slide the upper assembly over the exposed mechanism. Press together to close the gap.
- The pen operates by twisting both ends to advance or retract refill. To replace refill, twist upper barrel (do not pull) until it unthreads from the mechanism to expose the top of the refill.

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Diagram C / Bushings #PKMAYBU