

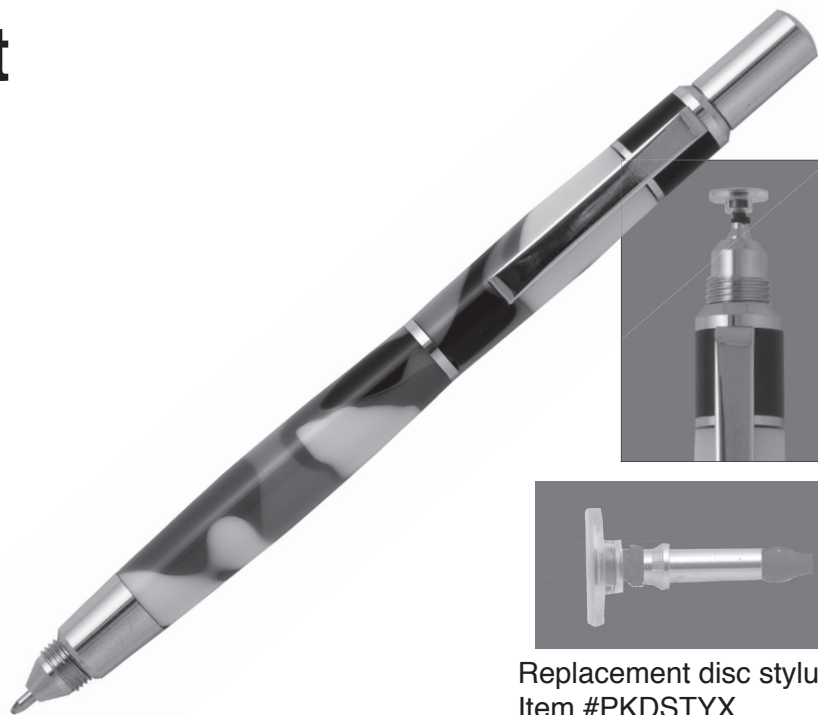
# The Disc Stylus Pen Kit

## Kit Features:

- Primary Function features
- Disc stylus-long lasting less abrasion on screen
- Protective cap over stylus
- Easy to turn sleek design
- Minimum parts - easy to assemble
- Available in multiple finishes
- Uses Cross style refill
- Overall Length: 5 11/16"

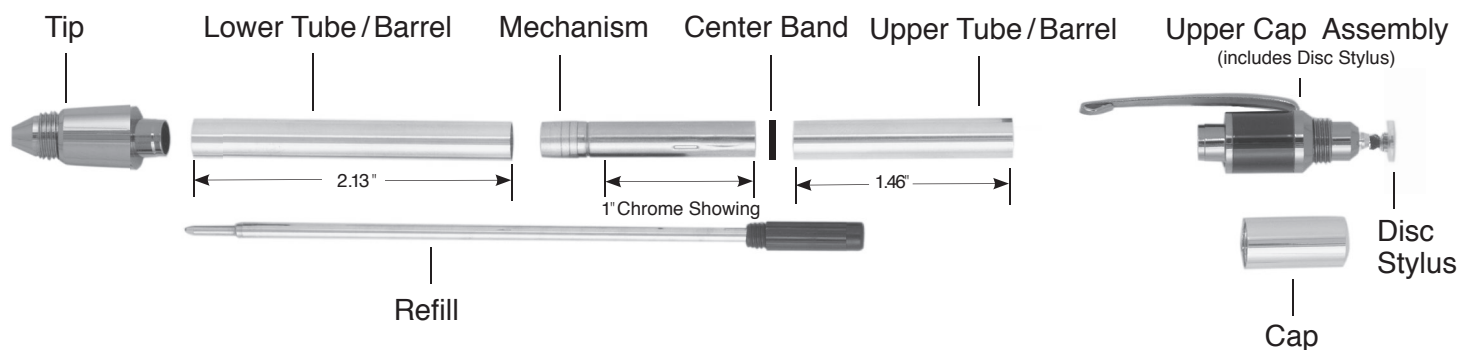
## Required Accessories:

- 7mm Pen Mandrel
- Drill Bit(s) 7mm #PK-7mm
- #PKDSTYBU Bushing set (3pc)
- #PKTRIM7 Barrel Trimming set
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size - 5/8" x 4"
- Replacement disc stylus - Item #PKDSTYX



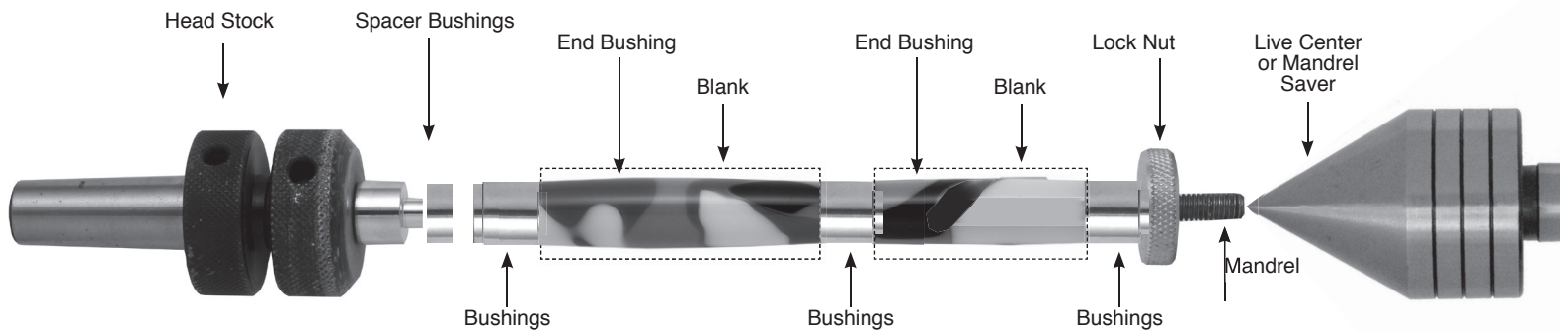
Replacement disc stylus  
Item #PKDSTYX

## DIAGRAM A / PARTS LAYOUT



## Preparing the Blank:

- Cut 2 blanks to the length of the tube and add 1/16" for squaring off.
- Drill 7mm holes lengthwise through the blanks.
- Spread glue over the tube(s), insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tubes lengthwise inside the blank.
- 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.

**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**

Note: Layout finished parts according parts to diagram "A"

- Press the tip into either end of the lower (Longer) barrel.
- Press the mechanism into the opposite end of the barrel. Press until only 1" of chrome is showing. For best results, press less than 1" then test refill tip extension, continue to press at small intervals until the refill extends to the proper length. (See Dia "A")
- Affix the center band over the mechanism, slide pass the ribs. (Press using the upper barrel if too tight).
- Insert the refill into the opening at the mechanism, screw into bottom.
- Press the upper cap assembly into either end of the upper barrel.
- Engage both ends of the pen to close the gap.
- The pen is ready to use by twisting the ends to advance or retract the refill.
- To change the refill, pull off the cap section to expose refill.

**Diagram C / Bushings #PKDSTYBU**