

# The Tablet Stylus Pen Kit

PKTSPEN24 • PKTSPENCH • PKTSPENGM

## Kit Features:

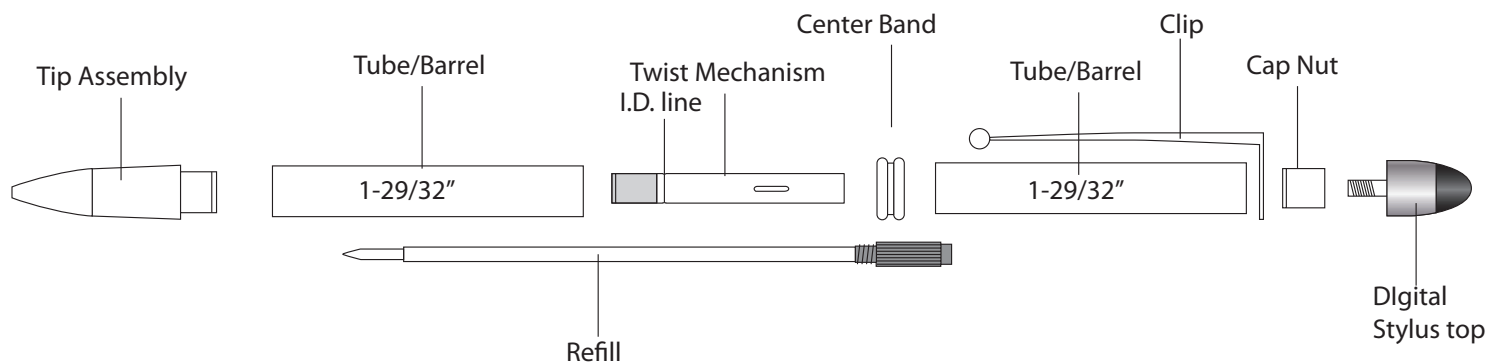
- Digital Stylus top
- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in multiple finishes
- Overall length is 5-1/4"
- Uses Cross® type refills
- 7mm Tube size

## Required Accessories:

- 7mm, Pen Mandrel
- 7mm Drill Bit, #PK-7MM
- Slimline Bushing set, #PKM-BUSH3
- Barrel Trimming set PK-TRIM7
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Minimum Size Pen Blank 5/8" x 4-1/2"
- Tube length 1-29/32"



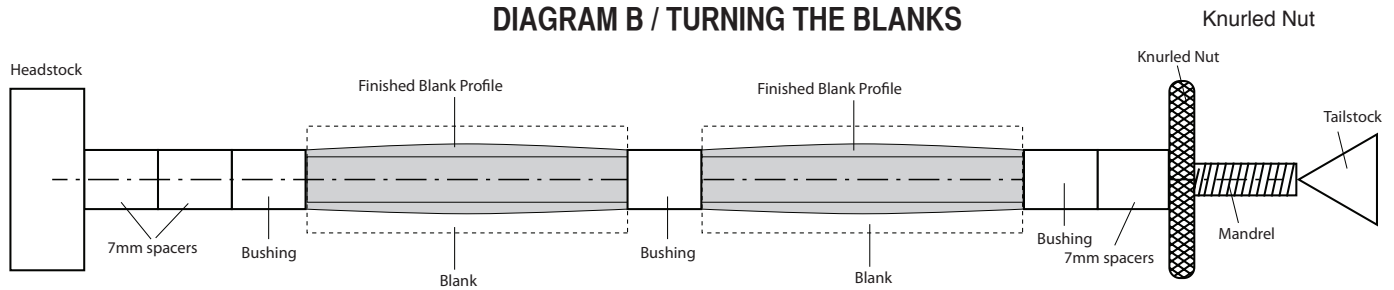
DIAGRAM A / PARTS LAYOUT



## Preparing the Blank:

- Cut 2 blanks to length of tube(s) and add 1/16" for squaring off.
- Drill 7 mm 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 blanks.
- When the glue is dry, square the ends of the blanks. You can use a 7mm barrel trimmer with the proper sleeve, 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 brass tube or leave excess glue inside 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 over-tighten, 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**
- Insert tip assembly into either barrel
- Insert twist mechanism into opposite end, press to the I.D. line
- Press the cap nut into the end of the opposite barrel
- Insert the threaded stud of the soft cap into the clip, thread into the cap nut
- Slide the center band over exposed chrome on the mechanism.
- Engage both ends of the pen
- Pen is now ready to use by twisting the ends to retract or advance the refill

### Trouble shooting: Problem - your touch stylus does not work on a touch Screen

The stylus tip control over a touch screen is activated by the electric conductivity from your finger, through the stylus tube to the rubber tip - this small electrical charge enables the stylus to work. If it does not work try these remedies.

Check your fingers: If you (or the user) have on gloves or other finger protection take it off. If fingers are covered with glue from assembly - remove the glue. Check to see if your fingers work without the stylus. If it does not then the problem is probably not the fault of the stylus.

There must be good connectivity between your fingers and the stylus tip through the tube inside of your kit. You may get poor connectivity if you split the tube, or the components are not properly pressed with excessive glue. The easiest way to remedy this is to fold a piece of silver foil and insert into the tube so it presses both front and rear ends to complete all possible poor connections.

Remove the tip and try another tip. If the original tip is defective, call the company for a replacement.

## Diagram C / Bushings #PKM-BUSH3

