

# The Trimline Pencil Kit

## Kit Features:

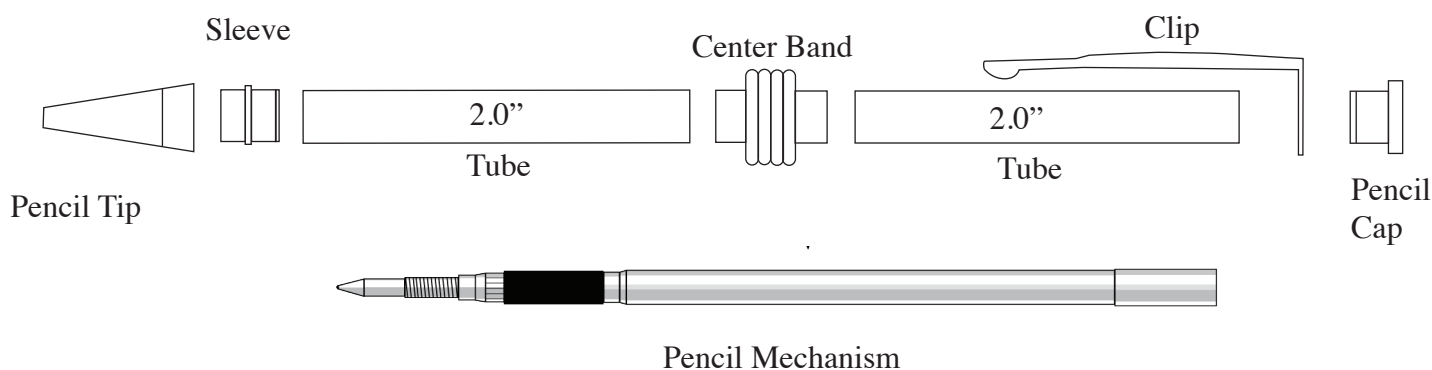
- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in multiple finishes
- Uses .7mm lead
- Parts and Assembly similar to slimline pencil kits
- Replaceable Eraser available #PK-PCLE10
- Overall Length: 5-5/8"

## Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 7mm #PK-7MM
- PKXMBU Bushing set(3 pc)
- PK-TRIM7 Barrel Trimming set
- Live Tailstock Center
- 2 Parts Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size 5/8" x 2-1/4"
- Extra Tubes: PKT7-10

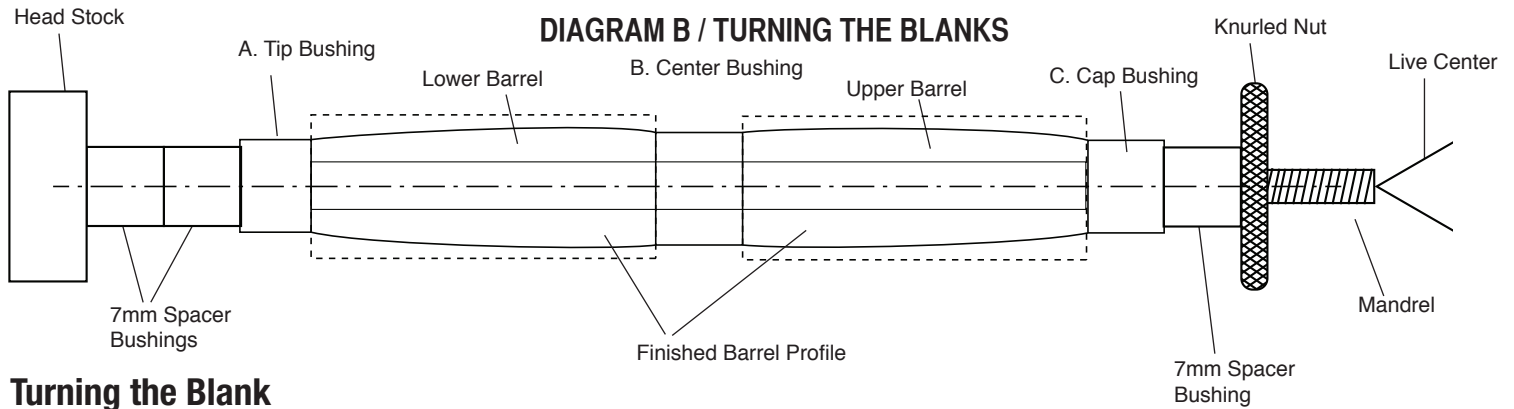


## DIAGRAM A / PARTS LAYOUT



## Preparing the Blank:

- Cut 2 blanks to the length of the tube(s) 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 blanks.
- When the glue is dry, square the ends of the blanks. Use a 7mm barrel trimmer. 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). The barrel trimmer will clean the inside of the tube.



## Turning the Blank

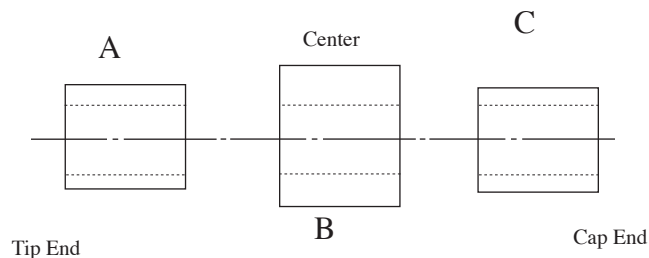
- Mount the bushings and blanks according to diagram B.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to 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
- Press the pencil sleeve, wide end in first into the narrow end of the lower barrel.
- Press the center band into the opposite end of the barrel.
- Press the opposite end of the band into the wide end of the upper barrel.
- Insert the pencil cap into the clip. Press this assembly into the narrow end of the upper barrel.
- Insert the pencil mechanism through the cap. Slide through the sleeve until the threads are exposed.
- Thread the tip over, to bottom.
- The pencil is ready to operate by clicking softly on the plunger. The lead will advance.
- To fill the barrel, pull the plunger off and remove the eraser. Drop 4-5 leads into the barrel. Replace parts removed and click gently until new lead appears.
- To use the eraser, just pull the plunger off to expose.

## Diagram C / Bushings #PKXMBU



Tip Bushing: A .347"  
 Center Bushing: B .440"  
 Cap Bushing: C .330"  
 Inner hole: .248"