

Woody Pen & Pencil Kit

Kit Features:

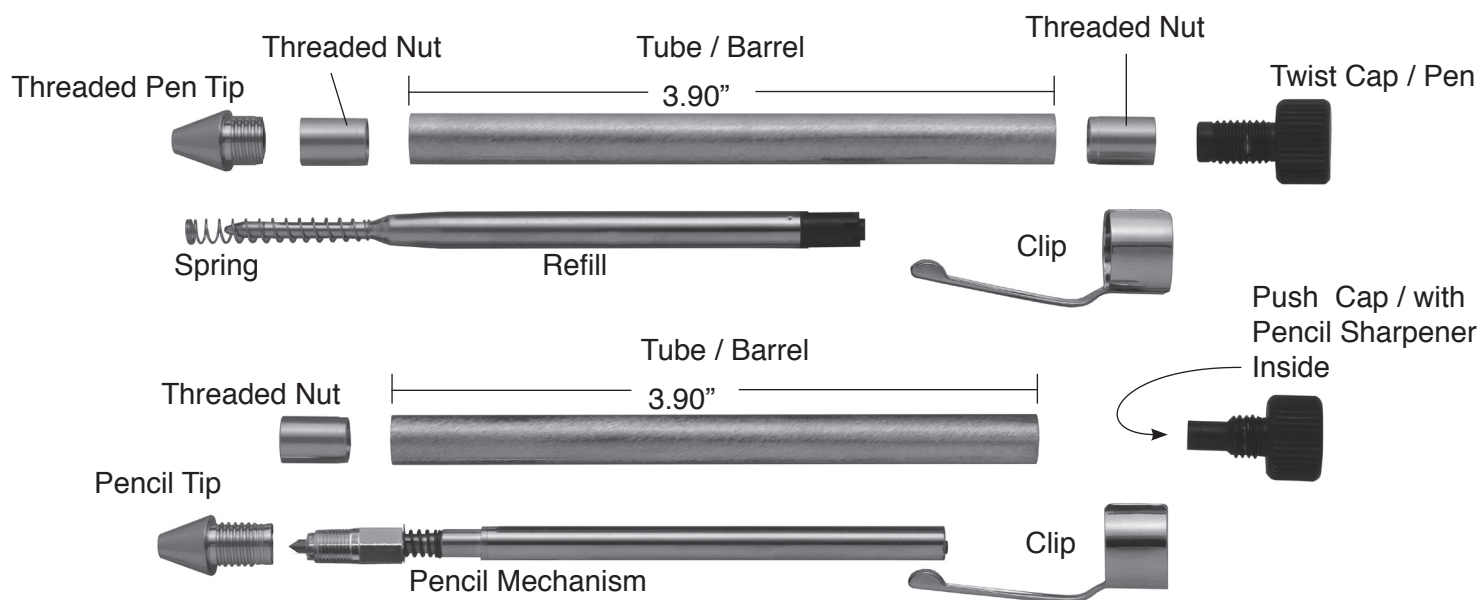
- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in multiple finishes
- Pen uses Parker® refill
- Pencil uses 2mm lead
- Overall Length: 4-3/4"

Required Accessories:

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



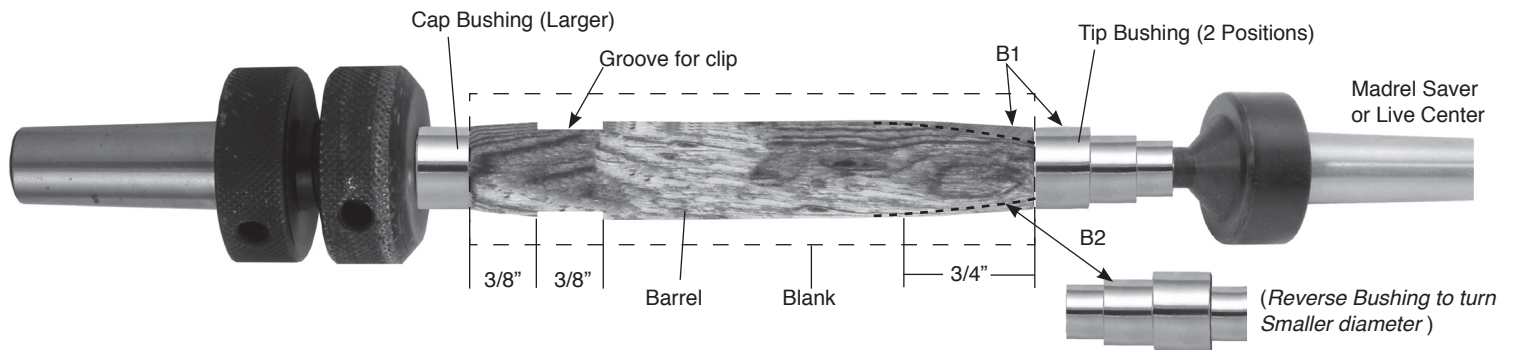
DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill a 8mm hole lengthwise through the blank.
- Spread glue over the tube, insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blank. Use a 8mm 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.
- Turn the blank straight from bushing to bushing (B1 wide end), then turn the tip bushing around to smaller diameter (B2). Mark 3/4" from the cap bushing. Turn the blank in to a taper to the smaller diameter (B2).
- Clip - Mark 3/8" from the top of the blank. Turn a slot for the clip as shown about 3/8" wide x 1/16" deep.
- 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

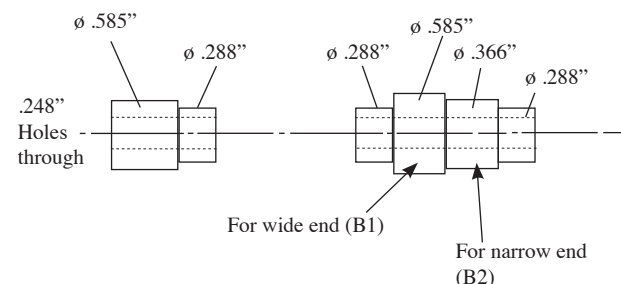
- Layout parts according to diagram A

Pen:

- Press the threaded nut, recessed end in first into each end of the barrel.
- Screw on the pen tip into the opening at the narrow end.
- Affix the spring over the refill. Drop into the opening at the opposite end of the barrel.
- Screw in the pen cap over the refill.
- Affix the clip onto the slot groove on the barrel.
- The pen is ready to use by twisting the cap to advance or retract the refill.

Pencil:

- Press the threaded nut, recessed end in first into front end of the barrel.
- Screw on the pencil tip over the mechanism to bottom.
- Screw this assembly into the threaded nut.
- Press the pencil cap into the end of the pencil mechanism.
- Affix the clip onto the slot groove on the barrel.
- The pencil is ready to use by pressing the cap to advance the lead.
- To replace the lead, pull off the cap pushing down on the tip. Drop in a new lead. Click on the mechanism until the new lead passes the tip opening.
- To install clip use needle nose pliers to spread clip opening. Push clip onto barrel while spreading opening.

Diagram C / Bushings #PKWDYBU

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PRODUCTS