

Golf Club Pen Kits

Kit Features

- Easy to Turn with Straight Tubes
- Minimal Parts—easy to assemble
- Each kit features one of three styles of Clubhead threaded into the cap.
- Available in multiple finishes
- Uses Refill: PK-MINI-R5
- Overall Length: 5-15/16"

Required Accessories

- 7mm Pen Mandrel
- Drill Bit: #PK-7MM for Wood, #PK-7MMMSG for Plastic
- Bushing Set(2pc): #PKCLUBBU
- Barrel Trimming: #PKTRIM7 or use a squaring jig on a disc sander
- Live Tailstock or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 5/8" x 5/8" x 3"L

Preparing the Blank:

- Prior to cutting and gluing, always verify tube length is correct (see parts diagram on back page)
- Cut blank to the length of the tube, adding 1/16" for squaring off.
- Drill a 7mm hole lengthwise through the blank.
- Spread glue over tube, insert the tube into the blank while twisting to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blanks, making sure the trimmed ends are 90° to the tube. Use a 7mm Trimmer or a pen blank squaring jig on a disc sander. Take the excess material down flush to the ends of the tubes. Do not trim past the end of the tube since this may interfere with assembly and the operation of the mechanism. Use a barrel trimmer to clean the inside of the tube.



DIAGRAM B / TURNING THE BLANK

Headstock

Mandrel Saver
Tailstock

Turning the Blank:

- Mount the bushings and blanks according to diagram B.
- When using Mandrel Saver, there is no need for extra spacer bushings or the knurled nut. Slide and lock tailstock directly against bushings and tighten quill until blank and bushings are secure.
- To use Knurled Nut Setup (right), add spacer bushings until past the threads on the end of the Mandrel Shaft.
- 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 Tailstock and hand tighten the quill adjustment with wheel to steady the mandrel. Do not over-tighten, it could damage mandrel shaft.
- 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 sandpaper grits.
- Finish the barrel using your choice of polish. Allow sufficient time for the polish to cure—refer to polish manufacturer's instructions.

Knurled Nut Setup

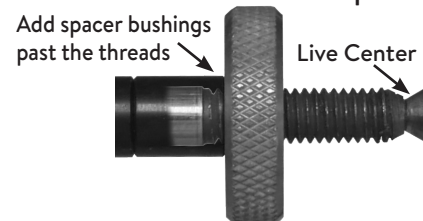


Diagram C / Bushing #PKCLUBBU

0.352"

SAME

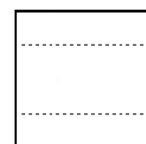
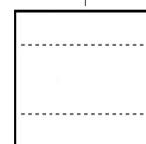
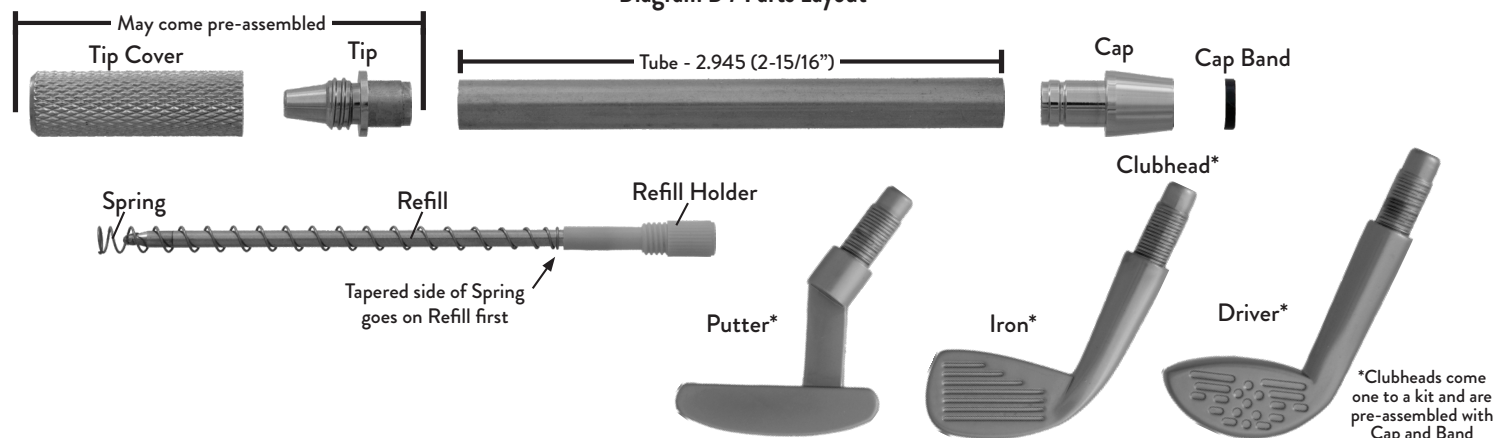


Diagram D / Parts Layout

**Assembly:**

- Before Pressing Cap, Unthread the CLubhead from it—be careful not to lose the band when separating the parts.
- Press Cap into either end of the Barrel.
- Press Tip into remaing, open end of Barrel. Pressing it will be easier with the Tip and Tip Cover threaded together.
- Note that spring must be on Refill so that it the tapered side stops against the end of the Refill holder. If the spring is reversed the refill may not seat properly.
- Slide Refill, point side first, into the hole in the cap.
- Thread Clubhead into the Cap—make sure Band is on the thread before assembling.
- To use Pen, remove Tip Cover. Replace Tip Cover when storing
- To change Refill, unscrew Clubhead to access the old Refill. Be careful not to lose the Cap Band. Transfer Spring and Refill Holder to new Refill.