

# PKMONTL Lady Designer Twist Pen

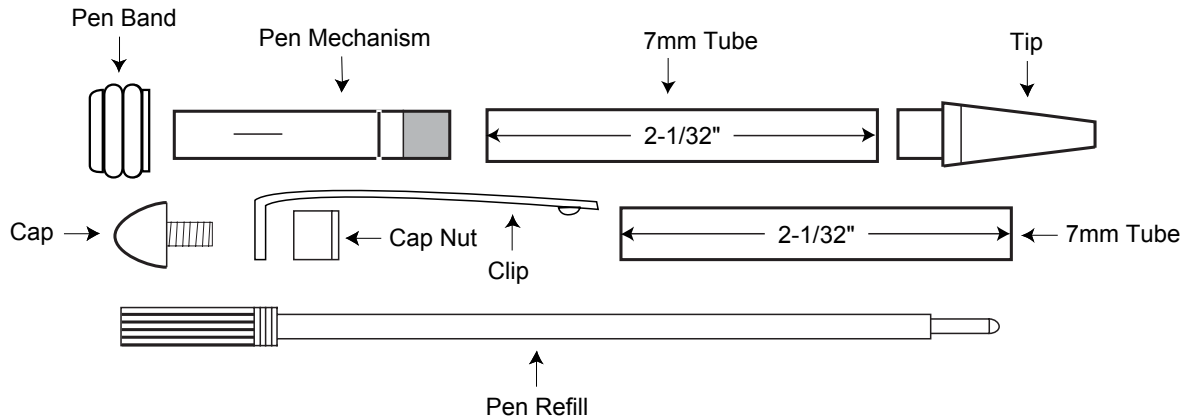
## Kit Features

- 24kt gold plating with a heavy epoxy coating
- Unique design, slim and short enough to fit in a purse
- This short design will also fit into a golf shirt pocket.
- Smooth operating twist mechanism
- Uses a Cross© style ball point refill
- overall length: 5 - 3/16"

## Required Accessories

- 7mm pen mandrel
- 7mm drill bit PK-7mm
- 3pc bushings PKM-BUSH3 and 'Designer' PKMONT-BUX sizing bushing
- 7mm barrel trimmer PK-TRIM7
- 2-part epoxy glue or insta-cure (cyanoacrylate) glue

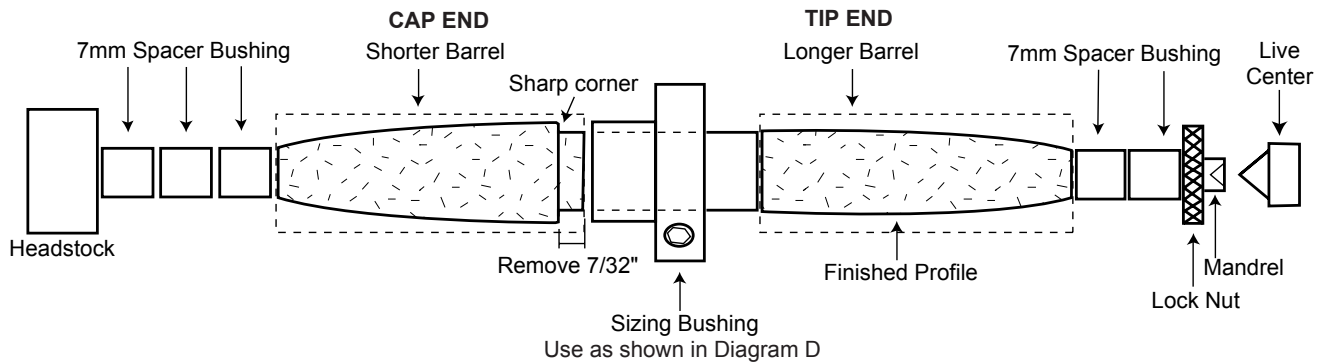
Diagram A- Parts List



## Preparing the Blank

- Cut 5/8" square blanks to the length of the brass tube. (Add 1/16" for squaring off).
- Drill a 7mm hole through each blank (or use PSI mini blanks)
- Spread glue over the tubes, insert each tube into a blank with a twisting motion to spread the glue evenly inside and center the tubes lengthwise into the blanks.
- When the glue dries, square the ends of each blank. Use a 7mm barrel trimmer. Take the wood down, flush to the brass.

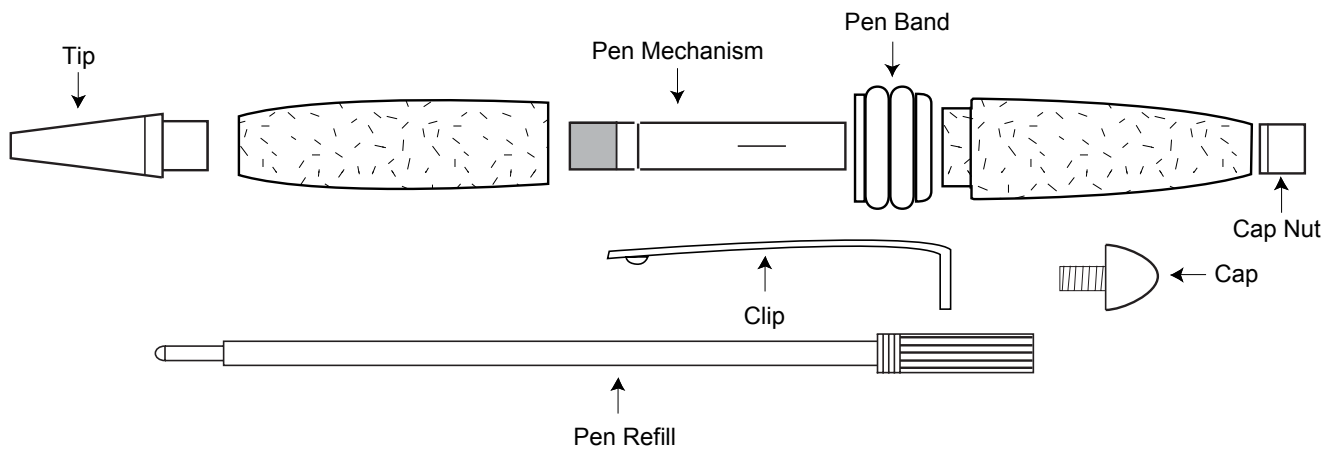
Diagram B- Turning the Blanks



## Turning the Blank

- Place 7mm bushings on the mandrel, then a wood blank. Slide on the sizing bushing (see PKMONT-BUX instructions) either direction, but, you must designate what end will be the cap and which will be the tip end (lower).
- Slide the sleeve on the sizing bushing flush with the upper blank as shown in diagram D and tighten. Lock in place.
- Next, place the other blank on, following with 7mm bushings. Thread on the locknut hand tight, bring in the tailstock. Lock in place. Tighten the lock nut (DO NOT overtighten. It will damage the mandrel).
- Follow turning instructions. Turn the wood with a profile between the bushings. For cutting the tenon/removing wood, follow # PKMONT-BUX instructions (NOTE: remove just enough wood so the center band just fits). Sand and finish the wood.

Diagram C- Assembly



**Assembly**

- Press the tip into the narrow end of the lower barrel.
- Press the mechanism, brass end in first into the opposite end of the barrel. Stop at the indentation line.
- Insert the refill into the mechanism, screw to the end. Test the extension of the refill point by twisting the mechanism.
- Place a drop of glue on the tube, then slide the pen band over flat side toward cap, tapered end toward tip. Let dry.
- Press the cap nut into the opposite end of the barrel.
- Insert the cap screw into the hole in the clip. Screw this assembly into the cap nut/barrel.
- Engage both ends of the pen, twist the barrels to extend or retract the refill. The pen is now ready to use.

Diagram D- Bushings

