

# THE GATSBY PEN KIT

## KIT FEATURES:

- Smooth cap twist mechanism
- Parker™ style refills - #PKPARK-R5
- Overall length: 5-1/4"

## REQUIRED ACCESSORIES:

- 7mm pen mandrel
- 2-pc bushing set #PKGABU
- Drill bit – 27/64" #PK2764
- Barrel trimming sleeve #PKGABTS
- Universal trimming kit #PKTRIMKIT
- 2-part epoxy glue or insta-cure glue (cyanoacrylate)
- Live tailstock center

## PREPARING THE BLANK:

- Prepare a master blank of at least 5/8" square. Cut to the length of the brass tube (add 1/16" for trimming).
  - Drill a 27/64" center hole through the blank.
- NOTE: Sand the tube with 220 grit abrasive for better adhesion.
- Glue the tube in the blank. Spread the glue over the tube; insert the tube into the blank with a twisting motion to spread the glue evenly. Center the tube inside the blank.
  - Square the ends of the blank using a 7mm barrel trimmer with the adapter sleeve (#PKGABTS). Mount the sleeve over the shank. Trim the blank down flush with the brass tube.

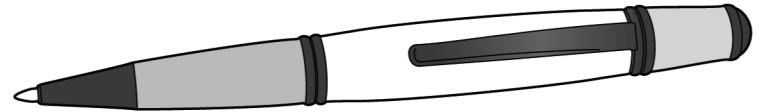
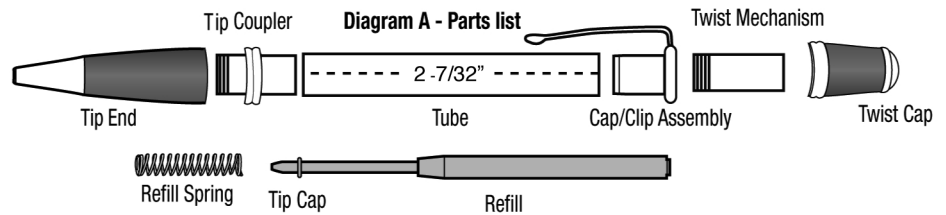


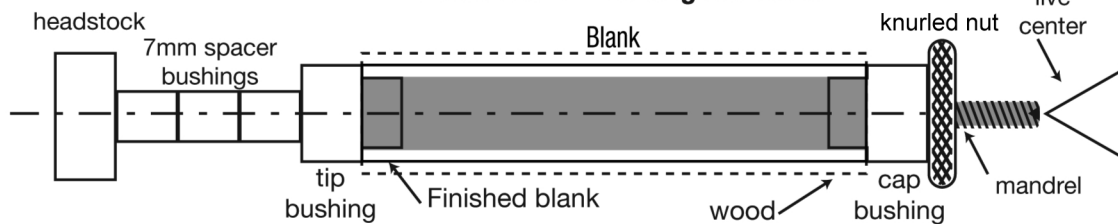
Diagram A - Parts list



## TURNING THE BLANK:

- Mount 7mm spacer bushing on the mandrel, followed by the tip bushing; wide end first. Insert the blank. Follow with the cap bushing; narrow end first. Mount spacer bushing to fill the space to the threads on the mandrel. Screw on the knurled nut hand tight. Bring the tailstock in snug to the mandrel and tighten the knurled nut for turning. Do not overtighten the knurled nut, it may damage the mandrel.
- Turn the blank down close to the bushings. Follow with abrasives until the barrel diameters are flush with the bushings.
- Finish with your choice of polish.

DIAGRAM B Turning the blank



## ASSEMBLY:

NOTE: Line up finished parts according to Diagram 'C'.

- To avoid damage to components when assembling, use vice with covered jaws or PSI #PENPRESS4.
- Press the tip coupler, plain side into either end of the barrel.
- Insert and press the clip assembly into the opposite end of the barrel.
- Screw on the tip end over the exposed threads of the tip coupler.
- Pull the refill tip cap out and drop the refill with the spring into the opening at the clip end.
- Screw the twist mechanism into the clip assembly threads.
- Mount and push the twist cap over the mechanism stem to bottom.
- The pen operates by twisting the cap in either direction to advance or retract the refill.

Diagram C - Assembly

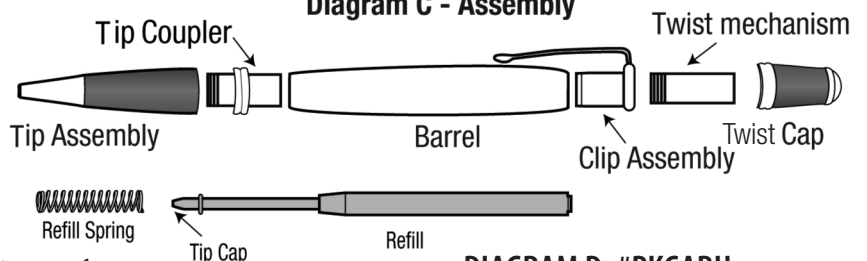


DIAGRAM D: #PKGABU

