# Nova Click Ballpoint Pen Kit INSTRUCTIONS【#PKCL-3】



**KIT FEATURES:**
- Single tube
- Parker style refills - #RF-2-BK
- Overall length: 5-3/8" (135mm)

**REQUIRED ACCESSORIES**
- 7 mm pen mandrel
- Bushing set #BUCL-3
- Drill bit: 9.5 mm (3/8") #DB-9.5
- Barrel trimmer : Standard 7mm Barrel trimmer
- 2-part epoxy glue or insta-cure glue (cyanoacrylate)
- Wood or acrylic blank, minimum size 5/8"
- Live tailstock center
- Sanding and finishing supplies

**PREPARING AND TURNING THE BLANK**

**1. Cutting the wood or acrylic blank**

Cut one blank to the length of the brass tube plus approximately 2 mm.(Approx. 80 + 2 mm). Grain should run lengthwise.

**2. Drilling the blank**

Drill a 9.5mm diameter centered hole lengthwise through the blank. Excessive pressure will cause the drill bit to wander and/or split the blank. Slow the feed rate and back the bit out repeatedly for chip removal.

**3. Gluing the brass tube into the blank**

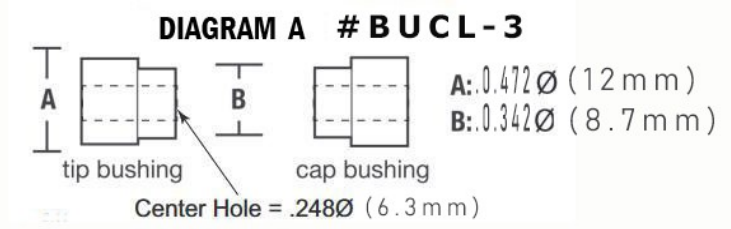
Use epoxy or a gap filling cyanoacrylate. Spread the glue on the tube. Insert into the blank with a twisting motion to spread the glue evenly inside. Centre the tube lengthwise in the blank. Allow the glue to dry. Remove all glue residue from the tube.

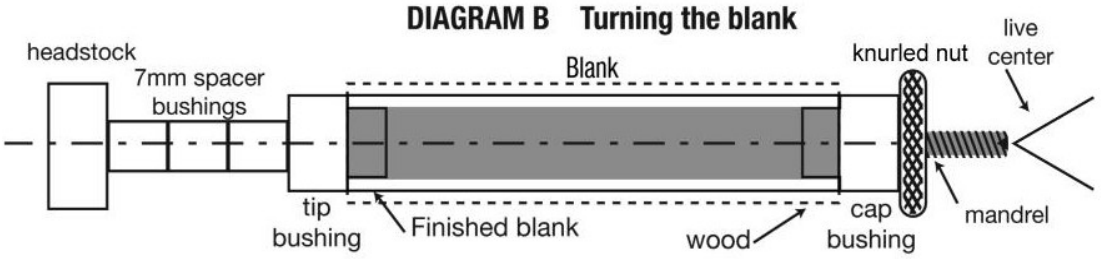
**4. Squaring the ends of the blank**

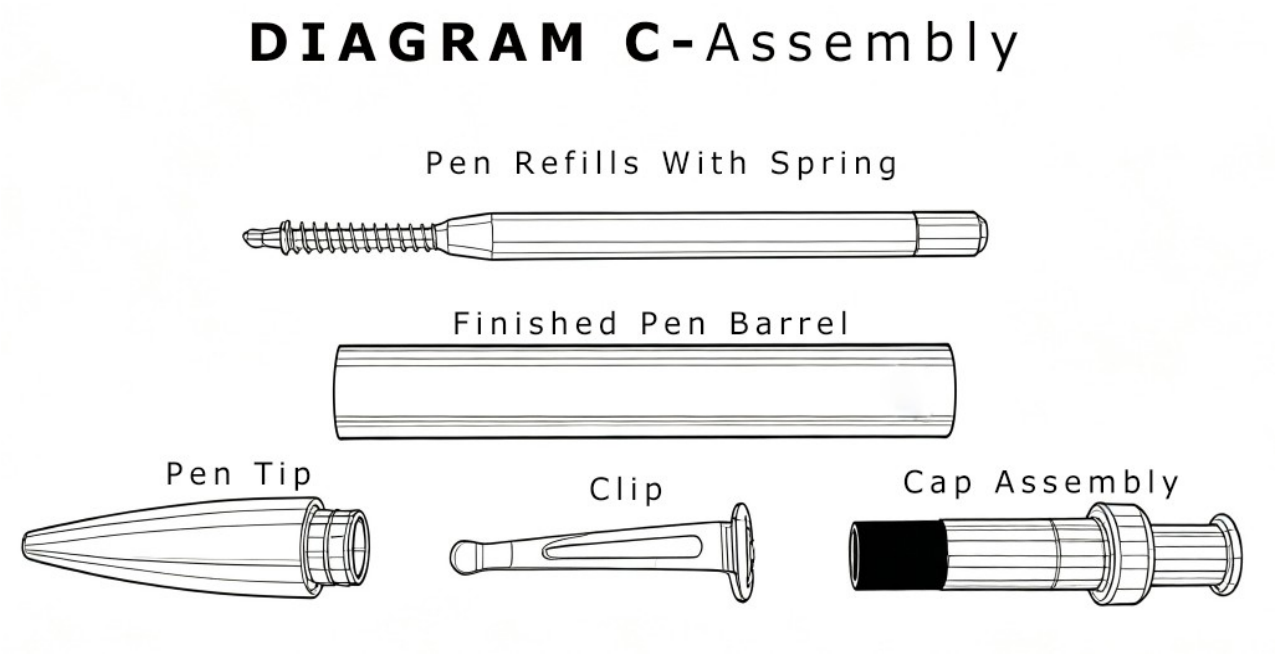
Use a barrel trimmer to turn away the excess wood to finish flush with the ends of the brass tube.

***Please Note*** *: when trimming both ends of the pen blanks, please do not apply too much force, You only need to remove the excess pen blank material and make it flush with the ends of the brass tube, trying not to cut into the brass tube. as this could shorten the barrel and affect the refill's normal extension.*

**TURNING THE BLANK:(Ref to DIAGRAM A& B)**
- 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 withabrasives until the barrel diameters are flush with the bushings.【the two bushings are exactly same】
- Finish with your choice of polish






**ASSEMBLY:**

Line up finished parts according to diagram C.

2. Press in the pen tip into the one end of the pen barrel.
3. Press the clip and cap assembly in the opposite end.
4. Thread off the pen tip and insert the ink refill
5.The pen is now ready to operate. Click to open.