

Native Pens

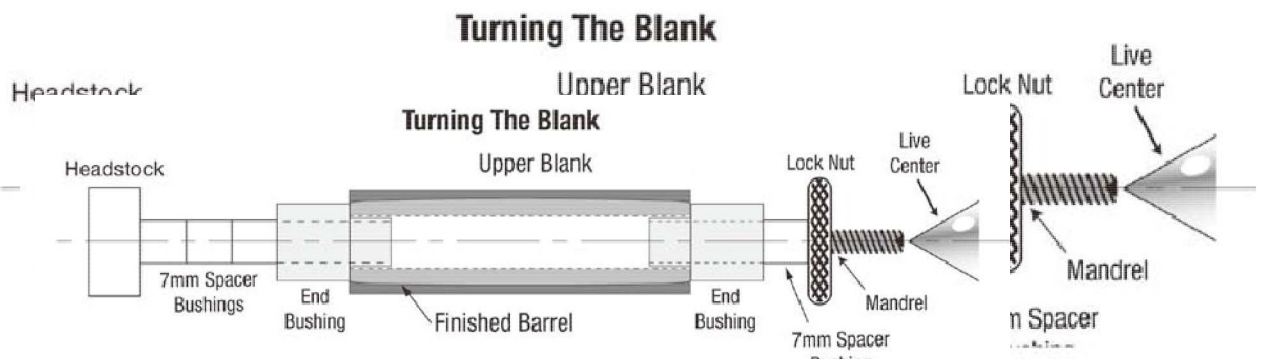
Bullet Click Pen Instructions

Required:

1/4" Mandrel 8.0mm Drill Bit Pen Mill Bullet Click Bushings

Turning the Pen Barrel.

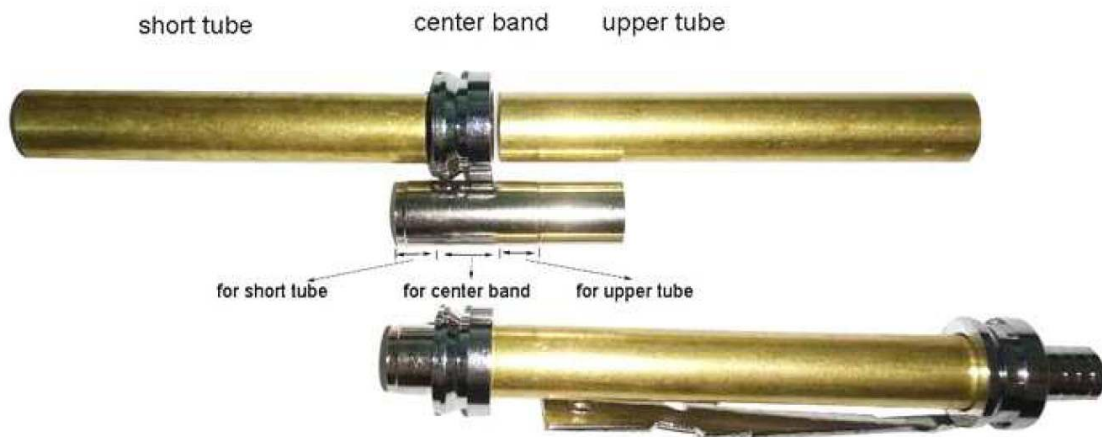
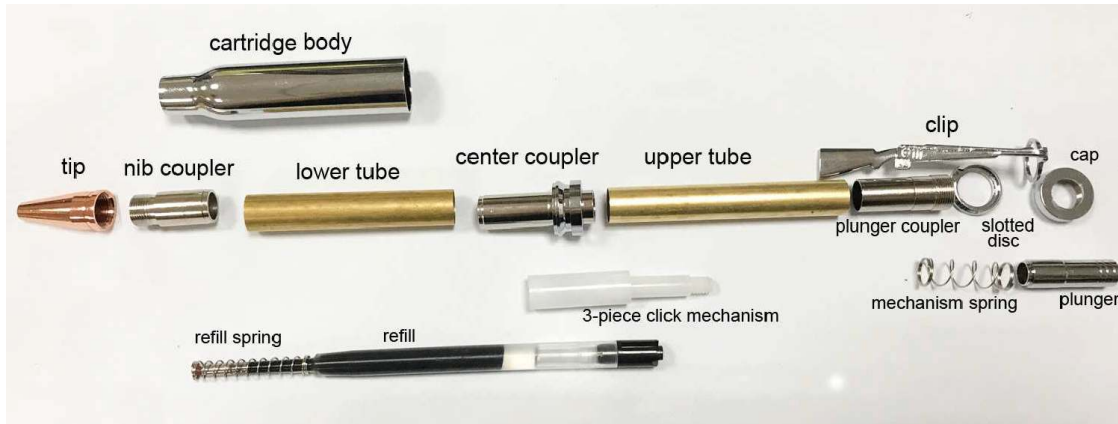
1. Cut a pen blank slightly longer than the brass tube. Recommended blank size is 20mm x 20mm x 55mm.
2. Drill the blank through the centre, lengthwise, with a Ø8.0mm bit.
3. Sand the surface of the brass tube. This can be done by hand or mounted in the bushes on the lathe. This will clean off any oxidation and roughen the surface for a better glue bond.
4. Bond the tube into the timber blank. This can be done with CA or two-part epoxy glue. Insert the tube with a twisting motion then push it in until slightly under flush. About equal distance in from each end of the timber blank.
5. Allow glue to cure as required by glue manufacturer.
6. Clean all the dried glue from inside the brass tube. This can be done with a appropriate size drill bit by hand. Not cleaning out all the glue from the tube is the most common cause of pen failure.
7. Using a pen mill, face off the ends of the blanks until you can just see the bright brass end of the tube. STOP facing at this point. Another method to square the ends is sanding on a disc sander against a square fence or using a jig to hold the tube square to the disc.
8. Another method of squaring the ends of the blank is to turn the blank until it is just round. Then using a mitre gauge to maintain the blank perpendicular to the sanding disc, just touch the ends to the disc. Once the blank is square and you can see the ends of the tube brighten you can return the blank to the mandrel and finish the turning until the desired shape is reached.
- 9.



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Assembly of the pen.



1. Press the Plunger Coupler into the Long (Upper) Tube Barrel. Slip the Clip with Slotted Disc onto the Coupler. Screw the Cap onto the Coupler.
2. Insert the 3 piece Click Mechanism, threaded end first, into the opposite end of the Long (Upper) Barrel.
3. Press the Nib Coupler into the Short (Lower) Barrel.
4. Press the Centre Band onto the Centre Coupler as show above. Please note the correct position of the Centre Band.
5. Press the Centre Couple assembly into the Short (Lower) Barrel.
6. Press the Long (Upper) Barrel on the Centre Coupler assembly.
7. Slide the Cartridge onto the Short (Lower) Barrel.
8. Insert the Refill with Spring into the pen and Screw on the Nib.
9. Place the Plunger Spring into the Clip end of the pen then screw in the Plunger.
10. Your pen is finished.