

PREPARING THE BLANKS

- Use a 16mm square stock. Cut blanks to the length of the tube, adding 3mm for trim.
- Drill a centred hole lengthwise through each blank.

NOTE: Excessive pressure may cause the drill bit to wander and/or split the blank if not held firmly.

• Use epoxy or a gap filling cyano-acrylate (super glue), to glue the tube into the blank. Coat the outside of the tube with epoxy and insert the tube into the blank with a twisting motion to spread the glue until flush. Allow it to dry.

• With a barrel trimmer, square the ends of the blanks to the tubes.

TURNING THE BLANKS

- Slide 7mm spacer bushings onto the mandrel shaft, followed by the tip bushing, wide end in first. Slide on the lower blank. Add additional spacer bushings as necessary to reach the mandrel threads
- Thread on the lock-nut hand tight. Bring the tailstock in snug to the mandrel, lock in place. Tighten the lock nut for turning.

DO NOT over tighten the lock-nut, it could damage the mandrel.

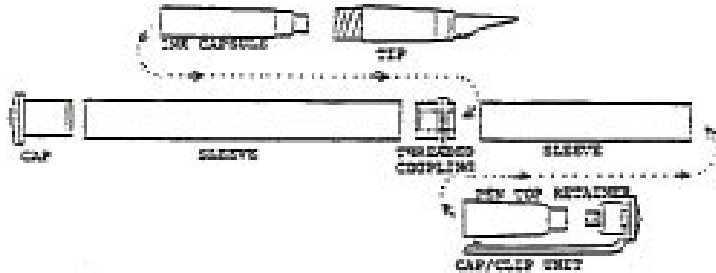
- Turn the barrels close to the bushing diameter with sharp tools; sand the barrels to match the bushing diameter.
- Finish the wood with your choice of polish.

GENERAL ASSEMBLY

• **NOTE:** Line up the components according to the diagram.

To avoid damage to the components when assembling the pen, use covered vise jaws or PENPRESS3.

- Cut out a small notch in the wooden blank to match the notch in the brass sleeve. To remove wood over the notch, cut the blank using a sharp utility knife, or carefully file the wood over the notch.



Line up cap, longer sleeve and threaded coupling. Make sure that the longer shoulder of the coupling is inserted in the sleeve.

Press components (above) together gently with your vice.

Screw tip into coupling.

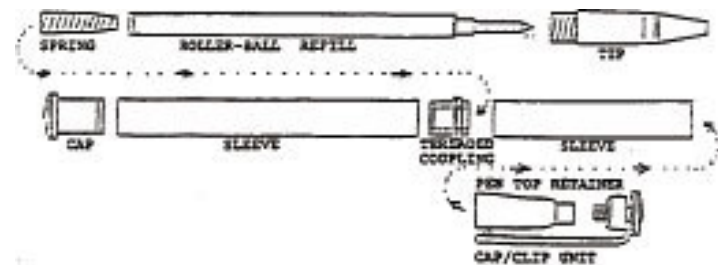
Line up cap/clip unit with shorter sleeve making sure that the clip is aligned with the notch in the wood.

Slide the plastic pen top retainer inside the top sleeve closed end first. Use a 5/16 phillips head screw driver inserted into the top sleeve to screw on the pen top retainer.

Adjust closing mechanism for a tight fit by inserting screw driver and turning clockwise.

Insert ink cartridge. A spare cartridge may be stored in the pen barrel placed back to back with the existing cartridge

PEN2 ROLLERBALL & PEN 3 FOUNTAIN PEN



Line up cap, longer sleeve and threaded coupling. Make sure that the longer shoulder of the coupling is inserted in the sleeve.

Press components (above) together gently with your vice.

Insert spring, flat end first into sleeve. Insert roller ball refill blunt end towards spring. Screw tip into coupling.

Line up cap/clip unit with shorter sleeve making sure that the clip is aligned with the notch in the wood.

Slide the plastic pen top retainer inside the top sleeve closed end first. Use a 5/16 phillips head screw driver inserted into the top sleeve to screw on the pen top retainer.

Adjust closing mechanism for a tight fit by inserting the screw driver and turning clockwise.

CARROLLIS WOODCRAFT SUPPLIES

Your one stop shop for all your woodcraft supplies

66 Murradoc Road, Drysdale 3222

Ph: 03 5251 3874

carrolls@pipeline.com.au

www.cws.au.com