



# Houtdraaiwerken-penkits

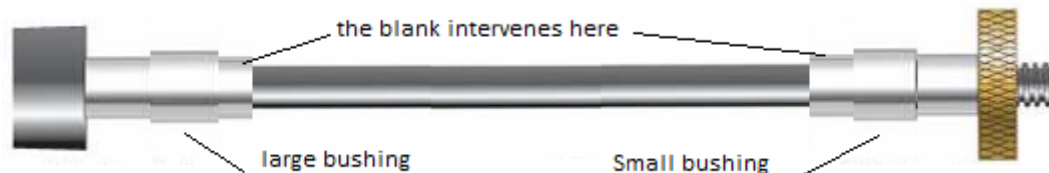
## Daimond Pen Kits Assembly Instructions

### REQUIRED ACCESSORIES

- 7mm Long Mandrel.
- 2 Piece Bushing Set. BU2004
- Drill Bit. 10.5mm
- pen mill PM014

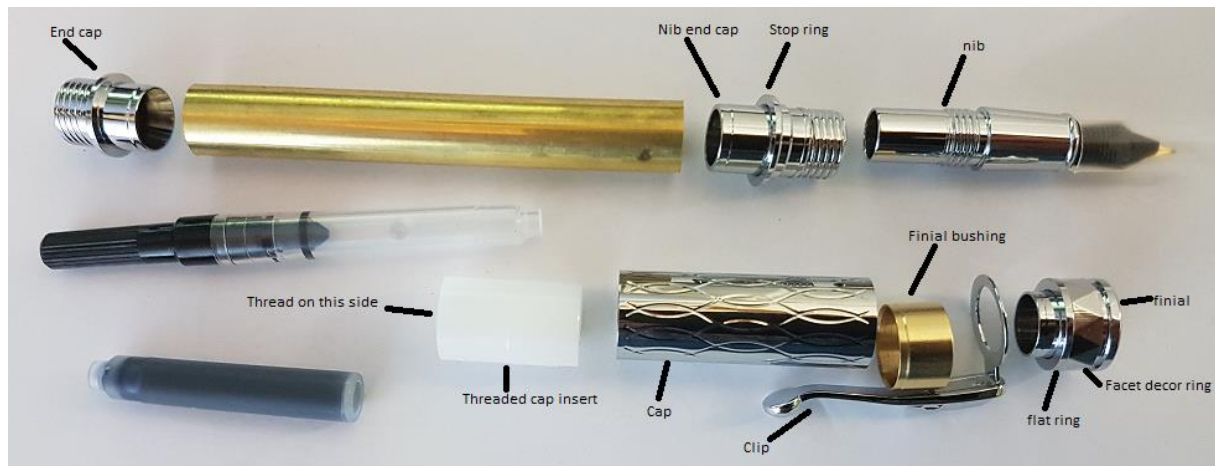
### PREPARING THE BLANKS

1. This pen needs 1 tube and therefore only 1 blank. Cut the blank slightly longer than the tube.
  2. Drill a hole through the center with a 10.5mm drill bit, along the length of the blank
  3. Lightly sand the tube with sandpaper on the outside. It is preferable to do this by hand. The purpose of roughening the tube is so that the adhesive has better adhesion to the surface.
  4. After connecting, clean the tube with acetone or alcohol on a cloth.
  5. Glue the tube into the wood. When the glue is dry, remove all glue residue from the inside of the tube. Failure to remove all glue from the tube is the most common cause of pin failure.
- MAKE SURE all dried glue has been removed from the tubes before!  
continue.
6. Use a properly sized pen mill to trim the ends of the blank down to the tube. STOP at this point. Correct functioning of the pen depends on the correct length of tubes.
  7. Mount the blank to the mandrel using the appropriate bushings.



8. Place the large bushing on the end where you want the tip. Venue the smaller one at the other end.
9. Turn the blank to the desired contour, making sure the area next to the bushing is turned to the size of the adjacent bushing.
6. After you have turned the blank, sand the surface and finish the blank with a finishing product of your choice.

## Assembly



1. Mount the finial/faceted decorative ring/flat ring in a assembly as shown, then insert the clip.
2. Push the assembly from the smallest end into the end socket.
3. Press the completed assembly into one end of the cap.
4. Press the threaded insert into the other end. Make sure the threads are facing the outside of the cap.
5. Set the cap aside.
6. Press the blind end cap, which is rounded at the end, into one end of your blank.
7. Slide the stop ring onto the unthreaded end of the nib cap. the highest part of the ring touches the tube
8. Press the nib cap into the other end of the blank.
9. When you make the fountain pen\*\*
10. Select the pump or cartridge and install it on the pen tip.
11. Screw the tip into the tip cap.
12. When you make the rollerball\*\*
13. Insert the spring into the barrel.
14. Place the filling in the vat.
15. Screw on the tip.
16. Twist the cap on your new pen