



# Houtdraaiwerken-penkits

## PLC251 Tool Box Pencil Kits whit clip Assembly Instructions

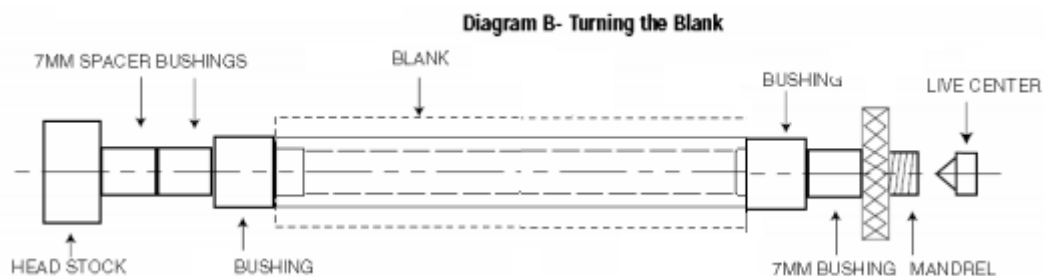
### Required Accessories

- 7mm pen mandrel
- bushing set BU251
- 11.7mm drill bit RSDB117
- Penmill PM107

### Preparing the Blank

- Cut the blanks to the length of the brass tubes
- Drill a 11.7mm center hole lengthwise through the blank.
- Spread glue over the tube and insert tube into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise in the blank.

**Note:** When the glue dries, square the ends of the blank. Use a universal pen blank squaring jig or a belt / disc sander, or wrap masking tape around the shaft of your barrel trimmer to square the ends.



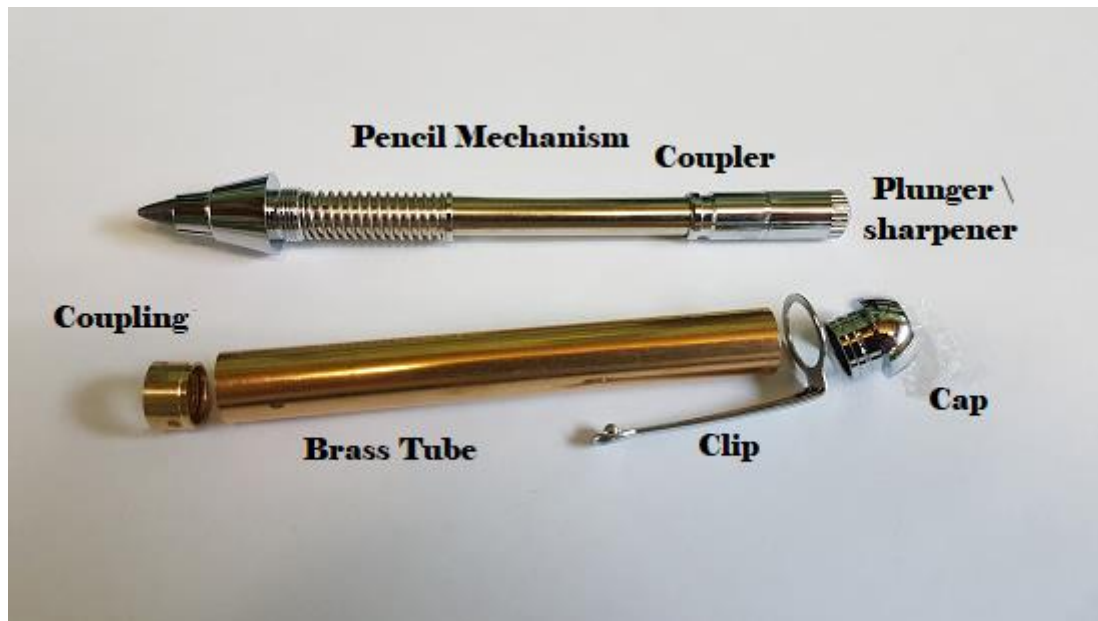
### Turning the Blank

- Place a 7mm spacer bushing onto the mandrel. Follow with an end bushing, follow with the blank, then

the end bushing, narrow end first. Slide the tail stock snug to the mandrel shaft (do not over tighten, it will damage the mandrel), lock in place. Snugly tighten the knurled nut to avoid spinning the blanks.

- Turn the wood down, flush with the bushings, using lathe chisels and gradual higher grits of abrasives. Finish the wood with friction polish for a brilliant finish.

Diagram C



### Assembly Tips

- Line up finished parts according to Diagram C
- To press parts in, use pen press, or a vise with covered jaws. Press parts slowly to avoid scratching and damaging the compone
- When assembling the pencil mechanism, first press the coupler on it and then the gripping jaw. Make sure you put the gripping jaw through the tip first before pressing it into.

### Assembly

#### Note:

- Place the clip over the Cap.
- Press this assembly into one end of the blank.
- Press the coupling into the other end of the blank, small end first, making sure the threaded inner surface faces outward.
- Now, slide the pencil transmission through the coupling, Plunger end first, and screw into place.
- Press the button to allow lead to extend for desired operation.
- To sharpen the lead, unscrew the plunger and insert over the lead and turn lightly.
- To replace the lead with the magic lead, depress the plunger to pull lead out and replace.