

Tool Box Pencil

Drill the blanks with an 11mm bit, glue in the tubes. While the glue is drying assemble the pencil mechanism as follows.

You will see the pencil mechanism (silver tube) has a divot and one end is longer. On the short end slide on the spring spacer, and spring. Slide the collet through the tip and press the collet into place. You are now done with the pencil mechanism.

Turn the blanks to size using the bushings for this kit as you would any other pen/pencil kit. Once you are happy with the result you need to cut a tenon at the top end of the upper blank. Pencil mark 1/8" or less at the upper blank, use a tenon cutting tool to remove the wood down to the brass tube. Make sure to leave a sharp 90° corner.

Join the finished upper and lower blank's with the center coupler, making sure you don't press it into the threaded end of the tube, and that the tenon is at the top of the pencil. Press the coupler into the lower tube first then press the upper tube on to the coupler.

Press the six-sided upper band over the recess/tenon. A drop of CA glue may be needed if too loose.

Insert the pencil mechanism into the opening at the lower barrel. Thread into place.

Screw the plunger into the coupler. Press the assembled coupler / plunger through the top end, over the pencil mechanism inside.

To sharpen the lead, unscrew the plunger and insert over the lead and turn lightly.

To lengthen or replace the lead, depress the plunger to release the collet, and pull the lead out.

