

Designer Twist .7mm Lead Pencil Kit - NT Series

Kit Features:

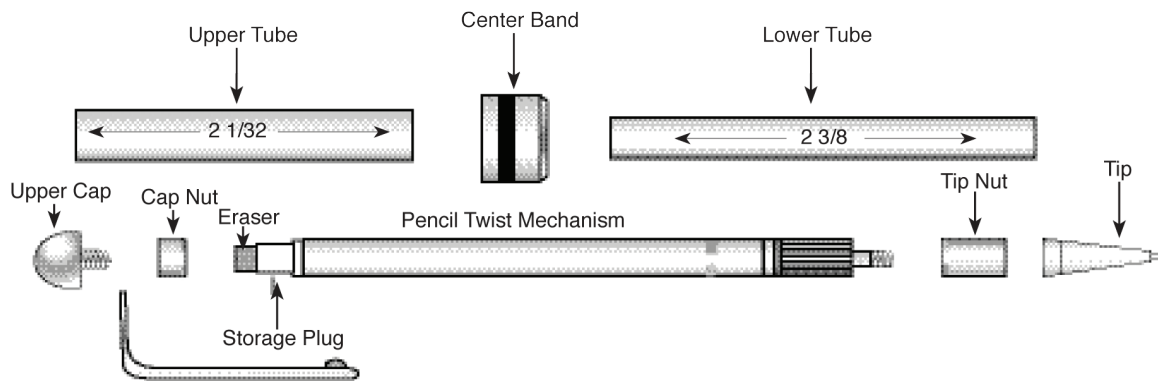
- Heavy 24kt gold plating with epoxy coating
- Designed to match other PSI Designer Style Pens
- Heavy duty .7mm graphite lead
- Overall length: 5 1/2"



Required Accessories:

- 7mm, long mandrel
- Pencil bushings # 7113
- 8mm drill bit
- Universal barrel trimmer system
- 2 part epoxy glue or insta-cure (cyanoacrylate)

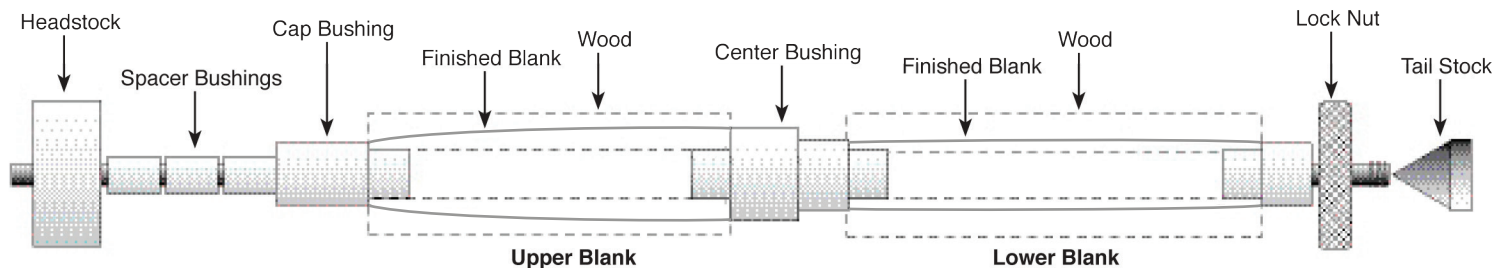
DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

- Cut 5/8" square blanks, to the length of the brass tubes (add 1/16" for squaring off).
- Drill 8mm centered hole lengthwise through each blank.
- Spread glue over tubes. Insert into blanks with a twisting motion to spread the glue evenly inside. Center tubes lengthwise inside the blanks.
- When glue dries, square the ends of the blanks. Use the trimmer with a 7mm shaft and chrome sleeve adapter, or belt/disc sander.
- Take wood down flush to the brass tube.

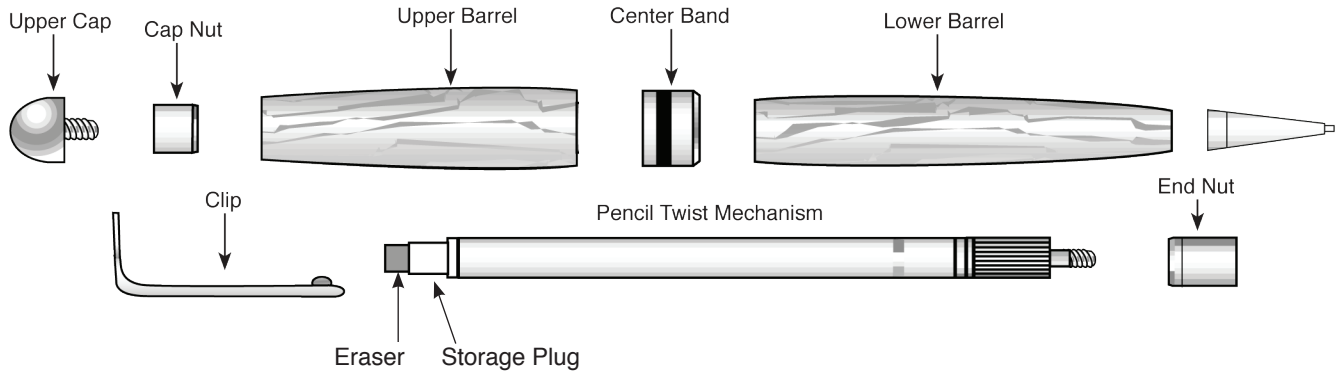
DIAGRAM B / TURNING THE BLANKS



Turning the Blank

- Mount the bushings and blanks on the mandrel according to diagram B
- Turn the wood down, close to the size of the bushings. Sand the wood down to match the bushings diameter.
- Finish the wood with your choice of polish.

DIAGRAM C / ASSEMBLY



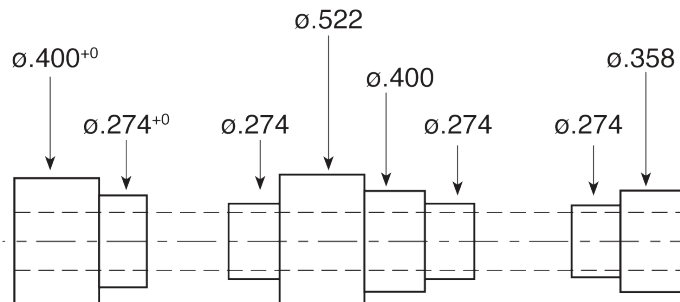
Assembly

- Line up finished parts according to diagram C.
- For best results use PSI Pen Press (#PENPRESS4)
- Press cap nut (recessed end first) into the tapered end of upper barrel.
- Insert cap thread into clip. Screw together into cap nut.
- Press end nut (recessed in first) flush with the tapered end of lower blank.
- Insert the pencil mechanism into the blank, thread extending through end nut hole. Screw tip snug over thread.
- Engage both ends together. The pencil is now ready to operate. Twist the ends to extend or retract the lead.

To Replace the Lead

- Pull the upper barrel apart, remove the storage plug.
- Slide out a fresh lead. Replace the storage plug, push upper blank back on.
- Unscrew the tip, slide off lower barrel.
- Twist mechanism forward until gripper and pilot extend out. Retract until gripper is flush with the thread.
- Gently push lead slightly into gripper. Twist mechanism back until the lead is completely inside. Slide the lower barrel back over the mechanism. Screw tip on snug. Extend lead. Pencil is ready to operate.

Diagram D / Bushings ## 7113



$\phi.248$ " holes through

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