

MYSTIC DRAGON PEN

Instructions

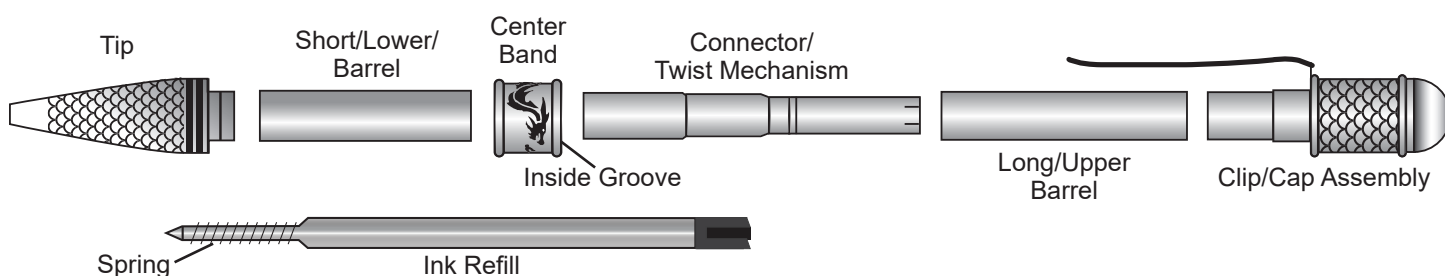
Kit Features

- Larger and more substantial than the Slimline pen
- Shows off the wood in a way a smaller pen cannot
- Uses smooth-writing Parker™ style refill (RE-PARK)

Required Accessories & Materials

- 7mm mandrel
- 4pc. Mystic Dragon bushing set (PKDRAKE-BU)
- 3/8" drill bit (DB3/8 or DB3/8CT)
- 3/8" barrel trimmer or belt sander to square the ends of the blanks to the tubes
- Glue (We recommend the thick "gel" CA glue—GTHICK2)
- Sanding and finishing supplies

Diagram A - Pen Parts and Assembly



BLANK PREPARATION

The tubes in a Mystic Dragon pen kit are of different lengths. Make sure that as you cut the blanks for the tubes you orient them so that the shorter 1.41" tube will be used as the lower pen barrel. The upper tube is a little longer at 1.65" long. **Cut** your blanks approximately 1/16" longer than the tube to allow for squaring with the barrel trimmer. If using wood blanks, mark the blanks so it is easier to keep the grain running in the same direction when you place them on the mandrel for turning. Use a medium drill speed to **drill** the blanks. Raise the bit from the blank every 1/4" to 1/2" to allow the chips to clear from the flutes of the drill bit. Don't force the drill bit; use an even pressure and let the bit do the work. After drilling the blanks, **sand** the exterior of the brass tubes to roughen their surface and use CA **glue** to glue the tubes inside the blanks. Sand or barrel trim to **square** the ends of the blanks.

TURNING THE PEN

Set up the mandrel as shown in Diagram C. Three of the bushings (bushing 1, 2, 3) are of the same size. The larger of the bushings (bushing 4) will go at the cap. Be sure to orient the tubes properly. Remember, the upper tube is longer than the lower tube. If you mistakenly get the tubes backwards, the pen will not fit or function properly. **Turn** the pen blank to the bushing diameter at the ends. **Sand** with abrasives and finish with your choice of polish.

ASSEMBLY

(Line up finished parts according to Diagram A)

To avoid damage to components when assembling, use a pen press or a vise with covered jaws.

1. Press the Tip into the Shorter/Lower Barrel.
2. Slide the Center Band onto the Connector/Twist Mechanism. Make sure to follow orientation as specified in the instructions illustration. Dragon motif should be facing up when pen is vertical. (Additionally, there is a Groove inside the upper part of the center band.)
3. Press the Connector/Twist Mechanism into the other end of the Lower Barrel.
4. Press the Clip/Cap Assembly into the larger diameter of the upper barrel.
5. Unscrew the Twist Mechanism and insert the Ink Refill/Spring into the lower section of the pen.
6. Screw the Twist Mechanism back onto the Connector.
7. Place the upper section over the Twist Mechanism and press the upper and lower sections of the pen together by hand.

Diagram B - Pen Bushings

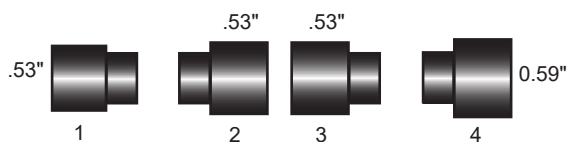


Diagram C - Turning the Pen

