

Aromatherapy Twist Pen Kit

Kit Features:

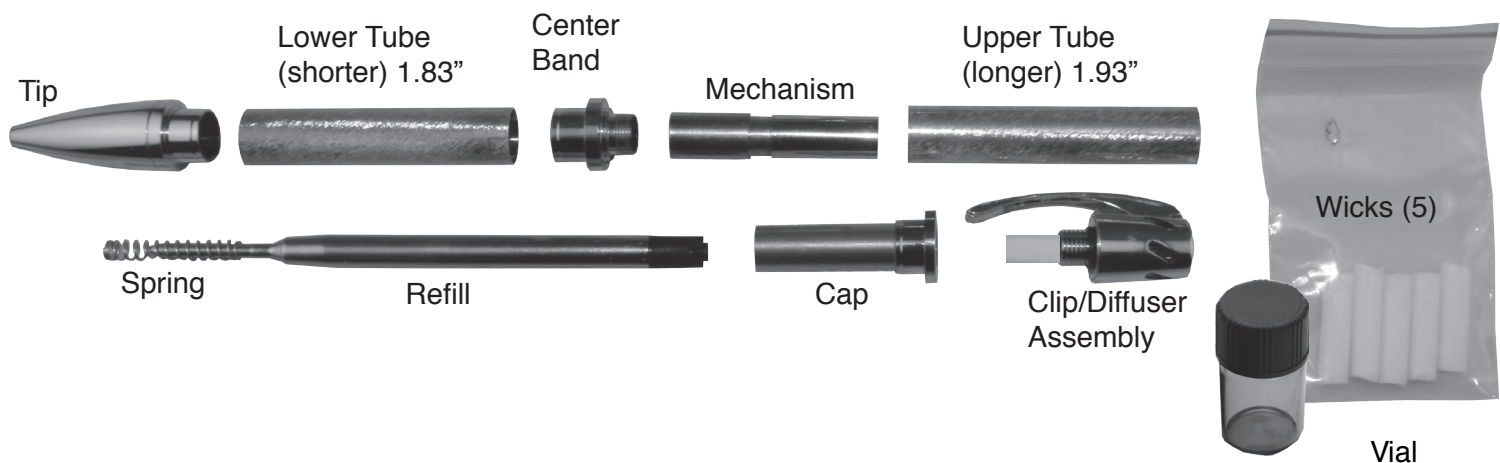
- Easily change your favorite aromas.
- Clean and attractive design
- Easy to Turn with Straight Tubes
- Minimal Parts--easy to assemble
- Available in multiple finishes
- Overall Length: 5-13/16"
- Uses Parker® style refill: PKPARK-R5

Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 10mm #PK10-10 for wood or #PK-10MMSG for plastic
- Bushing Set(3pc): #PKPUTBU
- Barrel Trimming set PKTRIM10 or 10mm sleeve from PKTRIMSET.
- Live Tailstock or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 5/8" x 5/8" x 4" (allows for single 1/8" wide cut)



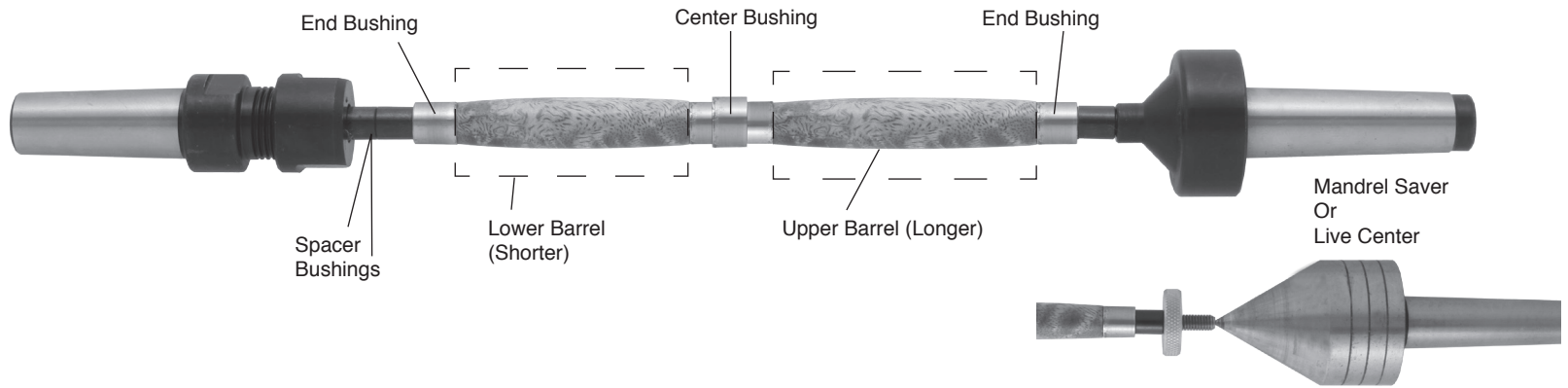
DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

- Cut blanks to the length of the tubes, adding 1/16" for squaring off.
- Drill 10mm hole lengthwise through the blanks.
- Spread glue over tube, insert the tube into the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blanks, making sure the trimmed ends are 90° to the tube. Use a 10mm barrel trimmer, or a pen blank squaring jig with a 10mm sleeve on a disc sander. Take the excess material down flush to the ends of the tubes. Do not trim past the end of the tube since this may interfere with the operation of the mechanism and assembly. Use a barrel trimmer to clean the inside of the tube.

DIAGRAM B / TURNING THE BLANKS



Turning the Blank

- Mount the bushings and blanks according to diagram B. Note that the Upper Barrel is longer than the Lower Barrel.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the Tailstock up snugly against the Mandrel shaft, inserting the live center point into the Mandrel dimple. Lock Tailstock.
- Hand tighten the quill adjustment on the tailstock to steady the mandrel. Do not over tighten, it could damage the mandrel shaft.
- When using Mandrel Saver, there is no need for extra spacer bushings or the knurled nut. Slide tailstock directly against bushings and tighten until blank and bushings are secure.
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel straight or to a profile of your choice.
- Sand the blank down to be flush with the bushings, gradually increasing sandpaper grits.
- Finish the barrel using your choice of polish. Allow Sufficient time for the polish to cure—refer to polish instructions.

Assembly

- Line up parts according to Diagram A
- Press the Tip into the one end of the Lower Barrel (shorter). Remember that Lower Barrel is the shorter one.
- Press Centerband into open end of Lower Barrel.
- Push Spring - narrow side first onto Refill shaft and slide Refill through Centerband.
- Thread Mechanism over Refill and onto Centerband.
- Press Cap into one end of Upper barrel.
- Push a Wick into the hole in the bottom of Diffuser assembly.
- Thread Diffuser Assembly into Cap.
- Push Lower Barrel into the opening of Upper Barrel until gap is closed.
- To extend and retract refill, twist Upper and Lower Barrels. Mechanism is a double twist, pen will extend twice per twist.
- To change Refill, unscrew mechanism from Centerband and replace refill. Remember to switch spring to new Refill.
- To use Wick, unscrew Diffuser assembly place end of Wick against aroma bottle’s applicator nozzle and tip bottle to allow a small amount to absorb into Wick .
- Wick can be easily removed from Diffuser Cap and replaced to change aromas as needed.

Diagram C / Bushings #PKPUTBU

