The 2-in-1 Bottle Opener & Corkscrew Kit

Kit Features:
- Minimum parts - easy to assemble
- Multi - Function
- Practical tool
- Unique design

Required Accessories:
- 7mm Pen Mandrel
- Drill Bit(s) #PK-7MM & #PK-1532
- #BS25XBU Bushing set (3 pc)
- #PKTRIMKIT Barrel Trimmer. #PKMAJBTS Sleeve
- Live Tailstock Center
- 2 Parts Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank Minimum Sizes:
  Handle: 2 ea. 3/4" to 1" x 1-3/4" L  Opener: 3/4" to 1" x 3" L

Preparing the Blanks for the Handles:
- Cut 2 blanks to the length of the tube(s) and add 1/16" for squaring off.
- Drill 7mm holes lengthwise through the blanks.
- Spread glue over the tube(s), insert in the blank with a twisting motion to spread the glue evenly inside. Center the tubes lengthwise inside the blanks.
- When the glue is dry, square the ends of the blanks. Use a 7mm barrel trimmer to take the excess material down flush with the ends of the brass tube(s/key).

Preparing the Blank for the Opener:
- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill 15/32” holes lengthwise through the blank.
- Spread glue over the tube, insert in 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 blank. Use a 7mm barrel trimmer with a sleeve (#PKMAJBTS). Take the excess material down flush with the ends of the brass tube.

Turning the Blanks for the Handles:
- Mount the bushings and blanks according to diagram B. Use smaller bushing diameter.
- 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 in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel.
- Using sharp tools, turn the blanks down close to the bushing diameter. Turn the barrel to a profile of your choice.
- Sand the blank down to be flush with the bushings gradually increasing the sandpaper grits.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure. Refer to polish instructions.

Turning the Blank for the Opener:
- Mount the bushings and blank according to diagram C. Use larger bushing diameter.
- 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 in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel.
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel to a profile of your choice.
- Sand the blank down to be flush with the bushings gradually increasing the sandpaper grits.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure. Refer to polish instructions.
Corkscrew Assembly
• Press the handle caps into handle tubes (shorter tubes). Then press the tubes on to the extension.

Opener Assembly
• Press opener connector into one end of opener tube (long tube). Press the threaded coupler into the other end of the opener tube (recess end first).
• Screw the opener into the opener connector.
• For final assembly - screw the corkscrew assembly into the opener assembly.

Diagram D / Bushings #BS25XBU

- Ø0.248" Holes through
- Same as opposite