

# The 2-in-1 Bottle Opener & Corkscrew Kit

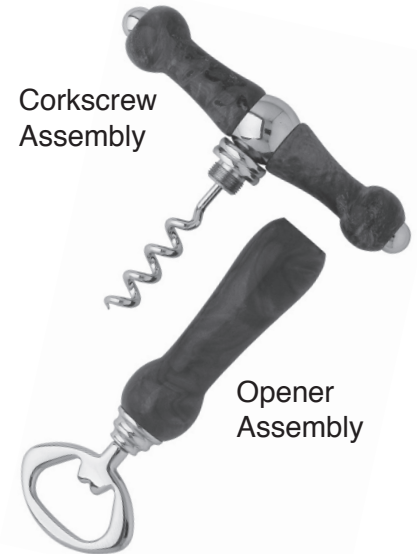
## Kit Features:

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

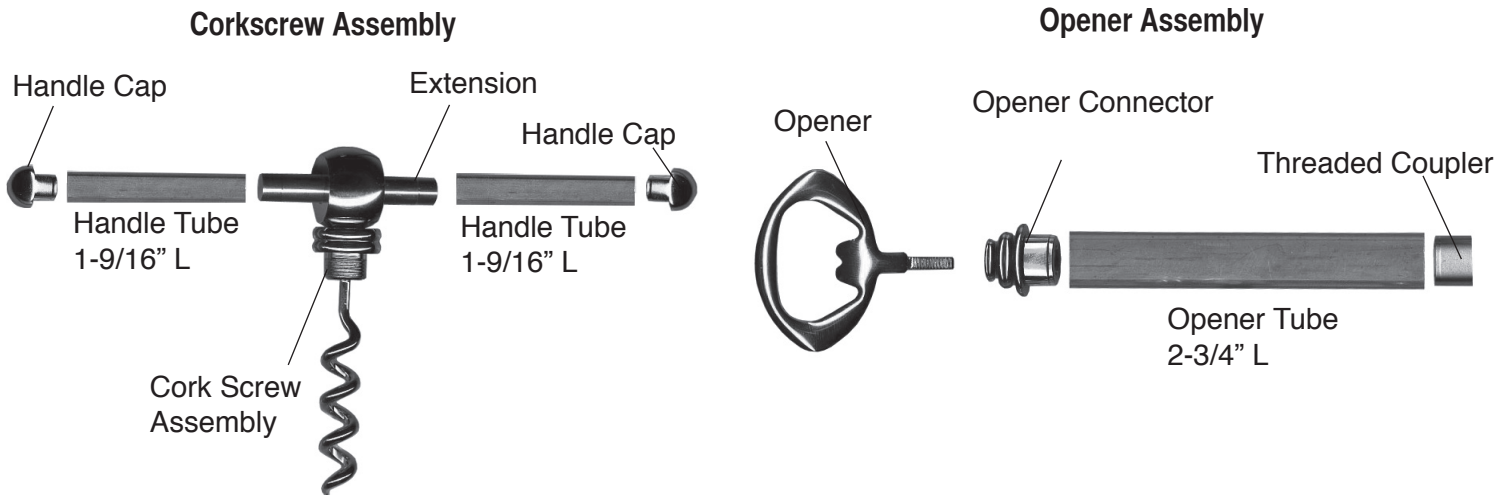
## Required Accessories:

- 7mm Pen Mandrel
- Drill Bit(s) #PK-7MM & #PK-1532
- #BS25XBU Bushing set (3 pc)
- #PKTRIM7 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



## DIAGRAM A / PARTS LAYOUT



## 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.

## 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 over-tighten, 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.

## 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 (#PKMAJJRBTS). Take the excess material down flush with the ends of the brass tube.

## 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 over-tighten, 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.

DIAGRAM B / TURNING THE HANDLE BLANKS

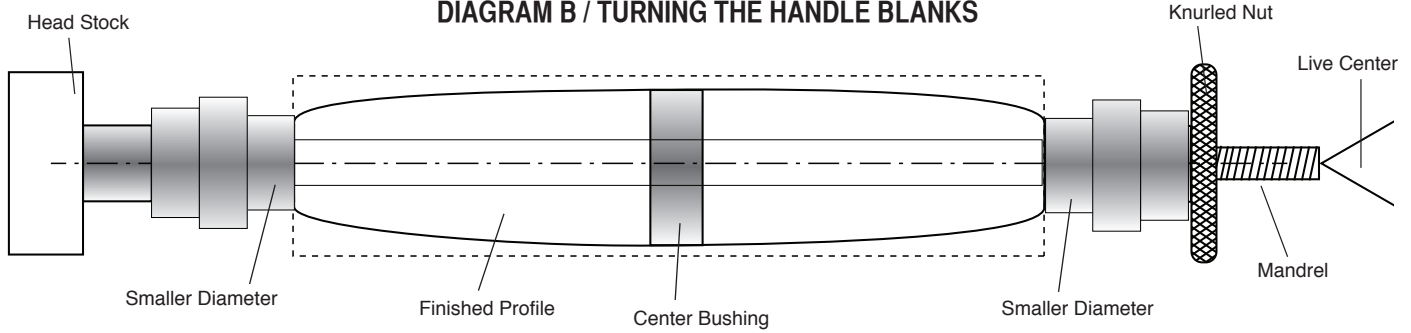
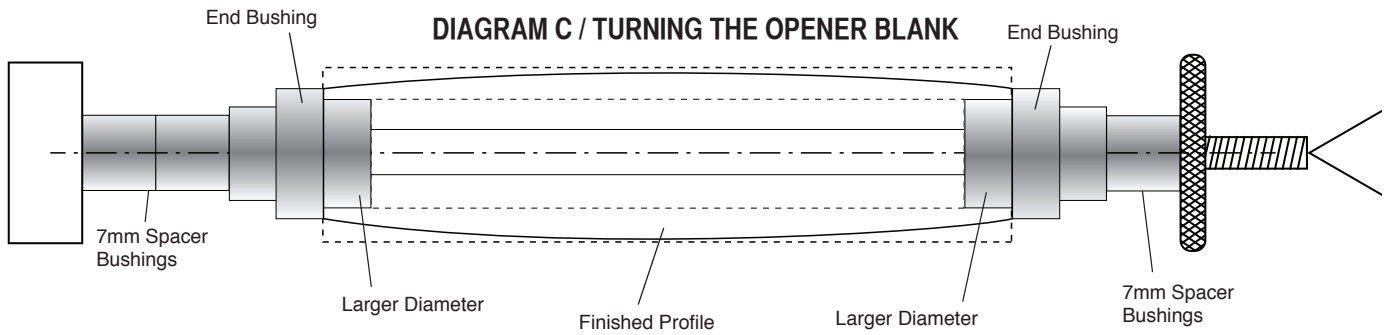


DIAGRAM C / TURNING THE OPENER BLANK



### 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

