

# Cork Extractor Kit

## Kit Features:

- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in Chrome finish

## Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 7mm #PK-7MM
- Bushing set(3 pc): #BS28BU
- Barrel Trimming set: #PKTRIM734
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size - 3/4" x 4" L



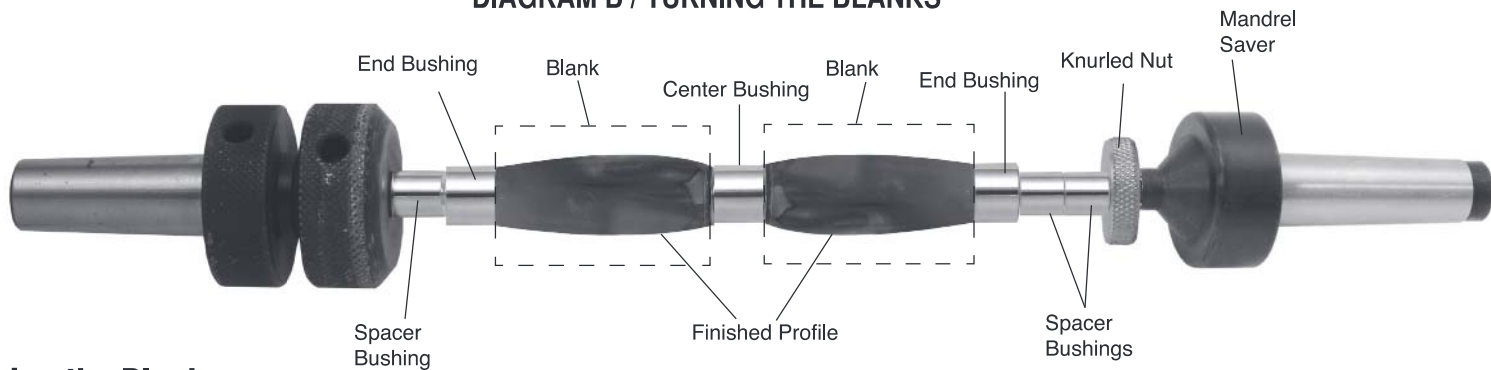
## DIAGRAM A / PARTS LAYOUT



## Preparing the Blank:

- 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 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, or a universal pen blank squaring jig with a power disc sander. Take the excess material down flush with the ends of the brass tube. (do not trim beyond the length of the tube since this may interfere with 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.
- 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 (straight or 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.

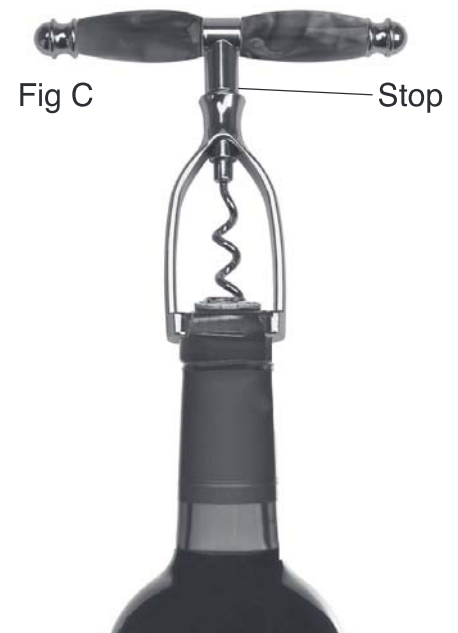
**Assembly**

- Layout parts according to diagram A
- Slide the support rod through the sleeve in the center shaft.
- Insert either barrel over the handle rod.
- Screw the end cap to bottom on the end of rod.
- Slide the other barrel over the opposite end and screw the end cap over the thread.
- Slide the corkscrew into the extraction chamber.

**To use:** (Fig C) Seat the extraction chamber on the top of the wine bottle. Slide the corkscrew through the top until it hits the cork. Twist the corkscrew into the cork until the stop hits the top of the chamber. Continue to twist - the cork will be extracted into the chamber.

**To remove the cork:**

Hold the cork and unscrew the corkscrew until the cork is released.

**Diagram C / Bushings #BS28BU**