

Deluxe Cheese Knife & Fork Kit

Kit Features:

- Easy to make with matching handles
- Easy to Turn With Straight Tubes
- Can be turned with a Big Grabber Mandrel System
- Minimal Parts - easy to assemble
- Available in multiple finishes
- Overall Length: 7-3/8" (FORK) to 7-7/8" (KNIFE)

Required Accessories:

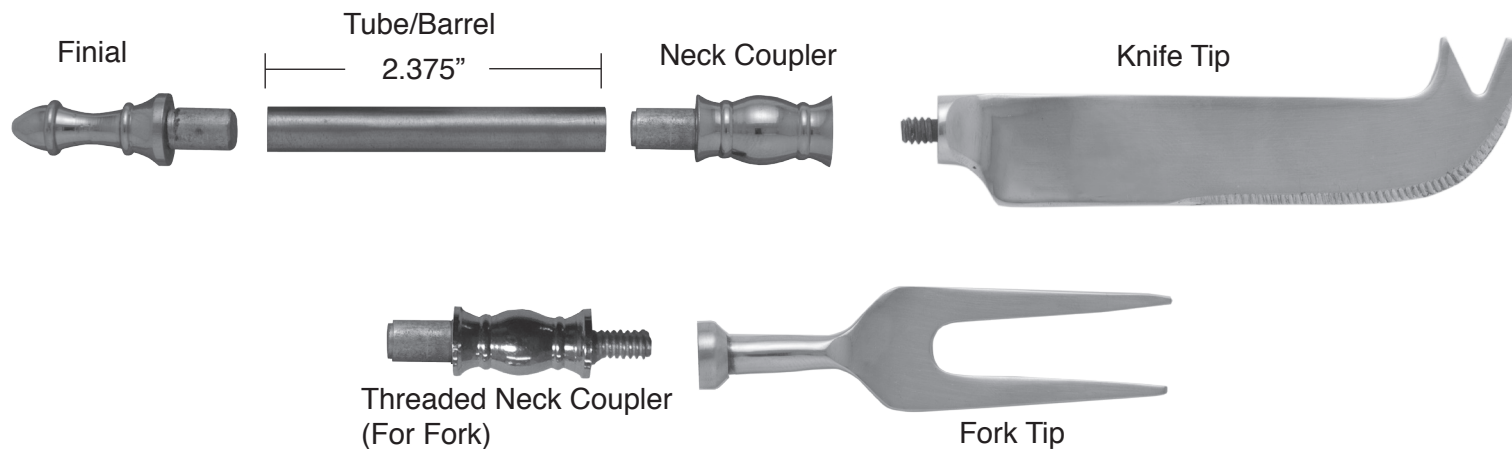
- 7mm Pen Mandrel
- Drill Bit: PK-7MM
- Bushing Set(3pc): PKDWBU (Use 2 of 3 in the set)
- Barrel Trimming set: PKTRIM734 or a Lathe Mounted Disc Sander Squaring Jig
- Live Tailstock Center or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 2-1/2" x 3/4"

Optional Accessories:

For closed end, PKMBL7(XX) Grabber Mandrel- follow directions included with Grabber.

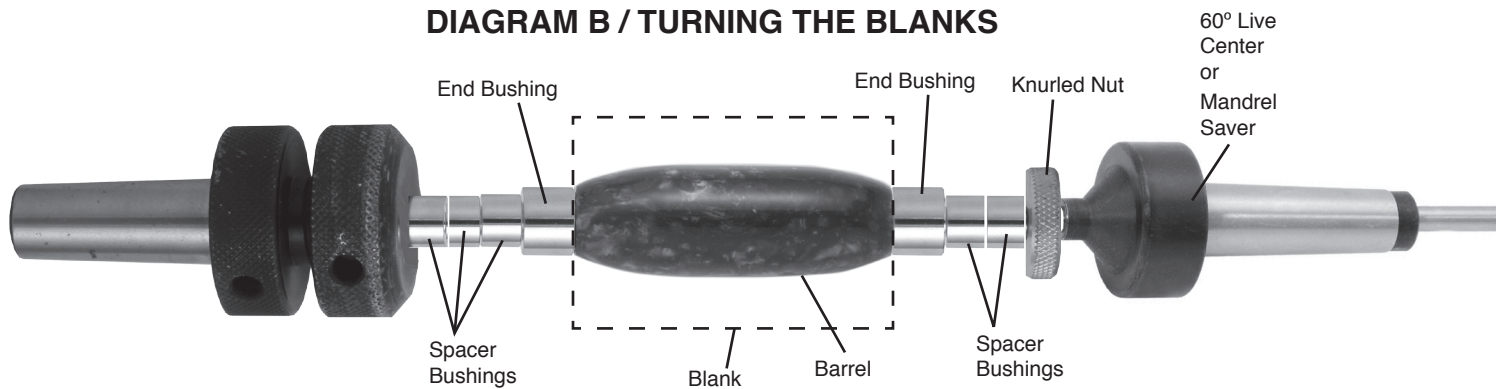


DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

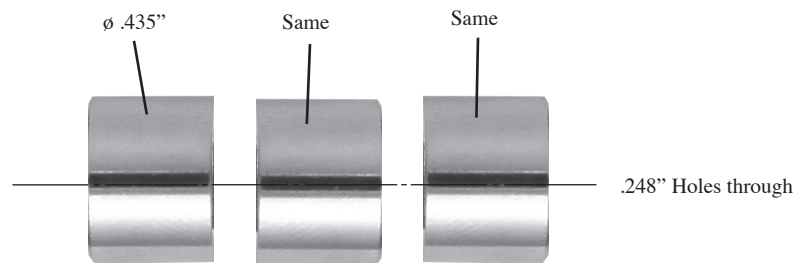
- Cut blank to the length of the tube, adding 1/16" for squaring off.
- Drill a 7mm hole lengthwise through the blank.
- Spread glue over the tube, insert the tube into the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blanks, making sure the trimmed ends are 90° to the tube. Use a 7mm barrel trimmer, or a pen blank squaring jig with a 7mm 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 blank 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 Tailstock.
- Hand tighten the quill adjustment on the tailstock to steady the mandrel. Do not overtighten, 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.
- If using Grabber Mandrel system, follow instructions included with 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 sandpaper grits.
- Finish the barrel using your choice of polish. Allow Sufficient time for the polish to cure—refer to polish instructions.

Assembly

- Press neck coupler into either end of barrel.
- Press finial into other end of barrel. Skip this step if a closed end blank was made.
- Thread handle and head together.
- We recommend you glue threaded components together so they don't unscrew in use.

Diagram C / Bushings #PKDWBU

Use 2 of the 3 bushings in the set

