

Deluxe Serving 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
- Can be assembled in a variety of configurations
- Overall Length (As Shown): 11-3/4" to 15-1/2"

Required Accessories:

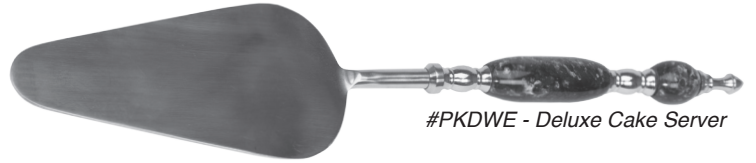
- 7mm Pen Mandrel
- Drill Bit: 7mm, PK-7MM
- Bushing Set(3pc): PKDWBU
- Barrel Trimming set: PKTRIM734 or a lathe mounted squaring jig
- Live Tailstock Center or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 3/4" x 2-1/4" and 3/4" x 1"

Optional Accessories:

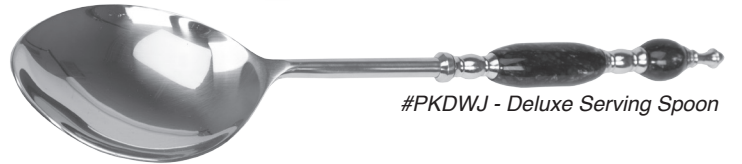
For closed end, PKMBL7(XX) Grabber Mandrel-follow directions included with Grabber.



#PKDWF - Deluxe Cake Knife



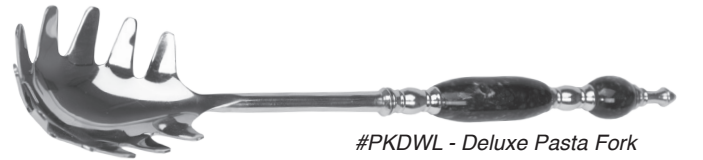
#PKDWE - Deluxe Cake Server



#PKDWJ - Deluxe Serving Spoon

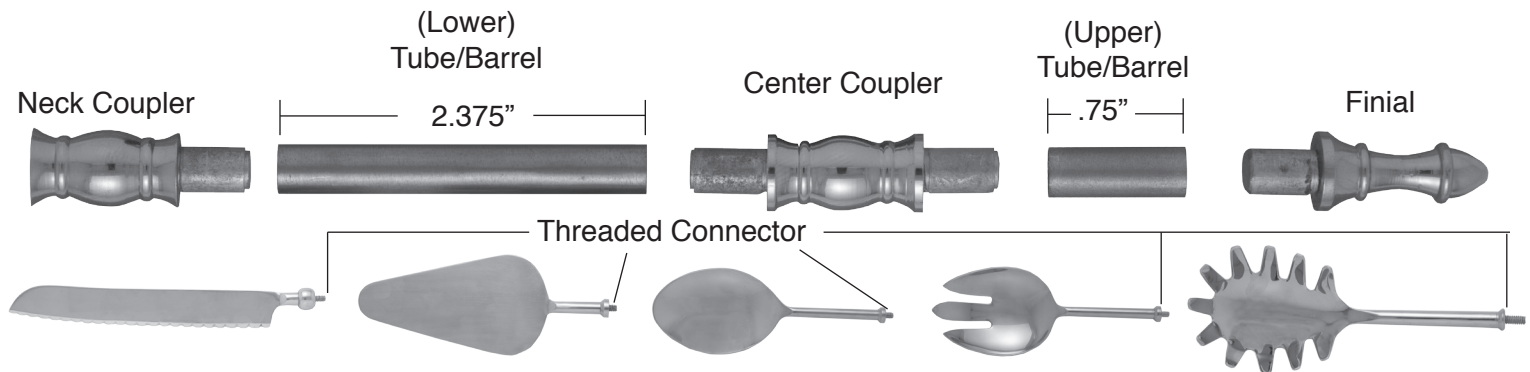


#PKDWK - Deluxe Serving Fork



#PKDWL - Deluxe Pasta Fork

DIAGRAM A / PARTS LAYOUT



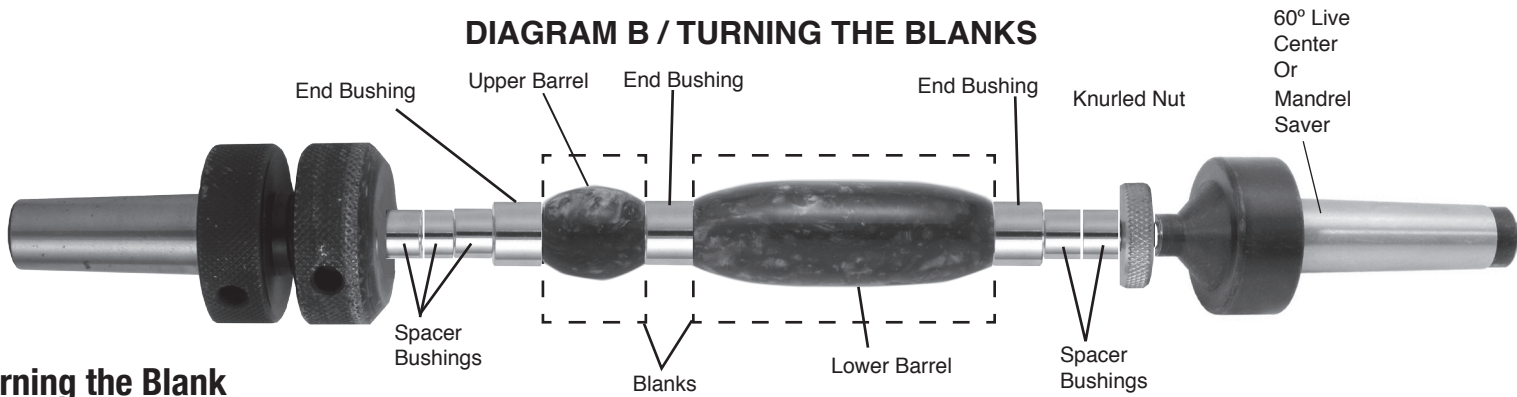
Preparing the Blank:

- Cut Blanks to the length of the tubes, adding 1/16" for squaring off.
- Drill 7mm hole lengthwise through the blanks.
- Spread glue over the tubes, insert the tube into the blanks 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, 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 assembly. Use a barrel trimmer to clean inside of the tube.

Plan your profile:

The PSI Utensil Set can be made with the included barrels at either end of the handle, with or without the finial. See below for possible configurations. You can even cut your own 7mm tubes for your own custom look!

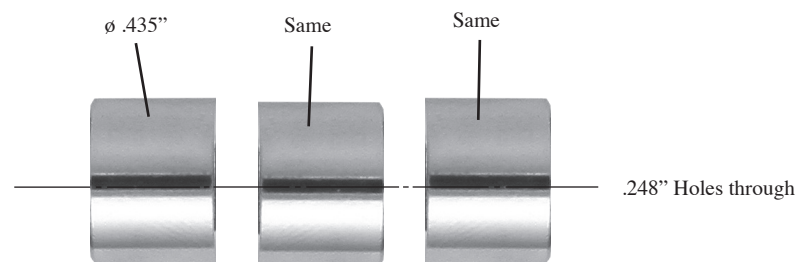


DIAGRAM B / TURNING THE BLANKS**Turning the Blank**

- 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 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 for the bottom blank and use one bushing from PKDWBU.
- 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

- Handles can be assembled in various configurations. Adapt the following steps to your planned configuration.
- Select which barrel you want for the utensil end and press the neck coupler into either end.
- Press the center coupler into the opposite end of the above referenced blank.
- Press second barrel onto the center coupler.
- Press finial into the remaining opening. Skip this step if turning a closed end barrel.
- Thread neck coupler and utensil head together.
- The couplers and finial can all be unscrewed after pressing in order to mix an match until you are satisfied.
- After final configuration is determined we suggest you glue threaded components together so they do not unscrew in use.

Diagram C / Bushings #PKDWBU

PSI Woodworking
PRODUCTS