

# SCISSOR NECKLACE KIT

## Kit Features

- Easy to Turn with Straight Tubes
- Minimal Parts--easy to assemble
- Available in multiple finishes
- Necklace Length: 25-1/2"
- Kit Length (closed): 4-7/16"

## Required Accessories

- 7mm Pen Mandrel
- Drill Bit: #PK10-10 for Wood, #PK-10MMSG for Plastic
- Bushing Set(2pc): #PKTWEEZBU
- Barrel Trimming: #PKTRIM10 or 10mm sleeve from #PKTRIMSET with squaring jig on disc sander
- Live Tailstock or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 3/4" x 3/4" x 3-1/8"L



Kit shown in both open and closed positions

## Preparing the Blank:

- Prior to cutting and gluing, always verify tube length is correct (see parts diagram on back page)
- Cut blank to the length of the tube, adding 1/16" for squaring off.
- Drill 10mm hole lengthwise through the blank.
- Spread glue over tube, insert the tube into the blank while twisting 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 10mm Barrel Trimmer or 10mm barrel trimming sleeve with a pen blank squaring jig 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 assembly and the operation of the mechanism. Use a barrel trimmer to clean the inside of the tube.

## DIAGRAM B / TURNING THE BLANK

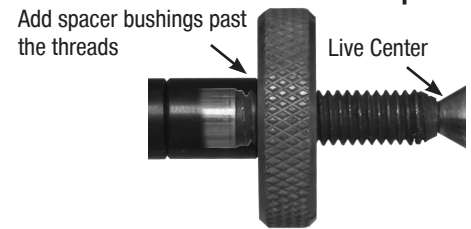


Turn Blank to a profile of your choice

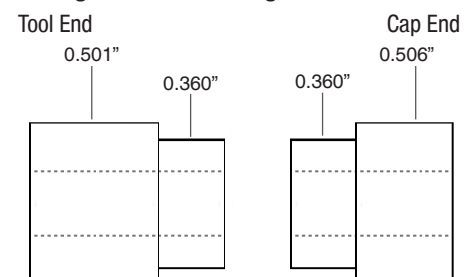
## Turning the Blank:

- Mount the bushings and blanks according to diagram B. Note that Cap End Bushing is shorter and slightly thicker.
- When using Mandrel Saver, there is no need for extra spacer bushings or the knurled nut. Slide and lock tailstock directly against bushings and tighten quill until blank and bushings are secure.
- To use Knurled Nut Setup (right), add spacer bushings until past the threads on the end of the Mandrel Shaft.
- 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 and hand tighten the quill adjustment with wheel to steady the mandrel. Do not over-tighten, it could damage mandrel shaft.
- 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 manufacturer's instructions.

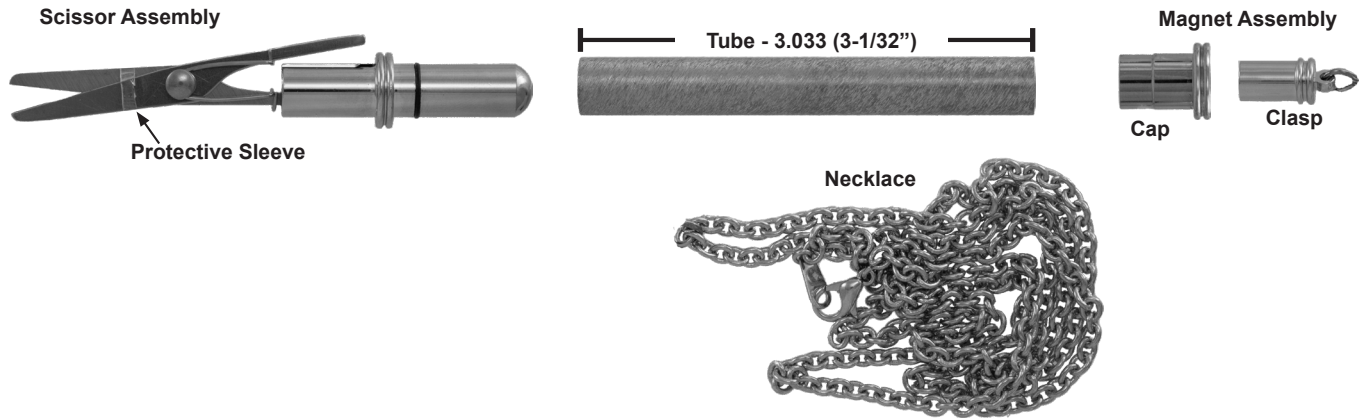
## Knurled Nut Setup



## Diagram C / Bushing #PKTWEEZBU



## Diagram D / Parts Layout

**Assembly:**

- Note that Magnetic Assembly and Necklace will come assembled.
- Separate the Clasp from the Cap.
- Press Cap into upper, smaller diameter end of Barrel.
- Insert Clasp into the Cap and magnet will lock it in place.
- Slide the protective sleeve off of the Scissor.
- Close Scissors to insert blades into open end of Barrel for storage. It is recommended to keep Scissors in storage position when wearing the Necklace to avoid injury.
- To use Scissors, pull entire assembly off of the Necklace and pull Scissor assembly from the barrel. Insert back end of Scissor into Barrel to hold during use.
- When Finished with Scissor, put into storage position and insert Clasp into Cap to attach back onto Necklace.

