

Begleri Skill Toy Kit

Kit Features:

- Popular & fun skill toy
- Easy to Turn with Straight Tubes
- Minimal Parts--easy to assemble
- Customizeable Sizes

Required Accessories:

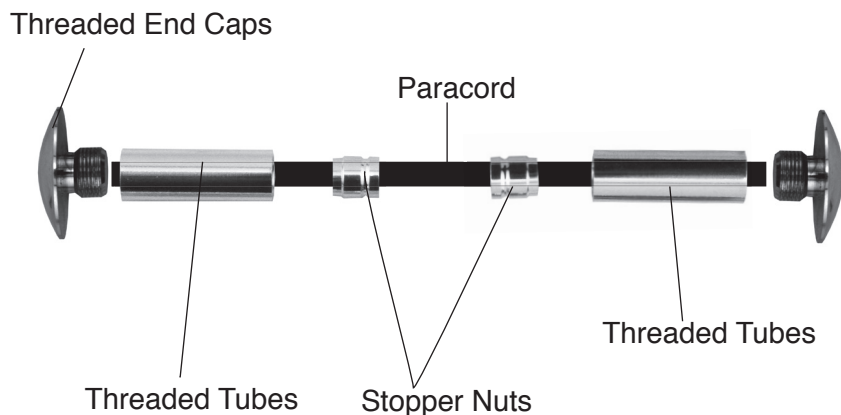
- 7mm Pen Mandrel
- Drill Bit: #PK PK-8MMSG OR #PKPARK-8MM (Brad PT)
- Bushing Set (3 pc): #PKBEGBU
- Barrel Trimming set: #PKTRIM734
- Live Tailstock or Mandrel Saver
- 2-part Epoxy or Thick CA (Cyanoacrylate) Glue
- Blank Minimum Size: 7/8" x 7/8" x 2"

Recommended accessories:

- Digital Caliper
- 1/16" tenon tool #LCTEN for "O" ring grooves (optional)
- Small lighter
(to seal ends of cord after cutting)
- 3/32" punch rod or Paper Clip to thread cord
- Small Digital Scale (Optional)



DIAGRAM A / PARTS LAYOUT



O-Rings for
optional style

10" 330 DE-CORED
PARACORD

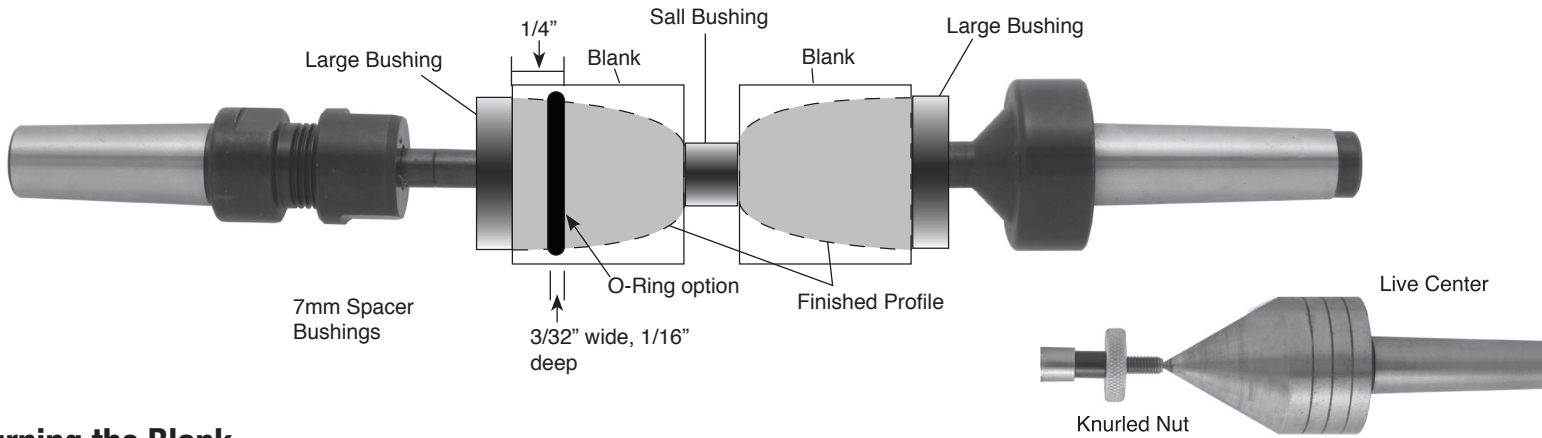


10" 275 PARACORD

Preparing the Blank:

- Cut blank to the length of the tube, adding 1/16" for squaring off.
- Drill 8MM hole lengthwise through the blank.
- Spread glue over 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 (MUST USE 3/4" TRIM HEAD), or 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 the threading 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. Make sure Threaded end of tube is against Larger Bushing.
- 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 over tighten, it could damage 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.
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel straight or to a profile of your choice.
- Try to make sure both sides are similar in shape. **ADVANCED TIP:** If you have a small digital scale, weigh each side and trim ends or sand to try to equalize weight for each bead. Try to get within .02 grams if possible.
- 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.

Turning the “O” Ring grooves

- Mount blanks same as above. Place one O-ring on mandrel as well to test fit as you are turning.
- Turn blanks down using calipers to 13/16” (.8125”) diameter
- Turn down ends to remove extra material around trimmed edge.
- Mark a line 1/4” from both cap ends. Mark a second line 3/32” (2.4mm) away from the first line – towards the cap end.
- Use tenon tool to turn down recess between lines about 1/16” deep (use caliper depth gauge).
- Test fit with O-ring. O-ring should be a little wider than blank diameter but should not easily slide out of groove.
- Slide O-ring off beads. Turn down blank from either side of recess down to bushings. Sand and finish as listed above.

Assembly (Diagram D)

- Press Stopper Nut into the smaller end of both beads.
- String both beads onto either paracord with small ends facing inward. A small rod will help push larger cord through or bend a thin paper clip into a “beading needle” that will fit into the stopper hole. Hook paper clip through end of cord and pull through.
- Tie a simple knot in one end of cord and pull into the threaded end of 1st bead. Make a loose knot at other end of cord.
- Final length between beads is a preference and can be adjusted as needed. Basic guideline is to measure the length between beads against your hand (see Diagram C). Long Game is width of spread fingertips; Short Game is width of palm.
- To tie 2nd knot, pinch cord with thumb and forefinger just next to where knot will be and tighten 2nd knot against fingers.
- Test and Adjust knot position until flipping Begleri feels comfortable. Once you are satisfied with cord length, cut excess cord and seal cut end by rapidly passing lighter flame next to cut end.
- Pull 2nd knot into 2nd bead. Make sure cord is fully inside bead (past the threads). Thread and tighten cap into the ends of both beads.

Diagram C / Cord Length

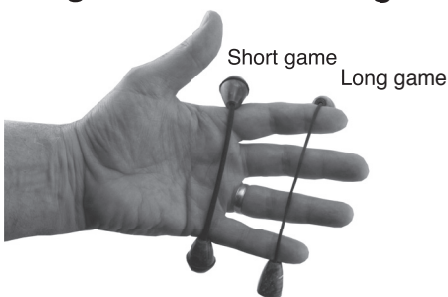


Diagram D / Assembly

(one side shown)

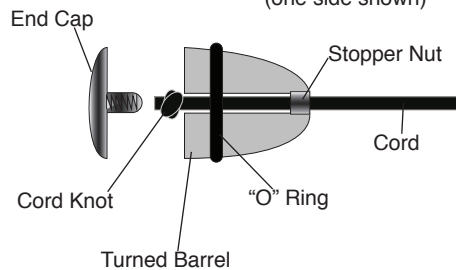


Diagram E / Bushings

#PKBEGBU

