

Aux Adapter Keychain Kit

Kit Features:

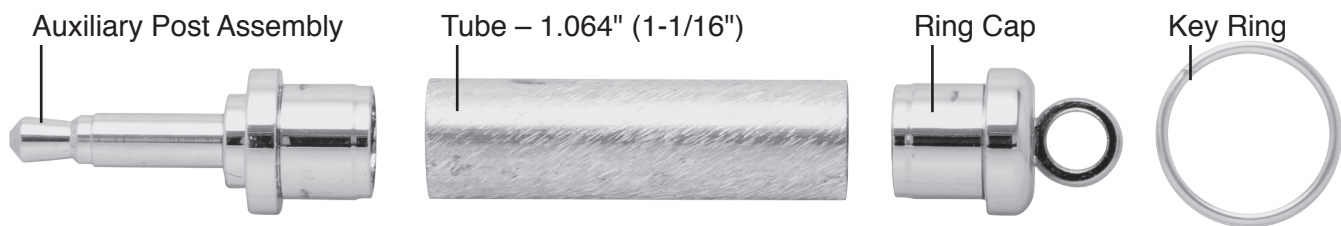
- Never lose headphone adapter cables again!
- Securely holds your USB-C or lightning to 3.5mm headphone jack adapter cable (cable not included)
- Easy to Turn with Straight Tubes
- Minimal Parts – easy to assemble
- Available in multiple finishes
- Overall Length: 2-3/32"

Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: #PK-8MMSG for Plastic and #PKPARK-8MM for Wood
- Bushing Set(2 pc): #PKATHNBU
- Barrel Trimming set:#PKTRIM8 or 8mm sleeve from PKTRIMSET and disc sander
- Live Tailstock or Mandrel Saver (recommended)
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 5/8" x 5/8" x 1-1/8"L



DIAGRAM A / PARTS LAYOUT



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 an 8mm barrel trimmer, or a pen blank squaring jig with an 8mm 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 / BUSHINGS #PKATHNBU

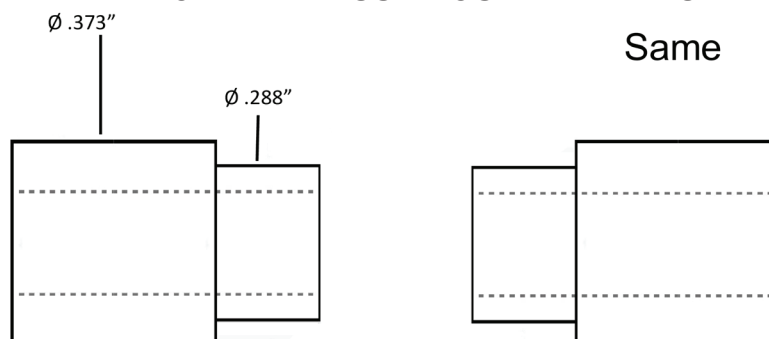
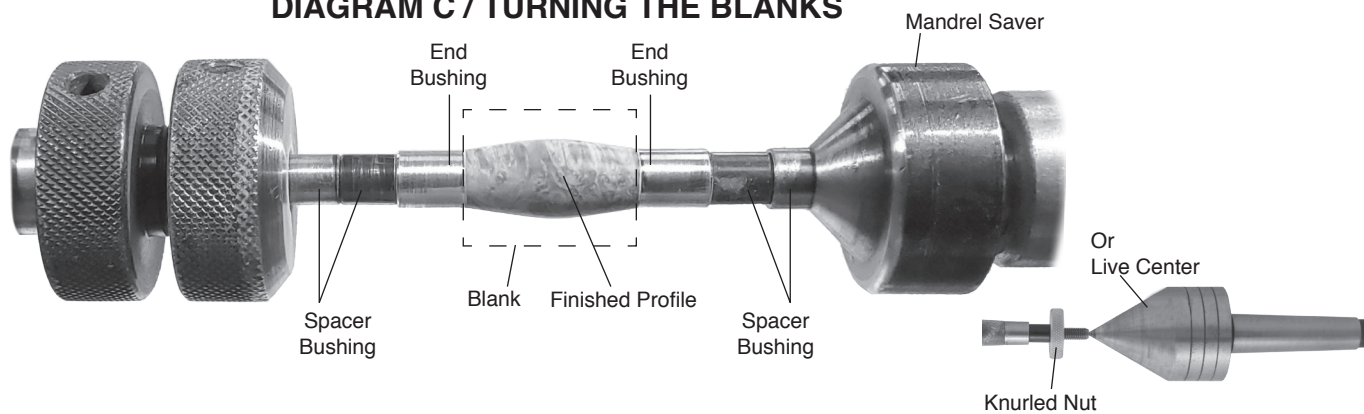


DIAGRAM C / TURNING THE BLANKS**Turning the Blank**

- Mount the bushings and blanks according to Diagram C. 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.
- Use spacer bushings to add extra room to work and to fill extra Mandrel space if using the Knurled Nut.
- The tubes are not long, so it is recommended to use a Mandrel Saver or to turn multiple kits at the same time to reduce the number of spacer bushings needed.
- If not using Mandrel Saver, 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 the 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 instructions.

Assembly

- To prevent pressing damage to the Ring Cap slide a bushing over the Ring portion and use this to press Ring Cap into either end of the Barrel. (Diagram D)
- Slip second bushing over the Auxiliary Post (keep the bushing on the Ring Cap for this) and press the Auxiliary Post Assembly into the other end of the Barrel. (Diagram D)
- Pry open Key Ring and install on the Ring Cap Assembly.

DIAGRAM D