

# Telescoping Magnetic Pick Up

## Kit Features:

- Usefull accessory in shop or home
- Easy to make with a straight profile
- Easy assembly
- 10mm Tubes
- Overall length: closed 5-1/2", extended 25"

## Required Accessories:

- 7mm, Pen Mandrel
- #PK10-10, 10mm Drill bit
- 3 pc Bushing Set PKPUTBU
- #PKTRIMKIT - Use 10mm trimmer from kit
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Live tailstock center

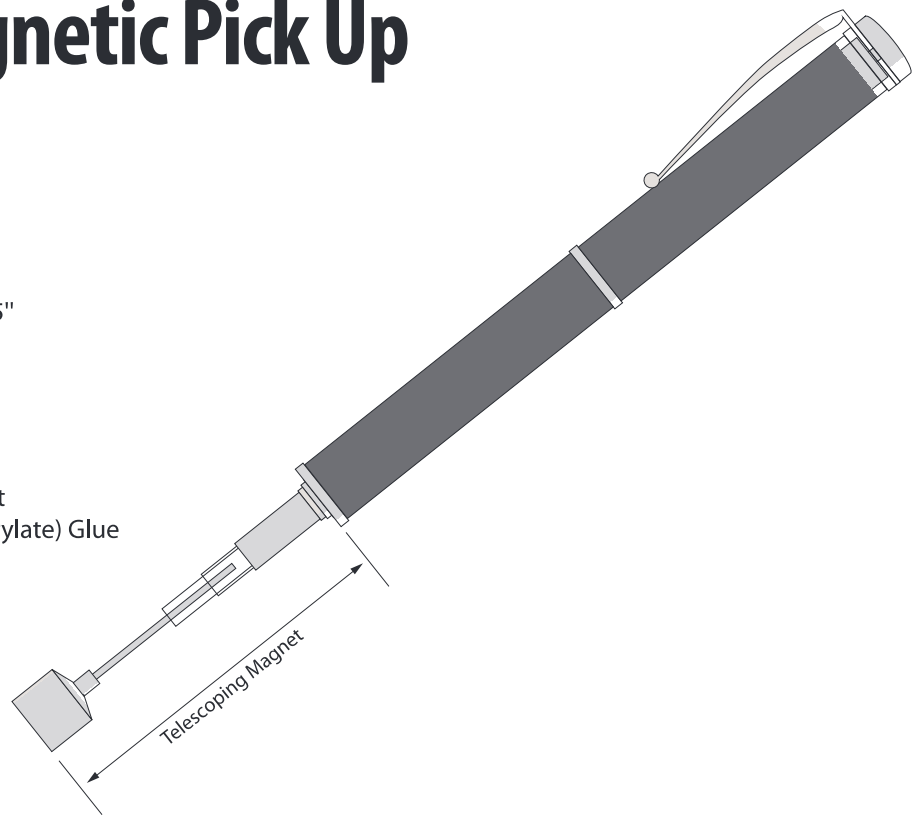
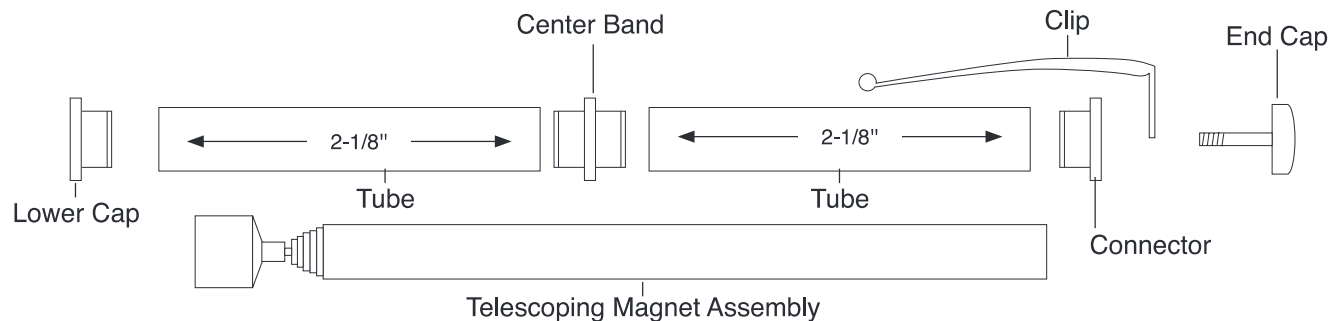


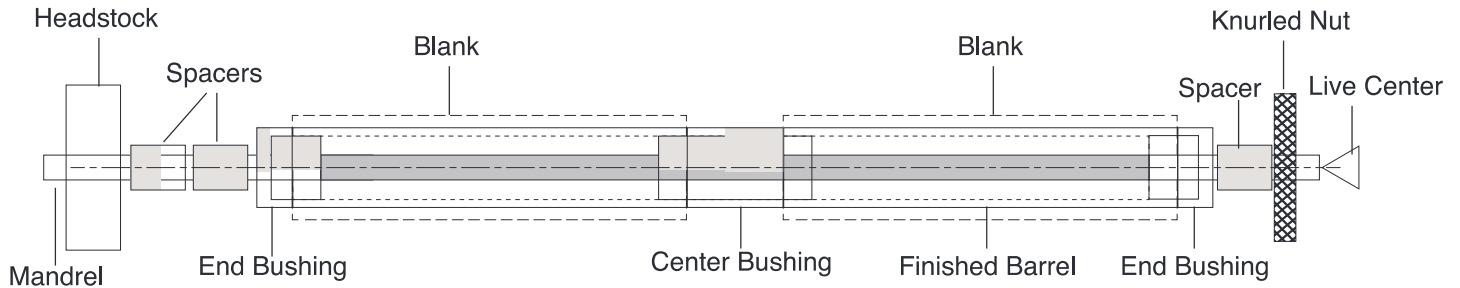
Diagram A - Parts Layout



## Preparing the Blank:

- Cut 5/8" or larger square blank to the length of the brass tube (add 1/16" for trimming off)
- Drill a 10mm hole through the blank
- Spread the glue over the tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise in the blank
- When the glue dries, square off the blanks.
- You can use a 10mm barrel trimmer with the proper sleeve or a universal pen blank squaring jig with a power disc sander. Take the wood down flush with the ends of the brass tube.

## Diagram B - Turning the Blanks



### Turning the Blank:

- Mount the blank and bushings on a pen mandrel according to dia. B.
- Thread on the knurled nut and hand tighten to hold all items in place.
- Slide the tailstock snug to the mandrel shaft. (do not over tighten, it could damage the mandrel). Lock in place.
- Turn down the wood, flush with the bushings using lathe tools and gradual higher grits of sand paper.
- Finish the barrel with you choice of polish

### Assembly:

- Layout parts according to diagram A.
- Press the lower cap into either end of any barrel.
- Press the center band into the opposite end.
- Press the other barrel onto the center band extension.
- Press the connector into the opposite end of the barrel.
- Insert the end cap into the hole in the clip.
- Insert the telescoping magnet through the opening at the barrel to bottom.
- Insert the clip assembly through the hole at the opposite end. Screw end cap into threaded hole at the end of telescoping assembly in tight.
- The Telescope Magnet is ready to use.

## Diagram C - Bushings #PKPUTBU

