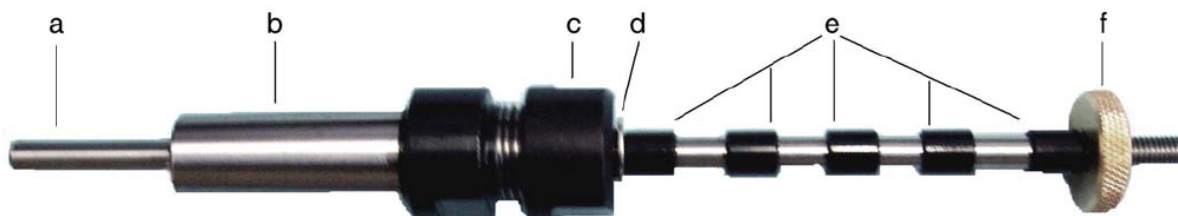


# KLINGSPOR'S WOODWORKING SHOP

XR80000 & XR800001 Pen mandrel

INSTRUCTIONS



a. shaft

b. MT arbor

c. collet nut

d. washer

e. 7mm bushings

f. knurled nut

*\*threaded end*

*toward tailstock*

## Advantages:

\*The XR80000 (1mt) or XR80001 (2mt) Maxi Pen Mandrel is much better than the traditional pen mandrel for several reasons:

- 1) It uses a collet system which slides inside the collet to allow for adjustable length pen turning without requiring a filler bushing or an extra tube to be placed onto the mandrel.
- 2) The shaft is adjustable by using a wrench (sold separately) to loosen and retighten the collet nut.
- 3) It can also be used as a traditional pen mandrel with spacer bushings.

## Mounting instruction:

- 1) Mount the arbor (b) into the headstock of the lathe.
- 2) Remove the knurled nut (f) and all of the necessary bushings.
- 3) Place the appropriate bushings & blanks on the mandrel in the correct orientation (see the kit instructions for details).
- 4) Thread the knurled nut (f) onto the threaded end about half way.
- 5) Press the assembly in toward the headstock until it rests against the washer (d) & collet nut (c) and lock the collet nut in place.
- 6) Slide the live center up snug to the hole in the threaded end of the mandrel shaft (a). (do not over tighten)
- 7) Tighten the knurled nut (f) until it is snug to the far right bushing. (do not over tighten)

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