

Antique-style Magnifiers & Letter Opener

#PKMAG3A - 3-1/2" x 2" Rectangular Magnifier

#PKMAG4A - 4" Circular Magnifier

#PKLO4A - 4" Bladed Letter Opener

Required Accessories

- 4-prong drive center
- Heavy-duty 60° live tailstock center
- 1/4" drill bit
- 2-part epoxy glue or insta-glue cyanoacrylate

Diagram A - Parts List

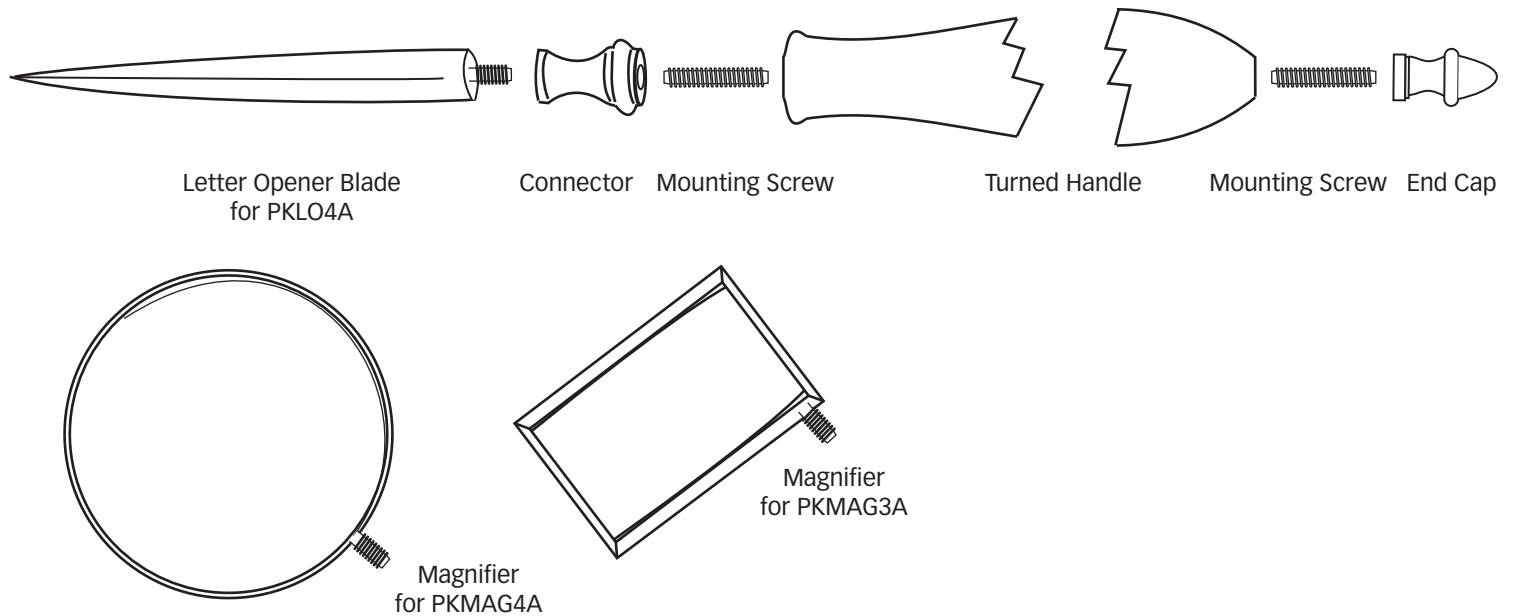
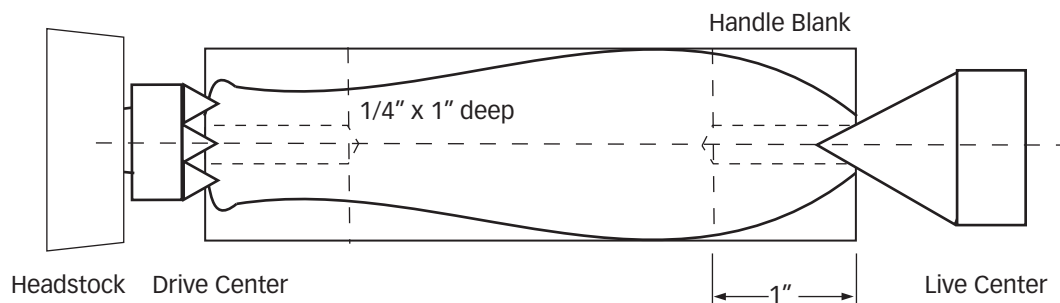


Diagram B - Lathe Setup



Preparing and Turning the Handle

- Cut a wood blank that is at least 1" to 1-1/2" square and length is your choice, based upon your handle design. Make sure that ends are squared to the blank
- Mark the center on both ends.
- Drill a straight hole, 1/4" diameter and 1" deep centered into each end of the blank.
- Mount the blank between a drive center (headstock) and a live center (tailstock) on a lathe. Lock in place.
- Turn the blank to your desired handle profile. Take extra care to turn the ends of your handle to properly mate to the brass couplings.
- Sand and finish the handle.

Assembly

- Thread a mounting screw into each of the brass components until it stops.
- Squeeze epoxy/glue into the 1/4" holes of the turned handle and push until flush with end. Let completely dry.
- Your project is ready to use.