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# Fusion-style razor kit instructions

**Needed:**
Mandrel A, drill 7 mm, bushing 93A

This razor kit is designed to be used with Fusion cartridges. NO cartridge/razor refill is provided with the kit.

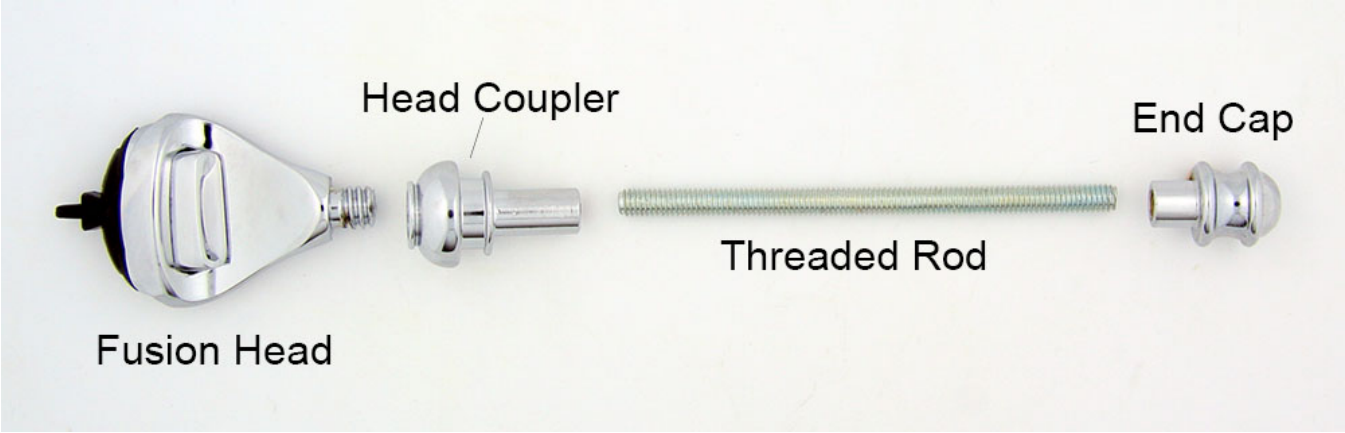
## Preparing the blank

1. Cut the blank a little longer than the length of the tube (1/16” – 1/8”) so you can square it off.
2. Drill the blank lengthwise with a 7 mm drill bit.
3. Scuff up the tube with sandpaper to clean off the oxidation and give the glue a better adhesion surface.
4. Plug the ends of the tube with a material of your choice – we recommend base plate wax – to keep the glue from getting into the tube. Push the tube ends into a thin section of the material to form a plug.
5. Roll the tube in the glue.
6. Insert the tube with a twisting motion until it is equidistant between both ends of the blank.
7. When the glue has cured, use a hobby knife to remove the plugs from the ends
8. Using a barrel trimmer of the proper size, square off the ends of the blank until you can see bright brass tube. STOP at this point. This can also be done with the proper jig and a disk sander.

## Turning the blank

1. Assemble the blank and bushings on the mandrel as shown above. Since there is only one blank, you may need to use spacers in order to tighten the tube for turning.
2. Tighten the tailstock, and then lightly tighten the nut that holds the blank. Do not over-tighten the brass thumbnut or apply excessive force as this can bend your mandrel.
3. Turn the blank to the desired contour, using the bushings as a sizing guide.
4. Sand the surface in progressive steps until you get to 400 or 600 grit.
5. For a smooth finish, sand using Micro Mesh to 12,000 grit. Apply a finish of your choice.
6. Remove the blank from the mandrel.

**Assembling the kit**




1. Thread the rod into the end cap.
2. Slide your blank over the threaded rod and thread the head coupler assembly onto the threaded rod.
3. Thread the Fusion® head into the head coupler until snug.
4. Attach a cartridge – your razor is finished!
5. Note: The razor can be disassembled for cleaning and refinishing as needed by reversing the steps described above