

Mach 3 Razor Instructions

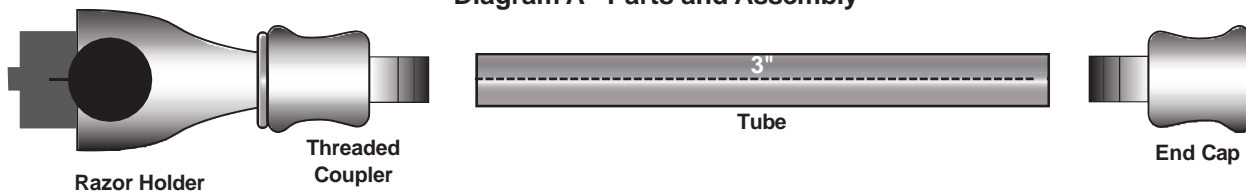
Kit Features

- Uses easy to find Mach 3 razors
- 7mm Tube
- End Cap
- Overall length: approximately 5-3/4"

Required Accessories & Materials

- 7mm mandrel
- 2-pc. Bushing set (**WG60023**)
- Drill bit – 7mm (**WS00070** Or **WS50700**)
- 7mm barrel trimmer or belt sander to square the ends of the blanks to the tubes (**WS9100-243** Paired with **W9078**)
- 2-part Epoxy glue (**PA00030**)
- Sanding and finishing supplies

Diagram A - Parts and Assembly



BLANK PREPARATION

The razor handle has a single tube measuring 3". **Cut** your blank approximately 1/16" longer than the tube to allow for squaring with the barrel trimmer. Use a medium drill speed to **drill** the blank. Raise the bit from the blank every 1/4" to 1/2" to allow the chips to clear from the flutes of the drill bit. Don't force the drill bit; use an even pressure and let the bit do the work. After drilling the blank, **sand** the exterior of the brass tube to roughen its surface and use CA **glue** to glue the tube inside the blank. Sand or barrel trim to **square** the ends of the blank. (Be careful not to remove any brass tube.)

TURNING THE RAZOR HANDLE

Set up the mandrel as shown in Diagram C. The razor's upper and lower bushings both have an outside diameter of .431" (see Diagram B). **Turn** the pen blank to the bushing diameter at the ends. **Sand** with abrasives and **finish** with your choice of polish.

ASSEMBLY

(Line up finished parts according to Diagram A)

To avoid damage to components when assembling, use a pen press or a vise with covered jaws.

1. Press End Cap into one end of the barrel.
2. Unscrew the Threaded Coupler from the Razor Holder
3. Push Threaded Coupler into the opposite end of the barrel.
4. Reattach your Razor Holder and the razor is now ready to use.

Diagram B - Bushings



Diagram C - Turning the Razor

