



Premium Razor (WT_RZSAF-*, WT_RZMCH-* and WT_RZFUS-*)

Instruction guidelines

The WT_RZ Premium Razors are high quality, sturdy, resistant and weighty project kits that are both simple and fun to make. These are truly a „Premium product“. They require no specialty tools, bushings or mandrels to finish and can be turned between centres. You will only require a 6.5mm drill. If available, it is possible to use a slightly thinner drill, down to 6.2mm in order to ensure a snugger fit but, because the kit is very forgiving, the extra 0.3mm are no hindrance. The instruction guidelines are valid for all 3 variations (and colours) of this razor project kit, as only the head needs to be swapped between the variations.

Essentially, the project kit creates compression from both the top and the bottom, around the turned cylinder, which ensures that even a little imprecision will be tolerable. Because this is not a „tube kit“, the thickness of the wood being used will be larger, which may in turn prevent cracks from developing.

As always with WTTech instructions, these are only guidelines. This is in no way intended to be the only way of making this kit. If you have another method that works for you, feel free to let us know. Above all, enjoy the turning!

Instructions:

- Preparing the piece for work on the lathe is rather simple. Simply cut a piece of wood, acrylic, metal or other material to the necessary size. The turned piece can measure between 60,6 and 75 mm, depending upon the appearance you are trying to achieve. Try a loose fit to figure out the measurements that you would prefer prior to turning.
- The drill size required is 6.5mm. Drill all the way through and fasten the piece upon the lathe, without tightening too much to prevent the piece from cracking under pressure.
- The turning is pretty straightforward. The outer aesthetic is entirely free. You will only need to ensure a seamless bridge between the metal rings and the turned piece.

Check with your particular Razor model for specific measurements, but it should be around 14 mm in diameter on the top side (near the razor's head) and 12mm on the bottom of the razor.

- Turn, sand, polish and remove from the lathe.
- Do consider using a water resistant finish or treatment, as the razor will stand in a humid bathroom for much of its life. This is particular true for sensitive, non-stabilised woods.

Assembly:

- Now assemble the razor handle by threading the bottom base onto the lower section, then slide the turned piece over the rod and complete assembly by screwing the top connector on top.
- Tighten the base whilst gripping the top connector to ensure that the razor handle is not loose. You may, if you wish, permanently bond with a spot of Loctite or another adhesive but bear in mind that this is a permanent step. Simply tightening the razor usually suffices unless you actually want to prevent unscrewing.



- Finalize the razor by screwing the razor head (Safety, Mach3 or Fusion) onto the handle.

Your premium razor is now complete. Enjoy!

