

# william wood-write

## Toothpick holder key ring instructions



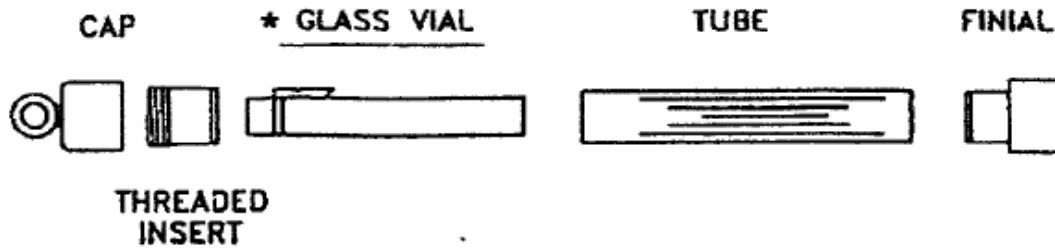
### Needed:

Mandrel A, drill 11 mm, bushing 13A, wood size 5/8" x 5/8"

### Preparing and turning the blank

1. Cut the blank slightly longer than the length of the tube so you can square the ends off once the tube has been glued in.
2. Drill through the center lengthwise with an 11 mm drill.
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. Prepare your glue. We recommend two part epoxy glue – use a fast drying type, one hour or less. Be sure to mix it thoroughly. Wax or baking paper or even a Post-it notepad all make excellent mixing surfaces. You can also use thick flexible CA glue, but you have to work quickly to get the tube all the way into the blank before the glue dries.
6. Roll the tube in the epoxy. Insert the tube with a twisting motion until it is almost entirely inside the blank. Then use a dowel or small stick to push it until the tube is equidistant between both ends of the blank.
7. Set aside until the epoxy has had time to reach its maximum strength.
8. When the glue has cured, use a hobby knife to remove the plugs from the ends
9. Using a barrel trimmer of the proper size, square off the ends of the blanks until you can see bright brass tube. STOP at this point. This can also be done with the proper jig and a disk sander.
10. Assemble the blank and bushings on the mandrel.
11. Tighten the tailstock before tightening the blank on the mandrel. This will centre the mandrel first. Then lightly tighten the nut that holds the blanks. Do not over-tighten the brass thumbnut or apply excessive force as this can bend your mandrel and cause your toothpick holder to come out oval. You may use a spacer to give you more room between the thumbnut and the last bushing.
12. Turn the blank to the desired contour, using the bushings as a sizing guide.
13. Sand the surface in progressive steps until you get to 400 or 500 grit.
14. For a high polish finish, continue sanding with micro mesh to 12,000 grit.
15. Apply finish of your choice and polish.

## Assembling the parts



1. Press in finial.
2. Press in threaded insert.
3. Screw on cap.
4. Slide ring on.

Note: glass vial in diagram is only for perfume holder kit, not toothpick holder.