



Premium Brass Lighter (WT_LIGHTBR)

Instruction guidelines

The WT_LIGHTBR is a very reliable, high quality, solid brass lighter. It's truly a premium quality product and will function reliably for many years, as long as it is maintained properly.

Whilst the design of the finished product is entirely your own, we recommend the use of a 22mm drill to create a hole in a piece of wood, acrylic or other material. One can, optionally, simply turn a hole on the lathe in order to create the 22mm hole in the blank.

Instruction guidelines:

- Place your workpiece on the pillar drill and drill exactly 50mm deep with a 22mm drill bit. The 50mm are vital to ensure that the lighter cylinder will fit snugly inside the casing that you will be creating.
- If you plan on turning the lighter casing that you have now created, simply place the workpiece onto the lathe and turning between centres until you have reached the appropriate shape and size that you wish. Alternately, you can do flat-work on the casing and give it other unconventional shapes and sizes.

- You may wish to create a recess, to ensure that the knurled bottom of the lighter is concealed, as demonstrated in the following schematic:



Preferably, this should be done before the turning and you should leave enough of a gap in order to be able to unscrew the bottom cap (for refueling and flint-exchange). We recommend at least 24mm in diameter.

- Sand, polish and treat as required.

Assembly:

- Once you have completed the woodworking process, simply unscrew the base of the lighter, fit the newly-made cylinder that you have created around the body of the lighter, and then screw the bottom plate back on. One can, if you wish, glue the brass cylinder into the 22mm casing.

Your lighter is now completed!

Fuel and flint replacement:

- In order to replace the flint, unscrew the base plate. Using a fine slit-screwdriver, remove the little brass screw, making sure that you do not lose the long spring within. Remove the old flint and replace it with a new one. Suitable lighter flints are Zippo-style, compatible flints. These may often be found at tobacconists and fuel stations.

- To refuel, open the base as described above. Lift the cotton place and, placing the nozzle of your lighter fluid (Zippo-style lighter fluid), drip the fluid into the cotton padding below. Do not overfill! Less is often better in this case.

You are now free to use your newly-made, solid brass lighter. Enjoy!