



The WT_BSHN Premium Shoehorn project kit

The WT_BSHN is an easy to make project kit that requires little to no additional equipment than a lathe, a few tools and an M8 threaded rod. Because we do not believe that ours is the only way to finish this project kit, please feel free to explore other possibilities. We would however like to put forward our personal, favourite way of doing it.

Suggested equipment:

- The WT_BSHN project kit
- An M8 thread rod or an M8 threaded bolt
- A Wood Insert Screw (WT_WSI)
- The HDMAN heavy duty mandrel

Preparing the handle:

- Cut a piece of wood to your chosen size. Because we all have a preferred size for our shoehorns, this may vary greatly, but we recommend something longer than 250mm in order to ensure that putting your shoes on with the Premium Shoehorn project kit is a pleasant experience. The overall length of the shoehorn would then be around 40 centimeters (with enough excess length to trim to size), which is a rather good length, although the choice is yours.
- Drill a hole for the Wood Insert Screw. Depending on the wood, this diameter may vary between 10 and 11,5mm. Please remember that if the wood is too dense, it may split if the diameter of the hole is too small. Screw the WSI into the wood with the appropriate Allen Key.



- Place the piece on the HDMAN Heavy Duty Mandrel.
- Turn the piece to the appropriate shape and size. This is your moment to shine and turn this shoehorn into a practical piece of art. Please make sure that you consider the diameter of the neck of the shoehorn to ensure a smooth transition between the brass and the wood (or other material).
- Part the excess material, sand and polish as required.
- Remove the piece from the mandrel.

(Alternately, if you are not using a Wood Insert Screw, you may be able to tap a thread into the acrylic, metal or dense wood. This in turn will allow you to connect the shoehorn to the handle using the M8 thread mentioned below)

Preparing the brass:

- In order to connect the brass shoehorn to the wood, you will require an M8 threaded rod or bolt.
- Measure the inner depth of both the WSI and the shoehorn ferrule and cut the threaded rod (or bolt) to the appropriate length by using a hacksaw. Make sure that you smooth the thread to ensure that it will screw appropriately into both materials without catching or breaking the inner thread.

Assembling the shoehorn:

- Simply combine the shoehorn and the handle by using the newly created thread.

Enjoy many years of comfortable shoe-wearing with this wonderful, handmade project kit.