

Kit Features

- Chrome-plated brass tube for personal hygiene when used as a toothpick holder
- Overall length: 3-1/4"

Required Accessories

- 7mm mandrel
- 10mm drill bit (DB10MM or DB10MMCT)
- 3-pc. bushing set (10MMBU)
- 10mm barrel trimmer (BTRIMKIT9)
- Glue (We recommend the thick "gel" CA glue—GTHICK2)
- Sanding and finishing supplies

Diagram A - Parts and Assembly

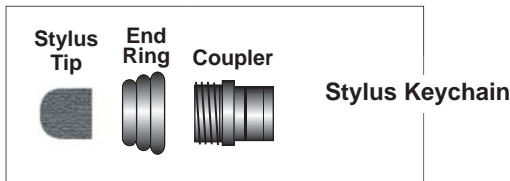
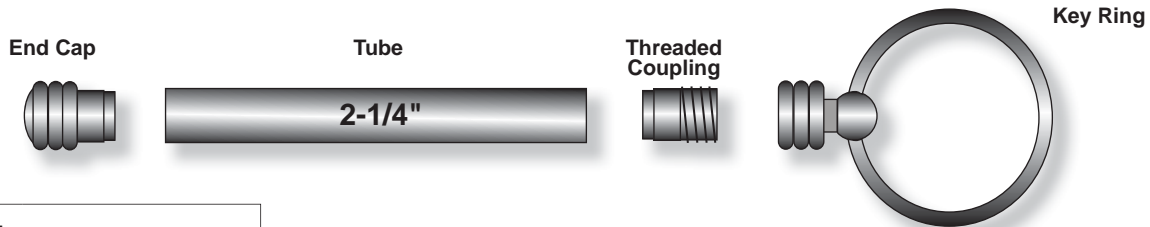
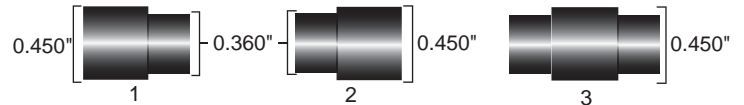


Diagram B - Bushings



BLANK PREPARATION

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 wood 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.

TURNING THE KEYCHAIN

Set up your mandrel as shown in Diagram C. You will use only the two outer bushings of the bushing set (bushing 1 and 2) when turning this keychain. **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 vise with covered jaws or one of WoodTurningz' pen presses.

1. Press the End Cap or Stylus Coupler into one end of the keychain Tube.
2. Press the Threaded Coupling into the opposite end of the Tube. Screw on the Key Ring to the Threaded Coupling.
3. The **Keychain** is now ready to use!

Stylus Keychain - place Stylus Tip through the End Ring and screw onto the Coupler. It is now ready to use!

**Note to Stylus users: unthread the End Ring to change the refill.

Diagram C - Turning the Keychain

