

## CIGAR CUTTER KEYCHAIN

### Instructions

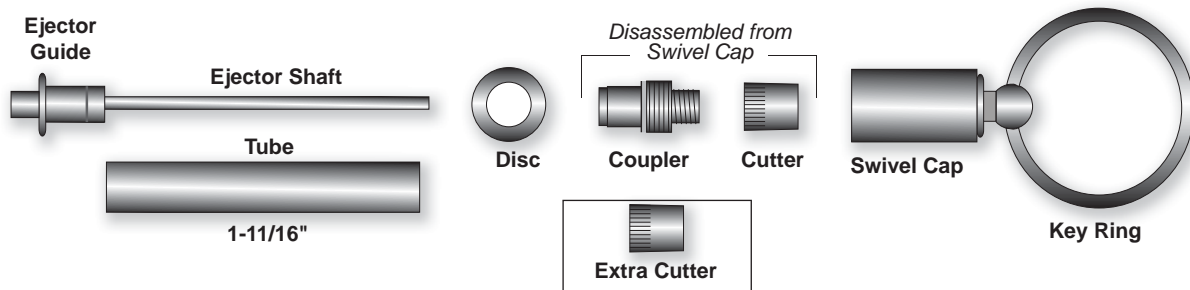
#### Kit Features

- Easy to carry and cut cigar tips
- Spring action ejector button easily removes cigar waste
- Spare stainless steel cutter supplied
- Overall length: 3"
- Swivel key ring

#### Required Accessories

- 7mm mandrel
- 7MM drill bit - #PK-7MM
- 7MM barrel trimmer #PK-TRIM7 (optional)
- Bushing set #PKMESABU or PKGABU
- 2 part epoxy glue or insta-cure (cyanoacrylate)

#### Diagram A - Parts and Assembly



#### 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

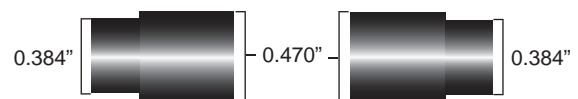
**Set up** your mandrel as shown in Diagram C. **Turn** the pen blank to the bushing diameter at the ends. **Sand** with abrasives and **finish** with your choice of polish.

#### 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. **Disassemble** the Coupler and Cutter from the Swivel Cap.
2. Put the Disc onto the Threaded Coupler and **Press** into one end of the turned barrel.
3. **Screw** on Cutter, then the Swivel Cap.
4. Line up then **Push** in the Ejector Guide/Shaft and **Press** into one end of the turned barrel.
5. Add the Key Ring and your Cigar Cutter Keychain is ready to use.

#### Diagram B - Bushings



#### Diagram C - Turning the Cigar Cutter Keychain

