

# Lip Balm Holder v2

## Kit Features

- Convenient Size for purse or keychain
- Minimal Parts--easy to assemble
- Available in multiple finishes
- With our new and improved version 2, make one kit to fit different lip balms. Use the two switchable holders to accommodate multiple brands including Burt's Bees®, Chapstick®, Carmex®, and Blistex®

## Required Accessories

- 7mm Pen Mandrel
- Drill Bit: #FB4564 (45/64")
- Bushing Set(2pc): #PKLBALMBU
- Barrel Trimming: Disc Sander recommended
- Live Tailstock or Mandrel Saver
- 2 part Epoxy (CA not recommended)
- Pen Blank Minimum Size: 1" x 1" x 1-11/16"L



## Preparing the Blank - Note: There is no internal tube for this kit

- Cut blank to 1-11/16". Can be up to 1/32" longer - no shorter.
- Drill 45/64" hole lengthwise through the blank. Make sure your hole is as straight and centered as possible as there are no trimming sleeves available for this size hole.

## DIAGRAM B / TURNING THE BLANK

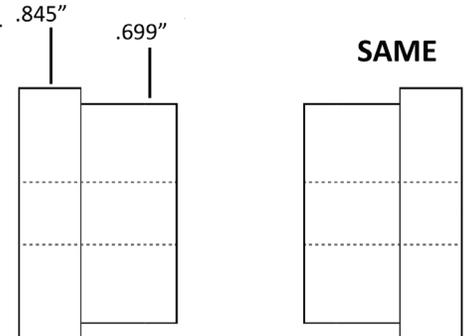


## Turning the Blank:

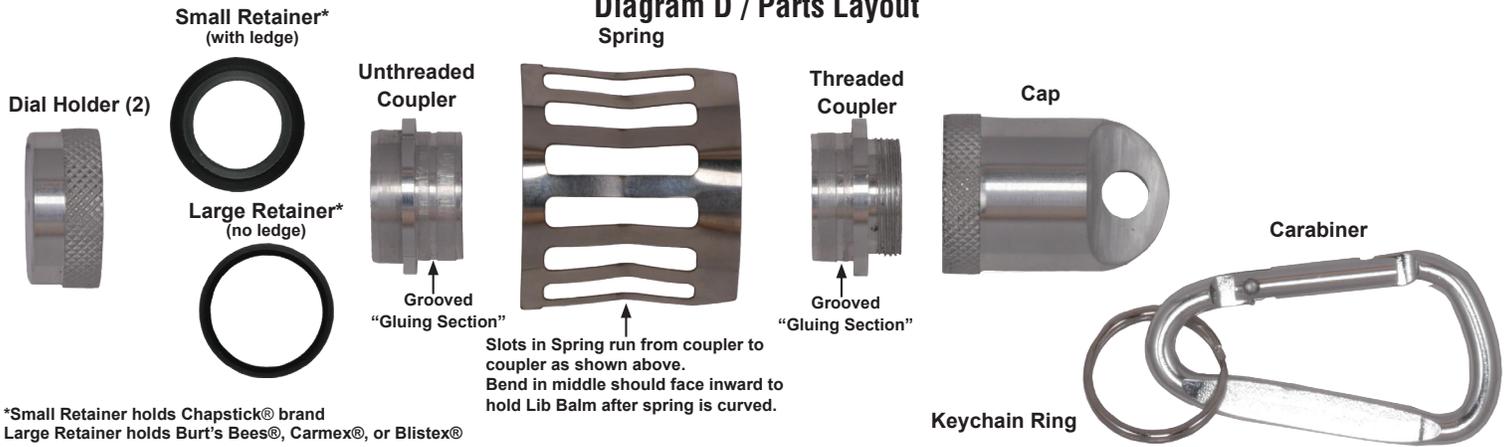
- Mount the bushings and blanks according to diagram B. You may wish to add the standard 7mm spacer bushings to allow extra room to work.
- When using Mandrel Saver, there is no need for extra spacer bushings or the knurled nut. Slide and lock tailstock directly against bushings and tighten quill until blank and bushings are secure.
- To use Knurled Nut Setup (right), add spacer bushings until past the threads on the end of the Mandrel Shaft.
- Thread on the Knurled Nut and hand tighten to hold all components in place.
- Slide the Tailstock up snugly against the Mandrel shaft, inserting the live center point into the Mandrel dimple.
- Lock Tailstock and hand tighten the quill adjustment with wheel to steady the mandrel. Do not over-tighten, it could damage mandrel shaft.
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel straight or to a profile of your choice.
- Sand the blank down to be flush with the bushings, gradually increasing sandpaper grits.
- Finish the barrel using your choice of polish. Allow sufficient time for the polish to cure—refer to polish manufacturer's instructions.



## Diagram C / Bushing #PKLBALMBU



**Diagram D / Parts Layout**  
Spring



\*Small Retainer holds Chapstick® brand  
Large Retainer holds Burt's Bees®, Carmex®, or Blistex®

**Assembly:**

- Look at both retainers and note that the Small Retainer has a ledge. The inner diameter above this ledge is smaller to hold Chapstick® style lip balms. The ledge will raise these shorter lip balms so that they will sit at the same height as the wider, longer style lip balms that fit the Large Retainer. We will glue both retainers into their own Dial Holder so they can be switched according to the desired lip balm.
- Mix a small amount of 2 part epoxy and use a small spreader, such as a toothpick, to place a small amount in the bottom inside corner of the Dial Holders. (Dia. E). You may wish to slightly roughen the inside of Dial Holder to provide better adhesion.
- Put the Retainers into the Dial Holders.
- Use the short side of the Unthreaded Coupler to push the retainers fully into Dial Holders (Dia. F).
- Use the small spreader to place a small amount of epoxy above the retainer to help keep it from coming loose (Dia. G). Use a cotton swab to clean excess epoxy.
- Set the Dial Holders aside to cure.
- As shown in Diagram H, curl the Spring with the crease in middle of slots facing inward; and insert it into the bottom of the Threaded Coupler. Do not worry if the spring curve is too uneven—it can be smoothed out with a small rod after assembly.
- Mix a moderate amount of 2 part epoxy and spread into the openings on both ends of the blank.
- Spread a thin amount of epoxy onto the outside of the longer, grooved “gluing sections” on both Couplers.
- Insert the grooved gluing side of the Unthreaded Coupler and Threaded Cap Coupler into the openings on both sides of the Blank. With Spring inserted in Threaded Coupler it may require a bit of rocking and twisting to slide into place. Set aside to cure.
- Once all the Epoxy has cured, push back of lip balm into the appropriate Retainer/Dial Holder.
- Remove cap from lip balm and insert, tip first, through the Unthreaded Coupler opening until the Dial Holder bottoms against the Base Coupler.
- Dial Holder can now be turned to raise and lower the lip balm.
- Kit cap threads onto the Threaded Cap Coupler. Cap that came with lip balm is not used.
- Attach Keychain Ring to the hole in the Cap. This can then be looped into the Carabiner to be attached to a purse strap, belt loop, or as a key chain.
- To change lip balm, pull Dial Holder out and replace the lip balm with the same size/brand as previously used. If the replacement lip balm is sized for the other Retainer/Dial holder, use that instead.

