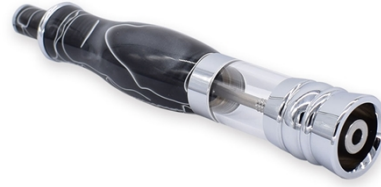


Xiamen Rizheng Industry Co.,Ltd

Salt pepper mill kits Assembly Instructions

Required Accessories

- 7mm pen mandrel
- 4pcs Bushing Set RZ-PK326#-BU
- Drill Bits: 10mm RZ-DB010, 9/16"
- Barrel Trimmer: Use 10mm shaft, & 7mm shaft
- Live Tailstock Center
- Glue (Thick CA or Epoxy)
- Overall Length: 6-1/2"
- Pen Blank: Minimum Size - 1-1/8" to 1-1/4" x 3-1/4" L (for barrel) 5/8" x 1"L (for plunger)



Preparing the Blanks

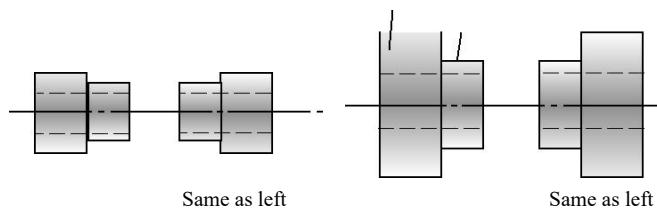
Barrel:

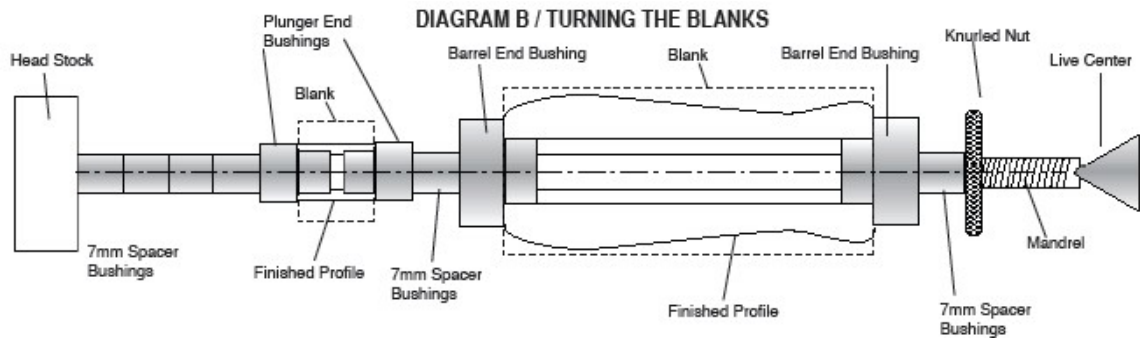
- Cut the 1-1/8" x 3/4" blank to the length of the chrome grinder tube (add 1/16" for trimming).
- Drill a 9/16" hole through the center of blank.
- For better adhesion, sand the O.D. of the chrome tube.
- Glue the Grinder tube into the hole. Let dry.

NOTE: For best results, make a barrel trimming sleeve. Drill a 1/4" hole through the center of the sleeve to the length and I.D. of the tube. Use this sleeve with a 7mm barrel trimmer shaft. Trim to the tube (or use a sander).

Plunger:

- Cut the blank to the length of the brass tube (add 1/16" for trimming).
- Drill a 10mm center hole through the blank.
- Glue the tube into the hole. Let dry.
- Use a 10mm barrel trimmer shaft. trim to the tube.

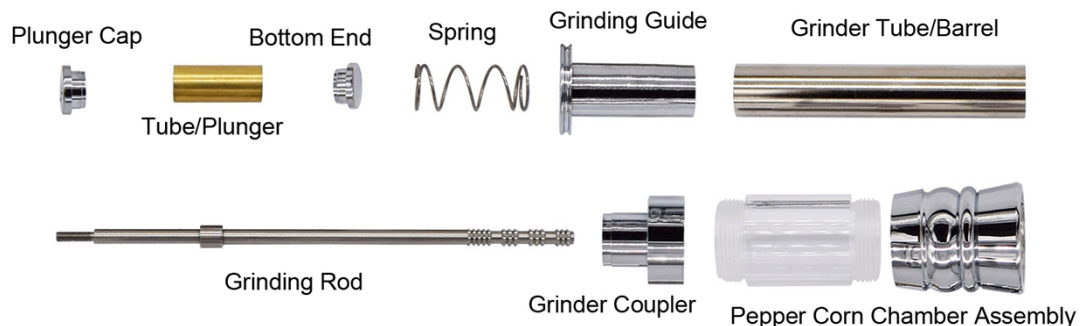




Turning the Blank

- Mount the bushings and blank according to diagram B.
- 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 in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel.
- 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 the sandpaper grits.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure.

Diagram A



Assembly

- Layout parts according to diagram A.
- Press the plunger cap into either end of the plunger.
- Press the bottom end into the opposite end of the plunger.
- Press the grinder guide into the upper end of the grinder barrel.
- Press the grinder coupler into the opposite end of the grinder barrel.
- Drop the spring into the opening in the grinding guide.
- Insert the grinding rod, threaded end in first into the opening in the grinder coupler, through the grinder barrel out through the grinding guide and spring.
- Thread the bottom end of the plunger over the rod, tighten.
- Fill the pepper corns into the chamber assembly.

- Insert the rod through the corns and screw the coupler onto the chamber assembly.
- The grinder is ready to use by pressing on the plunger to grind the pepper.