

# 'T' TOP Peppermill Kit

## Kit Features:

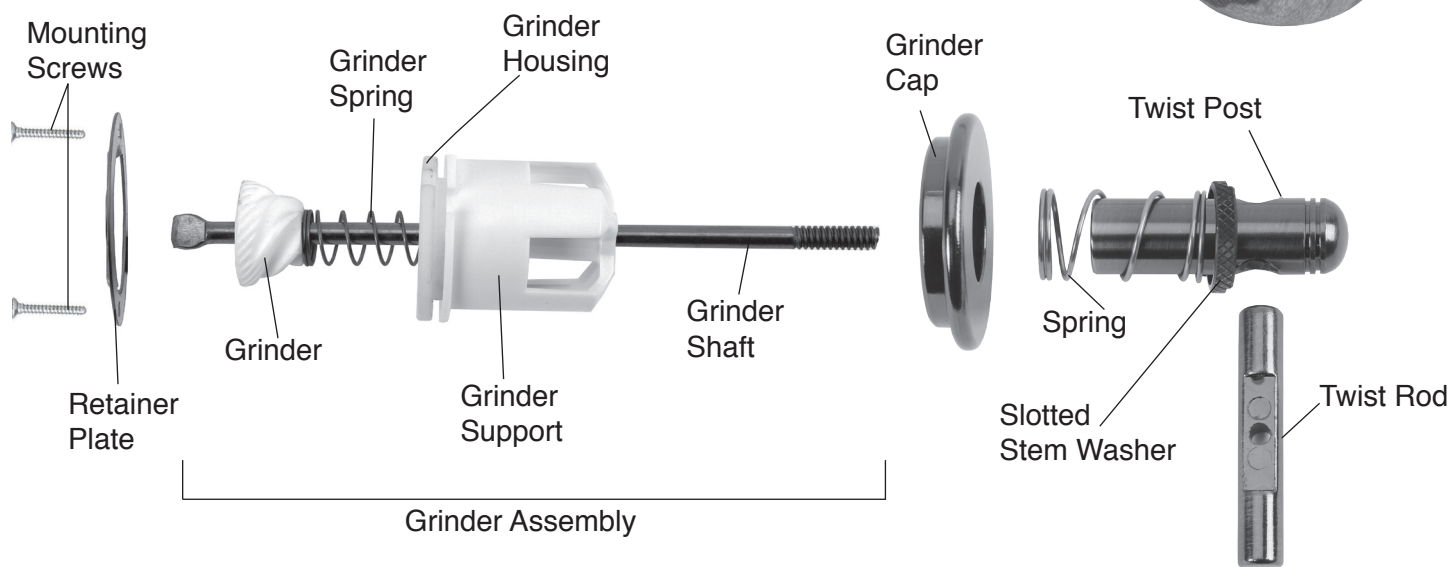
- Ceramic corrosion resisting grinding parts
- Overall height: 6- $\frac{3}{4}$ "
- Variable grind by pressing /pulling handle
- Unique profile mechanism

## Required Accessories:

- 1- $\frac{1}{2}$ " Forstner Bit #FB150
- 1- $\frac{1}{16}$ " Forstner Bit #FB1-116
- 1" Jam Chuck #CJAM1 or...
- Use mandrel jam chuck system #PKMJAM (use 1" wheels)
- Forstner Bit Extender #FEX (optional)
- Blank required: 2- $\frac{1}{2}$ " square x 5- $\frac{1}{8}$ " (finished size)



DIAGRAM A - PARTS LAYOUT



## Boring the Grinder Body Blank:

- Trim both ends to 90°
- Mark the center on both ends of the blank.
- Drill a 1- $\frac{1}{2}$ " hole on each end. Upper end to  $\frac{3}{8}$ " deep. Bottom end to  $\frac{7}{16}$ " deep.
- Drill a 1- $\frac{1}{16}$ " hole through the entire blank. It is advised to drill halfway through and turn around to drill through from the opposite end.
- NOTE: If you drill the center hole from both ends to meet in the middle, be sure the ends of the blank are 90° square to obtain best alignment of the hole.

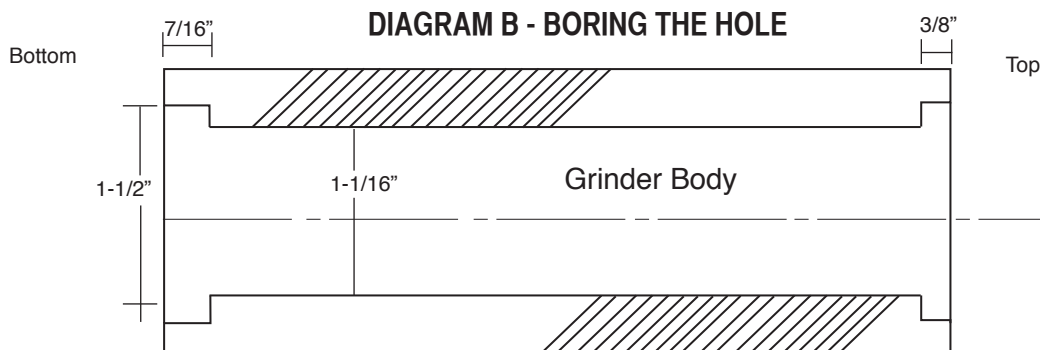
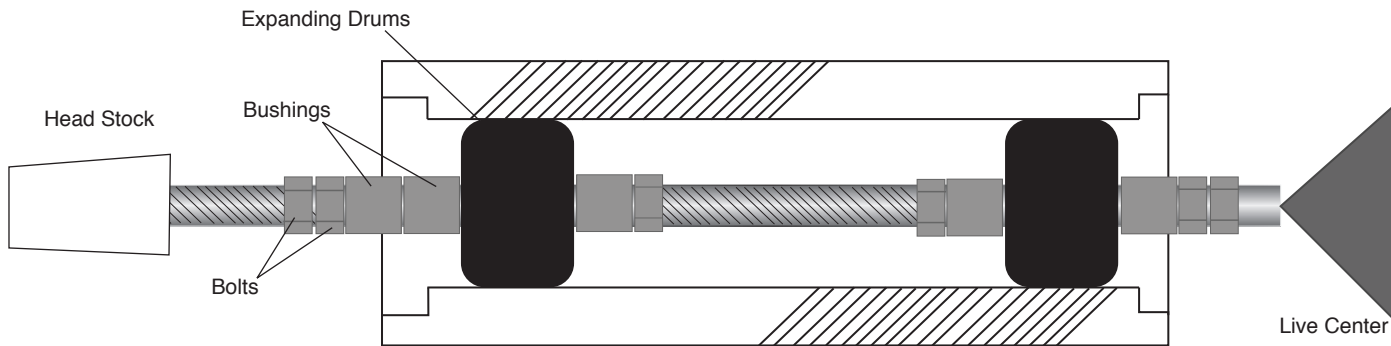


DIAGRAM C - TURNING THE BLANK



### Turning the Blank

- Use either a jam chuck or the mandrel jam chuck as illustrated in dia. 'C'.
- Mount the blank onto the threaded mandrel – lock between the drums to jam in the hole. Bring the tailstock in, lock setup.
- If using the jam chuck, lock the drum into a 3 jaw drilling chuck. Mount on the lathe, insert the blank and tighten the blank support with a 60° live center on the tailstock. Lock for turn.
- Turn the blank into the profile of your design.
- Sand and finish the wood. Use Mahoney's Utility Finishing Oil #LBUFFOIL or other appropriate finishing oil to coat the interior wall. It is safe to use when dry.

### Assembly

- Layout parts according to dia. 'A'
- Insert the grinder components over the grinder shaft to create a grinder assembly.
- Insert the assembly through the opening at the bottom of the grinder body.
- Screw the twist post into the grinder threads on the shaft.
- Slide the grinder cap over the post, to rest into the top recess of the grinder body.
- Slide the spring over the twist post; it will seat inside the grinder cap. Follow with the stem washer, slotted end up.
- Align the slots of the washer with the hole in the post. Push the washer down and insert the twist rod with the slot down to fit solid in the washer.
- Secure mechanism at bottom of the grinder body: align the slots of the retaining plate and grinder housing to match. Affix the retainer with (2) mounting screws.
- The peppermill operates by grabbing the body and twisting the cross rod to grind the pepper.
- To adjust the size of the grind, just push the twisting rod down while grinding for course grind. In the upper position the grind will be fine.
- To replace pepper: Remove twist rod first then washer, spring and grinder cap. Pour pepper into exposed hole - then re-assemble.

