

# Professional Ceramic Salt Mill Kit

PKGRIND806 • PKGRIND808 • PKGRIND810 • PKGRIND812

## Kit Features:

- Traditional Styling
- Non-corrosive Components
- Ceramic Grinder
- Available in 4 sizes

## Required Accessories:

- 1-5/8" Forstner Bit #FB158
- 1-1/16" Forstner Bit #FB1-116
- 9" Forstner Bit Extension #FEX9
- 3 Jaw Drill Chuck (#TM32 series)
- HD Live Center (60°)
- 1" Jam Chuck #CJAM1
- 7mm Drill Bit #PK-7MM or PK-7MMSG

## Required Wood Blanks: (see Diagram A)

- Base Blank: 2-1/2" Min Square x (see below sizes)
- Be sure both end surfaces are cut to 90°
- Head Blank: 2-1/16" Long

Boring the Blanks: (see Diagram A)

### BASE

- Mark the center on both ends of the blank. On one end drill a 1-5/8" dia. hole 1/2" deep.
- Follow with a 1-1/16" bit. Use the point of the previous hole as a guide. For better results, bore the hole from both ends of the blank but not necessary.

### Head:

- Locate and mark the center of the blank. Bore a 7mm hole through the blank.

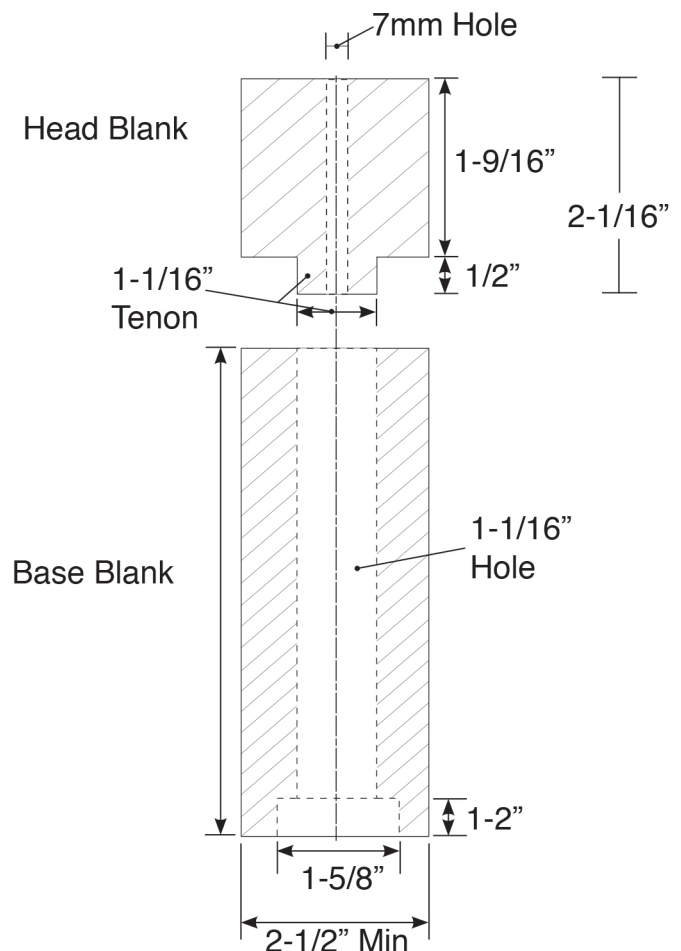
Kit Item #:	Mechanism Length:	Base Blank Sizes:
• #PKGRIND806:	6"	4-3/8"
• #PKGRIND808:	8"	6-3/8"
• #PKGRIND810:	10"	8-1/4"
• #PKGRIND812:	12"	10-1/2"

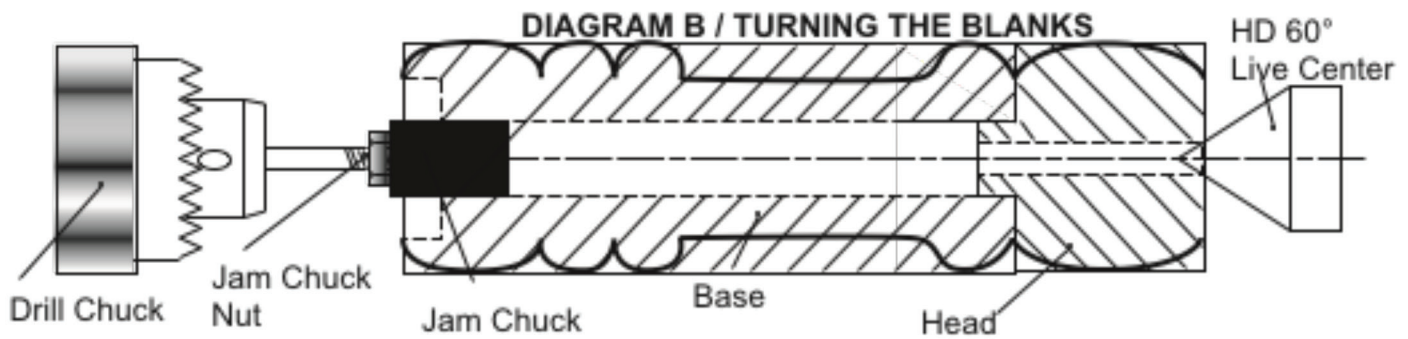


Head Assembly

Grinder Assembly

**DIAGRAM A**  
**BLANK DIMENSIONS & BORING**





## Turning the Blank

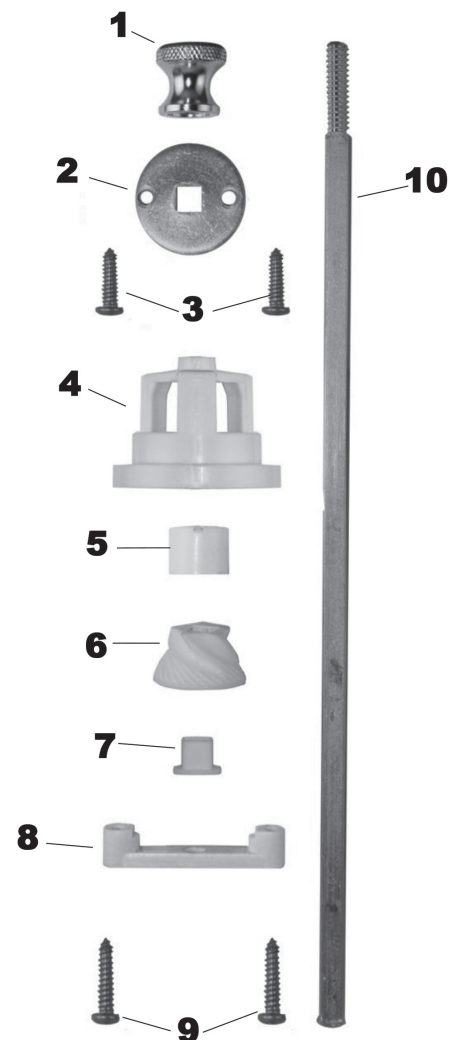
Head Blank:

- Mount the blank on the lathe between centers. Turn a tenon 1/2" deep 1-1/16" in diameter to fit into the hole in the base blank.

**NOTE: It is recommended to turn both ends at once**

- Insert the tenon into the opening at the upper end of the base blank.
- Mount the 3 jaw drill chuck into the head stock of the lathe. Insert the jam chuck and lock into jaws.
- Mount the wood assembly, recessed end in first over the jam chuck.
- Bring the tail stock forward with the center into the hole. Lock in place.
- Use a wrench to tighten the nut to expand the jam chuck in the hole.
- Tighten and make sure it is safe to turn. (You may choose to turn, sand & polish each separately).
- Turn the wood blanks to a profile of your choice. Sand and finish the wood. Use a food safe polish.

**DIAGRAM C  
TURNING THE BLANKS**



## Assembly

- Layout parts according to diagram C.
- Mount the drive disc (2) on the head with Short Screws (3).
- Slide the Grinder Sleeve (7) into the bottom of the Cone (6). This protects the Grinder and Shaft from wear.
- Insert Shaft (10) through the bottom of the Cone (6).
- Slide the Regulator (5) onto the Shaft (10), this keeps the coarseness set at the correct spacing. (Coarseness is not adjustable)
- Slide the Grinder Housing (4) over Regulator (5) and Cone (6).
- Insert the Shaft (10) with Grinder Assembly up through the base.
- Insert the Grind Retainer (8) into the slots on the side of the Grinder Assembly and secure with Long Screws (9).
- Slide Head over Shaft (10) and secure with Knob (1).