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”
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.

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).