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Instruction Manual

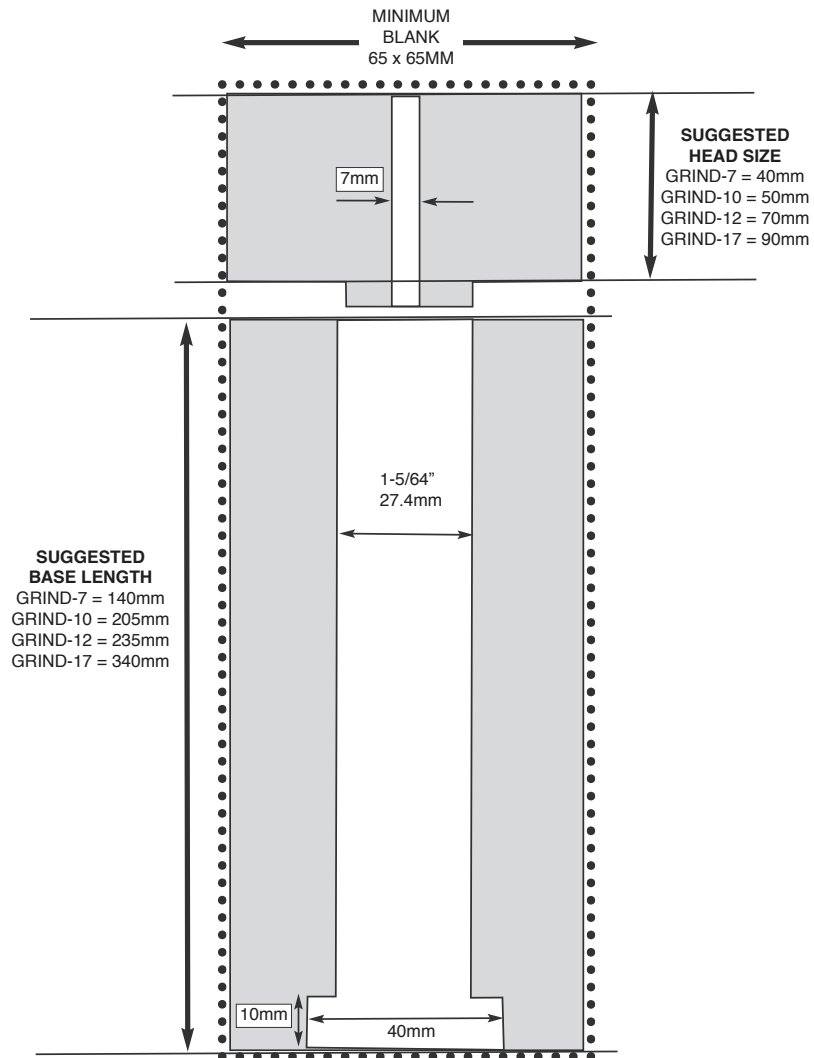
GRIND-7 GRIND-10 GRIND-12 GRIND-17

Ceramic Salt & Pepper Mill

Ver. 2011:001



Assembly Instructions



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Tools Required

Woodlathe, turning tools, scroll chuck, drill chuck and drive/live centres, 7mm drill bit, Forstner Bits and bit extension.

Timber Blank Required

Depending on style and shape of finished mill, a timber blank measuring a minimum of 65mm square is required. Length varies depending on grinder mill mechanism purchased. See diagram at left for length guide.

Boring the Mill blanks

Locate and mark the centre of your blank on what will be the bottom or base of the Mill. Bore or turn 40mm counterbore in centre of base section, then bore or turn smaller centre hole (approx 27mm Dia.) half way through base sections full length. Use a 25mm or 1" forstner bit.

Reverse mount base section (Use a chuck with small or pin jaws) and drill 7mm hole through centre of what will become head piece.

Turn to form shoulder (to a slightly larger diameter than centre hole) and part off head piece where required.

Bore or turn through remaining centre hole on base section.

Test fit head piece to base section, adjusting by lightly sanding inside of base hole where required. A tight fit will allow for the head piece shape to be turned at the same time as the base section.

Support base and head between chuck and live centre.

Turn Base and head piece to desired shape.

Assembly

Carefully remove head piece, and sand inside of centre hole (and/or outside of shoulder) to allow easy rotation when grinding.

Test fit fixed grinder mechanism inside base section. This should be a snug fit. Sand inside of centre hole to adjust for a perfect fit before carefully pressing the fixed part of the mechanism into place. Feed drive rod through the square hole in the grinder mill and make sure drive rod sits flush at base. Feed rod through centre hole and into fixed grinder mechanism in base. Fix mechanism into place using the large metal retainer (blue protective plastic side facing out) and two small screws (see diagram at right).

Carefully centre and mount the drive plate to the inside of the head piece using two small screws.

Place head piece on base section and retain using either the P (pepper) or S (salt) top thumb screw.

