

INFORMATION SHEET FOR RICHARD KELL $0 \rightarrow 1"$ AND $0 \rightarrow 2\frac{5}{8}"$ HONING GUIDES.

THESE TWO VERSIONS OF MY HONING GUIDES HAVE BEEN DEVELOPED TO COPE WITH SHORT BLADED AND JAPANESE STYLE CHISELS.

THE BLADE IS CLAMPED ONTO AND MAKES CONTACT WITH THE UNDERSIDE OF THE TWO STAINLESS STEEL LOCATION RODS, THESE BEING THE PRIMARY LOCATION DATUM. HOW FAR THE CUTTING EDGE PROJECTS DETERMINES THE HONING ANGLE. FOR EXAMPLE CLAMP UP AT $5/8"$ / 16mm AND THE BLADE WILL MAKE AN ANGLE OF 25 DEGREES TO THE SHARPENING SURFACE. MEASUREMENT IS TAKEN FROM THE SIDE OF THE STAINLESS ROD TO THE CUTTING EDGE. A STRIP OF WOOD WITH AN ACCURATE SHOULDER COULD BE EASILY MADE TO PROVIDE STANDARD ANGLES IN YOUR OWN WORKSHOP AND MARKED 'ROUGH HONE' AT ONE END AND 'FINISH HONE' AT THE OTHER.

12.7mm	— $1/2"$	= 30°
14mm	— $9/16"$	= $27\frac{1}{2}^\circ$
16mm	— $5/8"$	= 25°
17.5mm	— $11/16"$	= $22\frac{1}{2}^\circ$
20mm	— $25/32"$	= 20°
24mm	— $15/16"$	= $17\frac{1}{2}^\circ$
30mm	— $13/16"$	= 15°
34mm	— $15/16"$	= $12\frac{1}{2}^\circ$

THE HEXAGONAL NUT IS MEANT FOR FINGER TIGHTENING ONLY - NOT A SPANNER. THE BRASS BOBBIN DIAMETERS ARE TURNED TO PLUS OR MINUS ONE THOU INCH AND ARE SELECTIVELY ASSEMBLED TO MATCHED PAIRS WITHIN ONE THIRD THOU MAX. DIFFERENCE, THIS COUPLED WITH 'THE IERTALITE' ROLLERS BEING TURNED IN PAIRS MEANS I HAVE DONE MY BEST TO GIVE YOU AN ACCURATE PRODUCT. AN ACCURATELY

PLANED PIECE OF WOOD FIXED ALONGSIDE THE STONE IS USEFUL FOR EXTENDING THE WORKING AREA OVER WHICH THE ROLLERS CAN OPERATE. SINCE THE EARLY 1980S I HAVE BEEN MAKING A BEVEL GAUGE WHICH IS A USEFUL EXTRA TO USE WITH THIS GUIDE