
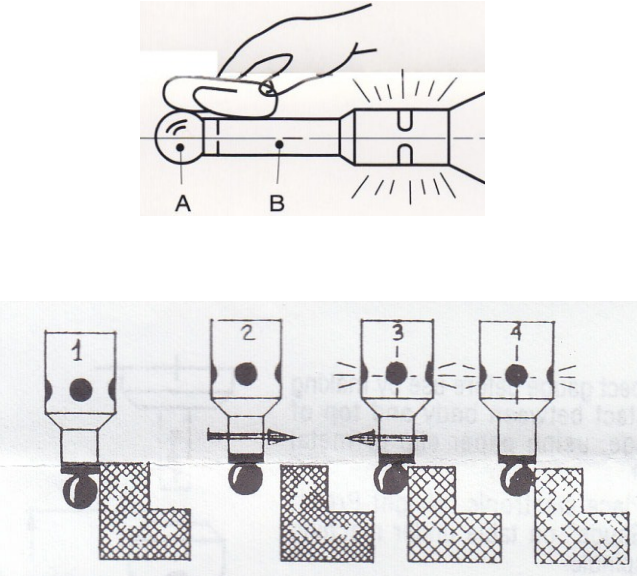
	<p>Edge Finders provide a fast and accurate method of allowing the work piece to be moved to a known position relative to the centreline of the machine spindle</p> <p>Edge Finders can only be used on conductive materials as they depend on an electrical circuit being made through the machine tool when the probe touches the work piece.</p> <p>Audio Indication: Clear continuous beep</p> <p>Visual Indication: Red LED lamp viewed via 3 annular slots placed at intervals of 120° around the body of the instrument.</p> <p>Main Body and Ball Contact manufactured from high quality tool steel, hardened to 60 HRC</p>
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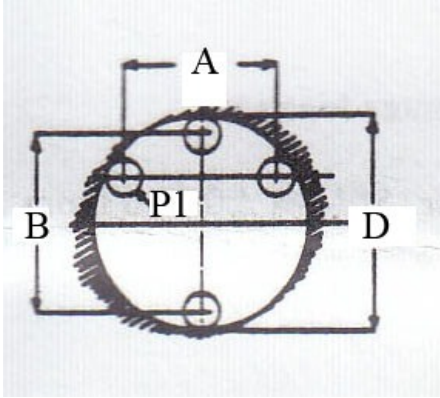
Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
AUD-EF	Audio / LED Edge Finder	354	80	45	200
AUD-BAT	Battery 23-A	7	10	10	28

	<p>Dimensions</p> <table border="1"> <thead> <tr> <th>Code</th> <th>D</th> <th>D1</th> <th>L</th> <th>L1</th> </tr> </thead> <tbody> <tr> <td>AUD-EF</td> <td>10mm</td> <td>20mm</td> <td>160mm</td> <td>40mm</td> </tr> </tbody> </table> <p>Tolerances</p> <table border="1"> <thead> <tr> <th>Code</th> <th>D</th> <th>Repeatability</th> </tr> </thead> <tbody> <tr> <td>AUD-EF</td> <td>±0.005mm</td> <td>±0.015mm</td> </tr> </tbody> </table> <p>Instrument Accuracy: T.I.R. within 0.01mm / 0.0004"</p>	Code	D	D1	L	L1	AUD-EF	10mm	20mm	160mm	40mm	Code	D	Repeatability	AUD-EF	±0.005mm	±0.015mm
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	<p>Inspect the Edge Finder before use by making contact between ball and body using a metal paper clip or steel rule</p> <ol style="list-style-type: none"> Do not place the Edge Finder's body below the surface of the work piece Ensure that the centre of the ball is approximately 1mm below the surface of the work piece Feed the work piece slowly towards the Edge Finder. When contact is made between ball and work piece the indicator lamp will illuminate. The Edge Finder has a spring loaded ball which can run out of its ceramic seat and will protect the instrument from damage due to over travel In the case of over travel, move backwards and re feed until the lamp illuminates. At this position, the work piece can be moved half the diameter of the ball to bring the centre line of the spindle in line with the edge of the work piece
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Hole Diameter Measurement & Centre Location



- 1 Move the work piece below the sensor to position 1
Feed the work piece slowly up towards the Edge Finder's spindle
When contact is made with the work piece the indicator lamp will illuminate.
- 2 The Edge Finder has a spring loaded spindle which will protect the instrument from damage due to over travel
- 3 In the case of over travel, move the work piece down and re feed until the lamp illuminates.
Set machine's DRO to zero in this position
- 4 Move Sensor to position 2 and repeat contact process
When the indicator lamp illuminates, the measurement between the two surfaces will be displayed on the DRO