

Removing Burrs

Figure 1

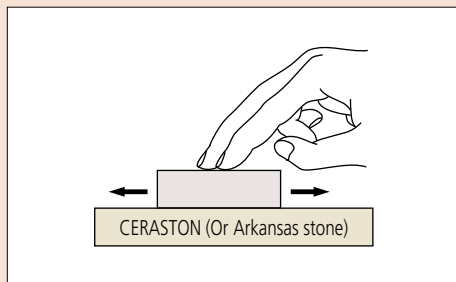
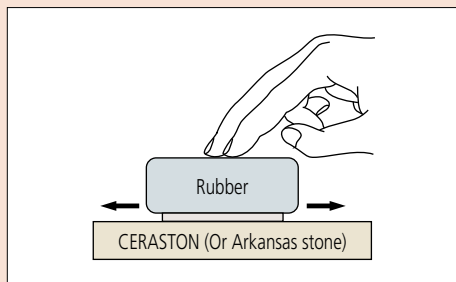


Figure 2



- (1) Wipe any dust and oil films from the gauge block and the Ceraston (or Arkansas stone) using a solvent.
- (2) Place the gauge block on the Ceraston so that the measuring face that has burrs is on the abrasive surface of the stone. While applying light pressure, move the gauge block to and fro about ten times (Fig. 1). Use a block rubber for thin gauge blocks to apply even pressure (Fig. 2).
- (3) Check the measuring face for burrs with an optical flat. If the burrs have not been removed, repeat step (2). If burrs are too large, they may not be removed with an abrasive stone. If so, discard the gauge block.

Note: The abrasive surface of a Ceraston must be made flat by lapping it from time to time. After lapping the Ceraston, the lapping powder must be completely removed from the surface to prevent the surface of the gauge block from being scratched.

Mitutoyo does not offer Arkansas stones.

Ceraston – Accessory for Gauge Block Maintenance

- Alumina-ceramic abrasive stone for removing burrs from hard materials such as ceramics that ordinary stones cannot handle.
- Can be used both for steel gauge blocks and CERA blocks.
- Excellent in the ease with which burrs can be removed and for durability compared with Arkansas stones.
- Both sides can be used.



SPECIFICATIONS

Code No.	Dimensions	Price
601644	150 (W) x 50 (D) x 20 (H) mm	£285.00
601645	100 (W) x 25 (D) x 12 (H) mm	£121.00



Application example.