

Cerastion

SERIES 516 — Accessory for Gauge Block Maintenance

- Alumina-ceramic abrasive stone for removing burrs from hard materials such as ceramics that ordinary stones cannot handle.

- The grinding stones can be used on CERA Blocks and other steel gauge blocks. They are useful for removing burrs on any precision-processed surface.
- Excellent in durability and ease of removing burrs compared to Arkansas stones.
- Both sides can be used.



601644
150 (W) x50 (D) x20 (H) mm



601645
100 (W) x25 (D) x12 (H) mm

Typical application



Removing burrs

Figure 1

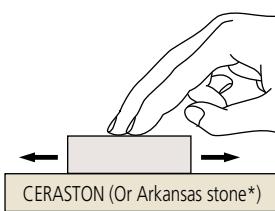
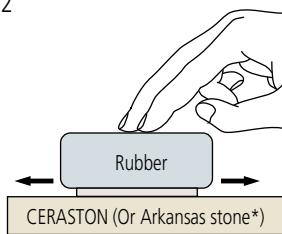


Figure 2



- (1) Wipe any dust and oil film from the gauge block and the Ceraston (or Arkansas stone*) using a solvent.
- (2) Place the gauge block on the Ceraston (or Arkansas stone*) so that the measuring face that has burrs is on the abrasive surface of the stone. While applying light pressure, move the gauge block back and forth about ten times (Fig. 1). Use a rubber block 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.

* Mitutoyo does not offer Arkansas stones.