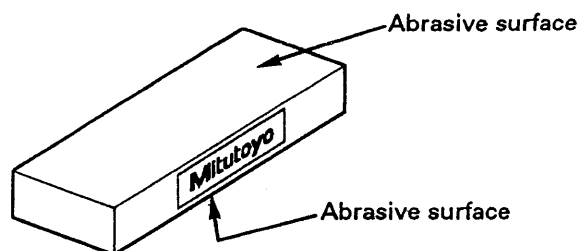


Features of the CERASTON

- The CERASTON is an alumina-ceramic grinding stone which removes burrs more effectively than Arkansas stones.
- It can be used for both steel gauge blocks and CERA Blocks.
- Two surfaces can be used.
- The CERASTON is available in two different sizes:
No. 601644 150(W) x 50(D) x 20(H)mm
No. 601645 100(W) x 25(D) x 12(H)mm

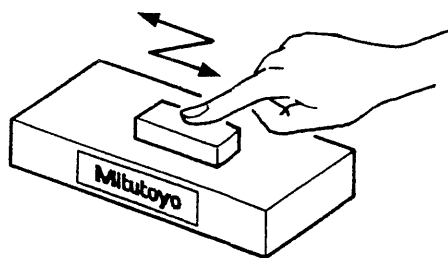


* Attach the supplied rubber pads to the face that isn't going to be used.

How to use the CERASTON

Step 1: Clean the abrasive surface of the CERASTON and the measuring face of the gauge block using a solvent.

Step 2: Place the gauge block on the CERASTON so that the measuring face is on the abrasive surface of the stone. Move the gauge block to and fro while applying light pressure with your finger.



* Minute burrs (e.g. scratches) can be removed by moving the gauge block back and forth about ten times. If there are large burrs, or when a CERA block is to be ground, apply greater pressure to the gauge block and move it to and fro as many times as required. (The size of the gauge block will not change if heavy pressure is exerted on it.)

Use an optical flat to check for burrs. If there are burrs, interference fringes will be seen through the optical flat. The interference fringes will disappear when the burrs have been removed.

Step 3: Clean the abrasive surface of the CERASTON with a solvent after burrs from five to ten gauge blocks have been removed.

Correcting the abrasive surface

- The abrasive surface of the CERASTON must be corrected after long periods of use.
 - To correct the abrasive surface, place the CERASTON on a cast iron surface plate having a high degree of flatness and lap it with wet type lapping powder (GC #2000 or equivalent). To prevent the surface of the gauge block from being scratched, smooth the lapped surface of the CERASTON by rubbing it against a carbide plate or other hard material.
- * Mitutoyo also offers a CERASTON correction service. Contact the nearest Mitutoyo sales office for further information.