

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.



601644

601645

No.	Dimensions (W x D x H)	Mass g
601645	100 x 25 x 12 mm	110
601644	150 x 50 x 20 mm	530



Removing burrs

- 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 of the stone to prevent the gauge block from being scratched. Mitutoyo does not offer Arkansas stones.

Maintenance Kit for Gauge Blocks

Series 516

- Includes all necessary maintenance tools for daily care and storage of gauge blocks.
- Supplied in a fitted wooden case for portable use.



No.	Tools and accessories included
516-650E	Ceraston (601645): Used for removing burrs on the measuring surface. Tweezers (600004): Used for handling thin gauge blocks. Blower brush (600005): Used for blowing dust off the measuring surface. Cleaning paper (600006): Used for wiping off rust preventive oil and contamination. Artificial leather mat (600007): Used as a gauge block mat. Reagent bottle (600008): Bottle of wiping solution (100 mL). Gloves (600009D)

Consumable spares

No.	Description
601645	Ceraston
600004	Tweezers
600005	Blower brush
600006	Cleaning paper
600007	Artificial leather mat
600008	Reagent bottle
600009D	Gloves