

Gauge Block & Step Gauge

Reference Standards for Calibration Laboratory



Tungsten Carbide Slip Gauges



Octagon Tungsten Carbide Slip Gauges are manufactured from specially selected grade of Carbide with hardness of 1500 Vickers. Rigid attention is paid throughout the manufacturing process for flatness, parallelism and every slip gauge is rigorously checked and calibrated in our NABL accredited laboratory.

Octagon offers long range of Tungsten Carbide Slip Gauge Sets in different Grades. Sets in Grade '00', 'K', 'O', 'I' and 'II' are manufactured as per IS : 2984, DIN : 861 & BS : 4311 for metric sizes. Sets in inch sizes are also manufactured in Reference, Calibration, Inspection & Workshop grades as per BS-888.

Features

- Slip Gauges are manufactured from specially selected grade of Carbide with hardness of 1500 Vickers.
- Sets in grade 'K', 'O', 'I' and 'II' as per ISO 3650 / IS 2984, DIN, 861 & BS
- Sets available in metric and Inch
- Dimensional Stability
- Ability to Wring
- Resistance to Corrosion
- Resistance to Wear
- Economy

| Standard Sets available are : | | | |
|-------------------------------|---------------|--------------|--------------|
| Metric Sets | | Inch Sets | |
| 1. Set of 122 | Pieces (M122) | 1. Set of 81 | Pieces (E81) |
| 2. Set of 112 | Pieces (M112) | 2. Set of 41 | Pieces (E41) |
| 3. Set of 88 | Pieces (M88) | 3. Set of 36 | Pieces (E36) |
| 4. Set of 47 | Pieces (M47) | 4. Set of 9 | Pieces (E9) |
| 5. Set of 46 | Pieces (M46) | 5. Set of 2 | Pieces (E2) |
| 6. Set of 36 | Pieces (M32) | | |
| 7. Set of 2 | Pieces (M2) | | |

Caliper Checker

Used for the calibration of Vernier Calipers and Height Gauges, Caliper Checker is designed to check accuracy of Main Scale at regular intervals through out the range, which meets the requirements of IS Standards.

The instrument is sufficiently rigid and consists of stepped slip gauges permanently fixed in inner casing. The Caliper Checker is ideal for in-house periodic calibration of measuring instruments i.e. Vernier Caliper and Height Gauge.

Features

- Caliper Checker is designed to check accuracy of various types of calipers and height gauge.
- Sufficiently rigid and consist of stepped gauge blocks permanently fixed in inner casting.



| Range in mm | Height measurement | External measurement | Internal measurement |
|-------------|--------------------|----------------------|----------------------|
| 0-300 | 370 | 300 | 300 |
| 0-600 | 670 | 600 | 600 |
| 0-1000 | 1070 | 1000 | 1000 |