

## CHECK MASTER



Range Step (mm)	Nominal (WxDxH Faces)	Dimensions Measuring from Nominal Step	Max. Deviation	Weight
0-450 mm	10 mm	478 x 66 x 86	3.5 $\mu$ m	12 Kg
0-600 mm	10 mm	628 x 66 x 86	4.5 $\mu$ m	16 Kg
0-1000 mm	10 mm	1028 x 66 x 86	6.5 $\mu$ m	25 Kg

### Accessories

#### Swivel Support Stand

- Swivel Support Stand is an optional accessory which allows to Check Master to be positioned on CMM in any direction

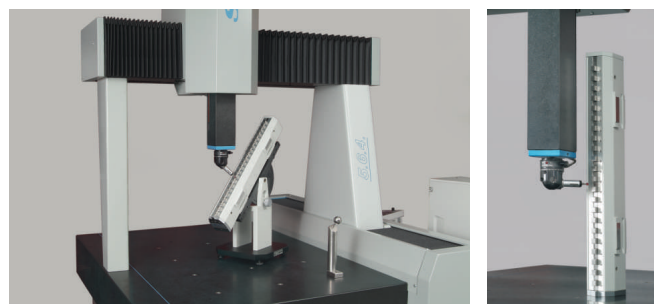


### Features

- Steel Gauge blocks are made of Alloy steel, hardened and sub-zero treated for absolute dimensional stability housed in rigid cast Iron frame
- Coefficient of thermal expansion  $11.5 \times 10^{-6}$
- Measuring faces at every 10mm step with controlled deviation from nominal length
- Resting pads at AIRY points in horizontal orientation
- Rectangular steel pads provided close to measuring face for easy referencing
- Handles are provided for easy lifting

### Application

- Used for Checking the accuracy of table movements of Machine Tools and to calibrate CMMs axis
- Step Gauge for Checking the Accuracy of Co-ordinate Measuring Machines



Step gauge for checking the accuracy of co-ordinate measuring machines.

## MICROMETER CHECK SET

### Features

- All gauge blocks are made of Alloy steel, hardened and sub-zero treated for dimensional stability and machine lapped housed in rigid housing for ease of Calibration.
- Calibration Procedure and manual provided with each instrument.
- Calibration stand is provided optionally

**Application :** Calibration of external micrometers.

#### Micrometer Calibration Set-metric

##### Metric 10 Pieces 0 to 25mm

2.50, 5.10, 7.70, 10.30, 12.90, 15.00, 17.60, 20.20, 22.80, 25.00.

##### Metric 11 Pieces 25 to 50mm

25.00, 27.50, 30.10, 32.70, 35.30, 37.90, 40.00, 42.60, 45.20, 47.80, 50.00.

##### Metric 11 Pieces 50 to 75mm

50.00, 52.50, 55.10, 57.70, 60.30, 62.90, 65.00, 67.60, 70.20, 72.80, 75.00.

##### Metric 11 Pieces 75 to 100mm

75.00, 77.50, 80.10, 82.70, 85.30, 87.90, 90.00, 92.60, 95.20, 97.80, 100.00.



Note : Stand optional on request.