

Gauge Block, Calibrated CTE, ISO

Item number: 611802-01B

Images



Description

These are metric gauge blocks with a calibrated coefficient of thermal expansion. They offer you the following benefits:

- Mitutoyo offers top-level gauge blocks (steel and ceramic) which are superior to K class blocks, with their quality supported by Mitutoyo's best technologies.
- They feature an accurately calibrated thermal expansion coefficient measured with a proprietary double-faced interferometer (DFI).
- Each gauge block is calibrated for length on a highly accurate gauge block interferometer (GBI) system.
- Uncertainty of thermal expansion coefficient: $0.035 \times 10^{-6} / \text{K}$ ($k=2$).
- Uncertainty of length measurement: 30 nm ($k=2$), for 100mm blocks.

Features

Inch-Metric:	Metric
Length [mm]:	125
Type of Certificate:	JCSS certificate

Delivered:	In a wooden case with JCSS calibration certificate (length) and calibration certificate (for CTE)
Accuracy:	EN ISO 3650
Grade:	K
Material:	Steel
Mass:	306 g