

# Gauge Block, Calibrated CTE, ISO

Item number: 611805-01B

## 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:  $0.035 \times 10^{-6} /K$  ( $k=2$ ).
- Uncertainty of length measurement: 30 nm ( $k=2$ ), for 100mm blocks.

## Features

<b>Inch-Metric:</b>	Metric
<b>Length [mm]:</b>	250
<b>Type of Certificate:</b>	JCSS certificate

<b>Delivered:</b>	In a wooden case with JCSS calibration certificate (length) and calibration certificate (for CTE)
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<b>Accuracy:</b>	EN ISO 3650
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<b>Grade:</b>	K
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<b>Material:</b>	Steel
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<b>Mass:</b>	613 g
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