

Precision Gauge Blocks for Metrology

Precision gauge blocks provide accurate length standards for calibration and inspection in dimensional metrology. Manufactured to exacting tolerances, these blocks are used for setting up machine tools, calibrating measuring instruments, and verifying manufactured part accuracy.



Overview

Precision Dimensional Metrology

Precision gauge blocks serve as the fundamental length standards required for critical dimensional metrology, calibration, and inspection tasks. These high-precision tools are engineered to meet exacting tolerances, ensuring reliable accuracy when setting up machine tools or verifying manufactured parts. Constructed from durable hardened steel or ceramic materials, they provide consistent performance across a wide range of industrial measurement applications.

Technical Specifications

Primary Applications

- Dimensional metrology calibration
- Machine tool setup
- Measuring instrument calibration
- Verification of manufactured parts

Precision Standard

High Precision • Exacting Tolerances

Material Options

Hardened Steel, Ceramic