

Steel Individual Inch Gauge Block 0.01"

Item number: 614310

Images



Mitutoyo Certificate number: TMS020000 page 1 of 1


CERTIFICATE OF INSPECTION

Instrument: Gauge Block
Grade: G (G10)

Date of inspection: 18th May, 2006 Unit: in, inch

Block	Ident. No.	Central Deviation	Maximum Deviation	Minimum Deviation	Variation
1	06280	-0.4	+1.2	-0.4	1.6

ENVIRONMENT: Air temperature: 68 ± 1.0°F (20 ± 1.0°C)
 BASE OF REST: 6061 ALUMINUM
 MATERIAL: Steel
 INSPECTION METHOD: by comparison
 COEFFICIENT OF THERMAL EXPANSION: 61.8 x 10⁻⁶ / °F (111.8 x 10⁻⁶ / °C) (10.8 x 10⁻⁶ / °F) (19.4 x 10⁻⁶ / °C)
 EXTENDED UNCERTAINTY: ± 0.0001 inch (± 0.0025 mm) (Reference length: 1 inch)
 PER GAUGE SURFACES: 100% (1.2 x 1.1 / 1.2) at each face
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000
 TRACEABILITY: Traceable to NIST 481/2000A-02 (2000/2001) (National Institute of Standards and Technology)

Date: 18th May, 2006


F-0110
 0.0001 inch
 0.0025 mm
 0.0001 inch

