

Steel Individual Inch Gauge Block 0.1004"

Item number: 614124

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-T6 ALUMINUM

MATERIAL: Steel

INSPECTION METHOD: by comparison

Coefficient of Thermal Expansion: 61.8 x 10⁻⁶ /°F (110.8 x 10⁻⁶ /°C) (Al, Fe, S, Si) x 10⁻⁶/°C

GRINDING UNCERTAINTY: 0.0001 inch for sizes 1.6 in and below (0.0025 mm)

Per Gauge Dimension: 0.1004 in (2.54 mm)

QUALITY SYSTEM: ISO 9001 Registered Firm - 601-903000

TRACEABILITY: Traceable to NIST No. 601-2000A-02 (2000 Series Institute of Standards and Technology)

Date: 18th May, 2006

S. S. S.

