

Steel Individual Inch Gauge Block 0.149"

Item number: 614189

Images



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CERTIFICATE OF INSPECTION

Instrument: Gauge Block
Grade: G (G18)

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 TEST: 6062 ALUMINUM
 MATERIAL: Steel
 INSPECTION METHOD: by comparator
 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 in (0.0025 mm) (0.001 in) (0.025 mm) (0.001 in) (0.025 mm) (0.001 in) (0.025 mm)
 PER GAUGE DIMENSION: 0.149 in (3.7876 mm) (0.149 in) (3.7876 mm) (0.149 in) (3.7876 mm)
 QUALITY SYSTEM: ISO 9001 Registered Firm - 60-300300
 TRACEABILITY: Traceable to NIST 601/2000A-02 (2000/2000A-02) (International of Standards and Technical)

Date: 18th May, 2006

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F-0110
 0.149 in (3.7876 mm)
 0.148 in (3.7620 mm)
 0.147 in (3.7364 mm)
 0.146 in (3.7108 mm)
 0.145 in (3.6852 mm)

