

Steel Individual Inch Gauge Block 0.148"

Item number: 614188

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 REST: 6061-T6 ALUMINUM
 MATERIAL: Steel
 INSPECTION METHOD: by comparison
 COEFFICIENT OF THERMAL EXPANSION: 61.8 × 10⁻⁶ /°F (110.8 × 10⁻⁶ /°C) (10.8 × 10⁻⁶ /°C) (10.8 × 10⁻⁶ /°C)
 EXTENDED UNCERTAINTY: ± 0.0001 in (0.0025 mm) (0.0025 mm) (0.0025 mm) (0.0025 mm)
 PER GAUGE SURFACE: 0.2 μm (0.2 μm) (0.2 μm) (0.2 μm) (0.2 μm)
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9001:2000
 TRACEABILITY: Traceable to NIST 485 (SRM 485) and International Prototype of the Meter (IPM)

Date: 18th May, 2006

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