

Steel Individual Inch Gauge Block 0.138"

Item number: 614178

Images



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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) (± 0.0001 inch) (± 0.0025 mm)
 PER GAUGE DIMENSION: 0.138" (0.138" ± 1.0 / 1.0) ± 1.0 inch (0.0025 mm)
 QUALITY SYSTEM: ISO 9001 Registered Firm - 601-900000
 TRACEABILITY: Traceable to NIST 601-900000-01 (2007 Edition) (Institute of Standards and Technology)

Date: 18th May, 2006

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