

Steel Individual Inch Gauge Block 0.1007"

Item number: 614127

Images



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CERTIFICATE OF INSPECTION

Instrument: Gauge Block
 Grade: G (G100)

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: 6061-T6 ALUMINUM
 MATERIAL: Steel
 INSPECTION METHOD: by comparator
 COEFFICIENT OF THERMAL EXPANSION: 61.8 x 10⁻⁶ in/in-°F (110.8 x 10⁻⁶ in/in-°C)
 EXTENDED UNCERTAINTY: ± 0.0001 in (± 0.0025 mm) @ 95% Confidence Interval
 For Gauge Dimension: up to 0.125" (3.175 mm) ± 0.0001 in (± 0.0025 mm)
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000
 TRACEABILITY: Reported in NIST No. 800-20000-02 (2000) (National Institute of Standards and Technology)

Date: 18th May, 2006


F-0110
 0.1007 inch
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 0.1007 inch

