

Steel Individual Inch Gauge Block 0.021"

Item number: 614321

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	06200	-0.4	+1.2	-0.4	1.6

ENVIRONMENT: Air temperature: $68 \pm 1.0^\circ\text{F}$ ($20 \pm 1.0^\circ\text{C}$)
 BASE OF REST: 6061 ALUMINUM
 MATERIAL: Steel
 INSPECTION METHOD: by comparison
 COEFFICIENT OF THERMAL EXPANSION: 61.8×10^{-6} in/in/°F (11.0×10^{-6} in/in/°C) @ 68°F
 EXTENDED UNCERTAINTY: ± 0.0001 in for 0.021 in block @ 95% Confidence Interval
 Per Gauge Dimension: ± 0.0001 in, ± 0.0001 in, ± 0.0001 in, ± 0.0001 in
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000
 TRACEABILITY: Reported in NIST No. 607-2000-02 (2000 Edition) Institute of Standards and Technology

Date: 18th May, 2006

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