

Steel Individual Inch Gauge Block 20"

Item number: 614225

Images



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CERTIFICATE OF INSPECTION

Instrument: Gauge Block
Grade: G (GMS)

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: $68 \pm 1.0^\circ\text{F}$ ($20 \pm 1.0^\circ\text{C}$)
 BASE OF TEST: 500, 900, 1.5, 9-2000
 MATERIAL: Steel
 INSPECTION METHOD: by comparator
 COEFFICIENT OF THERMAL EXPANSION: 61.8×10^{-6} in/in/°F (11.6×10^{-6} in/in/°C) $\times 10^{-6}/^\circ\text{C}$
 EXTENDED UNCERTAINTY: ± 0.0001 in for Size 1.6 in inch (Reference length: 1 inch)
 Per Gauge Dimension: ± 0.0001 in, ± 0.0001 in, ± 0.0001 in, ± 0.0001 in
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000
 TRACEABILITY: Referable to NIST No. 607/2000A-02 (2000 version) Institute of Standards and Technology

Date: 18th May, 2006

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