

Steel Individual Inch Gauge Block 8"

Item number: 614208

Images



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CERTIFICATE OF INSPECTION

Instrument: Gauge Block
Grade: G (G6)

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: NIMB 986.1.9-2002
 MATERIAL: Steel
 INSPECTION METHOD: by comparison
 COEFFICIENT OF THERMAL EXPANSION: $61.8 \times 10^{-6} \text{ in/in/}^\circ\text{F}$ ($110.8 \times 10^{-6} \text{ in/in/}^\circ\text{C}$)
 EXTENDED UNCERTAINTY: $\pm 0.0001 \text{ in}$ (at 95% confidence level)
 PER GAUGE DIMENSION: $\pm 0.0001 \text{ in}$ (at 95% confidence level)
 QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN
 TRACEABILITY: Reported in NIST No. 807-2000-02 (2002 edition) Institute of Standards and Technology

Date: 18th May, 2006

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