

Steel Individual Inch Gauge Block 0.145"

Item number: 614185

Images



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CERTIFICATE OF INSPECTION

Instrument: Gauge Block
Grade: G (G18)

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: NIST 98B.1.4-2002
 MATERIAL: Steel
 INSPECTION METHOD: by comparison
 COEFFICIENT OF THERMAL EXPANSION: 61.8×10^{-6} (Al, Fe, Ni, Ti) 10.8×10^{-6} (Cu, Zn, Sn, Pb) 18.8×10^{-6} (In, Sn, Bi, Cd, Hg, Ag, Au)
 EXTENDED UNCERTAINTY U for Size: 1.4 in, inch
 For Gauge Dimension: $\pm 1.0^\circ$ (1.2 x 1.1 / 1.3) in, inch
 95%

QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN
 TRACEABILITY: Reported in NIST No. 800-2000A-02
 (2000) National Institute of Standards and Technology

Date: 18th May, 2006

F-01101
 0.145 inch
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