

# Steel Individual Inch Gauge Block 0.6"

Item number: 614196

## 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 ± 1.0°F (20 ± 1.0°C)  
 BASE OF REST: 6061 ALUMINUM  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION: 61.8 × 10<sup>-6</sup> / °F (110.8 × 10<sup>-6</sup> / °C) (10.8 × 10<sup>-6</sup> / °F) (19.4 × 10<sup>-6</sup> / °C)  
 EXTENDED UNCERTAINTY: ± 0.0001 in, ± 0.0025 mm (k=2)  
 PER GAUGE SURFACE: ± 0.0001 in, ± 0.0025 mm (k=2)  
 QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN  
 TRACEABILITY: Reported in NIST No. 800-290004-02  
 (2003/2004 Institute of Standards and Technology)

Date: 18th May, 2006

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