

# Steel Individual Inch Gauge Block 0.107"

Item number: 614147

## 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	06280	-0.4	+1.2	-0.4	1.6

ENVIRONMENT: Air temperature: 68 ± 1.0°F (20 ± 1.0°C)  
 BASE OF REST: 6061-T6 ALUMINUM  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION: 61.8 x 10<sup>-6</sup> /°F (110.8 x 10<sup>-6</sup> /°C) (10.8 x 10<sup>-6</sup> /°C) (19.4 x 10<sup>-6</sup> /°C)  
 EXTENDED UNCERTAINTY U<sub>95</sub> for Size: 0.4 in, inch (k=2) (k=2)  
 For Gauge Dimension: up to 0.125" (0.2 x 1.1 / 1.1) in, inch (k=2)  
 QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN  
 TRACEABILITY: Reported in NIST No. 800-20000-02 (2000) (National Institute of Standards and Technology)

Date: 18th May, 2006

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F-01101  
 0.107 inch  
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