

# Steel Individual Inch Gauge Block 0.121"

Item number: 614161

## 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 TEST: 6061 ALUMINUM  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION: 61.8 x 10<sup>-6</sup> / °F (111.8 x 10<sup>-6</sup> / °C) (10.8 x 10<sup>-6</sup> / °F) (19.4 x 10<sup>-6</sup> / °C)  
 EXTENDED UNCERTAINTY: ± 0.0001 inch (± 0.0025 mm) (k=2)  
 PER GAUGE DIMENSION: 0.121 inch (± 0.0001 inch)  
 QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN  
 TRACEABILITY: Traceable to NIST 601/2000A-02 (2000/2001a) (National Institute of Standards and Technology)

Date: 18th May, 2006

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