

## Steel Individual Inch Gauge Block 0.12"

Item number: 614160

### Images



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### CERTIFICATE OF INSPECTION

Instrument: Gauge Block  
Grade: G (G1)

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: 1000, 100.1, 10000  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION:  $61.8 \times 10^{-6}$  in/in/°F ( $11.8 \times 10^{-6}$  in/in/°C)  $10.8 \times 10^{-6}$  in/in/°F ( $6.0 \times 10^{-6}$  in/in/°C)  $10.8 \times 10^{-6}$  in/in/°F ( $6.0 \times 10^{-6}$  in/in/°C)  
 EXTENDED UNCERTAINTY:  $\pm 0.0001$  in for Size 1.6 in inch (Reference length: 1 inch)  
 Per Gauge Dimension:  $\pm 0.0001$  in ( $\pm 0.001$  mm) at each side  
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000  
 TRACEABILITY: Traceable to NIST 1013/1013A-01 (2007 edition, Institute of Standards and Technology)

Date: 18th May, 2006

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F-01101  
 1. Mitutoyo Co., Ltd.  
 2. Mitutoyo (U.S.A.) Inc.  
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