

## Steel Individual Inch Gauge Block 0.4"

Item number: 614194

### Images



Mitutoyo Certificate number: TMS020000 page 1 of 1

### 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 × 10<sup>-6</sup> in/in-°F (110.8 × 10<sup>-6</sup> m/m-°C)  
 EXTENDED UNCERTAINTY: ± 0.0001 in (± 0.0025 mm) (k=2)  
 PER GAUGE SURFACE: 100 μm (1.0 μm) (1.0 μm) (1.0 μm) (1.0 μm) (1.0 μm)  
 QUALITY SYSTEM: ISO 9001 Registered Firm - ISO 9000  
 TRACEABILITY: Traceable to NIST 601/2000A-02 (2000/2000A-02 International and Technical)

Date: 18th May, 2006  
  
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 1 Block

