

## Steel Individual Inch Gauge Block 0.109375 (7/64)"

Item number: 614306

### 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 x 10<sup>-6</sup> / °F (110.8 x 10<sup>-6</sup> / °C) (Al, Fe, Si) x 10<sup>-6</sup> / °C

GRINDING UNCERTAINTY: 0.0001 inch (0.0025 mm) (Aluminum Inerted) 1:inch

Per Gauge Dimension: 0.109375 ± 0.0001 inch

QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MICHIGAN

TRACEABILITY: Reported in NIST No. 800-20004-02 (2000 Edition) Institute of Standards and Technology

Date: 18th May, 2006

*S. S. S. S.*

F-411 (G) 0.109375 inch

