

# Steel Individual Inch Gauge Block 0.141"

Item number: 614181

## Images



Mitutoyo Certificate number: TMS020000 page 1 of 1

### CERTIFICATE OF INSPECTION

Instrument: Gauge Block  
Grade: G (G18)

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 REST: 6061-T6 ALUMINUM  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION:  $61.8 \times 10^{-6} / ^\circ\text{F}$  ( $110.8 \times 10^{-6} / ^\circ\text{C}$ )  
 EXTENDED UNCERTAINTY:  $\pm 0.0001$  in,  $\pm 0.0025$  mm (k=2)  
 PER GAUGE DIMENSION:  $\pm 0.0001$  in,  $\pm 0.0025$  mm (k=2)  
 QUALITY SYSTEM: ISO 9001 Registered Firm - 60-300000  
 TRACEABILITY: Traceable to NIST 601/2000A-02  
 (2000/2001a) Institute of Standards and Technology

Date: 18th May, 2006

*S. S. S. S.*

F-0110

