

# Steel Individual Inch Gauge Block 0.08"

Item number: 614108

## Images



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### CERTIFICATE OF INSPECTION

Instrument: Gauge Block  
Grade: G (GMS)

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: 606 988.1, 9-2002  
 MATERIAL: Steel  
 INSPECTION METHOD: by comparison  
 COEFFICIENT OF THERMAL EXPANSION:  $61.8 \times 10^{-6} \text{ in/in/}^\circ\text{F}$  ( $110.8 \times 10^{-6} \text{ in/in/}^\circ\text{C}$ )  
 EXTENDED UNCERTAINTY:  $\pm 0.0001 \text{ in}$  for Size 0.1 in, 0.125 in, 0.150 in, 0.175 in  
 Per Gauge Dimension:  $\pm 0.0001 \text{ in}$  (0.2 x 1 / 1.0 in) at each end  
 QUALITY SYSTEM: ISO 9001 Registered Firm - GB, MITSUBISHI  
 TRACEABILITY: Reported in NIST No. 607-2000-02  
 (2007 Edition, Institute of Standards and Technology)

Date: 18th May, 2006

F-01101  
 0.08" 2.032mm  
 0.100" 2.540mm  
 0.125" 3.175mm  
 0.150" 3.810mm  
 0.175" 4.445mm

