

# Bore Gauges

## SERIES 511 – Small Hole Bore Gauge

- The interchangeable anvils used on this gauge are made of high-grade tool steel.
- Interchangeable washers 0.5 mm thick are supplied as standard accessories to enable setting the 10 - 18.5 mm / .4 - .74" models in small steps.
- The dial indicator is fully protected by a rugged cover.
- An optional inside-length standard, such as a setting ring or Inside Micro Checker (see pages C-37 to C-38 or page C-24, respectively), is required for accurately setting the gauge before measurement.



511-203



511-211

### Technical Data

Accuracy: 5  $\mu\text{m}$  / .0002"  
 Repeatability: 2  $\mu\text{m}$  / .00008"  
 Narrow-range accuracy: 2  $\mu\text{m}$  / .00008"



A heatshield prevents accuracy degradation due to hand heat during prolonged use.

### Specifications

#### Metric

Code No.	Range	Measuring force	Content of set			Probing depth
			Bore gauge	Dial indicator	Anvils	
Graduation 0.001 mm						
511-210	6 - 10 mm	2 N or less	511-209	2109SB-10	9 pcs.	50 mm
511-203	10 - 18.5 mm		511-201			100 mm
Graduation 0.01 mm						
511-211	6 - 10 mm	2 N or less	511-209	2046SB	9 pcs.	50 mm
511-204	10 - 18.5 mm		511-201			100 mm

#### Inch

Code No.	Range	Measuring force	Content of set			Probing depth
			Bore gauge	Dial indicator	Anvils	
Graduation .0001"						
511-212	.24 - .4"	2 N or less	511-214	2923SB-10	9 pcs.	2"
511-206	.4 - .74"		511-205			4"
Graduation .0005"						
511-213	.24 - .4"	2 N or less	511-214	2922SB	9 pcs.	2"
511-207	.4 - .74"		511-205			4"