

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.



Technical Data

Accuracy:	5 µm / .0002"
Repeatability:	2 µm / .00008"
Narrow-range accuracy:	2 µm / .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	2109AB-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	2046AB	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	2923AB-10	9 pcs.	2"	
511-206	.4 - .74"		511-205			4"	
Graduation .0005"							
511-213	.24 - .4"	2 N or less	511-214	2922AB	9 pcs.	2"	
511-207	.4 - .74"		511-205			4"	