

Bore Gauges

SERIES 511 – Bore Gauge

- Now offers a longer plunger stroke while maintaining original accuracy.
- Carbide is used for the contact point ensuring high durability and wear resistance.
- This model reduces the influence of heat from the operator's hand by 50% by increasing the grip size and making the grip hollow-structured, thereby retaining high-accuracy measurement.
- Interchangeable washers 0.5 mm thick are supplied as standard accessories to enable setting in small steps.
- Optional extension rods can be attached for measuring deep holes (see page C-35).
- 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.



511-723



511-712

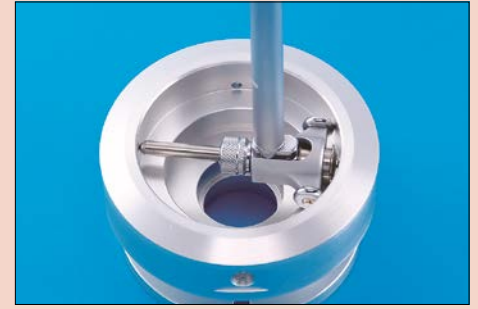
Specifications

Metric

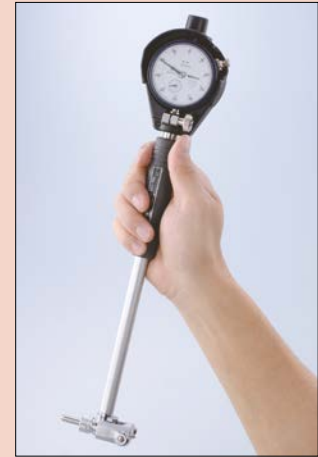
Code No.	Range	Measuring force	Content of set			Probing depth
			Bore gauge	Dial indicator	Anvils	
Graduation 0.001 mm						
511-721	18 - 35 mm	4 N or less	511-701	2109SB-10	9 pcs.	100 mm
511-722	35 - 60 mm		511-702		6 pcs.	150 mm
511-723	50 - 150 mm	5 N or less	511-703		11 pcs.	
511-724	100 - 160 mm		511-704		13 pcs.	
511-725	160 - 250 mm	6 N or less	511-705		6 pcs.	250 mm
511-726	250 - 400 mm		511-706		5 pcs.	
Graduation 0.01 mm						
511-711	18 - 35 mm	4 N or less	511-701	2046SB	9 pcs.	100 mm
511-712	35 - 60 mm		511-702		6 pcs.	150 mm
511-713	50 - 150 mm	5 N or less	511-703		11 pcs.	
511-714	100 - 160 mm		511-704		13 pcs.	
511-715	160 - 250 mm	6 N or less	511-705		6 pcs.	250 mm
511-716	250 - 400 mm		511-706		5 pcs.	
Bore gauge sets						
Code No.	Range	Bore gauge	Dial indicator			
511-921	18 - 150 mm	511-701	2046SB			
511-922		511-702	2109SB-10			
511-925-10		511-703	543-310B			

Technical Data

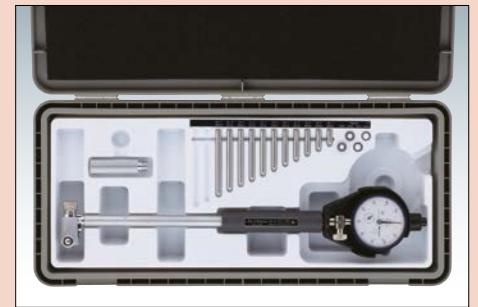
Accuracy: 2 μm / .00008"
 Repeatability: 0.5 μm / .00002"
 Narrow-range accuracy: 1 μm / .00004"



The powerful self-centering action ensures accuracy.



New grip improves accuracy during prolonged use.



511-713



511-921