

Bore Gauges

SERIES 511 – Blind Hole Bore Gauge



511-425

511-437

- Flat-bottomed head design enables measurement right down to the bottom of blind holes or bores.
- Carbide-tipped contact point for durability.
- Extension rods (optional) can be attached for measuring deep holes (see page C-35).
- Wide measuring range with sub-anvils.
- 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.

Specifications

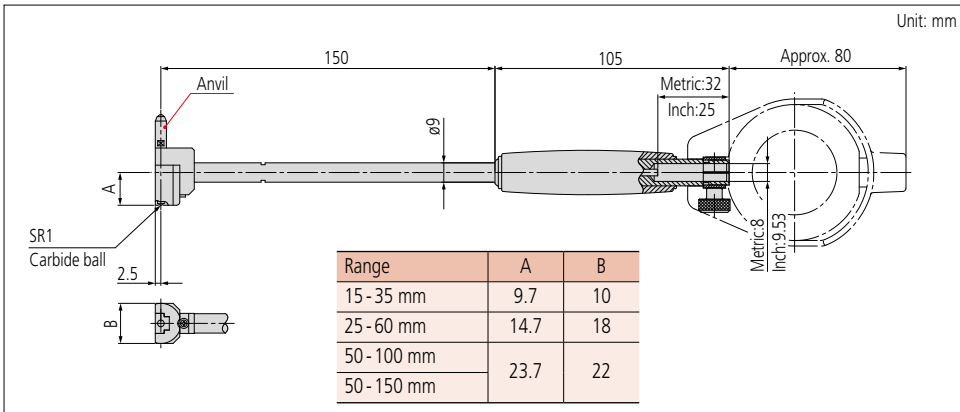
Metric

Code No.	Range	Measuring force	Content of set			Probing depth
			Bore gauge	Dial indicator	Anvils	
Graduation 0.001 mm						
511-435	15 - 35 mm	4 N or less	511-415	2109SB-10	11 pcs.	150 mm
511-436	35 - 60 mm		511-416		6 pcs.	
511-437	50 - 150 mm	5 N or less	511-417		11 pcs.	
Graduation 0.01 mm						
511-425	15 - 35 mm	4 N or less	511-415	2046SB	11 pcs.	150 mm
511-426	35 - 60 mm		511-416		6 pcs.	
511-427	50 - 150 mm	5 N or less	511-417		11 pcs.	

Inch

Code No.	Range	Measuring force	Content of set			Probing depth
			Bore gauge	Dial indicator	Anvils	
Graduation .0001"						
511-438	.6 - 1.4"	4 N or less	511-418	2923SB-10	11 pcs.	6"
511-439	1.4 - 2.4"		511-419		6 pcs.	
511-440	2.0 - 6.0"	5 N or less	511-420		11 pcs.	
Graduation .0005"						
511-428	.6 - 1.4"	4 N or less	511-418	2922SB	11 pcs.	6"
511-429	1.4 - 2.4"		511-419		6 pcs.	
511-430	2.0 - 6.0"	5 N or less	511-420		11 pcs.	

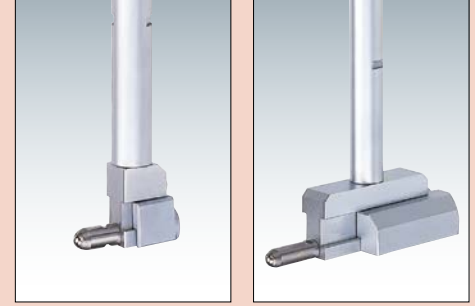
Dimensions



Technical Data

Accuracy: 5 μ m / .0002"
 Repeatability: 2 μ m / .00008"
 Narrow-range accuracy: 2 μ m / .00008"

Contact Points



15 - 35 mm / .6 - 1.4"

50 - 100 mm / 2 - 4",
50 - 150 mm / 2 - 6"



The powerful self-centering action ensures accuracy.



511-426

