

Bore Gages

SERIES 511

Mitutoyo offers a complete selection of Bore Gages, all of them with interchangeable anvils and necessary accessories to perform close tolerance ID measurements.



511-173

FEATURES

- Most popular Bore Gages.
- Carbide-tipped contact points for durability.
- The dial indicator is fully protected by a rugged cover.
- Optional extension rods can be attached for measuring deep holes.
- Economy Bore Gage Sets are also available.

Technical Data

Accuracy: 5µm
Repeatability: 2µm
Graduation: 0.01mm, 0.001mm, .0005 or .0001"

Optional Accessory

- 953549:** 125mm Extension rod for 18-35mm (.7"-1.4") models
953552: 125mm Extension rod for 35-160mm (1.4"-6.5") models
953557: 125mm Extension rod for 160-400mm (6.5"-16") models
953550: 250mm Extension rod for 18-35mm (.7"-1.4") models
953553: 250mm Extension rod for 35-160mm (1.4"-6.5") models
952361: 250mm Extension rod for 160-400mm (6.5"-16") models
953551: 500mm Extension rod for 18-35mm (.7"-1.4") models
953554: 500mm Extension rod for 35-160mm (1.4"-6.5") models
953558: 500mm Extension rod for 160-400mm (6.5"-16") models
953555: 750mm Extension rod for 35-160mm (1.4"-6.5") models
953559: 750mm Extension rod for 160-400mm (6.5"-16") models
953556: 1000mm Extension rod for 35-160mm (1.4"-6.5") models
953560: 1000mm Extension rod for 160-400mm (6.5"-16") models

SPECIFICATIONS

Metric Individual		
Range	Order No.	Probe depth
18 - 35mm	511-167	100mm
35 - 60mm	511-168	150mm
50 - 100mm	511-169	150mm
50 - 150mm	511-170	150mm
100 - 160mm	511-178	150mm
160 - 250mm	511-179	250mm
250 - 400mm	511-180	250mm
18 - 35mm	511-171	100mm
35 - 60mm	511-172	150mm
50 - 100mm	511-173	150mm
50 - 150mm	511-174	150mm
100 - 160mm	511-175	150mm
160 - 250mm	511-176	250mm
250 - 400mm	511-177	250mm

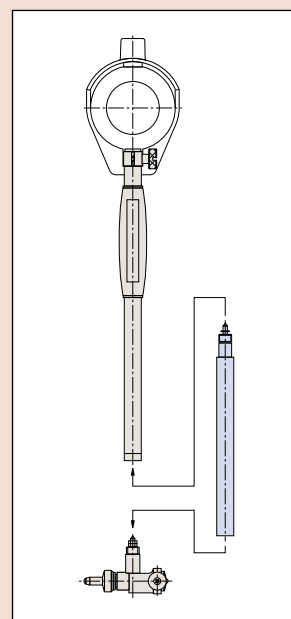
Inch Individual		
Range	Order No.	Probe depth
.7" - 1.4"	511-163	4"
1.4" - 2.5"	511-164	6"
2" - 4"	511-165	6"
2" - 6"	511-166	6"
4" - 6.5"	511-187	6"
6.5" - 10"	511-188	10"
10" - 16"	511-189	10"
.7" - 1.4"	511-159	4"
1.4" - 2.5"	511-160	6"
2" - 4"	511-161	6"
2" - 6"	511-162	6"
4" - 6.5"	511-184	6"
6.5" - 10"	511-185	10"
10" - 16"	511-186	10"

Metric Bore Gage Sets		
Range	Order No.	Number of probes
18 - 150mm	511-902	3
18 - 150mm	511-901	3

Inch Bore Gage Sets		
Range	Order No.	Number of probes
.7" - 6"	511-912	3
.7" - 6"	511-911	3

0.001mm graduation (w/ 2109SB-10) 0.01mm graduation (w/ 2046SB)

.0001" graduation (w/ 2923SB-10) .0005" graduation (w/ 2922SB)



Setting ring (See page 122.)