

Cylinder Bore Gages



Features:

- Available in inch and metric, ranging from 1/2"–24" /12.5mm–600mm.
- Choice of .0001", .0005", .002mm or .01mm graduations.
- Fast, simple checking of bores for size, ovality, taper, etc.
- Lightweight housing for extra strength and protection.
- Thermally insulated for extra stability.
- Tungsten carbide contact points.
- Specials available for measurement of deep bores.
- Extensions up to 2 meters available on some models.

Deluxe Cylinder Bore Gages

Fowler/Bowers Cylinder Bore Gages have been built on the Bowers' reputation for quality...a fast, accurate method for checking bores. Originally designed for engine rebore use, these bore gages have since been developed into a universal, wide range, two point internal measuring system suitable for many applications.

An improved mechanical system increases its strength and wear resistance. All contact points are tungsten carbide. Robust, easy to

use and suitable for most environments and applications.

Set the gage with a setting ring or micrometer by rotating the dial face to zero. During measurement, the gage is inserted into the bore at an angle and then rocked slowly to enable a reading to be taken. A spring loaded centralizing foot ensures that the gage remains on center during measuring operation when the minimum reading gives the bore size.

Order No.	Range	Dial Reading	Grad.	Bore Depth
Inch Series:				
52-548-002	.500"—.875"	.0005"	0—25—0	6"
52-548-012	.500"—.875"	.0001"	0—50—0	6"
52-548-004	.875"—2"	.0005"	0—25—0	6"
52-548-014	.875"—2"	.0001"	0—50—0	6"
52-548-006	2—6"	.0005"	0—25—0	10"
52-548-016	2—6"	.0001"	0—50—0	10"
52-548-008	6—12"	.0005"	0—25—0	15"
52-548-018	6—12"	.0001"	0—50—0	15"
52-548-010	6—24"	.0005"	0—25—0	15"
52-548-020	6—24"	.0001"	0—50—0	15"
Metric Series:				
52-548-003	12.5—22mm	.01mm	0—50—0	150mm
52-548-013	12.5—22mm	.002mm	0—10—0	150mm
52-548-005	22—50mm	.01mm	0—50—0	150mm
52-548-015	22—50mm	.002mm	0—10—0	150mm
52-548-007	50—150mm	.01mm	0—50—0	250mm
52-548-017	50—150mm	.002mm	0—10—0	250mm
52-548-009	150—300mm	.01mm	0—50—0	380mm
52-548-019	150—300mm	.002mm	0—50—0	380mm
52-548-011	150—600mm	.01mm	0—50—0	380mm

Digital Cylinder Bore Gages

Fowler/Bowers Digital Cylinder Bore Gages are a new innovation in bore diameter measurement. One gage covers four different mechanical dial gage options: .0005"/.001mm, .0005"/.01mm.

The display can be set to function on either inch or metric with switchable resolution, depending on the workpiece tolerance. With programmable preset on "min value", once the gage has been set with a single button press after a sweep of the gage, the component bore size can be read from the display.

All size values can be downloaded to a printer for hard copy record or to an SPC station for process control.

- Displays actual bore diameter or comparative results (Min memory Hold)
- Inch/metric conversion
- Switchable resolution .00005"/.001mm, .0005"/.01mm
- RS232 output for SPC or printer
- Fast simple checking for bores—size, ovality, taper, etc.
- Lightweight ABS gage shroud for extra strength and protection
- Tungsten carbide contact points
- Thermally insulated for extra stability
- Robust construction for shop floor use
- 2-point measuring with 3-point centering.

Longer or shorter lengths are available. Prices quoted upon request.



Order Number	Range	Bore Depth
54-549-002	.500"—.875" (12.5—22mm)	6" (150mm)
54-549-004	.875"—2" (22—50mm)	6" (150mm)
54-549-006	2—6" (50—150mm)	10" (250mm)
54-549-008	6—12" (150—300mm)	15" (380mm)
54-549-010	6—24" (150—600mm)	15" (380mm)
54-115-333	Computer connect kit	