

Standard Dial Bore Gages

Centralizing Plunger Type - Style 1

- Dial indicator graduations.
Inch - .0001"
Metric - 0.002 mm
- Each model furnished in a protective case with all extensions and adapters.
- Positive Centralization.
Centralizing Plungers automatically locate the gaging contacts centrally on the bore diameter even when the gage is inserted at an angle.
Available in sizes 0 thru 6.



Gage Size 0



Gage Size 1



Gage Size 2



Gage Size 3



Gage Size 4

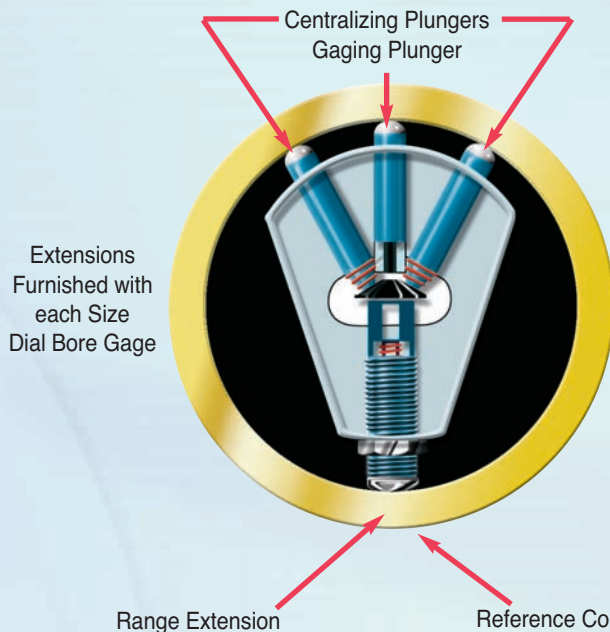


Gage Size 5



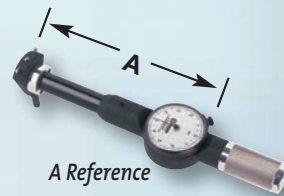
Gage Size 6

Internal Micrometers



Positive Centralization

Centralizing Plungers automatically locate the gaging contacts centrally on the bore diameter even when the gage is inserted at an angle.



No. in	EDP	Gage Size	Gaging Depth "A" (in)	Application Range		Gaging Depth "A" (mm)	No. mm	EDP
				in	mm			
B1-12100	32497	0	2.5	.37 - .63	9.5 - 16.0	64	B1-18100	32863
B1-12101	32499	1	2.5	.63 - 1.00	16.0 - 25.5	64	B1-18101	32864
B1-12102	32501	2	2.5	1.00 - 1.53	25.5 - 39.0	64	B1-18102	32865
B1-12103	32516	3	4.0	1.50 - 2.16	38.0 - 55.0	102	B1-18103	32870
B1-12104	32531	4	5.0	2.12 - 3.13	54.0 - 79.5	127	B1-18104	32877
B1-12105	32545	5	6.0	3.09 - 6.13	78.5 - 156.0	152	B1-18105	32885
B1-12106	32560	6	6.0	6.00 - 12.13	152.5 - 308.0	152	B1-18106	32893

* Metric Bore Gages available from 9.5 mm thru 308.0 mm (.002 mm Dial Indicator graduations). Contact Brown & Sharpe at 1-800-283-3600 for pricing information.

BORE GAGE OPTIONS

EXTENSIONS

Bore Gage Size	4 in	5 in	6 in	10 in	14 in	18 in	24 in	36 in
2	✓	N/A	✓	✓	✓	✓	✓	✓
3	STD	✓	✓	✓	✓	✓	✓	✓
4	✓	STD	✓	✓	✓	✓	✓	✓
5	✓	✓	STD	✓	✓	✓	✓	✓
6	N/A	N/A	STD	✓	✓	✓	✓	✓

Extension lengths greater than 36" are available. Please contact customer service for a quote.

CONTACT POINTS

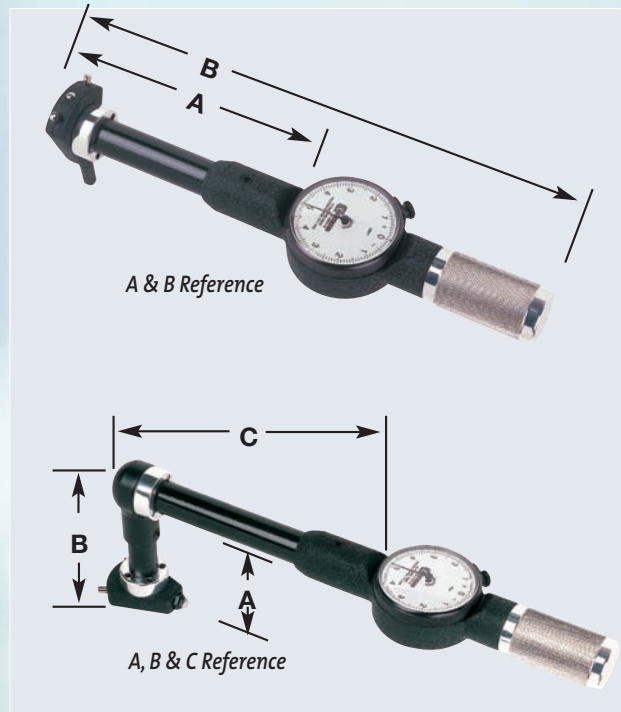
Option	1*	2	4	5	7
Gaging Contacts	Steel	T.C.	Diamond	T.C.	Diamond
Centralizing Contacts	Steel	Steel	Steel	T.C.	T.C.
Gaging Size					
0	STD	N/A	N/A	N/A	N/A
1	STD	N/A	N/A	N/A	N/A
2	STD	✓	✓	✓	✓
3	STD	✓	✓	✓	✓
4	STD	✓	✓	✓	✓
5	STD	✓	✓	✓	✓
6	STD	✓	✓	✓	✓

* Steel Gaging and Centralizing Contacts are normally furnished on all Dial Bore Gages unless otherwise specified; cost is included in the Option 1 price of the gage

Centralizing-Plunger Type - Style 2

- For jig-grinding machine operations.
- Designed to avoid disturbing the machine tool setup.
- For restricted areas or applications that might be hazardous to the operator's hands.

Available in sizes 0 thru 6.



in		mm	
B1-22100	32952	B1-28100	28516
B1-22101	32954	B1-28101	32978
B1-22102	32955	B1-28102	32979
B1-22103	32956	B1-28103	32980
B1-22104	32958	B1-28104	32981
B1-22105	32959	B1-28105	32983
B1-22106	32960	B1-28106	28522

Design and Application Data - Dimensions in Inches

Gage Size	Style 1 Standard			Style 2 Right-Angle			
	A		B	A		B	C
	Std.	Min.		Std.	Min.		
0	2.50	2.50	7.25	1.13	1.13	2.50	2.75
1	2.50	2.50	7.25	1.13	1.13	2.50	2.75
2	2.50	2.31	8.12	2.53	2.35	3.88	6.25
3	4.00	2.63	9.50	2.53	2.35	3.88	6.25
4	5.00	2.63	10.50	2.53	2.35	3.88	6.25
5	6.00	2.63	11.50	2.53	2.35	3.88	6.25
6	6.00	4.00	13.00	2.50	2.50	4.44	6.69




Rinseable Bore Gage

Eliminate time spent cleaning bore gages. The rinseable bore gage from Standard Gage can be cleaned without disassembly. The plunger mechanism is completely immersible, making it as easy to clean as it is to use.

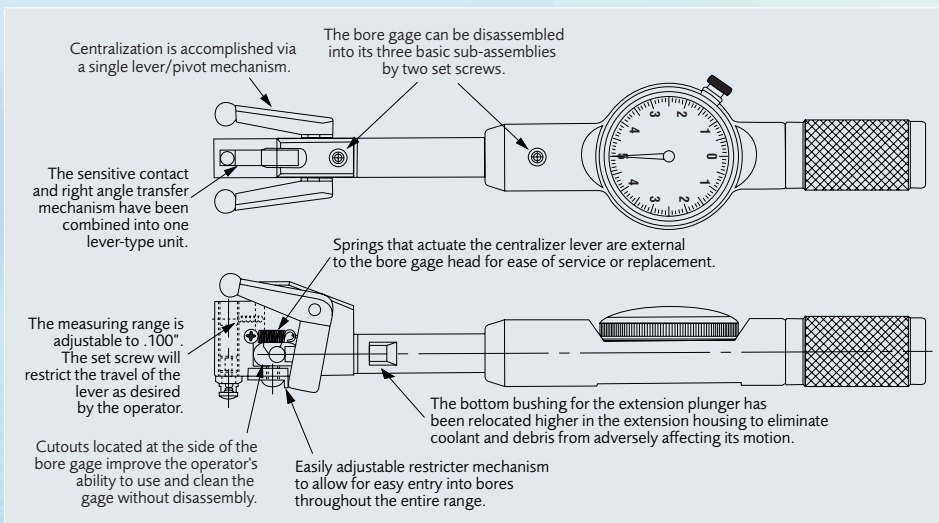
- Balanced and lightweight for greater sensitivity and less operator fatigue.
- Excellent stability in holding mastered value.
- Tungsten carbide contacts.
- Measuring range: 2 in - 8 in / 50 mm - 200 mm
- Dial Indicator is shockproof, and is available in a choice of graduations. The mechanism is protected by a cast housing.
- Up to 36 in extensions available.
- Supplied in black carrying case.



Alternate Face for Metric Dial Bore Gage

	 No.	 EDP	 in / mm
B3-12509	87618	.0001 in	
B3-14509	87621	.0005 in	
B3-17509	87620	.005 mm	
B3-18509	87619	.002 mm	





Exceptional quality, more range for the money.



Dial Bore Gage Combination Kit - Models 0 and 1

- Covers diameter range:
.370 in - 1.000 in / 9.3 mm - 25 mm.
- Industry's most popular Dial Bore Gage now available in an easy-to-use Combination Kit.
- Considerable cost savings.
- Interchangeable Gage Heads and Range Extensions to cover diameters from .370 in - 1.000 in / 9.3 mm to 25 mm.
- Convenient carrying case.
- Ideal for small shops or short production runs.
- Cost savings! Replaces separate Dial Bore Gages covering the same ranges, Models #0 and #1.



		 in / mm	 in / mm
B1-K0001	87601	.370 in -1.000 in	.0001 in
B1-K0001M	28523	9.3 mm - 25 mm	.002 mm

Dial Bore Gage Combination Kit - Models 2, 3, 4, and 5

Ideal for small machine shops or short production runs.

- Covers diameter range:
1.000 in - 8.000 in / 25 mm - 200 mm.
- Industry's most popular Dial Bore Gage now available in an easy-to-use Combination Kit.
- Considerable cost savings.
- Interchangeable Gage Heads and Range Extensions to cover diameters from 1.000 in - 8.000 in / 25 mm to 200 mm.
- Convenient carrying case.
- Cost savings! Replaces separate Dial Bore Gages covering the same ranges, Models #2, #3, #4, and #5.



Models 2, 3, 4, and 5
Cover Diameter Range
of 1.000" to 8.000"

		 in / mm	 in / mm
B1-K2345	33249	1.0 in - 8.0 in	.0001 in
B1-K2345M	33250	25 mm - 200 mm	.002 mm

