



AG-Series Precision Gage

For Pin Fitting and Rod Reconditioning

AG-300 Range: .375"–3.375" (9,5 mm–85,7 mm)
AG-400 Range: .720"–2.687" (18 mm–68 mm)

Note: The AG-400 has fingers that are .600" longer than the AG-300 (For use with larger diameter pistons with shorter wrist pins)

Replacement Parts For AG-300

Part No.	Description	Part No.	Description
AG-50A*	Dial Indicator	AG-438A*	Replacement Gaging Balls (package of 10) for AG-210 Standard Point Set
AG-34*	Crystal		
AG-26A*	Face Plate		
AG-299A*	Setting Fixture (with wear pads)	AG-456A*	Small Calibration Ring
PG-7A*	Plastic Cover	AG-465A*	Large Calibration Ring
		AG-450A*	Adjusting Wrench

*These parts included with AG-300.

Replacement Parts For AG-400

Part No.	Description	Part No.	Description
AG-50A*	Dial Indicator	AG-438A*	Replacement Gaging Balls (package of 10) for AG-210 Standard Point Set
AG-34*	Crystal		
AG-26A*	Face Plate		
AG-410A*	Setting Fixture (with wear pads)	AG-404*	Small Calibration Ring
PG-7A*	Plastic Cover	AG-465A*	Large Calibration Ring
		AG-450A*	Adjusting Wrench

*These parts included with AG-400.

Calibrating Rings for Quickly Setting AG-300 Gage to Connecting Rod Size

Part No.	Size	Part No.	Size
RG-2125	2.125" (53,9 mm)	RG-2325	2.325" (59,0 mm)
RG-2225	2.225" (56,5 mm)	RG-2374	2.374" (60,3 mm)
RG-2237	2.237" (56,8 mm)	RG-2436	2.436" (61,9 mm)
RG-2239	2.239" (56,9 mm)	RG-2500	2.500" (63,5 mm)
RG-2250	2.250" (57,1 mm)	RG-2591	2.591" (65,8 mm)
RG-2275	2.275" (57,8 mm)		
RG-2100	Complete Set of 11 ring gages listed above		

Sunnen AG-Series Precision Gage

Helps Sell Rod Reconditioning Service (Must be ordered separately – not included with honing machines.)

Dial reads directly in "tenths" (.0001").

- Checks rod journal bore for distortion.
- Assures correct size – within .0001"!
- Anyone can use it. No "feel" required!
- Measures size instantly!
- Wear-compensated gage points assure permanent accuracy!
- Assures exact fits required by today's high tech engines.

No rod should be reconditioned or pins fit without precise gaging. The only way to know the size is to measure the hole.

- Exact pin size is transferred to the AG-300 Gage with a wear-compensated setting fixture.
- Rugged construction. All moving parts are enclosed in housing. Never affected by vibration or shock.
- As shipped-Range .720"–2.687" (18–68 mm). Includes setting fixture, calibrator rings, medium and large extension point sets, accessory case, mounting bracket and instructions.

Shipping Weight: approximately 25 lbs. (11,4 kg)

Midget Point Set AG-140 and AG-140L

Range .375"–.750" (9,5–19 mm). For checking pin fits on small bore engines. Fits AG-300 Gage without alterations. (See chart below...be sure to check serial number of gage before ordering midget point sets.) Set includes all required parts and metal storage box.



The only gage made for both clearance and press type pin fits AND THE JOURNAL END OF CON-RODS.

Extra Large Point Set AG-340

Range 2.625"–3.375" (67–86 mm). Ideal for checking bores in large truck and tractor rods. Fits all AG-300 Gages.

Gage Point Sets	Point Sets	Part No.	Fits Gages Serial Numbers	Range
Each Midget Point Set includes all required parts & metal storage box.	Midget Point Sets	AG-140 AG-140L	Under 13,000 13,000 and UP	.375"–.750" (9,5–19 mm)
	Standard Set	AG-210*	ALL GAGES	.720"–1.530" (18–39 mm)
	Medium Extension Sets	AG-620*	ABOVE 4,000–Heavy-duty type with Carbide Gage Balls	1.500"–2.250" (38–57 mm)
	Large Extension Sets	AG-630*	ABOVE 4,000–Heavy-duty type with Carbide Gage Balls	1.932"–2.687" (49–68 mm)
These sets consist of two Gage Points and a centralizer point. Order by part number listed at right.	Extra Large Extension Sets	AG-340	ALL GAGES	2.625"–3.375" (67–86 mm)
	Accessory and Point Set Kit	AG-475L*	13,000 and UP	1.500"–2.687" (38–68 mm)
This set includes the AG-620 and AG-630 Point Sets. It is complete with both small and large calibration rings, adjustment wrench. Includes metal storage box.				

Dial Bore Gages

Gages and Accessories



GR-3000 Dial Bore Gage

Assembly consists of a .00001" reading indicator, probe retractor and probe retainer bushing in a reinforced nylon insulating shroud.

Order GRM-3000 for .002 mm reading.
Shipping Weight: 2 lbs. (1 kg)



Order 1-4 for each diameter.

- 1** Gage GR/GRM-3000
- 2** Probe
- 3** Transfer Pin
- 4** Probe Extension

Gage	Diameter Range		Probe No.	Transfer Pin No.	Max. Gaging Depth		Overall Length		Probe Ext.
	in	mm			in	mm	in	mm	
GR/GRM-3000	.054-.061	1,37-1,55	G-1055	G-2037	.43	11	6.6	167	KZ1X-3500 See Note
	.059-.075	1,50-1,90	G-1070	G-2059	.63	16	6.9	174	
	.071-.087	1,80-2,20	G-1080		.63	16	6.9	174	
	.081-.096	2,05-2,45	G-1090		.63	16	6.9	174	
	.089-.108	2,25-2,75	G-1100	G-2089	.82	21	7.1	179	
	.098-.118	2,50-3,00	G-1110		.82	21	7.1	179	
	.108-.128	2,75-3,25	G-1120		.82	21	7.1	179	
	.118-.138	3,00-3,50	G-1130		.82	21	7.1	179	
	.128-.148	3,25-3,75	G-1140		.82	21	7.1	179	
	.138-.157	3,50-4,00	G-1150		.82	21	7.1	179	
	.148-.167	3,75-4,25	G-1160	.82	21	7.1	179		
	.165-.189	4,20-4,80	G-1180	G-2264	1.53	39	7.7	195	
	.185-.209	4,70-5,30	G-1200		1.53	39	7.7	195	
	.205-.228	5,20-5,80	G-1220		1.53	39	7.7	195	
	.224-.248	5,70-6,30	G-1240		1.53	39	7.7	195	
	.244-.268	6,20-6,80	G-1260		1.53	39	7.7	195	
	.264-.287	6,70-7,30	G-1280		1.53	39	7.7	195	
	.283-.307	7,20-7,80	G-1300		1.53	39	7.7	195	
.303-.327	7,70-8,30	G-1320	1.53		39	7.7	195		
.323-.346	8,20-8,80	G-1340	1.53		39	7.7	195		
.343-.366	8,70-9,30	G-1360	1.53		39	7.7	195		
.362-.386	9,20-9,80	G-1380	1.53	39	7.7	195			
.370-.417	9,40-10,60	G-1400	G-2370	1.81	46	7.7	195		
.409-.457	10,40-11,60	G-1440		1.81	46	7.7	195		
.449-.496	11,40-12,60	G-1480		1.81	46	7.7	195		
.488-.535	12,40-13,60	G-1520		1.81	46	7.7	195		

Probe Extension

Available for probes .323" (8,2 mm) or larger. Probe extensions are 2-1/2" (63,5 mm) long, and up to three can be assembled together. Part Number: KZ1X-3500.

NOTE: It may be necessary to order one or more KZ1X-3500 Probe extensions to reach the valve guides.

The probe extensions may be larger in diameter than the valve guide, but will not interfere with the gaging probe.

Gage Probes and Transfer Pins

Probes and pins must be ordered separately. Diameter ranges, gaging depths and part numbers are listed in chart.





Dial Bore Gage Setting Fixtures

CF-540 Size Setting Adapter

Centers gage probes between parallel reference surfaces on CF-502 Setting Fixture. Serves as an "extra pair of hands" to help in nulling the gage on both the horizontal and vertical axis. Assures fast, accurate setup of the gage. Shipping Weight: 2 lbs. (1 kg)



Shown with CF-502 Setting Fixture.

Setting Fixtures

CF-502M (metric)

1,37 mm–50,8 mm

CF-502 (inch) .054"–2.00"

For use with 3000, 4000, 6000, and 9000 Series Dial Bore Gages.

CF-502M comes with 0–51 mm micrometer head marked in .002 mm increments with precision lapped carbide anvils. Includes a ring gage checking standard and three interchangeable nests. (Use of CF-502M/CF-502 with 3000 series gage requires the purchase of CF-540 Size Setting Adapter.) Setting Master has a rugged, stress-relieved cast-iron base and may be used without removing it from its protective case. CF-502 is equipped with a 0"–2" micrometer head marked in .0001" increments.

CF-502M/CF-502 Shipping Weight: 10 lbs. (4,5 kg)



Replacement Gage Nests For CF-502M Metric & CF502:

CF-502M	CF-550A	12,6 mm–19,1 mm
	CF-560A	18,8 mm–30,2 mm
	CF-570A	30,0 mm–50,0 mm

CF-502	CF-550A	.495"–.750"
	CF-560A	.740"–1.19"
	CF-570A	1.18"–2.00"

CF-137 Micrometer Adjusting Wrench

CF-138 Spindle Lock Knob

CF-544A Magnifier

CF-576A Calibration Ring

Sunnen Dial Bore Gages

GR-6245 and GR-9245 with Retractable Centralizers.

For lifter bores, cam bearing bores, hydraulic valve bodies and cylinders.
Shipping Weight: 7 lbs. (3,2 kg)

GR-6245 diameter range: .740" to 1.190" (18,8 mm to 30,2 mm)

GR-9245 diameter range: 1.180" to 2.0" (30,0 mm to 50,8 mm)

The GR-6245 and GR-9245 dial bore gages parallel the GR-2125 and GR-2245 in function. They are ideally suited for many small bore applications-fast, easy, accurate.

For metric applications, order:
GRM-6245-range: 18,8 to 30,2 mm.
GRM-9245-range: 30,0 to 50,8 mm.
Dial is marked in ,01 mm increments.



Replacement Point Assemblies for GR-9000 Series (Includes Nut and Ball)

Part No.	Diameter Range
G-462A	#2 (1.385"-1.59")
G-462MA	#2 (35,2 mm-40,4 mm)
G-463A	#3 (1.59"-1.795")
G-463MA	#3 (40,4 mm-45,6 mm)
G-464A	#4 (1.795"-2.00")
G-464MA	#4 (45,6 mm-50,8 mm)

Replacement Point Assemblies for GR-6000 Series (Includes Nut)

Part No.	Diameter Range	Indicators are available for gages.
G-361A	#1 (.740"-.890")	
G-361MA	#1 (18,8 mm-22,6 mm)	G795A .0001" (.003 mm)
G-362A	#2 (.89"-1.04")	
G-362MA	#2 (22,6 mm-26,4 mm)	G595A .0005" (.0127 mm)
G-363A	#3 (1.04"-1.19")	
G-363MA	#3 (26,4 mm-30,2 mm)	

GR-2245 Gage with Retractable Centralizers

For main bearing saddle bores and cam shaft bearing bores.

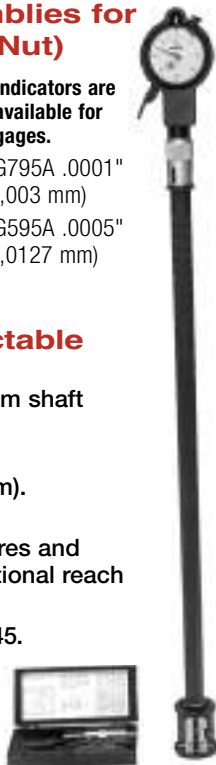
Shipping Weight: 5 lbs. (2,3 kg)

Diameter range: 2" to 6" (50 to 152 mm).
Gages holes up to 24" (60,9 cm) long.

This gage incorporates identical features and benefits of the GR-2125 with the additional reach length of 24" (60,9 cm).

For metric applications, order GRM-2245.
Diameter range: 50 to 150 mm.
Dial is marked in ,01 mm increments.

The GR-2245 is furnished with a storage case for accessories only.



GA-2125 and GR-2125

For cylinders, sleeves, large con rods...many other gaging jobs.

Shipping Weight: 7 lbs. (3,2 kg)

Diameter range: 2" to 6" (50,8 to 152,4 mm).
Gages holes up to 12" (304 mm) long.

The GA-2125 is self-aligning in the bore, requires no centering. Lets you explore the entire cylinder from top to bottom...in seconds.

The retractable self-centering mechanism in the gaging head of the GR-2125 makes it easy to gage interrupted bores typical of 2-cycle motorcycle and marine engine applications without "hanging up". The retraction features allows precise exploration of a high performance cylinder without leaving telltale gaging marks.

- Gages are self-centering.
- Adjustable dial for easier reading.
- Dial is marked in .0005" increments.
- Carbide gaging points...for long life.
- Insulated grip eliminates "drift".
- Furnished in molded case with extension points and wrenches.

For metric models, order GAM-2125 or GRM-2125.
Range: 50 to 203 mm. Dial marked in ,01 mm increments.

Note: Special length gages are available on a special order basis. Write for product bulletin #P-4206 or call Customer Service, Sunnen Products Co. for information.



Replacement Point Assemblies for GA-2000/GR-2000 Series (Includes Ball and Nut)

Part No.	Diameter Range	Part No.	Diameter Range
G-610A	#1 (2"-2-3/8")	G-613A	#4 (3-1/8"-3-1/2")
G-611A	#2 (2-3/8"-2-3/4")	G-614A	#5 (3-1/2"-3-7/8")
G-612A	#3 (2-3/4"-3-1/8")	G-615A	#6 (3-7/8"-4-1/4")

Note: Sunnen 2000 Series Dial Bore Gages can be extended to 12" (304,8 mm) by adding oversize centralizer points and additional gage point extensions.

For gaging diameters in the range of 6"-12" (152,4 mm-304,8 mm) order: G-822A Gage Extension Kit. Consists of: Two Oversize Centralizer Points, G-632A #7 Gage Point Extension, G-634A #8 Gage Point Extension.

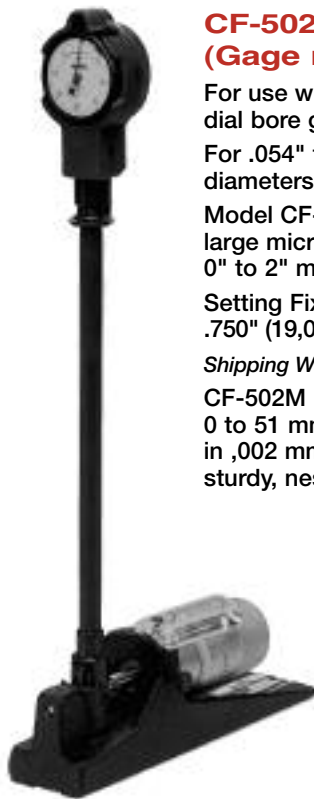
2000 Series Gages assembled with G-822A Gage extension set cannot be used with CF-1126 Setting Fixture when set for diameters above 8" (203,2 mm). Alternative methods of setting gage must be used.

Setting fixtures for Dial Bore Gages, see page 48.

Dial Bore Gage Setting Fixtures

Sunnen's unique setting fixtures allow fast, easy setting of Sunnen dial bore gages with no need for separate micrometers and ring gages. Sizes are simply "dialed in" with the micrometer adjustment, which eliminates errors due to "feel" in setting gages.

Two models combine to cover a continuous range of .054" to 8" in .0001" increments (1,37 mm to 203 mm in .002 mm increments). Both models feature a heavy stress-relieved cast iron base, lapped carbide micrometer anvils, and built-in magnifier for fast, accurate setup.



CF-502 Setting Fixture (Gage not included)

For use with GR-6245 and GR-9245 dial bore gages.

For .054" to 2.000" (1,4 to 50,8 mm) diameters.

Model CF-502 is equipped with a large micrometer head with range of 0" to 2" marked in .0001" increments.

Setting Fixture comes with CF-576A .750" (19,05 mm) master calibrating ring.

Shipping Weight: 13 lbs. (5,9 kg)

CF-502M Metric Setting Fixture has a 0 to 51 mm micrometer head marked in .002 mm increments. Supplied in a sturdy, nested box.



CF-125A (Not shown)

Nest for CF-1126

CF-140 Adapter Kit (Not shown)

This adapter kit is required for the early model CF-1000 Setting Fixture so it can be used with the Sunnen CK-3280 as well as the current GA-2125 and GR-2245 Gages.

CF-210A Setting Standard

Setting standard for CF-1000 setting fixture.



CF-1126 Setting Fixture (Gage not included)



For use with GA-2125, GR-2125 and GR-2245 Dial Bore Gages.

For 2" to 8" (51 to 203 mm) diameters.

The CF-1126 incorporates a tenth-reading micrometer head with precision carbide anvil. Accurate within .0001" (0,0025 mm). Ring gage checking standard included. Precision setting standards in 1" (25,4 mm) increments. Setting Master has rugged stress-relieved, cast iron base. May be used without removing from protective case.

Shipping Weight: 21 lbs. (9,5 kg)

The setting fixture itself covers the 7" to 8" (178 to 203 mm) range. In addition, the fixture is supplied with standards to cover the 2" to 6" (50 to 152,4 mm) range. Order additional setting standards to give complete 2" to 8" range as follows:

Part No.	Range
CF-220A*	2" to 3" (51 to 76 mm)
CF-230A*	3" to 4" (76 to 102 mm)
CF-240A*	4" to 5" (102 to 127 mm)
CF-250A*	5" to 6" (127 to 152 mm)
CF-260A	6" to 7" (152 to 178 mm)
CF-215A*	Ring Gage 2.000" (50,8 mm)

*Included with CF-1126

CF-130A	Replacement Micrometer Anvil
CF-544A	Replacement Magnifier

Fits the CF-1126 and CF-502 Setting Fixtures.

CF-1126M Metric Setting Fixture

Metric Setting Fixture (Diameter Range 50 mm to 200 mm).

Metric Setting Standards available as follows:

Part No.	Range
CF-320A*	50 to 75 mm
CF-330A*	75 to 100 mm
CF-340A*	100 to 125 mm
CF-350A*	125 to 150 mm
CF-360A	150 to 175 mm
CF-215MA*	Ring Gage 2.007" (50,99 mm)

*Included with CF-1126M

PG Bore Gaging System

Diameter Range: .090"–4.310" (2,29 mm–109,47 mm)

The Sunnen "PG" Bore Gaging System is a unique mechanical gaging system that makes I.D. Gaging simple, reliable, and economical. Eliminates buying and maintaining costly master rings and air gage probes. Both gage and setting fixture are built for everyday use making them ideal for "in-process" inspection. Available in 00005" or .0001" (.001 mm or .0025 mm) reading scales.

PG-710E Small Bore Precision Gage with PG-400E Setting Fixture



PG-700E Small Bore Precision Gage

Diameter Range: .090"–.379" (2,29 mm–9,63 mm)*

Direct reading scale with .005" (.13 mm) range divided into increments of .00005" (.001 mm).

Order PG-700EM for metric applications.

Weight: 20.5 lbs. (9,3 kg)

Dimensions (without fingers):
10.5" H x 7.75" W x 6.5" D
(267 mm x 197 mm x 165 mm)

*Covered with complete set of gaging fingers. Individual finger sets can be ordered for specific sizes. Order individual finger sets from the complete list at right.



PG-710E Small Bore Precision Gage

Identical to PG-700 except direct reading scale is .010" (.24 mm) wide and divided into increments of .0001" (.0025 mm). Order PG-710EM for metric applications.

Gaging Fingers for PG-700 or PG-710 Precision Gage

To order individual finger pairs, consult the table below for size ranges and part numbers.

Each pair of gaging fingers is stamped with its size range and comes nested in an impact-resistant box.

Available for sale only.



Individual Gaging Finger Shipping Weight: .5 lb. (.2 kg)

Diameter Range		Gaging Depth*		Accessory Fingers
inches	mm	inches	mm	
.090-.099	2,29-2,51	.281	7,14	PG-1090
.099-.109	2,51-2,77	.281	7,14	PG-1099
.109-.120	2,77-3,05	.281	7,14	PG-1109
.120-.132	3,05-3,35	.500	12,70	PG-1120
.132-.145	3,35-3,68	.500	12,70	PG-1132
.145-.159	3,68-4,04	.625	15,87	PG-1145
.159-.174	4,04-4,42	.625	15,87	PG-1159
.174-.190	4,42-4,83	.750	19,05	PG-1174
.190-.207	4,83-5,26	.750	19,05	PG-1190
.207-.225	5,26-5,72	.875	22,22	PG-1207
.225-.244	5,72-6,20	.875	22,22	PG-1225
.244-.264	6,20-6,71	1.000	25,40	PG-1244
.264-.285	6,71-7,24	1.000	25,40	PG-1264
.285-.307	7,24-7,80	1.250	31,75	PG-1285
.307-.330	7,80-8,38	1.250	31,75	PG-1307
.330-.354	8,38-9,00	1.500	38,10	PG-1330
.354-.379	9,00-9,63	1.500	38,10	PG-1354
Metal Storage Cabinet				PG-1418
COMPLETE SET of all Gaging Finger Pairs, including PG-1418 Metal Storage Cabinet.				PG-1401
Weight: 20 lbs. (9 kg)				

* If bore can be measured from both ends, bore length can be double the gaging depth shown.

Blind Hole Gaging Fingers for PG-700/PG-710 Gages

Special Blind Hole Gaging Fingers are available on special order basis. These fingers are non-adjustable and can only be used for a specific diameter size. These altered blind hole fingers can measure to within .040" (1,02 mm) of the bottom of the blind end of the bore. Recommend customer use a ring gage to set size on the gage.

How to order blind hole gaging fingers:

PG-____ - ____ - HMOX The first ____ is the four-digit number of the standard gaging fingers for the diameter needed to be measured. The second ____ is the finished diameter of the bore to be measured, either in English or Metric units.

Examples: .2092" diameter. Order: PG-1202-2092-HMOX
2,89 mm diameter. Order: PG-1109-2,890-HMOX

Available 4 weeks after receipt of order.

PG Bore Gaging System

PG-800E Precision Bore Gage

Diameter Range: .370"–1.500"
(9,4 mm–38,1 mm)

Direct reading scale with .005" (.13 mm) range divided into increments of .00005" (.001 mm). Overall size range is divided into two subranges .370"–.750" (9,4 mm–19,05 mm) and .750"–1.500" (19,05 mm–38,1 mm). Replaceable carbide gage points which can be rotated for long life. Size range can be increased to 2.9" (74,3 mm) by ordering PG-250 Extension Finger Set.



PG-800E

Order PG-800EM for metric applications.
Dimensions: 10-1/2" H x 7-3/4" W x 8-3/8" D
(267 x 197 x 213 mm)

Gaging Depth: Small Side – .968" (24,6 mm)
Large Side – 1.656" (42,06 mm)
With PG-250 – 1.625" (41,27 mm)

Weight: 20.25 lbs. (9,2 kg)

PG-810E Precision Bore Gage

Identical to PG-800 except direct reading scale is .010" (.24 mm) wide and divided into increments of .0001" (.0025 mm). Order PG-810EM for metric applications.

PG-250E Extension Finger Set



Used with the PG-800 and PG-810 Precision Bore Gages. Extends the PG-800/PG-810 measuring range from 1.500" (38,1 mm) to over 2.900" (74,3 mm) diameter. Consists of two pairs of carbide extension points which mount onto the fingers of the PG-800/PG-810. Mounting screws are permanently attached to extension points to avoid their loss.

FOR SALE OR LEASE.

GAGE LEASING PROGRAM

Sunnen PG-700, PG-800 Series Gages, Setting Fixtures, and PG-250 Extension Fingers are also available on a unique lease plan. Leasing the Sunnen bore gaging system includes maintenance and updating by Sunnen. Contact KS & C Industries 1-800-247-7098 for complete leasing information.

Note: This program is not available outside of the United States.

PG-400E Setting Fixture

Diameter Range: .090"–1.500" (2,29 mm–38,3 mm)



This Setting Fixture is used to set the PGE-3000, PG-800, PG-810, PG-700 and PG-710 Precision Bore Gages. Dimensional accuracy is guaranteed to be within $\pm .000025"$ (.0006 mm) of nominal reading over the entire range of the instrument. Comes in a carrying case with a master calibrating ring traceable to the Bureau of Standards.

Order PG-400EM for metric applications.
Weight: 6.75 lbs. (3 kg) (with carrying case and accessories)

PG-500E Setting Fixture

(Not pictured-similar to PG-400)

Diameter Range: 1.500"–2.900" (37,7 mm–74,3 mm)

Similar to PG-400, except for higher range. Used to set PG-800 or PG-810 Precision Bore Gage when equipped with PG-250 Extension Fingers. Comes in a carrying case with a master calibrating ring traceable to the Bureau of Standards. Includes PG-2090 Auxiliary Faceplate.

Order PG-500EM for metric applications.
Weight: 9.5 lbs. (4,3 kg) (with carrying case and accessories).

PGE-500 Setting Fixture

Identical to PG-500E Setting Fixture. Use to set PGE-3000 Precision Bore Gage when equipped with PGE-250 Extension Fingers. Includes PGE-3167 Auxiliary Faceplate. Order PGE-500EM for metric applications.

PG-810-Z08X Precision Bore Gage

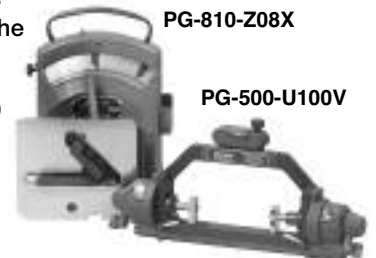
Diameter Range: 3.0"–4.5" (76,2 mm–114,3 mm)

Available for purchase only.

PG-810-Z08X is similar to the PG-810 Precision Bore Gage. Diameters 3.0"–3.750" (76,2 mm–95,25 mm) are measured on one side. Diameters 3.750"–4.5" (95,25 mm–114,3 mm) are measured on the opposite side.

Dimensions: 10-1/2" H x 7-3/4" W x 8-3/4" D
(267 mm x 197 mm x 222 mm)

Order PG-810M-Z08X for metric applications.
Weight: 21 lbs. (9,54 kg)



PG-810-Z08X

PG-500-U100V

PG Bore Gaging System

PG-500-U100X Setting Fixture for PG-810-Z08X

(Similar to PG-500 Setting Gage.)

Diameter Range: 2.890"–4.310" (73,40 mm–109,47 mm)

Used to set 3.0"–4.310" (76,2 mm–109,47 mm) diameter range on PG-810-Z08X.

Also used with PG-800 Series Gage with PG-250 Extension Fingers and PG-2090-AM1X Auxiliary Face Plate to set diameters 2.890"–3.0" (73,4 mm–76,2 mm). Setting size on PG-810-Z08X from 4.310"–4.5" (109,47 mm–114,3 mm) must be done utilizing ring gages or gage blocks.

Order **PG-500M-U100X** for metric applications.

Shipping Weight: 17 lb. (7,7 kg)

PG-810-Z08X and **PG-500-U100X** available from stock (limited quantity available). **PG-2090-AM1X** available three weeks after receipt of order.

PG-845 Tilting Gage Stand

A recommended accessory for the PG-810-Z08X Precision Gage.

Lets the gage faceplate support the majority of the part weight. Used also with PGE-3000, PG-800/PG-810. Attaches to MB-2370 Gage Mounting Bracket. Weight: 4.5 lbs. (2,1 kg)



PG Bore Gaging Accessories

Replacement Gage Points for PG-800 and PG-250

- PG-712A Point Set** Consists of three Carbide Gaging and three Mounting Screws for .740"–1.500" (18,8 mm–38,1 mm) diameter gaging fingers. Also used on non-centralizer gaging fingers on PG-250 Extension Finger Set.
- PG-714A Point Set** Consists of three Carbide Gaging and three Mounting Screws for .370"–.740" (9,4 mm–18,8 mm) diameter gaging fingers.
- PG-1007** Eccentric Centralizer with carbide ring used on both centralizer extension fingers of the PG-250 Extension Finger Set.
- PG-110A** Gage Point Removal and Installation Tool .370"–.740" (9,4 mm–18,8 mm).
- PG-90A** Gage Point Removal and Installation Tool .740"–1.500" (18,8 mm–38,1 mm).
- PG-120A** Tolerance Flag Adjusting Wrench.

Blind Hole Gaging Points for PG-800 and PG-250

- PG-702A Blind Hole Point Set** Consists of three Points and Screws .740"–1.500" (18,8 mm–38,1 mm). Also used on non-centralizer gaging fingers on PG-250 Extension Finger Set.
- PG-704A Blind Hole Point Set** Consists of three Points and Screws .370"–.740" (9,4 mm–18,8 mm) diameter gaging fingers.
- PG-LR6X Blind Hole Centralizer** For PG-250 Extension Finger Set 1.5"–2.9" (38,1 mm–74,3 mm).

Note: Blind hole point sets measure to within .010" (0,25 mm) of the bottom of the blind hole.

PG-LR6X available four weeks after receipt of order.

PG Bore Gaging System

Gage Mounting Brackets

Recommended when any Sunnen Precision Bore Gage is used on a Sunnen Honing Machine. Mounting brackets reduce lost motion and fatigue and reduce runoff of honing oil.

Available for either right or left side mounting. All models adjustable for easiest access to gage.

To order, specify from chart.

Model No. **Description**
MB-1325 For Right Side of MB-1290, MBB-1290, MBB-1600, MBB-1650, or MBB-1660.
 Weight: 10 lbs. (4,5 kg)



Model No. **Description**
MB-2370 For Left or Right Side of MBB-1650 or MBB-1660; Left Side of MBB-1670, MBB-1680, MBB-1690, MBB-1800, MBC-1800, MBC-1801, MBC-1802, MBC-1803, MBC-1804, MBC-1805.
 Weight: 12 lbs. (5,5 kg)



MB-1250 For Left Side of MB-1290, MBB-1290, MBB-1600.
 Weight: 10 lbs. (4,5 kg)



EC-7170 For Right Side of EC-3500.

PG-2130 Flexible Hex Wrench

Use to dampen vibration when centralizing PG-400 on the PG-700/710 Precision Gage.

PG-2110 Clip-On Auxiliary Faceplate

For PG-700/710 Precision Gage.

Additional PG Gage Faceplates.



PG-4

PG-4 Auxiliary Faceplate for PG-700/PG-710. A flat plate with ten holes designed to slip over the gaging fingers of a PG-700/PG-710. Reduces the opening size of the PG-2110 faceplate making it easier to measure thin walled parts. Hole sizes on PG-4 vary from .109"-.343" (2,77 mm-8,71 mm).



PG-5

PG-10A Auxiliary Faceplate set for PG-800/PG-810 Precision Gage. Consists of one PG-5 and PG-6 Faceplate similar to PG-4. PG-5 hole size .720" (18,3 mm), .820" (20,8 mm), and .920" (23,4 mm). PG-6 hole size .380" (9,7 mm), .430" (10,9 mm), .480" (12,2 mm), .530" (13,5 mm), .580" (14,7 mm), .630" (16,0 mm), and .680" (17,3 mm).



PG-6

PG-25 Magnifying Glass



With spring clip. Made of 2.5x ground optical glass with a spring clip for mounting on PG-700 or PG-800 precision gage.