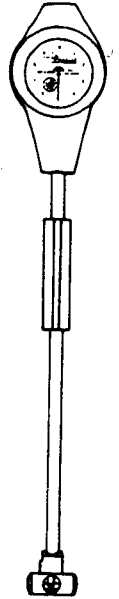




CYLINDER BORE GAGE

	ULTRA PRECISION		HIGH PRECISION
MODEL	6467	6468	6632
RANGE	2-8"	50-200mm	2-8"
GRADS	0.0001"	0.002mm	0.0005"



HOW TO USE YOUR CYLINDER BORE GAGE

1. In order to set your gage to size, select the proper extension or combination of extensions from the accompanying chart. Install these extensions by removing the knurled locking nut and removing the extension with the tool provided. Install the correct extension(s) and also loosely install the locking nut.
2. Set an outside micrometer to the exact cylinder bore.
3. Using the micrometer set in step 2, place the cylinder bore gage measuring contacts across the micrometer faces and adjust the extensions to position the large hand of the dial indicator at about the 12:00 position; tighten the locking nut. The dial indicator bezel may be rotated to exactly zero the indicator.
4. On an assembled short block, turn the engine until the piston is at bottom dead center.
5. Place the gage in the cylinder and gently rock to get the lowest dial reading. Note the dial graduations above for your model. The revolution counter indicates 100 graduation units.
6. To measure out-of-round, rotate the gage in the bore 90 degrees and take an additional reading.

BORE DIAMETER		EXTENSIONS
INCHES	MM	
1.995 - 2.505	50.673 - 63.627	1
2.495 - 3.005	63.373 - 76.327	2
2.950 - 3.400	74.930 - 86.360	3
3.350 - 3.800	85.090 - 96.520	4
3.750 - 4.250	95.250 - 107.950	5
4.200 - 4.500	106.680 - 114.300	1 & 6
4.450 - 4.900	113.030 - 124.460	2 & 6
4.850 - 5.350	123.190 - 135.890	3 & 6
5.300 - 5.700	134.620 - 144.780	4 & 6
5.650 - 6.150	143.510 - 156.210	5 & 6
6.125 - 6.450	155.575 - 163.830	1 & 6 & 6
6.425 - 6.950	163.195 - 176.530	2 & 6 & 6
6.925 - 7.350	175.895 - 186.690	3 & 6 & 6
7.325 - 7.750	186.055 - 196.850	4 & 6 & 6
7.725 - 8.050	196.215 - 204.470	5 & 6 & 6

*When setting the gage to measure close to 2 inches, it is necessary to use the tool provided to install the #1 extension.

WARRANTY AND REPAIR

The dial bore gage is guaranteed against defects of workmanship or materials, but not abuse. If your indicator should become damaged, return it to us and we will repair it promptly at a reasonable charge and return it to you.

PRECISION TOOLS FROM:



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CENTRAL TOOLS, INC.
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Cranston, RI 02910