



1175, 1175M Dial Indicator Groove Gages .375-6" / 9.5-150mm

This lightweight gage is used for in-process or bench inspection of oil grooves, snap ring retainer grooves, "O" ring seat retainer grooves and similar internal recesses. It is also useful for checking bore dimensions and testing for taper, bell-mouth and out-of-roundness.

The movable, sensitive gaging contact has a 1/2" (12.7mm) retractable range and transfers the measurement through a linear, friction-free transfer mechanism to the dial indicator. The lower reference jaw is fixed and supports the entire weight of the gage and the operator's hands, thus preventing incorrect gaging pressure and false readings.

The reference jaw can be mounted in two positions on the range adjusting bar. The bar itself is also adjustable for greater or lesser range. A fine adjustment screw and a lock are also provided.

Features:

- Supplied with two sets of jaws, both readily interchangeable
- Three sets of contacts are furnished (Styles 1-10, 2-10, 2-20) that can be attached to the ends of the jaws without replacing the entire jaw. Contacts have flush ends so that grooves at the bottom of blind holes can be gaged. The contacts are hardened steel with a hard chrome finish for long life
- Gage can be set with gage blocks or other methods such as micrometers, vernier calipers and ring gages
- Furnished with storage case



Special jaws for 4" and 6" (100mm and 150mm) gaging depths, a diameter range extension bar from 6-12" (150-300mm), dial indicators graduated in .001", or any special modification of gaging contacts and jaws, are also available by request through our Special Order Department

1017 Series Outside Dial Caliper Gages

0-2" / 0-50mm

These gages are designed for use in measuring castings, forgings and sheet metal work. Large clearances have been provided to reach over part configurations for easy measurement of small sections. The convenient retraction lever allows for one-hand operation and good gage control.

The dial indicator has a direct reading count hand. The contacts are cylindrical carbide for long wear life.

1175 & 1175M Dial Indicator Groove Gages

Range	Dial Indicator		Reading	Range	Catalog No.	EDP
	Model No.	Graduation				
.375-6"	81-136-1175	.0005"	±30	.060"	1175Z	53173
9.5-150mm	81-181-1175	0.01mm	±100	2.5mm	1175MZ	65032

1175 Dial Indicator Groove Gage Contact Sets

Contact Set	Part No.		Will Enter Minimum Bore		Maximum Groove I.D.		Minimum Groove Depth		Minimum Groove Width	
	Upper	Lower	Inch	mm	Inch	mm	Inch	mm	Inch	mm
Style 1-10	PT30917	PT30917	.375"	9.5	3.00"	75	.100"	2.5	.024"	0.6
Style 2-10	PT30918	PT30919	.690"	17.5	5.00"	125	.140"	3.6	.034"	0.8
Style 2-20	PT30920	PT30921	1.00"	25	6.00"	150	.265"	6.7	.051"	1.3

1017 Outside Dial Caliper Gages

Range	Graduation	Throat Depth	Catalog No.	EDP
0-2"	.001"	4"	1017-4	65091
		8"	1017-8	64959
0-50mm	0.02mm	100mm	1017M-100	64179
		200mm	1017M-200	64180

