

Dial Caliper Gages

SERIES 209 — Internal Measurement Type

These Dial Caliper Gages are used only as comparison gages, and should be used along with a Setting Ring or a micrometer.

The caliper is spring loaded and makes point contact at constant measuring pressure.



209-300



209-303



SPECIFICATIONS

Inch

Measuring Range	Order No.	Graduation	Accuracy	Max. Measuring Depth L	Max. Groove Depth A	Min. Groove Width B	Measuring Contact Type	Size (mm)	Mass (g)
.10 - .50"	209-350	.0002"	± .0008"	.47"	.027"	.023"	A	R0.1	200
.20 - .60"	209-351	.0002"	± .0008"	1.37"	.09"	.032"	B	ø0.6	200
.40 - 1.2"	209-352	.0005"	± .0015"	3.3"	.19"	.06"	B	ø1	200
.80 - 1.6"	209-354	.0005"	± .0015"	3.3"	.26"	.06"	B	ø1	200
1.2 - 2"	209-355	.0005"	± .0015"	3.3"	.26"	.06"	B	ø1	200
1.6 - 2.4"	209-356	.0005"	± .0015"	3.3"	.31"	.06"	B	ø1	200
2 - 2.8"	209-357	.0005"	± .0015"	3.3"	.31"	.06"	B	ø1	200
2.4 - 3.2"	209-358	.0005"	± .0015"	3.3"	.31"	.06"	B	ø1	250
2.8 - 3.6"	209-359	.0005"	± .0015"	3.3"	.31"	.06"	B	ø1	250
3.2 - 4"	209-360	.0005"	± .0015"	3.3"	.31"	.06"	B	ø1	250
2 - 4"	209-361*	.0005"	± .0015"	3.3"	.31"	.06"	C	ø1	250
3.6 - 5.6"	209-362*	.0005"	± .0015"	3.3"	.31"	.06"	C	ø1	250
5.2 - 7.2"	209-363*	.0005"	± .0015"	3.3"	.31"	.06"	C	ø1	250

*Interchangeable contact points (additional anvil 4 pcs.) with ball point .04" dia.

Metric

Measuring Range	Order No.	Graduation	Accuracy	Max. Measuring Depth L	Max. Groove Depth A	Min. Groove Width B	Measuring Contact Type	Size (mm)	Mass(g)
2.5 - 12.5mm	209-300	0.005mm	±0.015mm	12mm	0.7mm	0.5mm	A	R0.1	155
5 - 15mm	209-301	0.005mm	±0.015mm	35mm	2.3mm	0.8mm	B	ø0.6	160
10 - 30mm	209-302	0.01mm	±0.03mm	85mm	5.2mm	1.2mm	B	ø1	180
20 - 40mm	209-303	0.01mm	±0.03mm	85mm	7mm	1.2mm	B	ø1	180
30 - 50mm	209-304	0.01mm	±0.03mm	85mm	7mm	1.2mm	B	ø1	185
40 - 60mm	209-305	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	B	ø1	195
50 - 70mm	209-306	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	B	ø1	195
60 - 80mm	209-307	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	B	ø1	200
70 - 90mm	209-308	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	B	ø1	200
80 - 100mm	209-309	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	B	ø1	200
50 - 100mm	209-310*	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	C	ø1	220
90 - 140mm	209-311*	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	C	ø1	230
130 - 180mm	209-312*	0.01mm	±0.03mm	85mm	8.3mm	1.2mm	C	ø1	240
15-65mm	209-896	0.05mm	±0.05mm	175mm	5mm	1.8mm	B	ø1.5	400
40-90mm	209-897	0.05mm	±0.05mm	175mm	8mm	2.2mm	B	ø2	440
70-120mm	209-898	0.05mm	±0.05mm	175mm	8mm	2.2mm	B	ø2	440

*Interchangeable contact point (additional anvil 5pcs.) with ball point 1mm dia

DIMENSIONS

