Dial Indicator

SERIES 1 — Compact One Revolution Type for Error-free Reading

PROPRIETARY INSPECTION CERTIFICATE

(Refer to the page 9 for details.)

One revolution type

1929S

Unlike many other dial indicators, the one-revolution dial indicator literally shows the entire spindle travel or range as one sweep of the hand, eliminating the possibility of reading errors due to miscounting the multiple revolutions. With one-revolution dial indicators, "within tolerance" and "out-of-tolerance" can never misinterpreted
An unique shock-proof mechanism is incorporated, providing improved immunity to shock due to sudden spindle retraction caused by high impact.

Double scale spacing type
Jeweled bearing type
Schockproof type
Dustproof type
Waterproof type

1929S
1929S-60
1929S-62

1900S-10
1900S-70
1900S-72

SPECIFICATIONS

Metric

ISO/JIS type

Graduation	Order No. w/ lug	Order No. Flat-back	Range (range/rev)	Accuracy	Dial reading	Measuring force						—
0.01mm	**1929S**	**1929SB**	1mm / 1.4mm	±11µm	50-0-50	1.4N or less	—	—	—	—	✔	—
0.01mm	**1929S-60**	**1929SB-60**	1mm / 1.4mm	±11µm	50-0-50	1.4N or less	—	—	✔	—	✔	—
0.01mm	**1929S-62**	**1929SB-62**	1mm / 1.4mm	±11µm	50-0-50	1.4N or less	—	—	—	✔	✔	—
0.001mm	**1900S-10**	**1900SB-10**	0.1mm / 0.14mm	±6µm	50-0-50	1.5N or less	—	✔	—	—	✔	—
0.001mm	**1900S-70**	**1900SB-70**	0.1mm / 0.14mm	±6µm	50-0-50	1.5N or less	—	✔	✔	—	✔	—
0.001mm	**1900S-72**	**1900SB-72**	0.1mm / 0.14mm	±6µm	50-0-50	1.5N or less	—	✔	—	✔	✔	—

Inch

ANSI/AGD type

Graduation	Order No. w/ lug	Order No. Flat-back	Range (range/rev)	Accuracy	Dial reading	Measuring force						—
.0005"	**1909S-62**	**1909SB-62**	.04" / .055"	±.0005"	20-0-20	1.4N or less	—	—	—	✔	✔	—
.0001"	**1910S-72**	**1910SB-72**	.006" / .0079"	±.0001"	3-0-3	1.4N or less	—	—	—	✔	✔	—

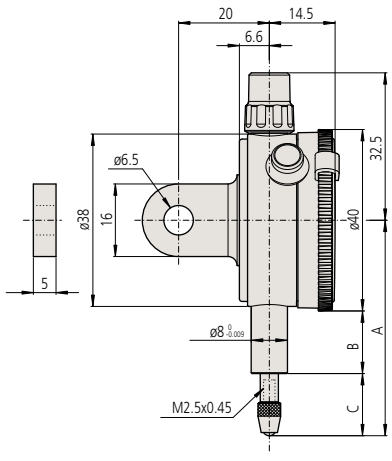
Optional Accessory

———: Backs (See page 266.)
———: Contact points (See page 264.)

DIMENSION

ISO/JIS Type

Unit: mm



Note 1: Dimensions of the inch (ANSI/AGD Type) dial indicator partly differ from those of the metric (ISO/JIS Type) indicator.
Note 2: Inch (ANSI/AGD Type) dial indicator is provided with a stem of 3/8" dia. and #4-48UNF thread mount for the contact point.

Order No.	A	B	C
1929S	47.5	13.8	13.7
1929S-60	55.5	12.2	23.3
1929S-62	47.5	13.8	13.7
1900S-10	53.5	16.8	16.7
1900S-70	54.5	12.2	22.3
1900S-72	53.5	16.8	16.7

Mitutoyo