

Metric Dial Indicators Series 2

Series 2

Standard Type, 10 mm Range, 0,01 mm Graduation

This is a standard dial indicator. It offers you the following benefits:

- Bezel clamp and lifting lever (optional) can be attached to either right or left side. They can be easily installed and removed without tools.
- No through screw holes on the frame as well as the use of an O-ring prevents water or oil penetration.

Series 2								
	2046A	2046AB	2046A-60	2046AB-60	2046A-09	2046AB-09	2310A-10	2310AB-10
Functions								
Balanced dial								
Continuous dial								
Reverse reading								
Coaxial revolution counter								
Shockproof								
Jeweled bearing								
IP64								

Optional accessories

No.	Description
21AZB195	Limit Hands (green) 2pcs, Dial Indicator Series 2/3/4
21AZB148	Bezel Clamp for Dial Gauge, Metric, Series 2/3/4
21EZA198	Spindle Lifting Lever, for Digital Indicator, A-Type Dial Indicator Series 2/3/4
21JZA295	Spindle Lifting Cable, for Indicator, L=500 mm
21JZA301	Spindle Lifting Cable with Auto Stop, for Indicator, L=300 mm

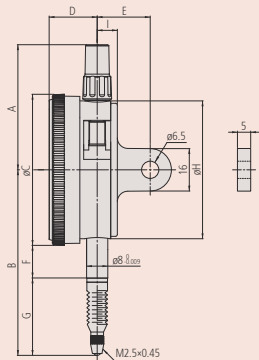
Consumable spares

No.	Description
901312	Contact Element Ball Point, M2,5x0,45, 7,3 mm Length, Carbide, Metric
21AAB562	NBR Rubber Boot, Digital Gauge ID-B, Dial Gauge IP63/IP64

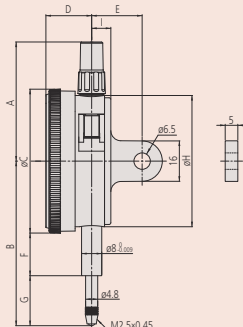
21AAB562: for 2046A(B)-60 (IP model)

21JZA295 and 21JZA301: not for IP64 type

For accessories and contact points, see end of dial indicators section.



2046A(B)-60



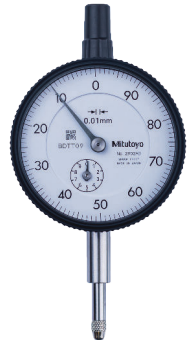
2046A(B)
2046A(B)-09



2046A(B)-60



2310A(B)-10



2902A(B)

Metric

No.	Range [mm]	Range per rev.	Dial reading	Graduation [mm]	Measuring force	MPE any 1/10 revolution [μm]	MPE any 1/2 revolution [μm]	MPE any 1 revolution [μm]	MPE measuring range [μm]	H MPE (Hysteresis) [μm]
2046A	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	13	3
2046AB	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	13	3
2046A-09	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	15	3
2046AB-09	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	15	3
2046A-60	10	1 mm	±0-100	0,01	0,4 - 2,5 N	5	9	10	13	3
2046AB-60	10	1 mm	±0-100	0,01	0,4 - 2,5 N	5	9	10	13	3
2310A-10	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	15	3
2310AB-10	10	1 mm	±0-100	0,01	0,4 - 1,4 N	5	9	10	15	3
2902A	10	1 mm	100-0	0,01	0,4 - 1,4 N	5	9	10	13	3
2902AB	10	1 mm	100-0	0,01	0,4 - 1,4 N	5	9	10	13	3
2047A	10	1 mm	0-50-0	0,01	0,4 - 1,4 N	5	9	10	13	3
2047AB	10	1 mm	0-50-0	0,01	0,4 - 1,4 N	5	9	10	13	3

B-type delivered with flat back plate

No.	R MPE (Repeatability) [μm]	Mass [g]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
2046A	3	144	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2046AB	3	135	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2046A-09	3	146	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2046AB-09	3	137	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2046A-60	3	146	47,2	74,7	57	18,1	20	12,3	33,9	52	7,6
2046AB-60	3	137	47,2	74,7	57	18,1	20	12,3	33,9	52	7,6
2310A-10	3	146	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2310AB-10	3	137	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2902A	3	144	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2902AB	3	135	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2047A	3	144	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6
2047AB	3	135	47,2	65,2	57	18,1	20	16,9	19,8	52	7,6



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