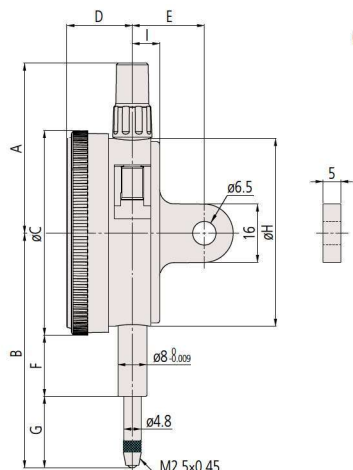


Dial Indicators

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

DIMENSIONS

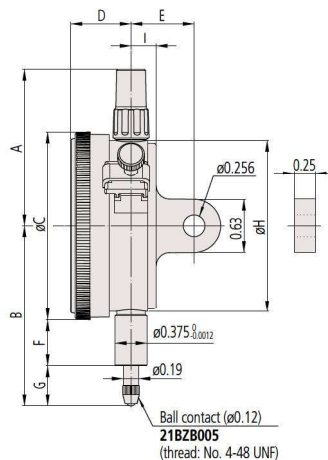
ISO/JIS
Type



Unit: mm

ANSI/AGD
Type

Unit: in



Ball contact (ø0.12)
21BZB005
(thread: No. 4-48 UNF)

Order No.	A	B	C	D	E	F	G	H	I	Mass (g) w/lug	Flat-back
2928A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136
2929A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136
2929A-62	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136
2959A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136
2900A-10	47.2	66	57	18.1	20	16.9	20.6	52	7.6	149	140
2900A-72	47.2	66	57	18.1	20	16.9	20.6	52	7.6	149	140
2901A-10	47.2	66.1	57	18.1	20	16.9	20.7	52	7.6	149	140

Note: Refer to pages F-57 to F-60 for details of contact points.

Order No.	A	B	C	D	E	F	G	H	I	Mass (g) w/lug	Flat-back
2909A-62	1.86	2.04	2.24	0.71	3/4	0.54	0.39	2.05	0.30	163	138
2910A-10	1.86	2.02	2.24	0.71	3/4	0.54	0.36	2.05	0.30	164	139

FEATURES

Metric							
Order No.		10 0.01	10 0.02	10 0.05	10 0.1	10 0.2	10 0.5
2928A	2928AB	✓	✓	✓			
2929A	2929AB	✓	✓	✓			
2929A-62	2929AB-62	✓	✓	✓		✓	
2959A	2959AB	✓	✓	✓			
2900A-10	2900AB-10	✓	✓	✓			✓
2900A-72	2900AB-72	✓	✓	✓		✓	✓
2901A-10	2901AB-10	✓	✓	✓			✓

SPECIFICATIONS

Metric										ISO/JIS type	
Order No.		Graduation (mm)	Range (range/rev) (mm)	Maximum permissible error (MPE) (μm)						Dial reading	Measuring force (N)
w/lug	Flat-back			1/10 Rev	1/2 Rev	1 Rev	Measuring range	Hysteresis	Repeat-ability		
2928A	2928AB	0.1	4 (5)	20	—	—	40	20	20	2-0-2	1.4 or less
2929A	2929AB	0.01	0.8 (1)	5	—	—	8	3	3	40-0-40	1.4 or less
2929A-62	2929AB-62	0.01	0.8 (1)	5	—	—	8	3	3	40-0-40	2.0 or less
2959A	2959AB	0.01	1.6 (2)	5	—	—	10	3	3	80-0-80	1.4 or less
2900A-10	2900AB-10	0.001	0.08 (0.1)	2	—	—	3	2	0.5	40-0-40	1.5 or less
2900A-72	2900AB-72	0.001	0.08 (0.1)	2	—	—	3	2	0.5	40-0-40	2.0 or less
2901A-10	2901AB-10	0.001	0.16 (0.2)	2	—	—	4	2	0.5	80-0-80	1.5 or less

Note: Completed products inspection is performed in the vertical orientation (contact point downward) and the stated accuracy is guaranteed.

Inch				ANSI/AGD type						
Order No.		Graduation (in)	Range (range/rev) (in)	Accuracy (in)		Repeat-ability (in)	Dial reading	Measuring force (N)		
w/lug	Flat-back			First 1 Rev/2.5 Rev/10 Rev	Retrace					
2909A-62	2909AB-62	0.0005	0.04/0.05	±0.0005/—/—	0.00016	±0.0001	20-0-20	2.5 or less		
2910A-10	2910AB-10	0.0001	0.008/0.01	±0.0001/—/—	0.0001	±0.00003	4-0-4	1.8 or less		

Note: Completed products inspection is performed in the vertical orientation (contact point downward) and the stated accuracy is guaranteed.

Optional Accessories

- Limit hand (2 pcs.): **21AZB195**
- Bezel clamp: **21AZB148**