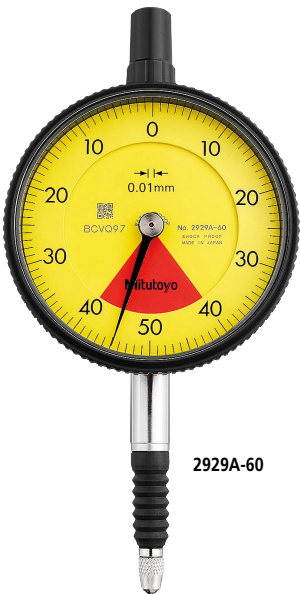




SERIES 2 — Standard One Revolution Type for Error-free Reading, Water-proof Type

- The one revolution dial indicator with improved water resistance prevents the possibility of reading errors.
- Mitutoyo’s unique shock-proof mechanism is incorporated, providing improved resistance to shock due to sudden spindle retraction caused by impact.
- It is highly durable thanks to a hardened stainless-steel stem and spindle, carbide probe, and a large gear made of wear- and deformation-resistant materials.
- Application of an anti-reflective and hard surface coating improves scale visibility along with scratch and chemical resistance.
- The red dead zone in the middle of the dial face is separated from the bezel and doesn't cover the graduations. Therefore, users can always see the range where accuracy is not guaranteed even if the bezel is rotated.



2929A-60

SPECIFICATIONS

Metric				ISO/JIS type		ANSI/AGD type					
Code No.		Graduation (mm)	Range (range/rev) (mm)	Maximum permissible error (MPE) (μm)						Dial reading	Measuring force (N)
w/lug	Flat-back			Indication error				Hysteresis	Repeatability		
				1/10 Rev	1/2 Rev	1 Rev	Measuring range				
2929A-60	2929AB-60	0.01	0.8 (1)	5	—	—	8	3	3	40-0-40	2.0 or less
2900A-70	2900AB-70	0.001	0.08 (0.1)	2	—	—	3	2	0.5	40-0-40	2.0 or less

Inch									
Code No.		Graduation (in)	Range (range/rev) (in)	Accuracy (in)		Repeatability (in)	Dial reading	Measuring force (N)	
w/lug	Flat-back			First 1 Rev/2.5 Rev/10 Rev					Retrace
2910A-72	2910AB-72	0.0001	0.008/0.01	±0.0001/—/—		0.0001	±0.00003	4-0-4	2.5 or less

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

Special specifications

Upon request, we can manufacture custom types with changed graduation numbers, graduation lines, dead zones, etc. Please contact your local Mitutoyo Sales Office for more information.

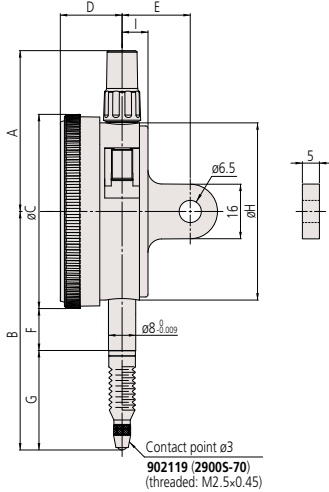
Optional Accessories

- Limit hand (2 pcs.), Bezel clamp
- Refer to page 07-31 for details.

DIMENSIONS

ISO/JIS
Type

Unit: mm

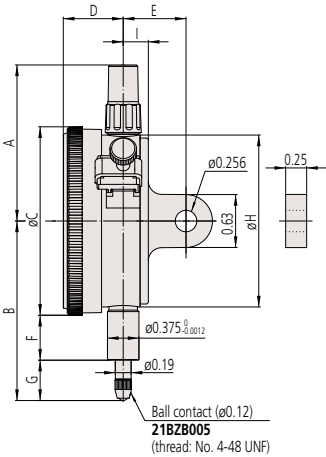


Code No.	A	B	C	D	E	F	G	H	I	Mass (g)	
										w/lug	Flat-back
2929A-60	47.2	70	57	18.1	20	12.3	29.2	52	7.6	146	137
2900A-70	47.2	67	57	18.1	20	12.3	26.2	52	7.6	150	141

Note: Refer to pages 07-63 to 07-68 for details of contact points.

ANSI/AGD
Type

Unit: in

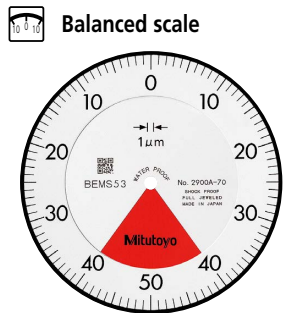


Code No.	A	B	C	D	E	F	G	H	I	Mass (g)	
										w/lug	Flat-back
2910A-72	1.86	2.02	2.24	0.71	3/4	0.54	0.36	2.05	0.30	150	141





Note: Refer to pages 07-63 to 07-68 for details of contact points.

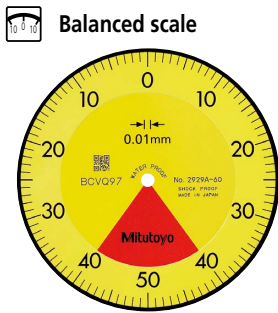
Dial Indicators

SERIES 2 — Standard One Revolution Type for Error-free Reading, Water-proof Type






Graduation: 0.001 mm,
Measuring range: 0.08 mm









 **One revolution**
 **Shockproof**
 **Waterproof**
 **Jeweled bearing**















Graduation: 0.01 mm,
Measuring range: 0.8 mm

 **One revolution**
 **Shockproof**
 **Waterproof**

FEATURES

Metric		ISO/JIS type		ANSI/AGD type	
Code No.					
w/lug	Flat-back				
2929A-60	2929AB-60	✓	✓	✓	✓
2900A-70	2900AB-70	✓	✓	✓	✓

Inch					
Code No.					
w/lug	Flat-back				
2910A-72	2910AB-72	✓	✓	✓	✓