

## Dial Indicators



### 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	Repeat-ability			
				1/10 Rev	1/2 Rev	1 Rev			Measuring range		
<b>2929A-60</b>	<b>2929AB-60</b>	0.01	0.8 (1)	5	—	—	8	3	3	40-0-40	2.0 or less
<b>2900A-70</b>	<b>2900AB-70</b>	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)		Repeat-ability (in)	Dial reading	Measuring force (N)
w/lug	Flat-back			First 1 Rev/2.5 Rev/10 Rev	Hysteresis			
<b>2910A-72</b>	<b>2910AB-72</b>	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.