

### SERIES 2 — Standard Type, 0.01 mm Graduation

- Standard 0.01 mm graduation dial gages having a bezel with an outside diameter of 57 mm.
- The bezel clamp and lifting lever (optional) can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- Watertight assembly of bezel and crystal as well as the use of an O-ring prevents water or oil penetration.
- The stem and spindle are made of high-strength quench-hardened stainless steel suitable for heavy-duty use.
- A carbide contact point is used.
- The grand gear is made of stainless steel with high resistance to wear and deformation.
- Application of an anti-reflective and hard surface coating improves scale visibility along with scratch and chemical resistance.





Graduation: 0.01 mm, Measuring range: 10 mm 2046A

With damper at top rest point

2046A-09
Shockproof

Reverse reading type. Suitable for depth and step measurement.



Graduation: 0.01 mm, Measuring range: 10 mm

With damper at top rest point

Continuous scale



Graduation: 0.01 mm, Measuring range: 10 mm 2310A-10

With coaxial revolution counter

**→ Jeweled bearing** 





Graduation: 0.01 mm, Measuring range: 5 mm 2044A

With damper at top rest point

2044A-09

With damper at top rest point

Shockproof



Graduation: 0.01 mm, Measuring range: 5 mm

2045A

With damper at top rest point



# ISO/JIS Type

Unit: mm

#### **Optional Accessories**

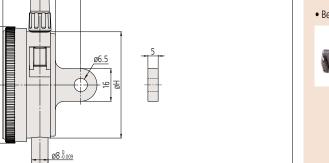
• Limit hand (2 pcs.): 21AZB195





• Bezel clamp: 21AZB148





Order No.	А	В	С	D	E	F	G	Н	I	Mas w/lug	ss (g) Flat-back
2046A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	144	135
2046A-09	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	146	137
2047A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	144	135
2902A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	144	135
2310A-10	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	146	137
2044A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136
2044A-09	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	147	138
2045A	47.2	65.2	57	18.1	20	16.9	19.8	52	7.6	145	136

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

## **FEATURES**

Metric									
Orde				<b>(</b>	64	(H)		$\overline{\Box}$	
w/lug	Flat-back	90 0 10	10 0 10	¥Ζ	5				
2046A	2046AB	1					~		
2046A-09	2046AB-09	1			~				
2047A	2047AB		~				~		
2902A	2902AB			~			~		
2310A-10	2310AB-10	1						~	~
2044A	2044AB	~					~		
2044A-09	2044AB-09	1			~				
2045A	2045AB		~				~		

# **SPECIFICATIONS**

JI ECII													
Metric		ı				SO/JIS type							
Order No.		Caralination	Range	Maximum permissible error				MPE) (µn	า)	D:-I	NA		
w/lug	Flat-back	Graduation (mm)	(range/rev) (mm)	Indication error				Hysteresis	Repeat-	Dial reading	Measuring force (N)		
				1/10 Rev	1/2 Rev	1 Rev	Measuring range	nysteresis	ability	reading	TOICE (IV)		
2046A	2046AB	0.01	10 (1)	5	9	10	13	3	3	±0-100	1.4 or less		
2046A-09	2046AB-09	0.01	10 (1)	5	9	10	15	3	3	±0-100	1.4 or less		
2047A	2047AB	0.01	10 (1)	5	9	10	13	3	3	0-50-0	1.4 or less		
2902A	2902AB	0.01	10 (1)	5	9	10	13	3	3	100-0	1.4 or less		
2310A-10	2310AB-10	0.01	10 (1)	5	9	10	15	3	3	±0-100	1.4 or less		
2044A	2044AB	0.01	5 (1)	5	9	10	12	3	3	±0-100	1.4 or less		
2044A-09	2044AB-09	0.01	5 (1)	5	9	10	12	3	3	±0-100	1.4 or less		
2045A	2045AB	0.01	5 (1)	5	9	10	12	3	3	0-50-0	1.4 or less		

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