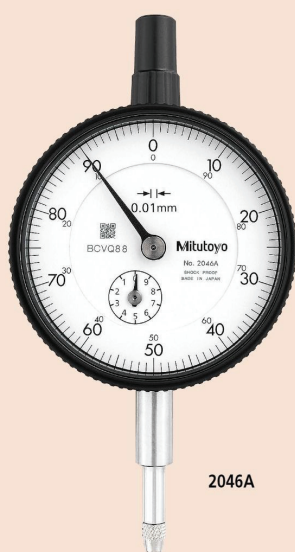




SERIES 2 — Standard Type, 0.01 mm Graduation

- 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.



2046A



Continuous scale



Graduation: 0.01 mm,
Measuring range: 10 mm

2046A

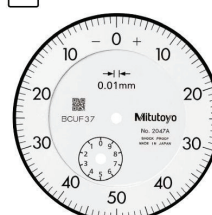
With damper at
top rest point

2046A-09

Shockproof



Balanced scale



Graduation: 0.01 mm,
Measuring range: 10 mm

2047A

With damper at
top rest point



Reverse reading type. Suitable
for depth and step measurement.



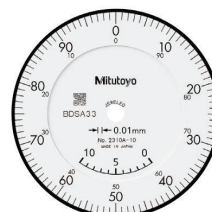
Graduation: 0.01 mm,
Measuring range: 10 mm

2902A

With damper at
top rest point



Continuous scale



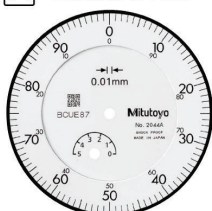
Graduation: 0.01 mm,
Measuring range: 10 mm

2310A-10

With coaxial revolution counter
 Jeweled bearing



Continuous scale



Graduation: 0.01 mm,
Measuring range: 5 mm

2044A

With damper at
top rest point

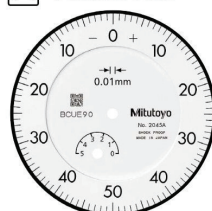
2044A-09

With damper at
top rest point

Shockproof



Balanced scale



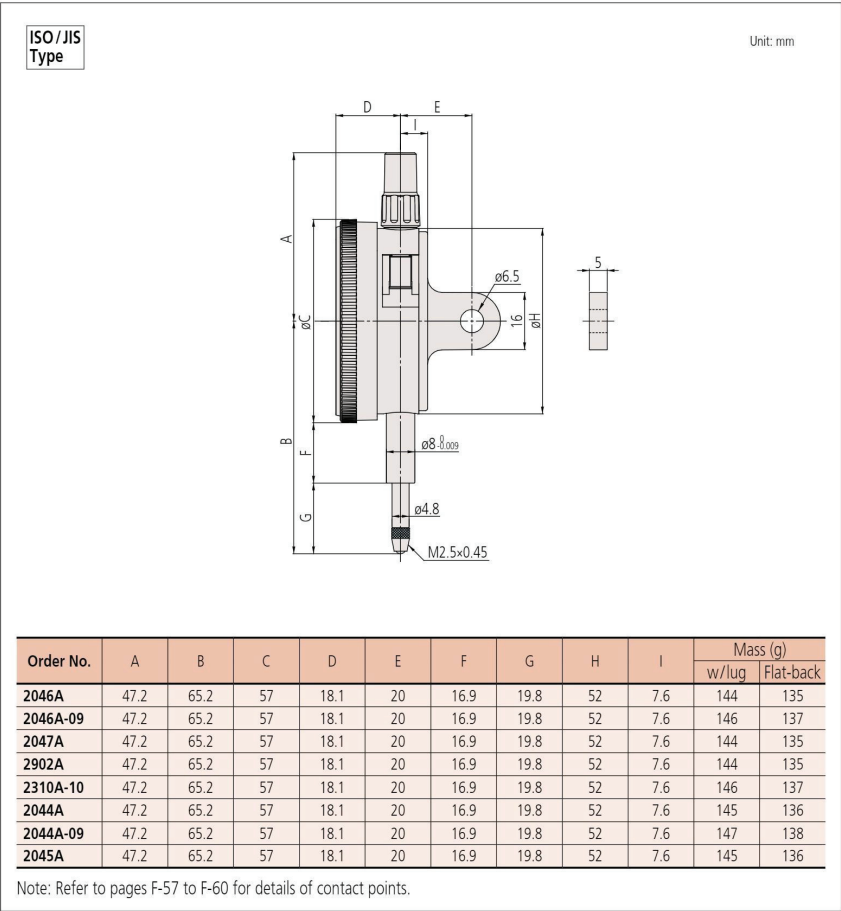
Graduation: 0.01 mm,
Measuring range: 5 mm

2045A

With damper at
top rest point

Dial Indicators

DIMENSIONS



Optional Accessories

- Limit hand (2 pcs.): 21AZB195



- Bezel clamp: 21AZB148



FEATURES

Metric									
Order No.		ISO/JIS	Flat-back	Flat-back	Flat-back	Flat-back	Flat-back	Flat-back	Flat-back
w/lug	Flat-back								
2046A	2046AB	✓							
2046A-09	2046AB-09	✓							
2047A	2047AB		✓						
2902A	2902AB			✓					
2310A-10	2310AB-10	✓							
2044A	2044AB	✓							
2044A-09	2044AB-09	✓							
2045A	2045AB		✓						

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			Indication error				Hysteresis	Repeat-ability				
				1/10 Rev	1/2 Rev	1 Rev	Measuring range						
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.