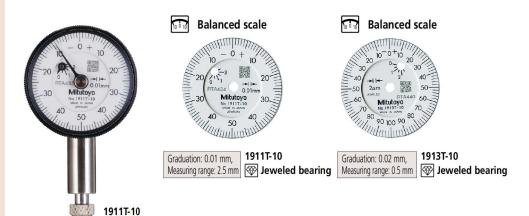


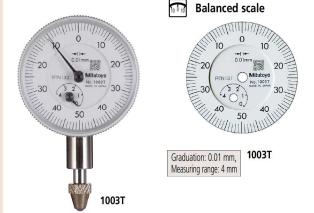
## **Dial Indicators**

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

## **SERIES 1 — Compact Type, Extra Small Diameter**

 Compact dial indicators with bezel diameters of 31 or 36 mm for restricted-space applications in gaging jigs.

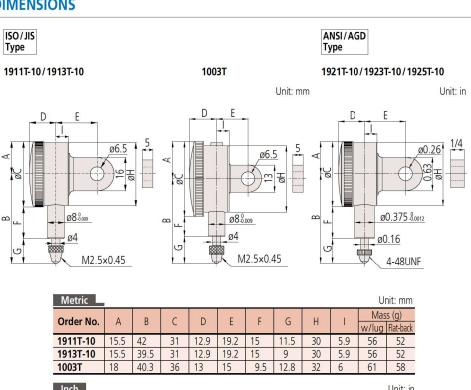






Comparison measuring instruments which ensure high quality, high accuracy and reliability.

## **DIMENSIONS**



Inch Unit: i											Unit: in	
	Order No.	٨	В	_	D	С	Е	G	Н		Mas	is (g)
		А	D	C	U	E	F	b	17	1	w/lug	Flat-back
ĺ	1921T-10	0.61	1.57	1.22	0.51	3/4	0.59	0.37	1.18	0.27	56	52
ĺ	1923T-10	0.61	1.51	1.22	0.51	3/4	0.59	0.31	1.18	0.27	56	52
ĺ	1925T-10	0.61	1.48	1.22	0.51	3/4	0.59	0.28	1.18	0.27	56	52

Note 1: Limit hands, bezel clamps and lifting levers cannot be installed.

Note 2: The shoulder on a contact point (standard accessory) acts as a stop to prevent spindle overrun that may otherwise damage the indicator. For this reason, if you need to install an optional contact point with an outside diameter smaller than 7 mm, use a washer (with outside diameter of at least 7 mm, inside diameter of 3 mm, and thickness of approx. 0.5 mm) placed between the contact point and the spindle.

Note 3: Being fixed by only two retaining screws, the back cannot be rotated by 90° to change the orientation of the lug.

## **SPECIFICATIONS**

Į	Metric	Metric ISO/JIS										
Ī	Order No.		Graduation	Range (range/rev)	Maximum permissible error (N				ЛРЕ) (µm)		Dial	Measuring
	w/lug Flat-back	(mm)	Indication error				Hysteresis	Repeat-	reading	force (N)		
	w/lug	Flat-Dack	(IIIIII)	(mm)	1/10 Rev	1/2 Rev	1 Rev	Measuring range	nysteresis	ability	reading	TOICE (IV)
Ī	1911T-10	1911TB-10	0.01	2.5 (1)	8	9	10	12	4	3	0-50-0	1.8 or less
	1913T-10	1913TB-10	0.002	0.5 (0.2)	2.5	4	5	6	2.5	1	0-100-0	1.8 or less
	1003T	1003TB	0.01	4 (1)	8	10	11	13	4	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.

Inch	ANSI/AGD type							
Ord	Order No.		Range	Accuracy (in)	Repeat-	Dial reading	Measuring force (N)	
w/lug	w/lug Flat-back (in) (range/rev) (in)		First 1 Rev/2.5 Rev/10 Rev	Retrace	ability (in)			
1921T-10	1921TB-10	0.001	0.1 (0.04)	±0.001/±0.001/—	0.0002	±0.0002	0-20-0	1.8 or less
1923T-10	1923TB-10	0.0005	0.05 (0.02)	±0.0005/±0.005/—	0.00016	±0.0001	0-10-0	1.8 or less
1925T-10	1925TB-10	0.0001	0.025 (0.01)	±0.0002/±0.0002/—	0.0001	±0.00003	0-5-0	1.8 or less

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

An inspection certificate is supplied as standard.

Refer to page U-11 for details.