

Dial indicator max permissible error JIS B7503

Unit: μm

Scale interval		0.01mm	0.002mm		0.001mm		
Measuring range		10mm max.	2mm max.	Over 2 mm and less than 10mm	1mm max	Over 1 mm and less than 2mm	Over 2 mm and less than 5mm
Retrace error		5	3	4	3	3	4
Repeatability		5	0.5	1	0.5	0.5	1
Indication error	1/10 revolution	8	4	5	2.5	4	5
	1/2 revolution	± 9	± 5	± 6	± 3	± 5	± 6
	One revolutions	± 10	± 6	± 7	± 4	± 6	± 7
	Two revolutions	± 15	± 6	± 8	± 4	± 6	± 8
	Whole measuring range	± 15	± 7	± 12	± 5	± 7	± 10

Dial test indicator max permissible error JIS B7533

Unit: μm

Scale interval mm	Measuring range mm	Wide-range forward accuracy	Neighboring error	Narrow-range Neighboring error	Repeatability	Backward error
0.01	0.5	5	5	3	3	3
	0.8	8				
	1.0	10				4
0.002	0.2	3	2	1	1	2
	0.28					

