

## Standard diametric tolerances chart

S.No	Size range in microns	Standard tolerances in microns	Checking method	
			Instrument used	Least count in microns
1	< 20	0.2	Laser micrometer / Conoptica	0.1
2	21 - 50	0.5		
3	51 - 100	-1	Precision micrometer or digital micrometer or dial micrometer or laser micrometer or conoptica.	0.2
4	101 - 200	-1		
5	201 - 500	-1		
6	501 - 1000	-1.5		
7	1001 - 1500	-2		
8	1501 - 2500	-3		
9	2501 - 5.500	-4		
10	5.501 - 10.000	-6	Dial Micrometer	1