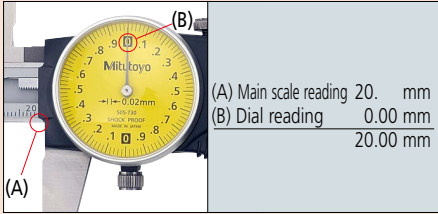




Reading



The series provides two types: Graduation 0.02 mm (2 mm/rev.) and Graduation 0.01 mm (1 mm/rev.).

Dial Caliper
 SERIES 505

ISO13385-1 compliant

- Easy-to-read yellow dial reduces the effect of parallax.
- The font used on the dial face and the main scale is easy to read.
- Large finger rest aids ease of use.



SPECIFICATIONS

Metric					
Code No.	Range (mm)	Graduation (mm)	Maximum permissible error (mm)*2		Remarks
			EMPE	SMPE	
505-730	0 - 150	0.02, 2/rev	±0.03	±0.05	—
505-734					Carbide-tipped jaws for outside measurement
505-735					Carbide-tipped jaws for outside and inside measurement
505-731	0 - 200	0.01, 1/rev	±0.04	±0.06	—
505-745	0 - 300				
505-732*1	0 - 150				
505-733*1	0 - 200	±0.03	±0.05		

Inch								
Code No.	Range (in)	Graduation (in)	Maximum permissible error (in)*2		Remarks			
			EMPE	SMPE				
505-740J	0 - 6	0.001, 0.1/rev	±0.001	±0.002	—			
505-742J*1					Blue Dial Face			
505-742-51J					Purple Dial Face			
505-742-52J					Green Dial Face			
505-742-54J					Red Dial Face			
505-742-55J					Orange Dial Face			
505-742-56J					Black Dial Face			
505-736*1					Carbide-tipped jaws for outside measurement			
505-738*1					Carbide-tipped jaws for outside and inside measurement			
505-744					Carbide-tipped jaws for outside measurement			
505-741J					0.001, 0.2/rev	±0.002	±0.0025	—
505-743J*1					0.001, 0.1/rev			Carbide-tipped jaws for outside measurement
505-737*1					0.001, 0.2/rev			Carbide-tipped jaws for outside and inside measurement
505-739*1	0.001, 0.2/rev	—						
505-749	0.001, 0.1/rev	Carbide-tipped jaws for outside measurement						
505-746*1	0.001, 0.2/rev	Carbide-tipped jaws for outside measurement						
505-750	0.001, 0.1/rev	Carbide-tipped jaws for outside and inside measurement						
505-747*1	0.001, 0.1/rev	—						
505-748*1	0.001, 0.1/rev	—						

*1 Silver cover type

*2 The Partial Surface Contact Error (EMPE) and Shift Error (SMPE) are terms defined by ISO 13385-1:2019.

DIMENSIONS

Unit: mm

Range (mm)	A	B	D	E	H	L
0 - 150	16.5	21	40	57.2	16	231
0 - 200	20	24.5	50			288
0 - 300	22	27.5	64	70.2	20	404

Outside jaw thickness: 3.5 mm
 (505-745: 3.8 mm)