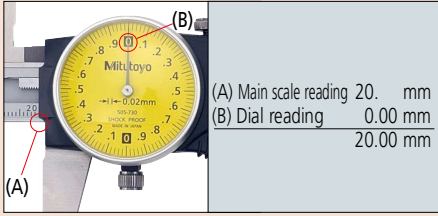




Dial Caliper SERIES 505

Reading



- Newly designed dial movement for ultra-smooth sliding.
- Easy-to-read yellow dial.
- Large finger-rest aids ease-of-use.
- Jaw tips are relieved for easy measurement of thin parts.



SPECIFICATIONS

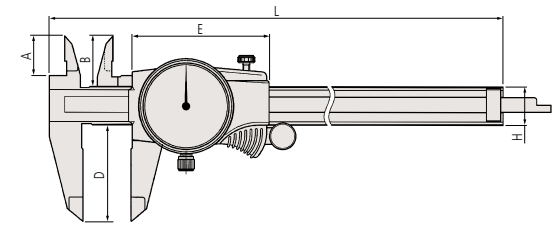
Metric					
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error (mm)*2		Remarks
			E_{MPE}	S_{MPE}	
505-730	0 - 150	0.02, 2/rev	±0.03	±0.05	—
505-734			±0.03	±0.05	Carbide-tipped jaws for outside measurement
505-735			±0.03	±0.05	Carbide-tipped jaws for outside and inside measurement
505-731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

Inch					
Order No.	Range (in)	Graduation (in)	Maximum permissible error (in)*2		Remarks
			E_{MPE}	S_{MPE}	
505-740J	0 - 6	0.001, 0.2/rev	±0.001	±0.002	—
505-742J*1			±0.001	±0.002	—
505-742-56J			±0.001	±0.002	—
505-742-51J	0 - 6	0.001, 0.1/rev	±0.001	±0.002	—
505-736*1			±0.001	±0.002	Carbide-tipped jaws for outside measurement
505-738*1			±0.001	±0.002	Carbide-tipped jaws for outside and inside measurement
505-744	0 - 8	0.001, 0.2/rev	±0.001	±0.002	Carbide-tipped jaws for outside measurement
505-741J			±0.002	±0.0025	—
505-743J*1			±0.002	±0.0025	—
505-737*1	0 - 8	0.001, 0.1/rev	±0.002	±0.0025	Carbide-tipped jaws for outside measurement
505-739*1			±0.002	±0.0025	Carbide-tipped jaws for outside and inside measurement
505-749			±0.002	±0.0025	—
505-746*1	0 - 12	0.001, 0.1/rev	±0.002	±0.0025	—
505-750			±0.002	±0.0025	Carbide-tipped jaws for outside measurement
505-747*1			±0.002	±0.0025	Carbide-tipped jaws for outside measurement
505-748*1	0 - 12	0.001, 0.1/rev	±0.002	±0.0025	Carbide-tipped jaws for outside and inside measurement

*1 Silver cover type

*2 Partial Surface Contact Error, E_{MPE} and Shift Error, S_{MPE} are terms (notations) used in 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	70.2	20	288
0 - 300	22	27.5	64	70.2	20	404

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