Reading

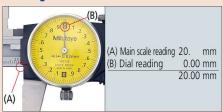|	
(A) Main scale reading	20. mm
(B) Dial reading	0.00 mm
	20.00 mm

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

Dial Caliper
SERIES 505

- 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.
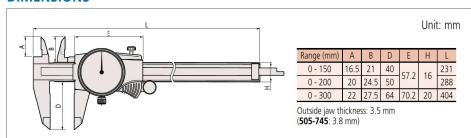

505-730

505-732

505-733

SPECIFICATIONS

Metric

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

Inch

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

*1 Silver cover type
*2 The Partial Surface Contact Error (E_{MPE}) and Shift Error (S_{MPE}) 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	57.2	16	288
0 - 300	22	27.5	64	70.2	20	404

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

Mitutoyo