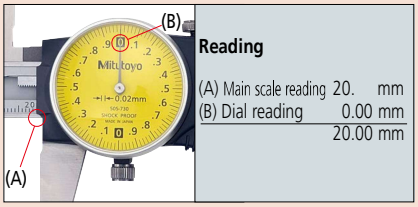
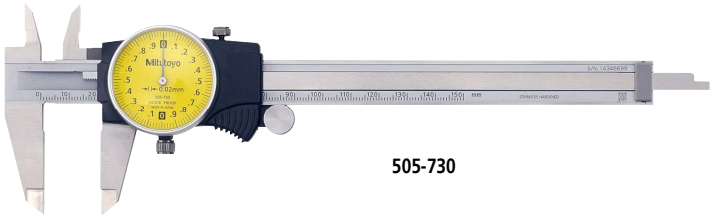
Dial Caliper
SERIES 505

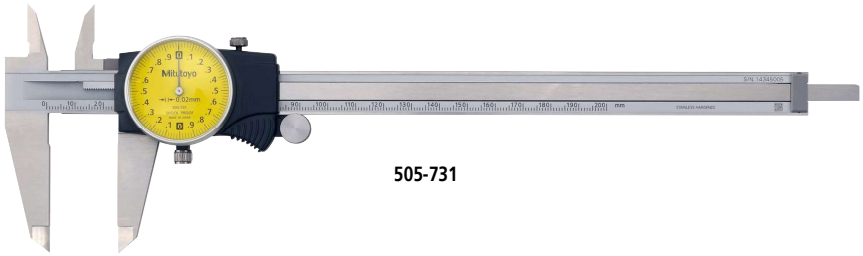
An inspection certificate is supplied as standard.
Refer to page U-11 for details.

- 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.
- Allows step measurement.

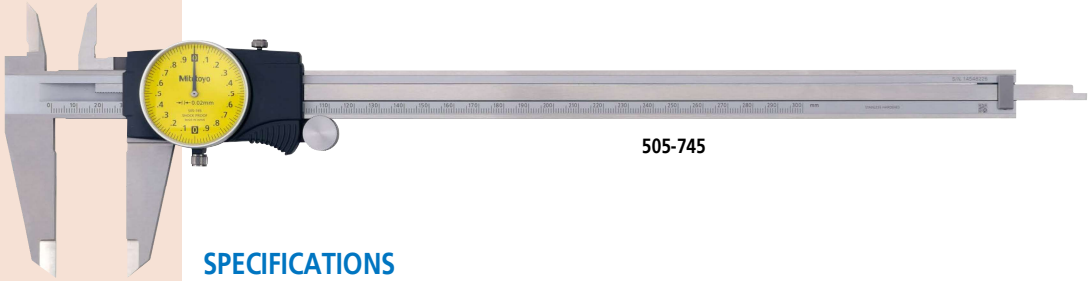




505-730

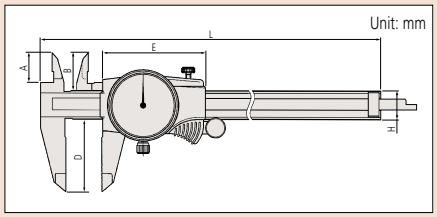


505-731



505-745

DIMENSIONS



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

SPECIFICATIONS

Metric

Order No.	Range (mm)	Graduation (mm)	Accuracy (mm)	Remarks
505-730	0 - 150	0.02, 2/rev	±0.03	
505-734				Carbide-tipped jaws for outside measurement
505-735				Carbide-tipped jaws for outside and inside measurement
505-732*		0.01, 1/rev	±0.02	—
505-731	0 - 200	0.02, 2/rev	±0.03	
505-733*		0.01, 1/rev		
505-745	0 - 300	0.02, 2/rev	±0.04	

* Silver cover type

Inch

Order No.	Range (in)	Graduation (in)	Accuracy (in)	Remarks
505-740J	0 - 6	0.001, 0.2/rev	±0.001	
505-742J*		0.001, 0.1/rev	±0.001	
505-742-56J			±0.001	
505-742-51J			±0.001	
505-736*			±0.001	Carbide-tipped jaws for outside measurement
505-738*			±0.001	Carbide-tipped jaws for outside and inside measurement
505-744		0.001, 0.2/rev	±0.001	Carbide-tipped jaws for outside measurement
505-741J	0 - 8		±0.002	
505-743J*		0.001, 0.1/rev	±0.002	—
505-737*		0.001, 0.2/rev	±0.002	Carbide-tipped jaws for outside measurement
505-739*			±0.002	Carbide-tipped jaws for outside and inside measurement
505-749	0 - 12		±0.002	—
505-746*		0.001, 0.1/rev	±0.002	
505-750		0.001, 0.2/rev	±0.002	Carbide-tipped jaws for outside measurement
505-747*		0.001, 0.1/rev	±0.002	Carbide-tipped jaws for outside and inside measurement
505-748*			±0.002	Carbide-tipped jaws for outside and inside measurement

* Silver cover type

Mitutoyo reserves the right to change any or all aspects of any product specification, including prices, designs and service content, without notice.