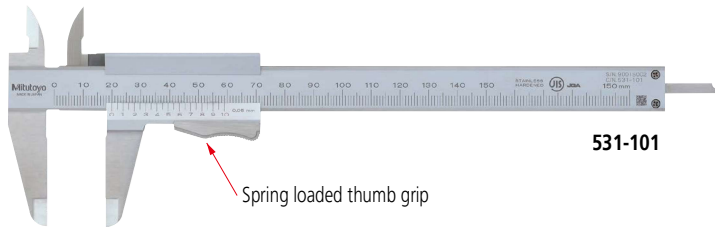


# Calipers

## Vernier Caliper SERIES 531 — with thumb grip

- The slider moves only when the spring-loaded thumb grip is depressed.
- Allows step measurement.



### SPECIFICATIONS

#### Metric

Order No.	Range (mm)	Graduation (mm)	Maximum permissible error (mm)* • $E_{MPE}$ (outside measurement) • $S_{MPE}$ (inside measurement)	Depth bar	Remarks
531-101	0 - 150	0.05	±0.05	Blade	—
531-102	0 - 200				
531-103	0 - 300				

#### Metric/Inch with metric/inch double scale

Order No.	Range	Graduation	Maximum permissible error*		Depth bar	Remarks
			$E_{MPE}$	$S_{MPE}$		
531-122	0 - 150 mm/0 - 6 in	0.05 mm (1/128 in)	±0.05 mm/±0.5/128 in	±0.07 mm/±0.5/128 in	Blade	with inch/mm conversion label
531-128		0.02 mm (0.001 in)	±0.03 mm/0.001 in	±0.05 mm/0.0015 in		High accuracy model
531-108	0 - 200 mm/0 - 8 in	0.05 mm (1/128 in)	±0.05 mm/±0.5/128 in	±0.07 mm/±0.5/128 in		—
531-129		0.02 mm (0.001 in)	±0.03 mm/0.001 in	±0.05 mm/0.0015 in		High accuracy model
531-109		0.05 mm (1/128 in)	±0.08 mm/±0.5/128 in	±0.10 mm/±0.5/128 in		—
531-112	0 - 300 mm/0 - 12 in	0.02 mm (0.001 in)	±0.04 mm/0.0015 in	±0.06 mm/0.0020 in		High accuracy model

\* Partial Measuring Face Contact Error,  $E_{MPE}$  and Shift Error,  $S_{MPE}$  are terms (notations) used in JIS B 7507: 2016, revised based on ISO 13385-1: 2011. The measurement method is the same as before. Refer to page D-45 for details.

### DIMENSIONS

Unit: mm

\* ( ): Dimension in 0 to 300 mm/0 to 12 inch model

Range	A	B	D	H	L
0 - 150 mm/0 - 6 in	17	21.5	40	16	229
0 - 200 mm/0 - 8 in	20.5	25	50	16	288
0 - 300 mm/0 - 12 in	22	27.5	64	20	404

Jaw thickness: 3 mm for 0 to 150 mm/0 to 6 inch and 0 to 200 mm/0 to 8 inch models  
3.8 mm for 0 to 300 mm/0 to 12 inch model