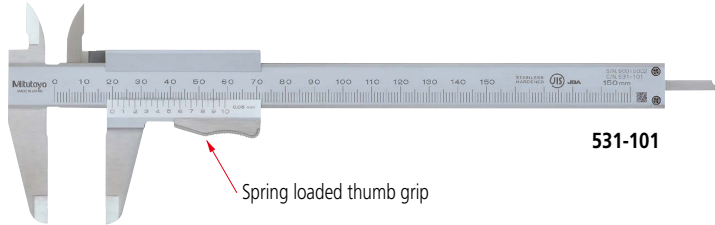


Calipers

Vernier Caliper SERIES 531 — with Thumb Grip

ISO13385-1 compliant

- The slider position is fixed by an automatic clamp, and the measured value can be kept after a workpiece is removed.
- This feature is helpful when measuring at an invisible point of a workpiece or reading a value without a workpiece.



531-101

SPECIFICATIONS

Metric						
Code No.	Range (mm)	Graduation (mm)	Maximum permissible error (mm)*		Depth bar	Remarks
			EMPE	SMPE		
531-101	0 - 150	0.05	±0.05	±0.07	Blade	—
531-102	0 - 200					
531-103	0 - 300					

Metric / Inch with metric/inch double scale						
Code No.	Range	Graduation	Maximum permissible error*		Depth bar	Remarks
			EMPE	SMPE		
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/0.002 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/0.002 in		High accuracy model
531-109	0 - 300 mm/0 - 12 in	0.05 mm (1/128 in)	±0.08 mm/±0.5/128 in	±0.10 mm/±0.5/128 in		—
531-112		0.02 mm (0.001 in)	±0.04 mm/0.0015 in	±0.06 mm/0.0025 in		High accuracy model

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

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		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



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