

Calipers

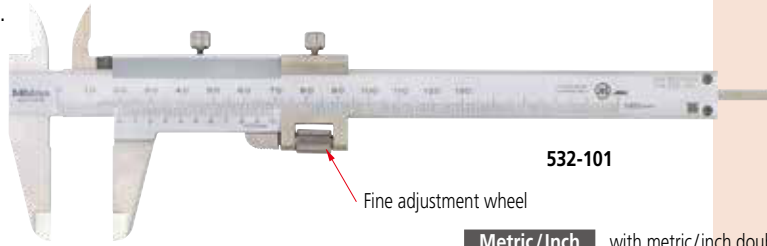
An industry standard measuring tool

Vernier Caliper 532 Series — with fine adjustment

- Fine-adjustment aids slider positioning.
- Allows step measurement.

Technical Data

Graduation: 0.02 mm, 0.02 mm (0.001 in) or 0.001 in (1/128 in)



532-101

Fine adjustment wheel

SPECIFICATIONS

Metric				
Order No.	Range (mm)	Maximum Permissible Error (mm) •EMPE (outside measurement) •SMPE (inside measurement)	Depth bar	Remarks
532-101	0 - 130	±0.03	Blade	with fine adjustment
532-102	0 - 180	±0.03		
532-103	0 - 280	±0.04		

Metric/Inch with metric/inch double scale					
Order No.	Range (mm)	Accuracy (mm)	Depth bar	Graduation	Remarks
532-119	0 - 130	±0.03	Blade	0.001 in	with fine adjustment
532-120	0 - 180	±0.03			
532-121	0 - 280	±0.04			

DIMENSIONS

Unit: mm

Range	A	B	D	E	F	H	L
0 - 130 mm/0 - 5 in	17	21.5	40	53.5	31.2	16	229
0 - 180 mm/0 - 7 in	20.5	25	50	53.5	31.2	16	288
0 - 280 mm/0 - 11 in	22	27.5	64	66.5	38	20	404

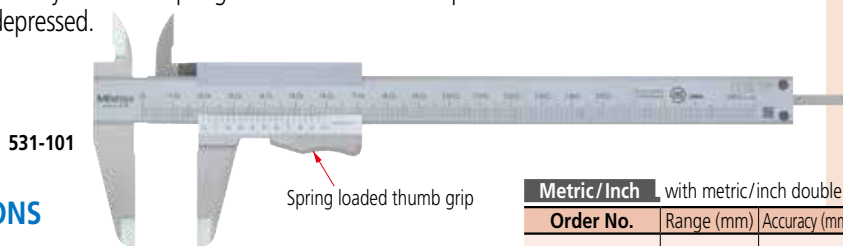
Jaw thickness: 3 mm for 0 - 130 mm/0 - 5 inch and 0 - 180 mm/0 - 7 inch models
3.8 mm for 0 - 280 mm/0 - 11 inch model

Vernier Caliper 531 Series — with thumb grip

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

Technical Data

Graduation: 0.05 mm, 0.05 mm (1/128 in) or 0.001 in (1/128 in)
High accuracy type:
0.02 mm or 0.02 mm (0.001 in)



531-101

Spring loaded thumb grip

SPECIFICATIONS

Metric					
Order No.	Range (mm)	Maximum Permissible Error (mm) •EMPE (outside measurement) •SMPE (inside measurement)	Depth bar	Remarks	
531-101*	0 - 150	±0.05	Blade	—	
531-102*	0 - 200				
531-103*	0 - 300				±0.08

* Graduation: 0.05 mm

Metric/Inch with metric/inch double scale					
Order No.	Range (mm)	Accuracy (mm)	Depth bar	Graduation (in)	Remarks
531-122	0 - 150	±0.05	Blade	1/128	with inch/mm conversion label
531-128*		±0.03		0.001	High accuracy model
531-108	0 - 200	±0.05		1/128	—
531-129*		±0.03		0.001	High accuracy model
531-109	0 - 300	±0.08		1/128	—
531-112*		±0.04		0.001	High accuracy model

* Graduation: 0.02 mm

DIMENSIONS

Unit: mm

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 - 150 mm/0 - 6 inch and 0 - 200 mm/0 - 8 inch models
3.8 mm for 0 - 300 mm/0 - 12 inch model

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