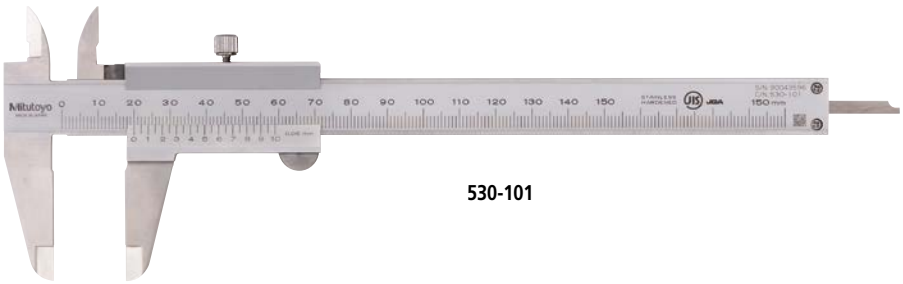
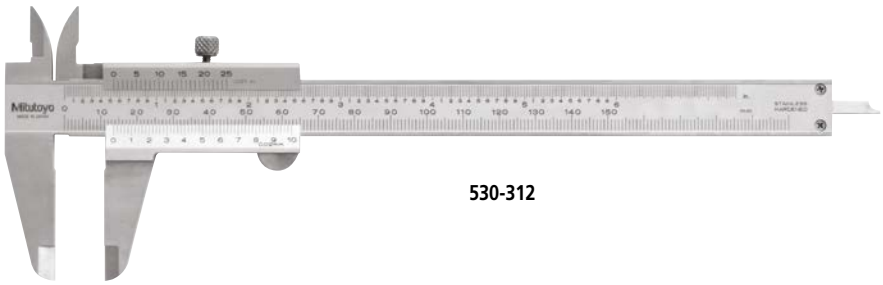
Calipers

SERIES 530 – Vernier Caliper

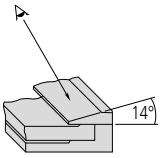
- Stepped graduation face prevents dust ingress between the main scale and slider.
- The small vernier face angle (14°) provides easy reading.
- Can measure outside and inside dimensions, depth, and steps.
- Carbide-tipped jaw calipers give the longest life when measuring rough finished parts, castings, grinding wheels, etc.
- Decimal and fractional graduated scales (metric/inch and inch models only).

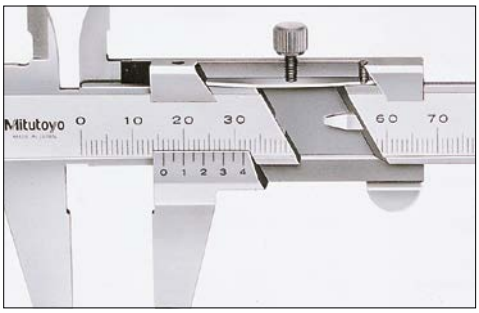


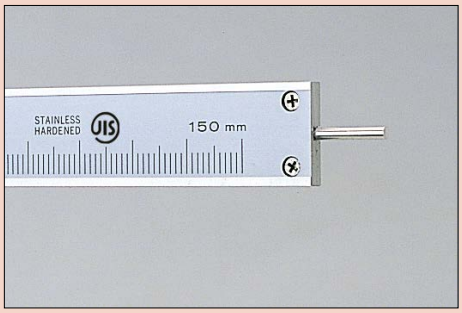
530-101



530-312







530-102 (round rod depth bar type).

530-320 (carbide-tipped jaw type).

Specifications

Metric

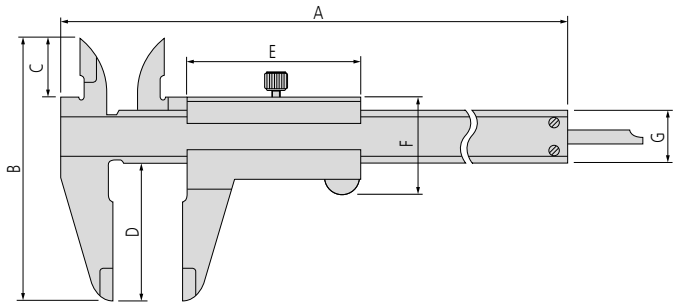
Code No.	Range	Accuracy	Graduation	Depth bar	Remarks
530-102	0 - 150 mm	±0.05 mm	0.05 mm	ø1.9 mm rod	—
530-101				Blade	—
530-320					Carbide-tipped jaws for outside measurement
530-108	0 - 200 mm	±0.08 mm			—
530-321					Carbide-tipped jaws for outside measurement
530-109	0 - 300 mm				—
530-322					Carbide-tipped jaws for outside measurement
530-501	0 - 600 mm	±0.1 mm		—	—
530-502	0 - 1000 mm	±0.15 mm			

Inch/Metric

Code No.	Range	Accuracy	Graduation	Depth bar	Remarks
530-104	0 - 150 mm (0 - 6")	±0.05 mm	0.05 mm (1/128")	Blade	—
530-312		±0.03 mm	0.02 mm (.001")		High accuracy model
530-118	0 - 200 mm (0 - 8")	±0.03 mm	0.02 mm (.001")		High accuracy model: ±0.03 mm
530-115	0 - 300 mm (0 - 12")	±0.08 mm	0.05 mm (1/128")		—
530-119		±0.04 mm	0.02 mm (.001")		High accuracy model: ±0.04 mm

Dimensions

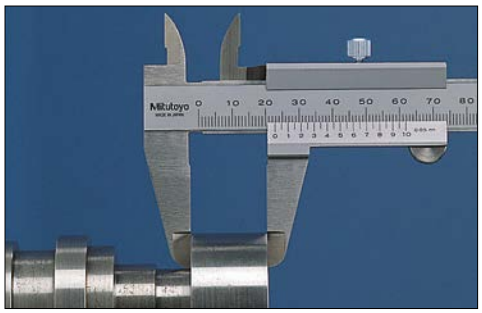
Unit: mm



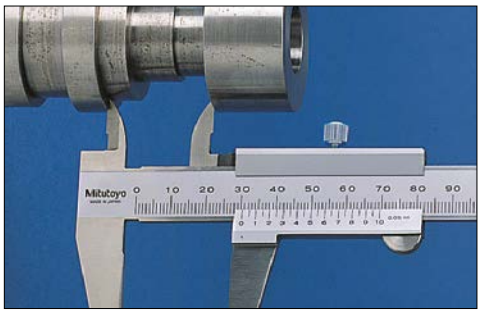
Range	A	B	C	D	E	F	G	Outside jaw thickness
0 - 100 mm	182	77.5	17	40	53.5	30	16	3
0 - 150 mm	229							
0 - 200 mm	288	91	20.5	50				
0 - 300 mm	404	111.5	22	64	66.5	36	20	3.8
0 - 600 mm	780	162	38	90	89	50	25	6
0 - 1000 mm	1240	222	50	130	111	61	32	8

Note: Code No. 530-102 incorporates a round rod depth bar (ø1.9 mm). The depth bar shown above is a blade type.

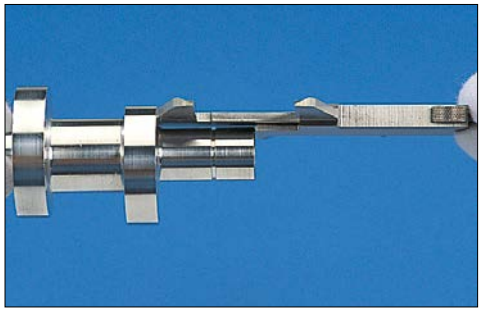
Measurement Applications



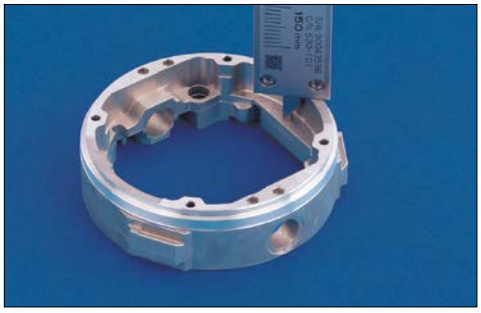
Outside measurement.



Inside measurement.



Step measurement.



Depth measurement.

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