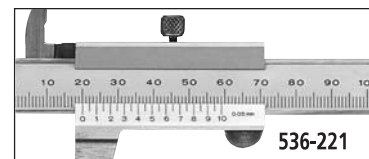


Scribing Caliper

SERIES 573, 536



573-171-10



536-221



SPECIFICATIONS

Metric	Absolute scribing caliper		
Range	Order No.	Resolution	Accuracy
0 - 150mm	573-171-10	0.01mm	±0.02mm
0 - 200mm	573-172-10	0.01mm	±0.02mm
0 - 300mm	573-173-10	0.01mm	±0.03mm

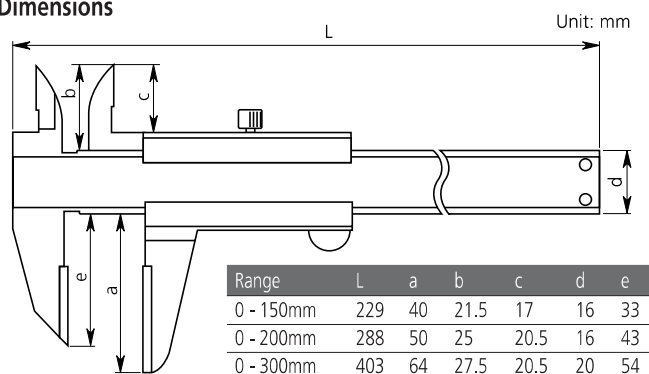
Excluding quantizing error

Metric	Scribing vernier caliper		
Range	Order No.	Resolution	Accuracy
0 - 150mm	536-221	0.05mm	±0.05mm
0 - 200mm	536-222	0.05mm	±0.05mm
0 - 300mm	536-223	0.05mm	±0.08mm

FEATURES

- The carbide-tipped jaws facilitate fine scribing on workpieces.
- With Depth bar.
- The 573 series (LCD readout type) is provided with SPC output.

Dimensions



Digimatic Snap Caliper

SERIES 573



573-181-10



SPECIFICATIONS

Metric			
Range	Order No.	Resolution	Accuracy
0 - 100mm	573-181-10	0.01mm	±0.02mm
0 - 150mm	573-182-10	0.01mm	±0.02mm

Excluding quantizing error

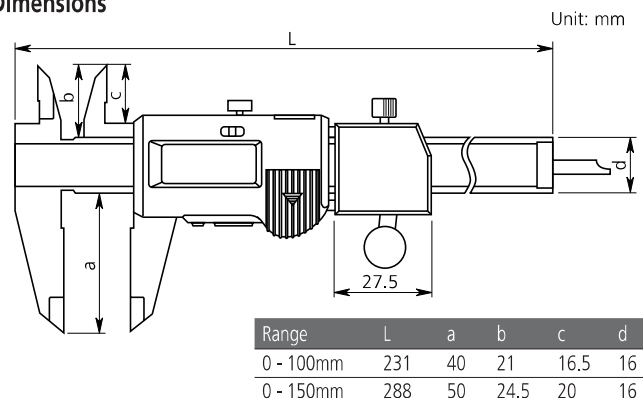
Inch/Metric			
Range	Order No.	Resolution	Accuracy
0 - 4" (0 - 100mm)	573-281-10	.0005"/0.01mm	±.001"
0 - 6" (0 - 150mm)	573-282-10	.0005"/0.01mm	±.001"

Excluding quantizing error

FEATURES

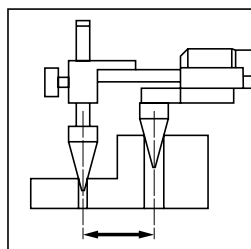
- The Digimatic Snap Caliper features a spring-loaded mechanism to allow quick and efficient GO/NO-GO inspection for mass-produced parts.
- The moving jaw retraction: 2mm
- Repeatability: 0.01mm (.0005")
- With SPC data output.

Dimensions



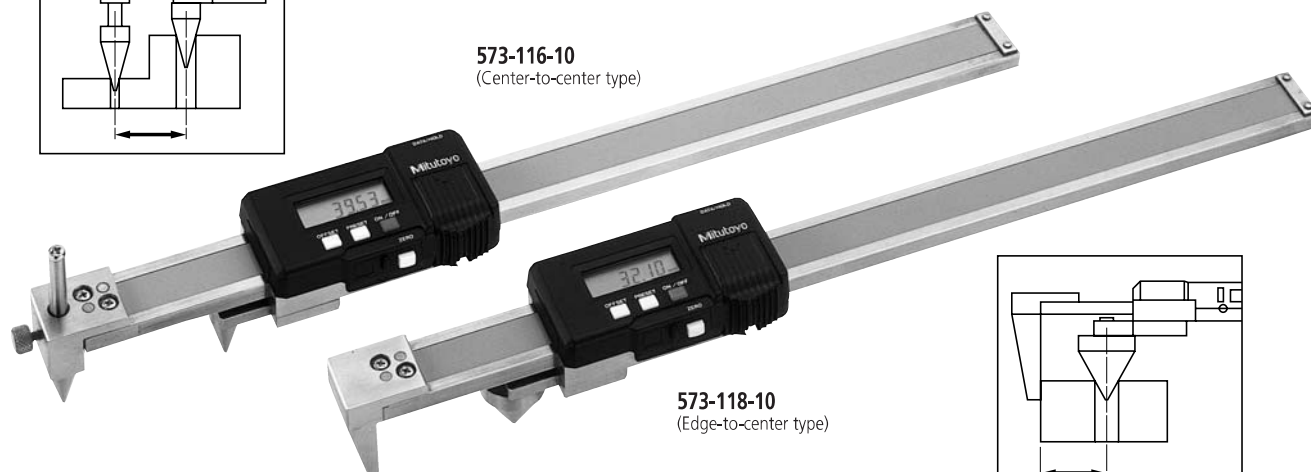
Back-Jaw Centerline Caliper

SERIES 573 — Center-to-center & Edge-to-center Types

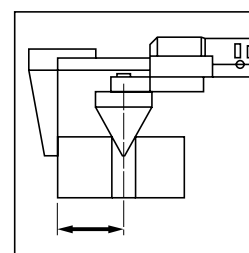


573-116-10
(Center-to-center type)

SPC **ABSOLUTE**



573-118-10
(Edge-to-center type)



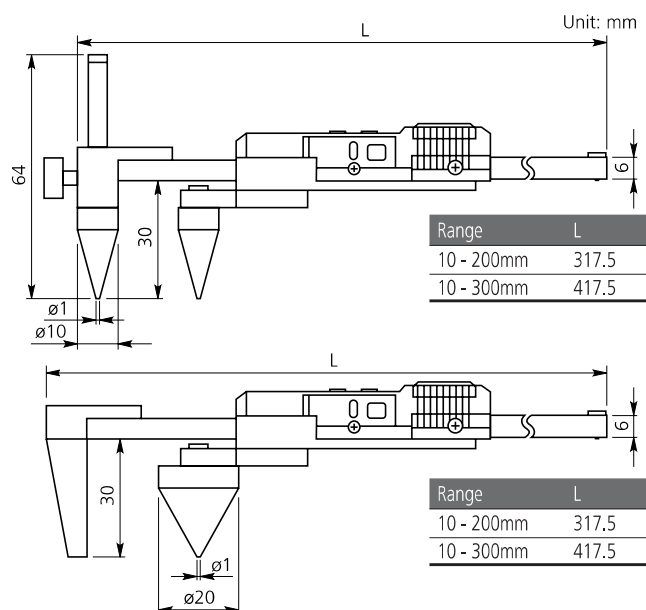
FEATURES

- Specially designed to measure the distance between two centers or the distance from an edge to center.
- Provided with jaws on the back of the slider, measurements can be read easily by looking down.
- Direct reading of pitch measurements is available due to the offset value setting function.
- With SPC data output.

Technical Data

Display: LCD
Functions: Origin-Set, Zero-Set, power on/off, inch/mm conversion (inch/mm type only), SPC data output, data hold (optional), offset, preset
Battery: SR44 (1 pc.) (938882)
Battery life: Approx. 3.5 years under normal use
Maximum response speed: Unlimited
Alarm: Low battery voltage, scale contamination, counting value composition error
Operating temperature: 0°C to 40°C

Dimensions



OPTIONAL ACCESSORIES

Order No.	Description
959143	Data Hold Unit
959149	SPC cable with data switch (1m)
959150	SPC cable with data switch (2m)

SPECIFICATIONS

Metric					
Range	Order No.	Resolution	Accuracy	Mass	Remarks
10 - 200mm	573-116-10	0.01mm	±0.10mm	482g	Center-to-center distance type
	573-118-10	0.01mm	±0.10mm	485g	Edge-to-center distance type
10 - 300mm	573-117-10	0.01mm	±0.15mm	578g	Center-to-center distance type
	573-119-10	0.01mm	±0.15mm	581g	Edge-to-center distance type

Excluding quantizing error



Inside Caliper

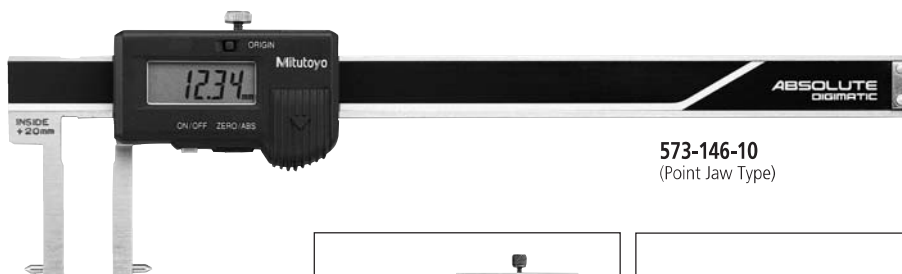
SERIES 573, 536 — Knife-Edge/Inside Groove/Point Jaw Type



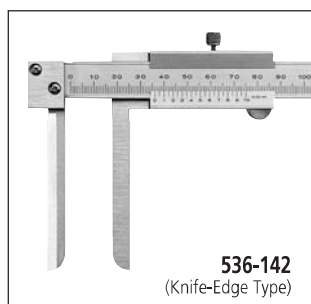
573-142-10
(Knife-Edge Type)



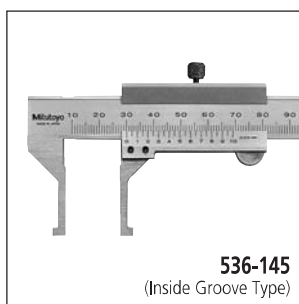
573-145-10
(Inside Groove Type)



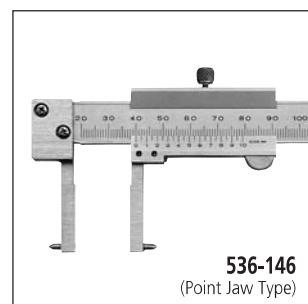
573-146-10
(Point Jaw Type)



536-142
(Knife-Edge Type)



536-145
(Inside Groove Type)



536-146
(Point Jaw Type)

FEATURES

- Specially designed for inside measurements in hard to reach places.
- The 573 series (LCD readout type) is provided with SPC output.

SPECIFICATIONS

Metric Absolute inside caliper

Range	Order No.	Resolution	Accuracy	Remarks
10 - 200mm	573-142-10	0.01mm	±0.05mm	Knife-edge type
10 - 150mm (+10mm)	573-145-10	0.01mm	±0.05mm	Inside groove type
20 - 150mm (+20mm)	573-146-10	0.01mm	±0.03mm	Point jaw type

Excluding quantizing error

Inch/Metric Absolute inside caliper

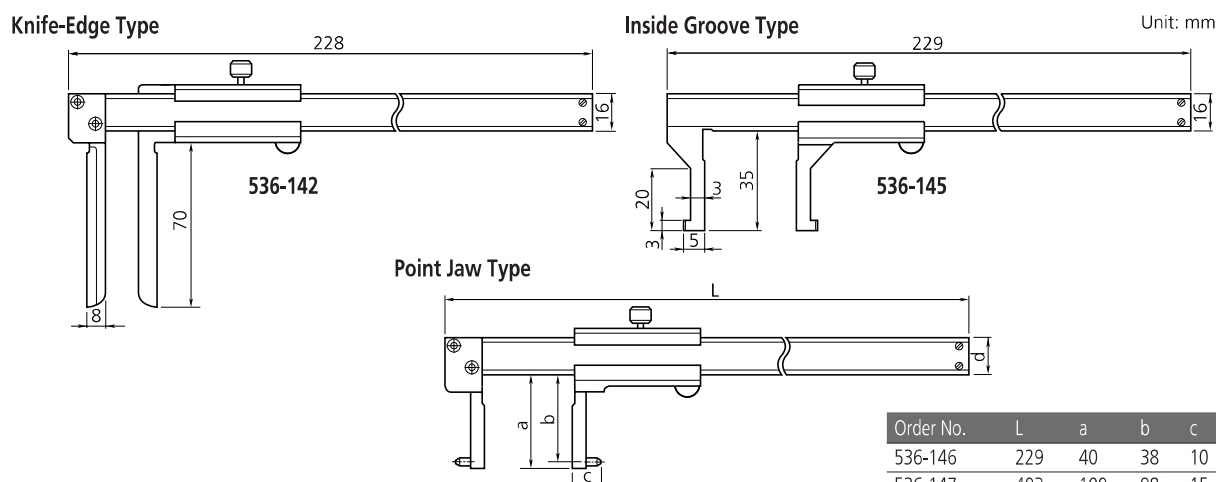
Range	Order No.	Resolution	Accuracy	Remarks
.4" - 8"/10 - 200mm	573-242-10	.0005"/0.01mm	±.002"	Knife-edge type
.4" - 6" (+.4")/10.16 - 150mm (+10.16mm)	573-245-10	.0005"/0.01mm	±.002"	Inside groove type
.8" - 6" (+.8")/20.32 - 150mm (+20.32mm)	573-246-10	.0005"/0.01mm	±.0015"	Point jaw type

Excluding quantizing error

Metric Inside vernier calipers

Range	Order No.	Vernier reading	Accuracy	Remarks
10 - 200mm	536-142	0.05mm	±0.12mm	Knife-edge type
10 - 150mm	536-145	0.05mm	±0.05mm	Inside groove type
20 - 150mm	536-146	0.05mm	±0.05mm	Point jaw type
30 - 300mm	536-147	0.05mm	±0.08mm	Point jaw type
70 - 450mm	536-148	0.05mm	±0.10mm	Point jaw type
70 - 600mm	536-149	0.05mm	±0.12mm	Point jaw type

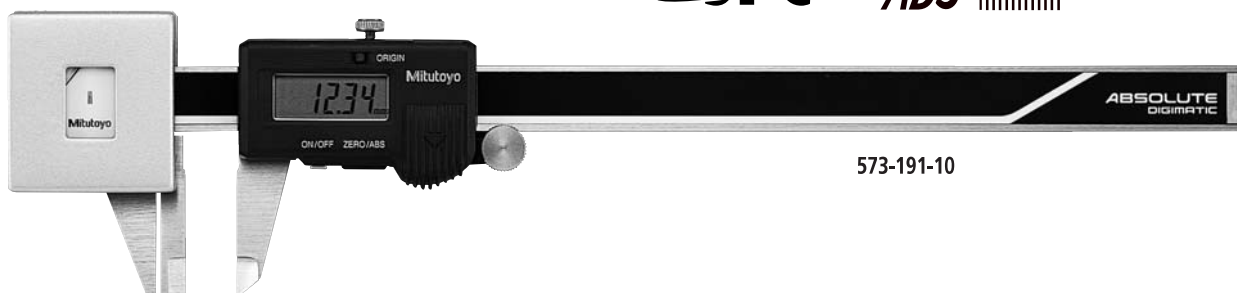
Dimensions



Order No.	L	a	b	c	d
536-146	229	40	38	10	16
536-147	403	100	98	15	20
536-148	610	150	145	35	25
536-149	750	150	145	35	25

Absolute Low Force Caliper

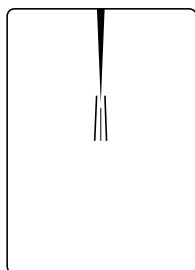
SERIES 573



573-191-10

FEATURES

- Due to the low measuring force these calipers are ideal for elastic or resilient workpieces such as plastic parts and rubber parts that standard calipers cannot measure.



Technical Data

Display: LCD
Functions: Origin-Set, Zero-Set, power on/off, inch/mm conversion (inch/mm type only), SPC data output, data hold (optional)
Battery: SR44 (1 pc.) (938882)
Battery life: Approx. 3.5 years under normal use
Maximum response speed: Unlimited
Alarm: Low battery voltage, scale contamination, counting value composition error
Operating temperature: 0°C to 40°C

(To measure resilient workpieces take the measurement when the pointer is between the two index lines.)

- Constant force: 0.49N to 0.98N (50 to 100gf)
- The jaw on the beam travels 0.3mm.
- Data output function

SPECIFICATIONS

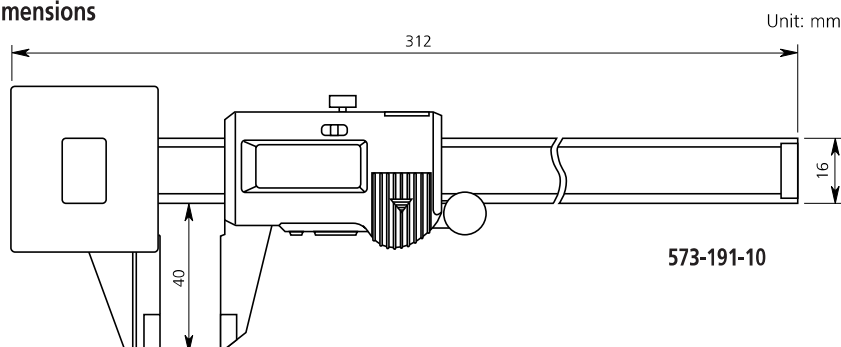
Metric

Range	Order No.	Resolution	Accuracy	Mass
0 - 180mm	573-191-10	0.01mm	±0.05mm	247g

Inch/Metric

Range	Order No.	Resolution	Accuracy	Mass
0 - 7" (0 - 180mm)	573-291-10	.0005"/0.01mm	±.002"	.54 lbs.

Dimensions



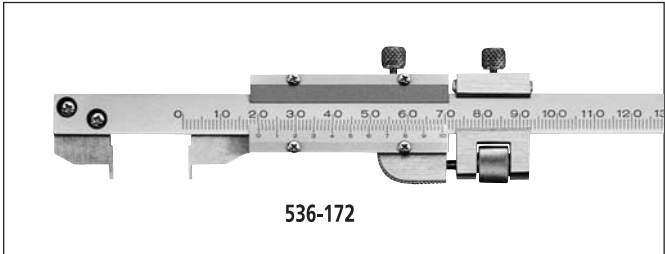
573-191-10

Hook Type Vernier Caliper

SERIES 536



536-171



536-172

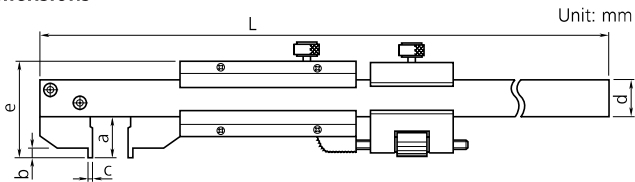
FEATURES

- Can measure width of grooves and lands inside bores and recesses.

SPECIFICATIONS

Metric					
Range (OD)	Range (ID)	Order No.	Vernier reading	Accuracy	Remarks
0 - 200mm	10 - 200mm	536-171	0.02mm	±0.03mm	—
0 - 200mm	2 - 200mm	536-172	0.02mm	±0.03mm	with fine adjustment

Dimensions



Order No.	L	a	b	c	d	e
536-171	310	12	4	5	11	28
536-172	310	12	4	1	11	28

