

Technical Data

Counter Reading : 0.01mm or .001"

Flatness: 0.6µm/0.00024"

Parallelism:

$(2 + R/100)\mu\text{m}$, R = max. range (mm)

$[.00008" + .00004(R/4)]"$ R = max. range (inch)

fraction rounded down

Standard accessories: Reference bar, 1 pc

(except for measuring range 0-25mm (0-1") models)

Spanner (301336), 1 pc

Digit Outside Micrometers SERIES 193

- Mechanical digit counter with 0.01mm or .001" resolution for quick and error-free reading.
- Measuring faces: Carbide

- Equipped with Ratchet Stop for constant measuring force.

SPECIFICATIONS

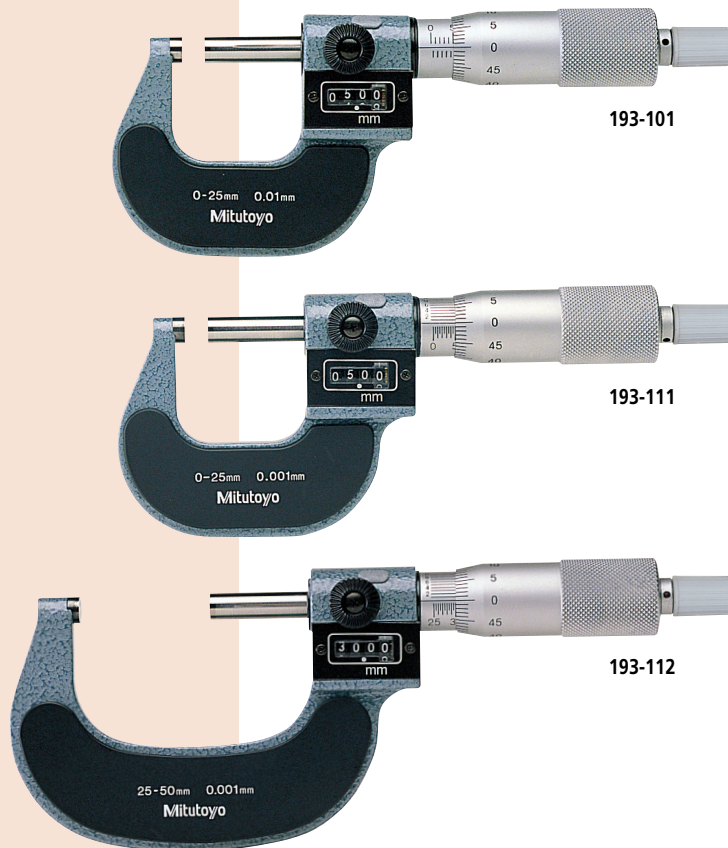
Metric	With ratchet stop		
Order No.	Range	Graduation	Accuracy
193-101	0 - 25mm	0.01mm	±2µm
193-111		0.001mm	
193-102		0.01mm	
193-112	25 - 50mm	0.001mm	±2µm
193-103		0.01mm	
193-113	50 - 75mm	0.001mm	±3µm
193-104		0.01mm	
193-114		0.001mm	

Inch	With ratchet stop		
Order No.	Range	Graduation	Accuracy
193-213	2" - 3"	.0001"	±.0001"
193-214	3" - 4"		±.00015"

Inch	With friction thimble		
Order No.	Range	Graduation	Accuracy
193-211	0 - 1"	.0001"	±.0001"
193-212	1" - 2"		

Metric	Micrometer set	
Order No.	Range	Models included
193-901	0 - 75mm (3 pcs./set)	• 193-101, 193-102, 193-103 • 2 micrometer standards
193-902	0 - 100mm (4 pcs./set)	• 193-101, 193-102, 193-103, 193-104 • 3 micrometer standards

Inch	Micrometer set	
Order No.	Range	Models included
193-923	0 - 3" (3 pcs./set)	• 193-211, 193-212, 193-213 • 2 micrometer standards



DIMENSIONS

