

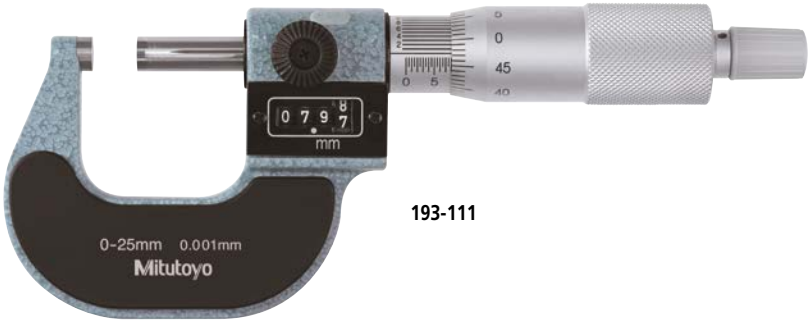
Micrometers

SERIES 193 – Mechanical Counter Micrometer

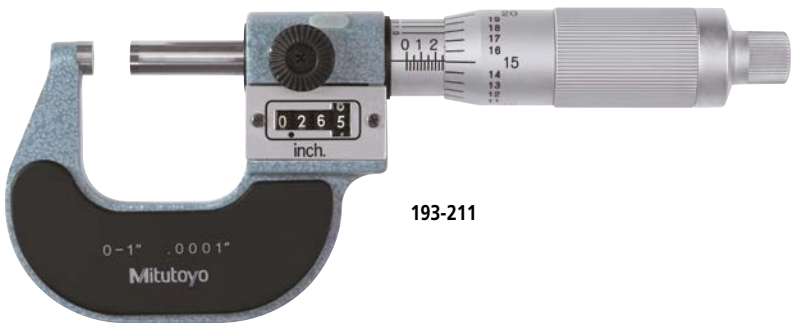
- Mechanical digit counter with 0.01 mm or .001" resolution for quick and error-free reading.
- Measuring faces: carbide.
- Equipped with Ratchet Stop for constant measuring force.

Technical Data

Counter reading: 0.01 mm or .001"
Flatness: 0.6 μm (.000024")
Parallelism*: (2+R/100) μm , [.00008+.00004 (R/4)]"
* R = max. range (mm/inch).
Note: Fractions rounded down.



193-111



193-211



Specifications

Metric				
Code No.	Range	Graduation	Accuracy	
With ratchet stop				
193-101	0 - 25 mm	0.01 mm	±2 μm	
193-111		0.001 mm		
193-102	25 - 50 mm	0.01 mm		
193-112		0.001 mm		
193-103	50 - 75 mm	0.01 mm		
193-113		0.001 mm		
193-104	75 - 100 mm	0.01 mm	±3 μm	
193-114		0.001 mm		

Inch				
Code No.	Range	Graduation	Accuracy	
With friction thimble				
193-211	0 - 1"	.0001"	±.0001"	
193-212	1 - 2"			
With ratchet stop				
193-213	2 - 3"	.0001"	±.0001"	
193-214	3 - 4"		±.00015"	

Dimensions

