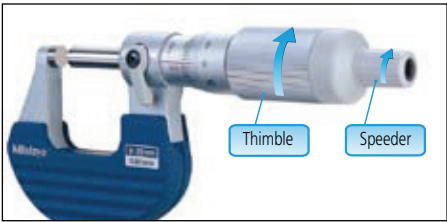


# Ratchet Thimble Micrometer

**SERIES 102 — New smoother action Ratchet Thimble**

## FEATURES

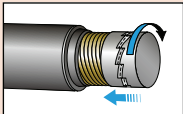
- Ratchet function works both from the thimble and the speeder, allowing easy one-handed operation.
- Clearly audible ratchet operation for reassurance that measurement is being performed at constant, preset force.
- Provided with a Certificate of Inspection.



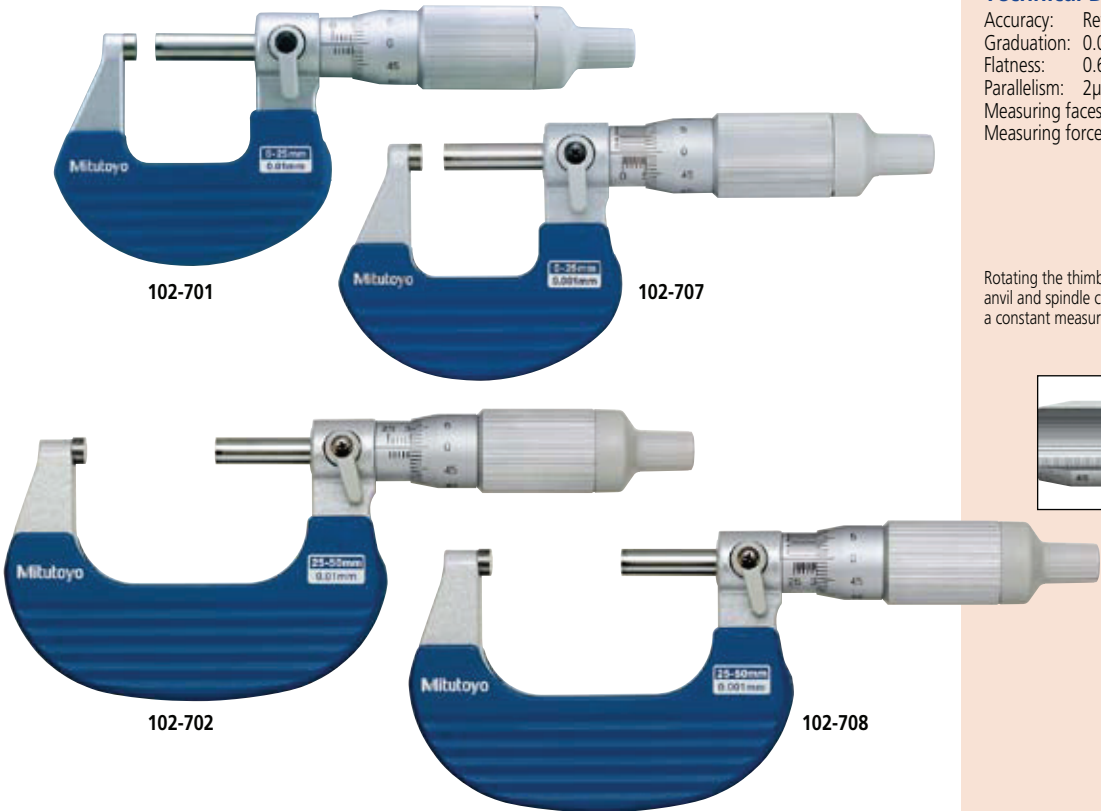
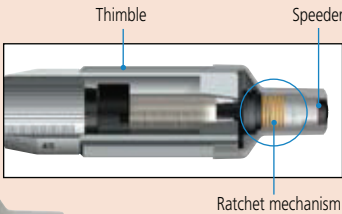
(Refer to page VIII for details.)

## Technical Data

Accuracy: Refer to the list of specifications.  
Graduation: 0.01mm, 0.001mm, or .0001"  
Flatness: 0.6µm/0.00024"  
Parallelism: 2µm/0.0008"  
Measuring faces: Carbide  
Measuring force: 5 - 10N



Rotating the thimble/speeder when the workpiece is between the anvil and spindle causes the ratchet mechanism to operate and apply a constant measuring force to the workpiece.



## SPECIFICATIONS

Metric		
Range	Order No.	Accuracy
0 - 25mm	102-701	±2µm
	102-707*	±2µm
25 - 50mm	102-702	±2µm
	102-708*	±2µm

\*0.001mm reading is obtained with vernier.

Inch		
Range	Order No.	Accuracy
0 - 1"	102-717*	±.0001"
1 - 2"	102-718*	±.0001"

\*.0001" reading is obtained with vernier.

## DIMENSIONS AND MASS

