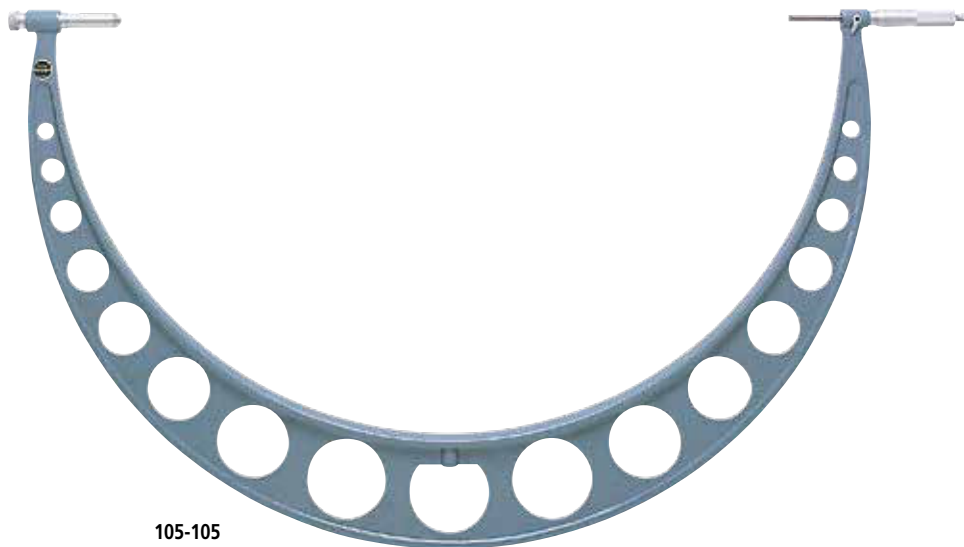


Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

Outside Micrometers SERIES 105 — with Anvil Extension Collars

- Adjustable measuring range with extension collars.
- 50 mm/2 in spindle stroke.
- Measuring faces: Carbide.
- Equipped with Ratchet Stop for constant measuring force.



Technical Data

- Flatness: 1.3 μm
- Parallelism: $(2 + R/100)\mu\text{m}$, R = max. range (mm) fraction rounded down
- Accuracy: $\pm(6 + R/75)\mu\text{m}$, R = max. range (mm) fraction rounded up



Measuring range 700 to 750 mm with **105-105**



Measuring range 750 to 800 mm with **105-105**

Standard Accessories

Spanner (**200154**), 1 pc.

SPECIFICATIONS

Metric				
Order No.	Range (mm)	Graduation (mm)	Extension Collars	Setting Standard
105-103	500 - 600	0.01	1 pc. (50 mm)	2 pcs.
105-104	600 - 700			
105-105	700 - 800			
105-106	800 - 900			
105-107	900 - 1000			

Technical Data

- Flatness: 1.3 μm/0.000052 in
- Parallelism:
(2 + R/100) μm, R = max. Range (mm)
[0.00008 + 0.00004 (R/4)] in, R = max. Range (inch)
fraction rounded down
- Accuracy:
±(6 + R/75) μm, R = max. Range (mm)
±[0.0003 + 0.00005 (R/3)] in, R = max. range (inch)
fraction rounded up

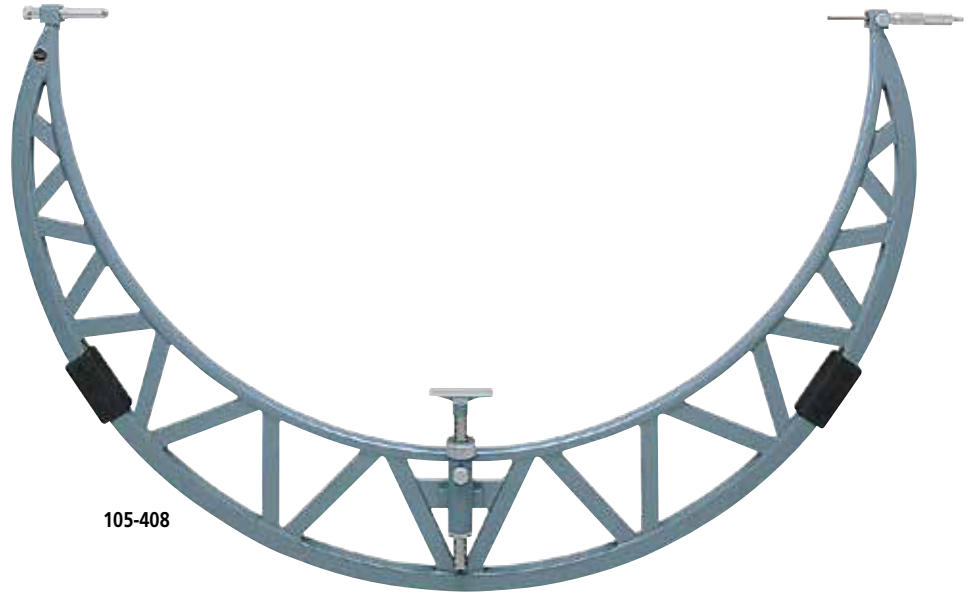


Standard Accessories

Spanner (200154), 1 pc.

Outside Micrometers SERIES 105 — with Anvil Extension Collars

- Wide measuring range with anvil extension collars.
- 50 mm/2 in spindle stroke.
- Measuring faces: Carbide.
- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric				
Order No.	Range (mm)	Graduation (mm)	Extension Collars	Setting Standard (pcs.)
(every 100 mm)				
105-408	1000 - 1100	0.01	1 pc. (50 mm)	2
105-409	1100 - 1200			
105-410	1200 - 1300			
105-411	1300 - 1400			
105-412	1400 - 1500			
105-413	1500 - 1600			
105-414	1600 - 1700			
105-415	1700 - 1800			
105-416	1800 - 1900			
105-417	1900 - 2000			
(every 200 mm)				
105-418	1000 - 1200	0.01	2 pcs. (50 mm, 100 mm)	4 (every 50 mm)
105-419	1200 - 1400			
105-420	1400 - 1600			
105-421	1600 - 1800			
105-422	1800 - 2000			

Inch				
Order No.	Range (in)	Graduation (in)	Extension Collars	Setting Standard (pcs.)
(every 100 mm)				
105-428	40 - 44	0.001	1 pc. (2 in)	2
105-429	44 - 48			
105-430	48 - 52			
105-431	52 - 56			
105-432	56 - 60			
105-433	60 - 64			
105-434	64 - 68			
105-435	68 - 72			
105-436	72 - 76			
105-437	76 - 80			



DIMENSIONS

