

Micrometer Heads

SERIES 153 — Non-rotating Spindle Type

- Micrometer head with non-rotating spindle.
- Torsion-free feed reduces workpiece deformation and wear.
- Allows highly accurate positioning.

SPECIFICATIONS

Metric								
Code No.	Range (mm)	Graduation (mm)	Graduation features	Stem dia. (mm)	Stem	Spindle end	Spindle pitch (mm)	Maximum permissible error J_{MPE} (μm)
153-101	0 - 15	0.01	Standard	9.5	Plain	Flat (carbide tip)	0.5	± 3
153-201* ¹	0 - 25	0.001	W/vernier (0.001 mm)	12				
153-202* ¹		0.01	Standard					
153-203		0.001	W/vernier (0.001 mm)					
153-204								
Inch								
Code No.	Range (in)	Graduation (in)	Special features	Stem dia. (in)	Stem	Spindle end	Spindle pitch (in)	Maximum permissible error J_{MPE} (in)
153-108* ²	0 - 0.5	0.001	W/vernier (0.0001 in)	0.375	Plain	Flat (carbide tip)	0.025	± 0.00015
153-205* ¹	0 - 1	0.0001	Standard	0.5				
153-206* ¹		0.0001	W/vernier (0.0001 in)					
153-207		0.001	Standard					
153-208		0.0001	W/vernier (0.0001 in)					

- Measuring face: Material/Carbide tip, Hardness/90 HRA or more, Lapped
 - Scale finishing: Satin-chrome plated
 - *1 With ratchet stop *2 Made-to-order model
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

DIMENSIONS

