

Micrometer Head

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

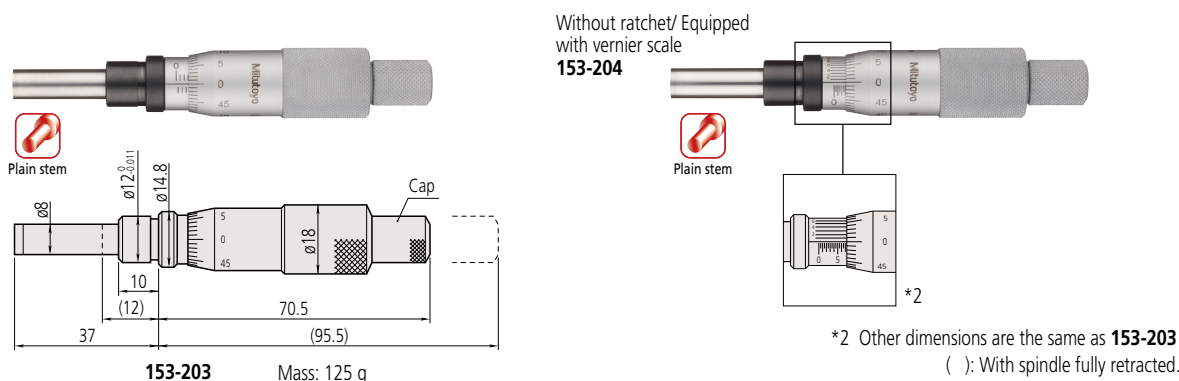
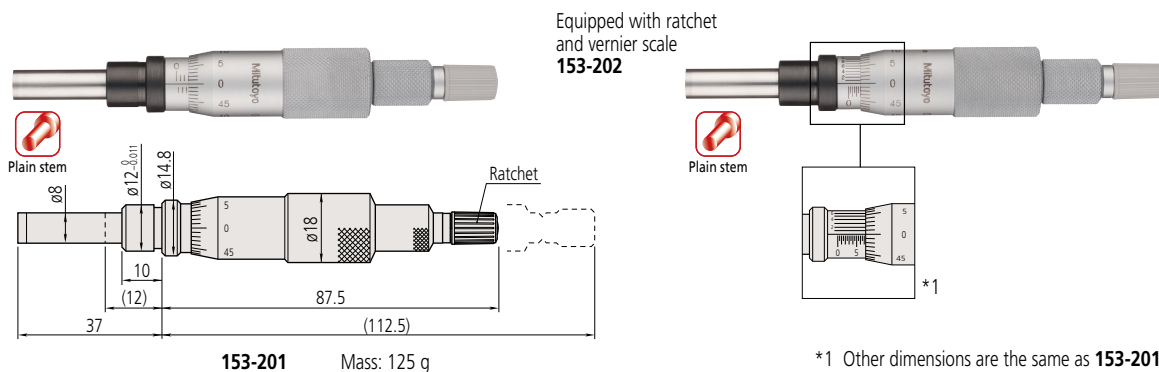
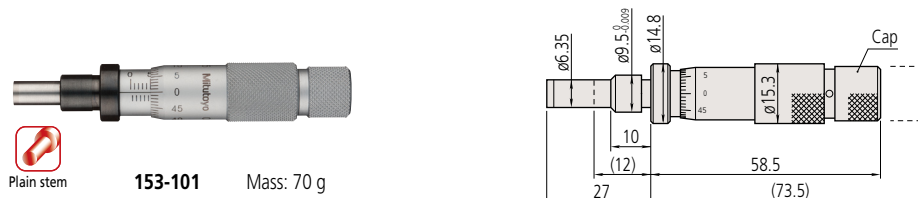
Micrometer Heads

SERIES 153 — Non-rotating Spindle Type

- The spindle translates without rotation.
- Torsion-free feed reduces workpiece deformation and wear.

DIMENSIONS

Unit: mm



SPECIFICATIONS

Metric

Order No.	Stroke	Graduation	Accuracy	Stem dia.	Stem	Spindle end	Spindle pitch	Graduation features
153-101	15 mm	0.01 mm	±3 μm	9.5 mm	Plain	Flat (carbide tip)	0.5 mm	Standard
153-201*	25 mm	0.001 mm		12 mm				w/ vernier (0.001 mm)
153-202*		0.01 mm						Standard
153-203		0.001 mm						w/ vernier (0.001 mm)

Inch

Order No.	Stroke	Graduation	Accuracy	Stem dia.	Stem	Spindle end	Spindle pitch	Special features
153-108**	0.5 in	0.001 in	±0.00015 in	0.375 in	Plain	Flat (carbide tip)	0.025 in	w/ vernier (0.0001 in)
153-205*	1 in	0.0001 in		Standard				
153-206*		0.0001 in		w/ vernier (0.0001 in)				
153-207		0.001 in		Standard				
153-208		0.0001 in		w/ vernier (0.0001 in)				

* with ratchet stop ** made-to-order model