

Micrometer Heads

SERIES 151 — Medium-sized Standard Type with 8 mm Diameter Spindle

- Larger spindle (ø8 mm) for heavy-duty applications (normally ø6.35 mm).

SPECIFICATIONS

Metric						
Code No.	Range (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Special features
151-224	0 - 25	±2	12	Plain	Flat (carbide tip)	—
151-223				W/clamp nut		
151-214*2				Plain*1		
151-213*2				W/clamp nut*1		
151-222				Plain		W/vernier (0.001 mm)
151-221				W/clamp nut		
151-212*2				Plain*1		
151-211*2				W/clamp nut*1		
151-227-10				Plain		W/o ratchet stop
151-228-10				W/clamp nut		
151-225-10				Plain*1		
151-226-10				W/clamp nut*1		
151-256	0 - 50	±4		Plain		—
151-255				W/clamp nut		W/o ratchet stop
151-260-10				Plain		
151-259-10				W/clamp nut		W/o ratchet stop

- Graduation: 0.01 mm, 0.001 mm (w/vernier)
 - Spindle pitch: 0.5 mm
 - Measuring face: Material/Carbide tip, Hardness/90 HRA or more, Lapped
 - Scale finishing: Satin-chrome plated
 - *1 With spindle lock
 - *2 Made-to-order models
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

Inch						
Code No.	Range (in)	Maximum permissible error J_{MPE} (in)	Stem dia. (in)	Stem	Spindle end	Special features
151-240	0 - 0.1	±0.0001	0.5	Plain	Flat (carbide tip)	—
151-239				W/clamp nut		W/vernier (0.0001 in)
151-238				Plain		
151-237				W/clamp nut		
151-241-10*2				Plain*1		W/o ratchet stop
151-242-10*2				W/clamp nut*1		W/o ratchet stop (0.0001 in)
151-243-10*2				Plain*1		
151-244-10*2	0 - 0.2	±0.0002		W/clamp nut*1		—
151-272				Plain		—
151-271				W/clamp nut		

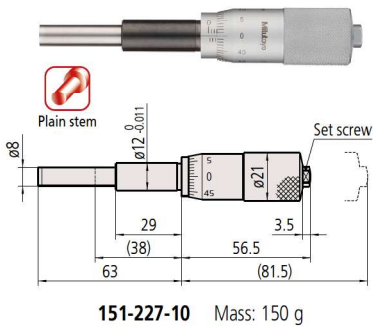
- Graduation: 0.001 in or 0.0001 in (w/vernier)
 - Spindle pitch: 0.025 in
 - Measuring face: Material/Carbide tip, Hardness/90 HRA or more, Lapped
 - Scale finishing: Satin-chrome plated
 - *1 With spindle lock
 - *2 Made-to-order models
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

Micrometer Head

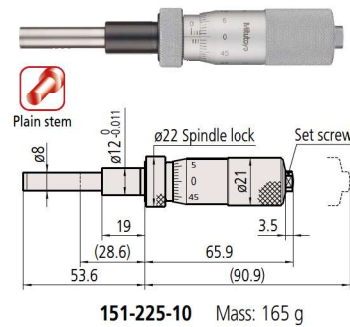
Micrometer Heads
SERIES 151 — Medium-sized Standard Type
with 8 mm Diameter Spindle

DIMENSIONS

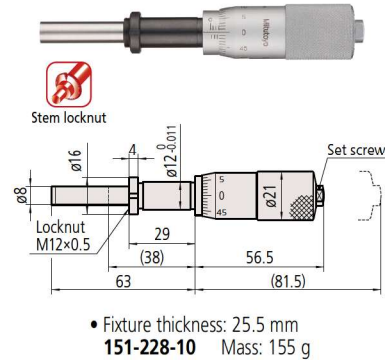
Plain Stem



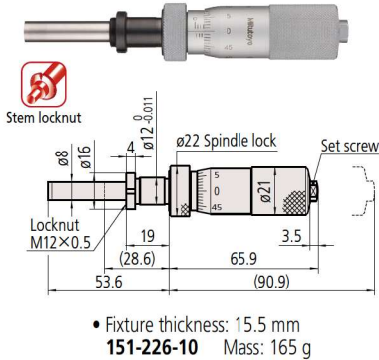
Plain Stem and Spindle Lock Unit: mm



Stem Locknut



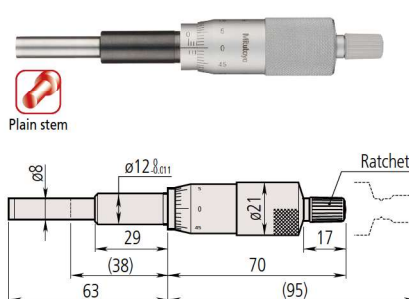
Stem Locknut and Spindle Lock



(): with spindle fully retracted.

DIMENSIONS

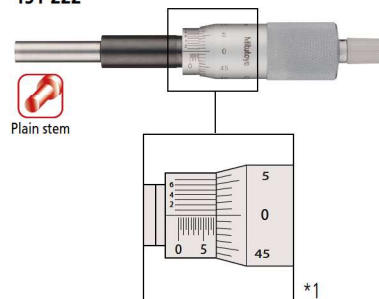
Plain Stem



151-224 Mass: 150 g

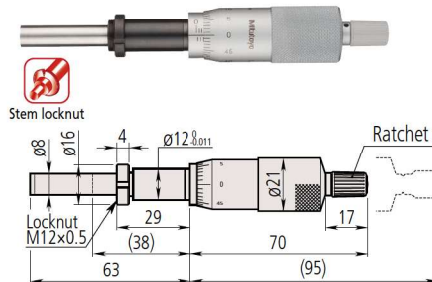
Equipped with vernier scale
151-222

Unit: mm



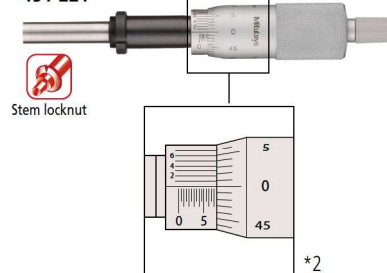
*1 Other dimensions are the same as **151-224**.

Stem Locknut



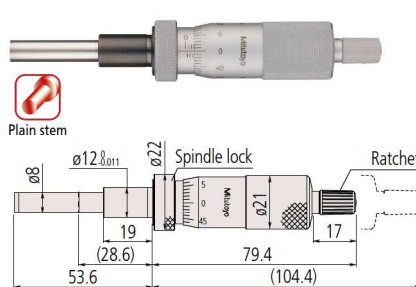
• Fixture thickness: 25.5 mm
151-223 Mass: 155 g

Equipped with vernier scale
151-221



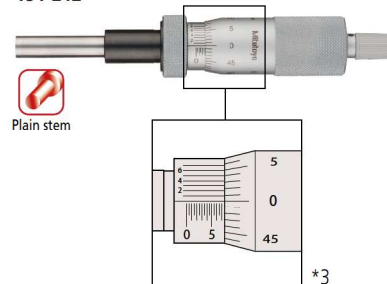
*2 Other dimensions are the same as **151-223**.

Stem Locknut and Spindle Lock



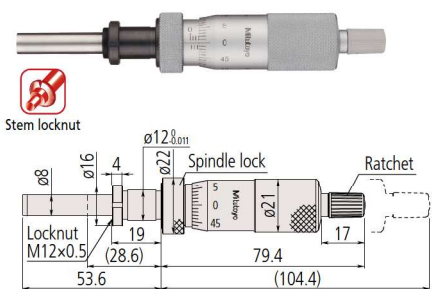
151-214 Mass: 160 g

Equipped with vernier scale
151-212



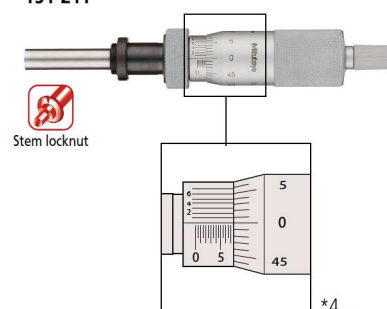
*3 Other dimensions are the same as **151-214**.

Stem Locknut and Spindle Lock



• Fixture thickness: 15.5 mm
151-213 Mass: 165 g

Equipped with vernier scale
151-211



*4 Other dimensions are the same as **151-213**.
(): with spindle fully retracted.

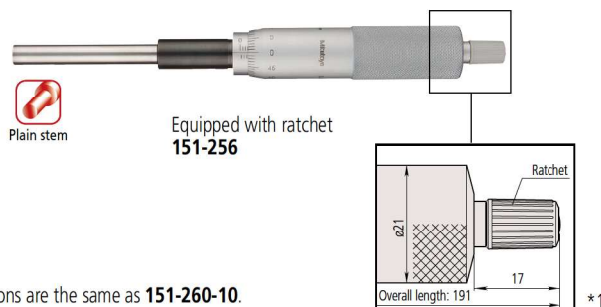
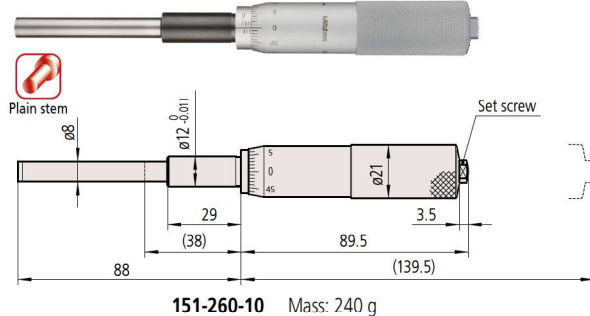
Micrometer Head

Micrometer Heads SERIES 151 — Medium-sized Standard Type with 8 mm Diameter Spindle

DIMENSIONS

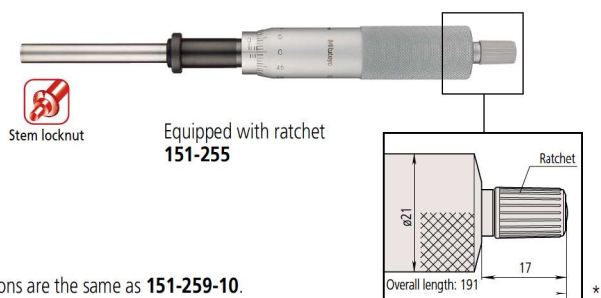
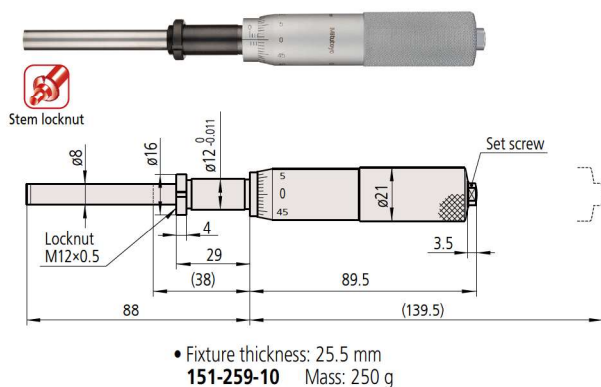
Plain Stem

Unit: mm



*1 Other dimensions are the same as 151-260-10.

Stem Locknut



*2 Other dimensions are the same as 151-259-10.
(): with spindle fully retracted.