

Micrometer Heads

SERIES 150 — Medium-sized Standard Type

- Measuring range: 25 mm

SPECIFICATIONS

Metric							
Code No.	Range (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Special features	
150-192	0 - 25	±2	10	Plain	Flat (carbide tip)	Standard	
150-191				W/clamp nut			
150-209				Plain* ¹			
150-210				W/clamp nut* ¹			
150-801				Plain	Spherical (SR4) (carbide tip)		
150-802				W/clamp nut			
150-821				Plain	Flat (carbide tip)		Reverse reading
150-822				W/clamp nut			
150-190				Plain			
150-189				W/clamp nut			
150-183* ²				Plain* ¹		W/vernier (0.001 mm)	
150-184				W/clamp nut* ¹			
150-196-10				Plain			W/o ratchet stop
150-195-10				W/clamp nut			
150-211-10				Plain* ¹			
150-212-10				W/clamp nut* ¹			
150-803* ²				Plain* ¹	Spherical (SR4) (carbide tip)	Standard	
150-804* ²				W/clamp nut* ¹			
150-823* ²				Plain* ¹	Flat (carbide tip)	Reverse reading	
150-824* ²				W/clamp nut* ¹			

- Graduation: 0.01 mm, 0.001 mm (w/vernier)
 - Spindle pitch: 0.5 mm
 - Measuring face: Material/Carbide tip (Only long spindle model is alloy tool steel), Hardness/90 HRA or more (Only long spindle model is 60 HRC 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	
150-208	0 - 1	± 0.0001	0.375	Plain	Flat (carbide tip)	Standard	
150-207				W/clamp nut			
150-213* ²				Plain* ¹			
150-214* ²				W/clamp nut* ¹			
150-811				Plain	Spherical (SR4) (carbide tip)		
150-812				W/clamp nut			
150-831				Plain	Flat (carbide tip)		Reverse graduation
150-832				W/clamp nut			
150-206				Plain			
150-205* ²				W/clamp nut			
150-215* ²				Plain* ¹		W/vernier (0.0001 in)	
150-216* ²				W/clamp nut* ¹			
150-198-10				Plain			W/o ratchet stop
150-197-10				W/clamp nut			
150-217* ²				Plain* ¹			
150-218* ²				W/clamp nut* ¹			

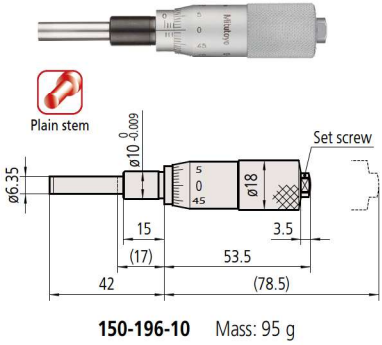
- Graduation: 0.001 in or 0.0001 in (w/vernier)
 - Spindle pitch: 0.025 in
 - Measuring face: Material/Carbide tip (Only long spindle model is alloy tool steel), Hardness/90 HRA or more (Only long spindle model is 60 HRC or more), Lapped
 - Scale finishing: Satin-chrome plated
 - *1 With spindle lock
 - *2 Made-to-order models
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

Micrometer Head

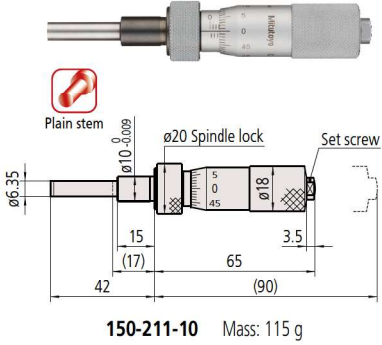
Micrometer Heads
SERIES 150 — Medium-sized Standard Type

DIMENSIONS

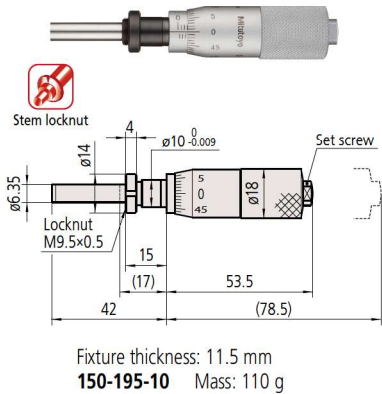
Plain Stem



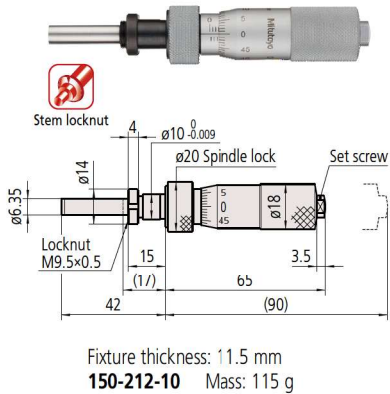
Plain Stem and Spindle Lock



Stem Locknut



Stem Locknut and Spindle Lock



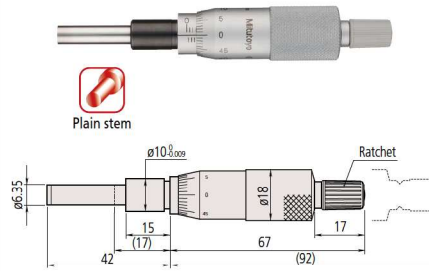
() : with spindle fully retracted.

DIMENSIONS

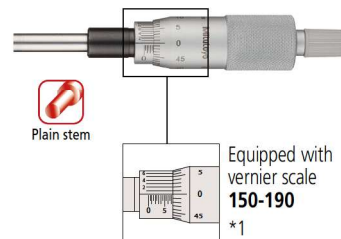
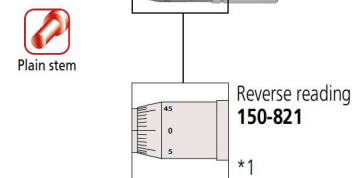
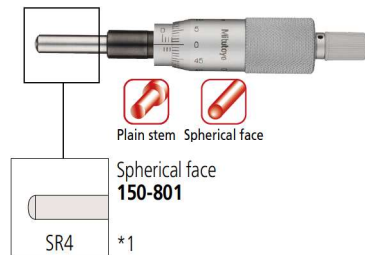
(): with spindle fully retracted.

Unit: mm

Plain Stem Mass: 95 g

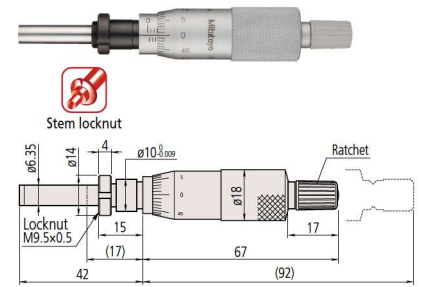


150-192

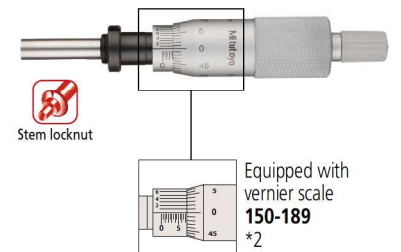
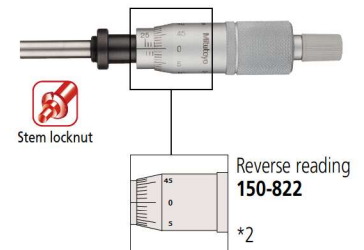
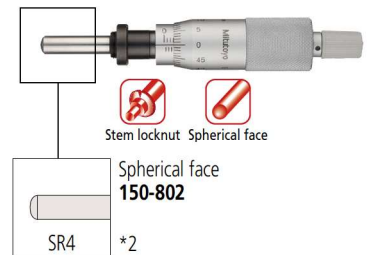


*1 Other dimensions are the same as 150-192.

Stem Locknut Mass: 100 g



• Fixture thickness: 11.5 mm
150-191



*2 Other dimensions are the same as 150-191.

Micrometer Heads

Micrometer Heads (Analog display / Standard type / High function type)

Plain Stem and Spindle Lock

Mass: 110 g

Plain stem

Spindle lock

Ratchet

150-209

Stem Locknut and Spindle Lock

Mass: 115 g

Stem locknut

Spindle lock

Ratchet

150-210

Plain stem

Spherical face

Spherical face

150-803

SR4 *1

Stem locknut

Spherical face

Spherical face

150-804

SR4 *2

Plain stem

Reverse reading

150-823

*1

Stem locknut

Reverse reading

150-824

*2

Plain stem

Equipped with vernier scale

150-183

*1

Stem locknut

Equipped with vernier scale

150-184

*2

*1 Other dimensions are the same as 150-209.

*2 Other dimensions are the same as 150-210.