

Technical Data

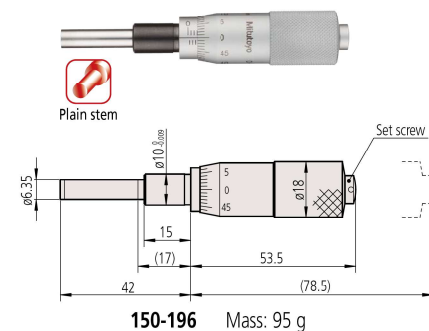
- Graduation: 0.01 mm, 0.001 mm (w/vernier), 0.001 in or 0.0001 in (w/vernier)
- Spindle pitch: 0.5 mm or 0.025 in
- Measuring face
Material: Carbide
(Only long spindle model is carbide tipped)
- Hardness: 90 HRA or more
(Only long spindle model is 60 HRC or more)
- Lapped
- Scale finishing:
Satin-chrome plated

Micrometer Heads SERIES 150 — Medium-sized Standard Type

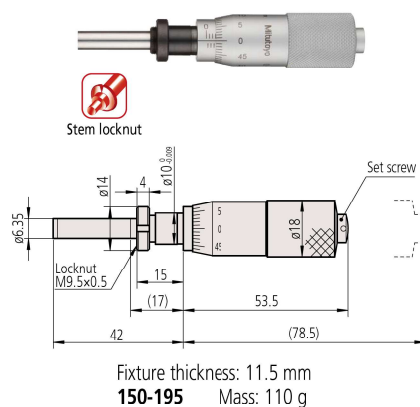
- Measuring stroke of 25 mm.

DIMENSIONS

Plain Stem

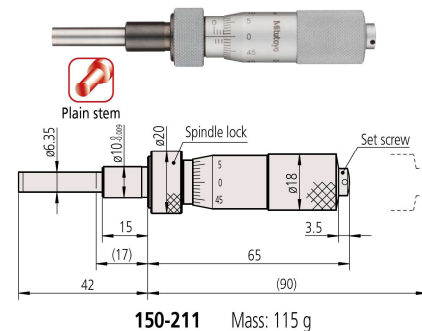


Stem Locknut

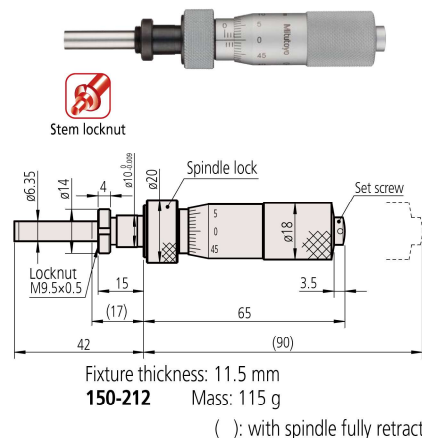


Plain Stem and Spindle Lock

Unit: mm



Stem Locknut and Spindle Lock



SPECIFICATIONS

Metric						
Order No.	Stroke (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Special features
150-192	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)	Standard
150-802				W/clamp nut		
150-821				Plain		
150-822				W/clamp nut		
150-190				Plain	Flat (carbide tip)	Reverse reading
150-189				W/clamp nut		
150-183*2				Plain*1		
150-184				W/clamp nut*1		
150-196				Plain	Flat (carbide tip)	W/vernier (0.001 mm)
150-195				W/clamp nut		
150-211				Plain*1		
150-212				W/clamp nut*1		
150-219				Plain	Flat	W/ o ratchet stop
150-220				W/clamp nut		
150-803*2				Plain*1		
150-804*2				W/clamp nut*1		
150-823*2				Plain*1	Spherical (SR4) (carbide tip)	Standard
150-824*2				W/clamp nut*1		
150-223*2				Plain*1		
150-224*2				W/clamp nut*1		

*1 With spindle lock *2 Made-to-order models

Inch						
Order No.	Stroke (in)	Maximum permissible error J_{MPE} (in)	Stem dia. (in)	Stem	Spindle end	Special features
150-208	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		
150-832				W/clamp nut		
150-206				Plain	Flat (carbide tip)	Reverse graduation
150-205*2				W/clamp nut		
150-215*2				Plain* ^{*1}		
150-216*2				W/clamp nut* ^{*1}		
150-198				Plain	Flat (carbide tip)	W/ vernier (0.0001 in)
150-197				W/clamp nut		
150-217*2				Plain* ^{*1}		
150-218*2				W/clamp nut* ^{*1}		
150-221*2				Plain	Flat	W/ o ratchet stop
150-222*2				W/clamp nut		

*1 With spindle lock *2 Made-to-order models

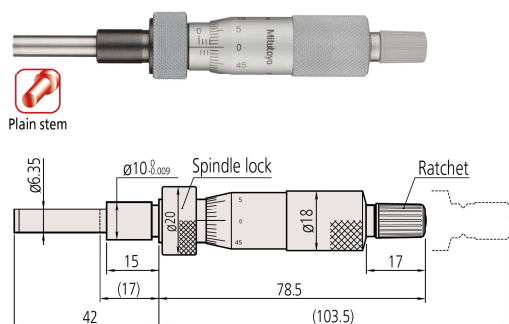
Micrometer Heads SERIES 150 — Medium-sized Standard Type

DIMENSIONS

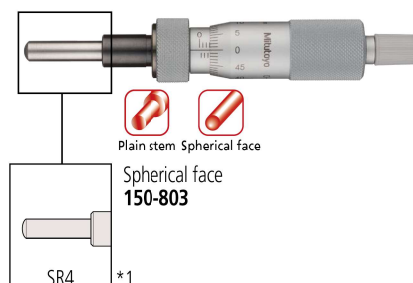
Plain Stem and Spindle Lock

Mass: 110 g

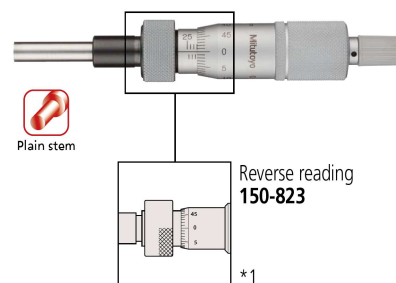
(): with spindle fully retracted. Unit: mm



150-209



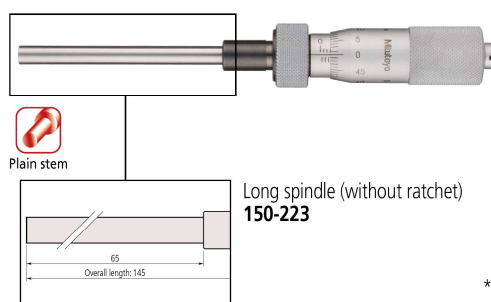
Spherical face
150-803



Reverse reading
150-823



Equipped with vernier scale
150-183

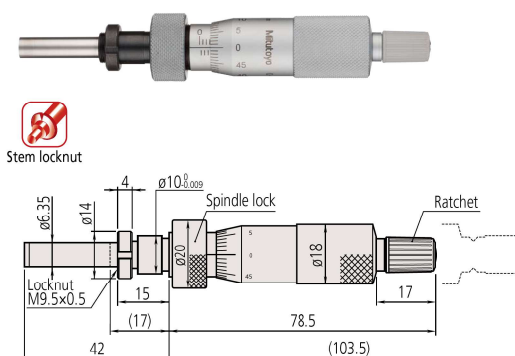


Long spindle (without ratchet)
150-223

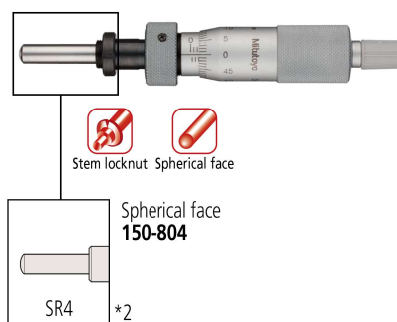
*1 Other dimensions are the same as 150-209.

Stem Locknut and Spindle Lock

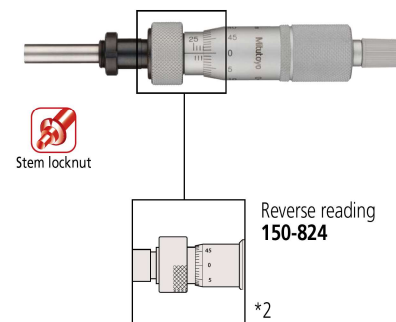
Mass: 115 g



• Fixture thickness: 11.5 mm
150-210



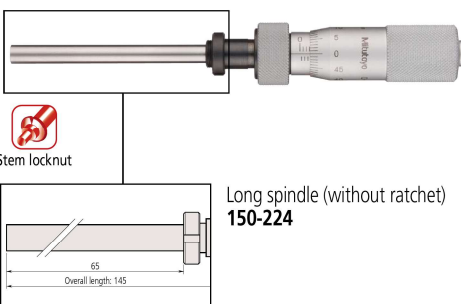
Spherical face
150-804



Reverse reading
150-824



Equipped with vernier scale
150-184



Long spindle (without ratchet)
150-224

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