

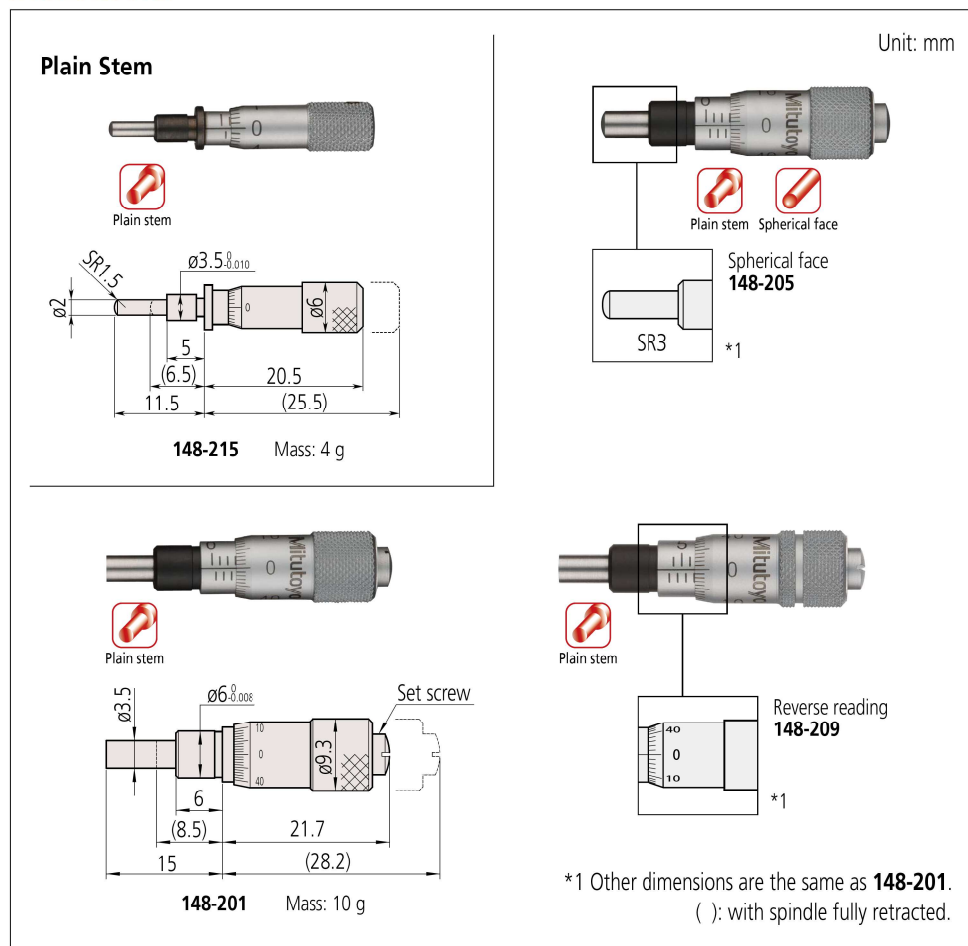
Technical Data

- Graduation: 0.02 mm (**148-215**, **148-216**),
0.01 mm or 0.001 in
- Measuring face
Material: Alloy tool steel
Hardness: 60 HRC or more
Lapped
- Scale finishing:
Satin-chrome plated

Micrometer Heads SERIES 148 — Small/Ultra-small Type

- Miniature micrometer heads for ease of incorporating into machines.

DIMENSIONS



SPECIFICATIONS

Metric						
Order No.	Stroke (mm)	Stem dia. (mm)	Stem	Spindle end	Graduation	Maximum permissible error <i>J</i> _{MPE} (μm)
148-215	5	3.5	Plain	Spherical (SR1.5)	Standard	±5
148-216			W/clamp nut			
148-201	6.5	6	Plain	Flat		
148-203			W/clamp nut			
148-205			Plain	Spherical (SR3)		
148-207			W/clamp nut			
148-209			Plain	Flat		
148-211			W/clamp nut		Reverse reading	
Inch						
Order No.	Stroke (in)	Stem dia. (in)	Stem	Spindle end	Graduation	Maximum permissible error <i>J</i> _{MPE} (in)
148-217	0.2	0.156	Plain	Spherical (SR1.5)	Standard	±0.00025
148-218			W/clamp nut			
148-202	0.25	0.25	Plain	Flat		
148-204			W/clamp nut			
148-206			Plain	Spherical (SR3)		
148-208			W/clamp nut			
148-210* ¹			Plain	Flat		
148-212* ¹			W/clamp nut		Reverse reading	

*1 Made-to-order models

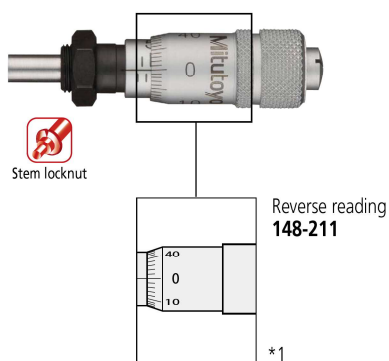
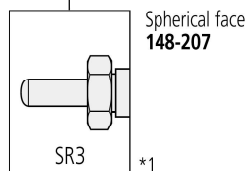
The origin of Mitutoyo's trustworthy brand of small tool instruments

SERIES 148 — Small Standard Type

Stem Locknut



Stem locknut Spherical face



Mitutoyo