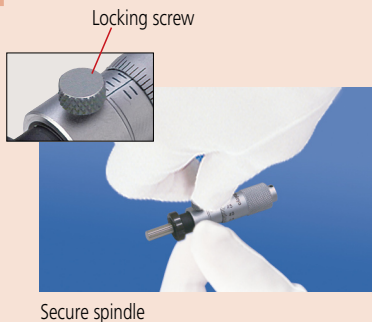


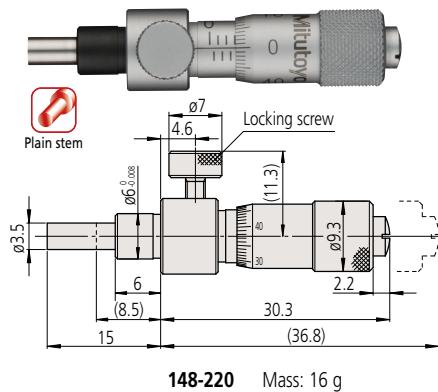


Micrometer Heads SERIES 148 — Locking-screw Type

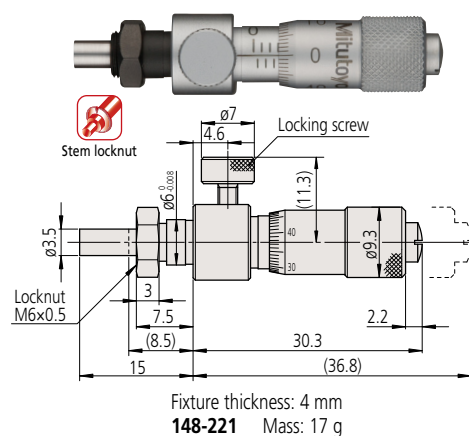
- Locking screw provides secure locking at any position of the spindle.
- Position of the locking screw is the same as the sleeve index line.

DIMENSIONS

Plain Stem

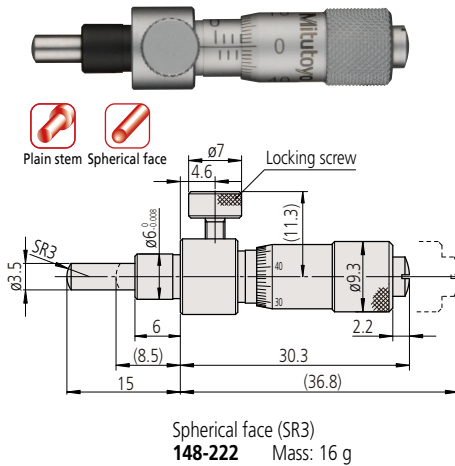


Stem Locknut

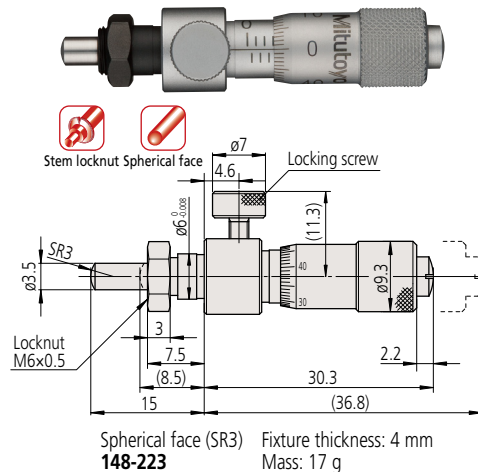


Unit: mm

Plain Stem



Stem Locknut



(): With spindle fully retracted.

SPECIFICATIONS

Metric							
Order No.	Stroke	Graduation	Accuracy	Stem dia.	Stem	Spindle end	Graduation features
148-220	6.5 mm	0.01 mm	±5 µm	6 mm	Plain	Flat	Standard
148-221					W/ clamp nut	Flat	
148-222					Plain	Spherical (SR3)	
148-223	13 mm	0.01 mm	±2 µm	9.5 mm	W/ clamp nut	Flat	
148-150					Plain	Flat	
148-151					W/ clamp nut	Flat	
148-152	6.5 mm	0.01 mm	±2 µm	9.5 mm	Plain	Spherical (SR4)	
148-153					W/ clamp nut	Spherical (SR4)	
148-316					Plain	Flat	
148-317	6.5 mm	0.01 mm	±2 µm	9.5 mm	W/ clamp nut	Flat	
148-318					Plain	Spherical (SR4)	
148-319					W/ clamp nut	Spherical (SR4)	

Inch							
Order No.	Stroke	Graduation	Accuracy	Stem dia.	Stem	Spindle end	Graduation features
148-230	0.25 in	0.0001 in	±0.00025 in	0.25 in	Plain	Flat	Standard
148-231					W/ clamp nut	Flat	
148-232					Plain	Spherical (SR3)	
148-233	0.5 in	0.001 in	±0.0001 in	0.375 in	W/ clamp nut	Flat	
148-160					Plain	Flat	
148-161					W/ clamp nut	Flat	
148-162	0.25 in	0.0001 in	±0.0001 in	0.375 in	Plain	Spherical (SR4)	
148-163					W/ clamp nut	Spherical (SR4)	
148-326					Plain	Flat	
148-327	0.25 in	0.0001 in	±0.0001 in	0.375 in	W/ clamp nut	Flat	
148-328					Plain	Spherical (SR4)	
148-329					W/ clamp nut	Spherical (SR4)	

Micrometer Head

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

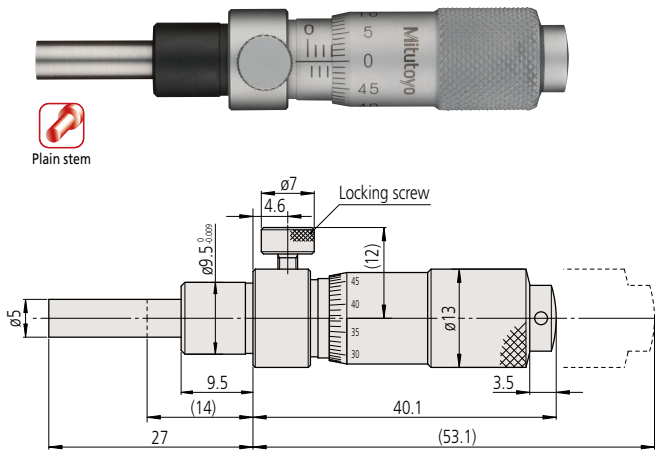
Micrometer Heads SERIES 148 — Locking-screw Type

DIMENSIONS

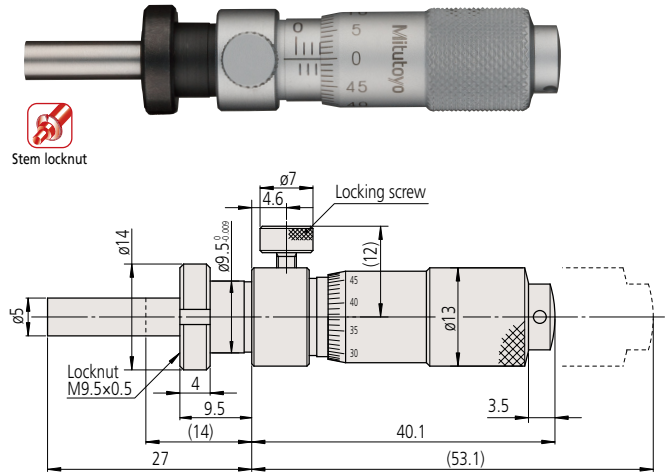
Plain Stem

Stem Locknut

Unit: mm



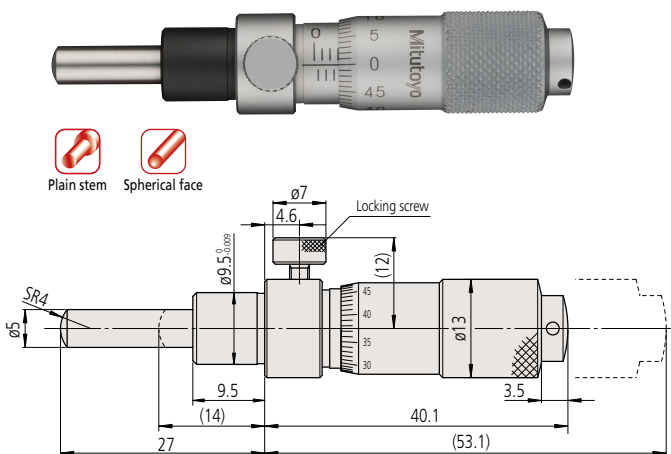
148-150 Mass: 40 g



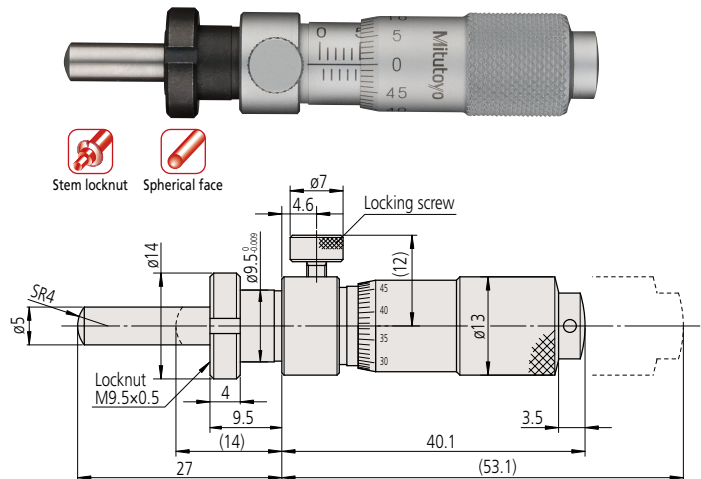
Fixture thickness: 6 mm
148-151 Mass: 43 g

Plain Stem

Stem Locknut



Spherical face (SR4)
148-152 Mass: 40 g



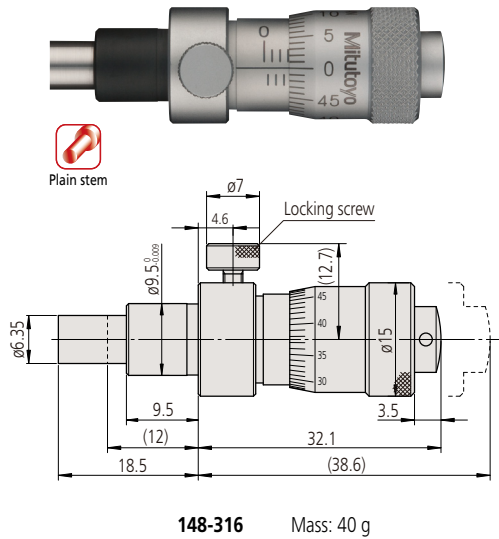
Spherical face (SR4) Fixture thickness: 6 mm
148-153 Mass: 43 g

(): With spindle fully retracted.

Micrometer Heads SERIES 148 — Locking-screw Type

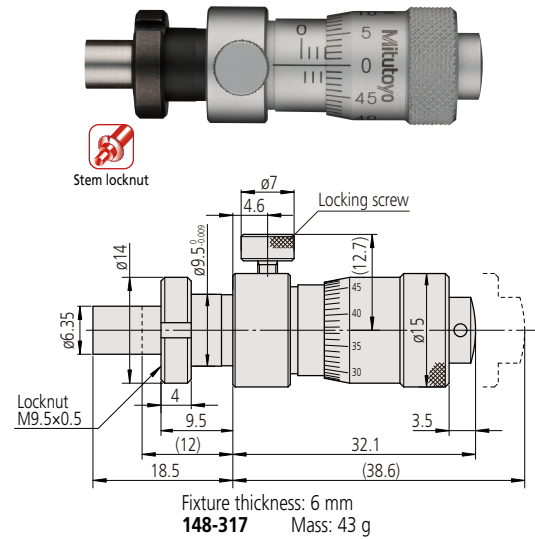
DIMENSIONS

Plain Stem

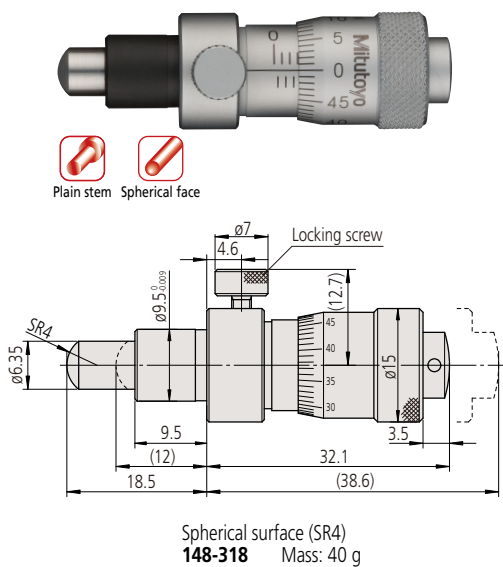


Stem Locknut

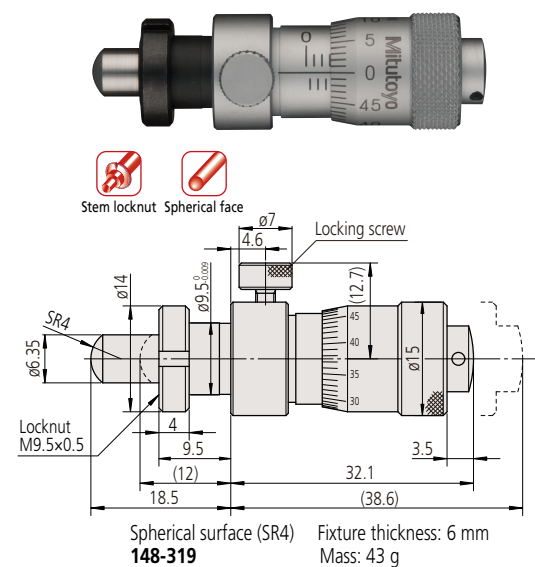
Unit: mm



Plain Stem



Stem Locknut



(): With spindle fully retracted.