

Micrometer Head

Micrometer Heads
SERIES 148 — Short Thimble with Choice of Diameter

- Short body design maintains measuring range for limited space applications.
- Three types of thimble diameters can be selected depending on applications.

SPECIFICATIONS

Metric						
Code No.	Range (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Thimble dia. (mm)
148-301-10	0 - 6.5	±2	9.5	Plain	Flat	15
148-302-10				W/clamp nut		
148-303-10				Plain	20	
148-304-10				W/clamp nut		
148-313-10				Plain	Spherical (SR4)	15
148-314-10	W/clamp nut					
148-307-10	0 - 13			Plain	Flat	15
148-308-10				W/clamp nut		
148-309-10				Plain		20
148-310-10				W/clamp nut		
148-311-10				Plain		
148-312-10				W/clamp nut		

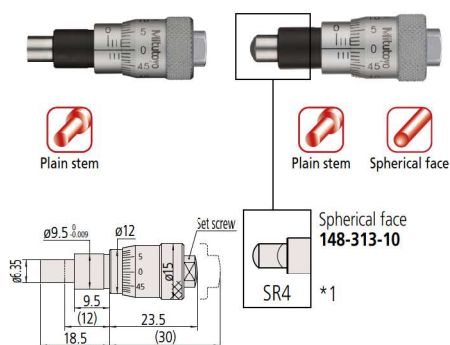
- Graduation: 0.01 mm
 - Spindle pitch: 0.5 mm
 - Measuring face: Material/Alloy tool steel, Hardness/60 HRC or more, Lapped
 - Scale finishing: Satin-chrome plated
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

Inch						
Code No.	Range (in)	Maximum permissible error J_{MPE} (in)	Stem dia. (in)	Stem	Spindle end	Thimble dia. (in)
148-351-10	0 - 0.25	±0.0001	0.375	Plain	Flat	0.59
148-352-10				W/clamp nut		
148-353-10				Plain		0.79
148-354-10				W/clamp nut		
148-357-10	0 - 0.5			Plain		0.59
148-358-10				W/clamp nut		
148-359-10				Plain		0.79
148-360-10				W/clamp nut		

- Graduation: 0.001 in
 - Spindle pitch: 0.025 in
 - Measuring face: Material/Alloy tool steel, Hardness/60 HRC or more, Lapped
 - Scale finishing: Satin-chrome plated
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

DIMENSIONS

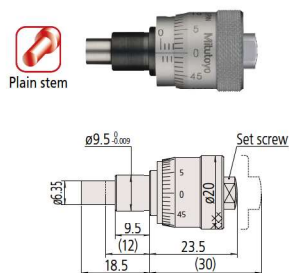
Plain Stem



148-301-10

Mass: 26 g
Thimble diameter: 15

*1 Other dimensions are the same as **148-301-10**.

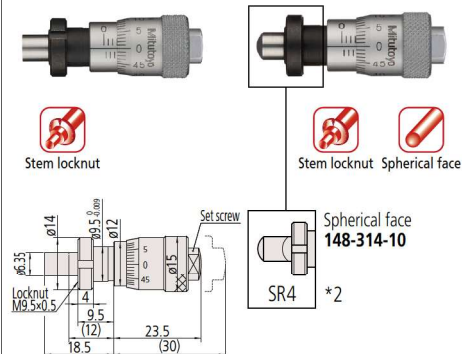


148-303-10

Mass: 39 g
Thimble diameter: 20

Stem Locknut

Unit: mm

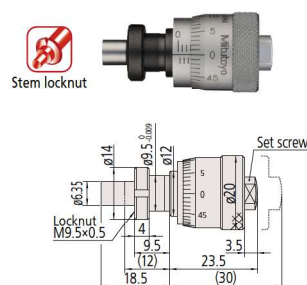


• Fixture thickness: 6 mm

148-302-10

Mass: 26 g
Thimble diameter: 15

*2 Other dimensions are the same as **148-302-10**.



• Fixture thickness: 6 mm

148-304-10

Mass: 39 g
Thimble diameter: 20

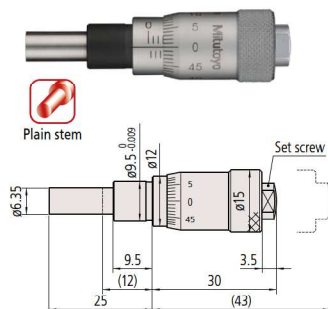
() : with spindle fully retracted.

Micrometer Head

Micrometer Heads SERIES 148 — Short Thimble with Choice of Diameter

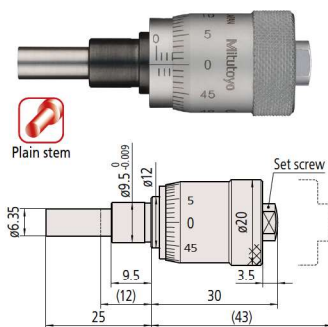
DIMENSIONS

Plain Stem



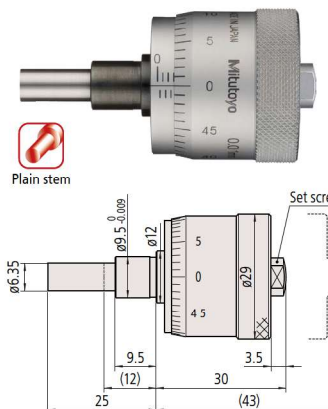
148-307-10

Mass: 35 g Thimble diameter: 15



148-309-10

Mass: 55 g Thimble diameter: 20

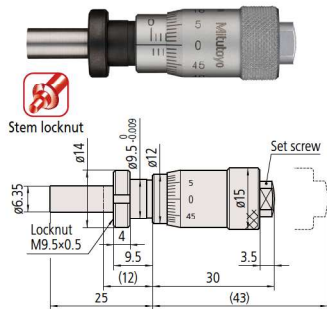


148-311-10

Mass: 103 g Thimble diameter: 29

Stem Locknut

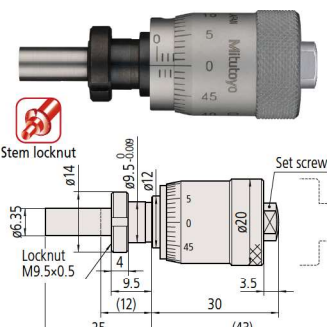
Unit: mm



• Fixture thickness: 6 mm

148-308-10

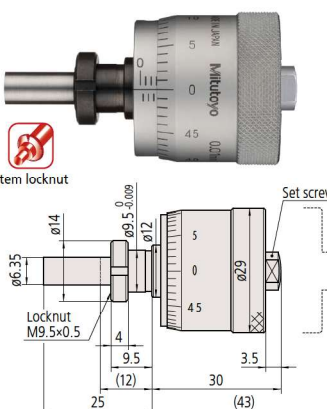
Mass: 35 g Thimble diameter: 15



• Fixture thickness: 6 mm

148-310-10

Mass: 55 g Thimble diameter: 20



• Fixture thickness: 6 mm

148-312-10

Mass: 103 g Thimble diameter: 29

(): with spindle fully retracted.