

Micrometer Heads

SERIES 148 — Small Standard Type

- Measuring range: 13 mm

SPECIFICATIONS

Metric						
Code No.	Range (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Graduation features
148-104-10	0 - 13	±2	9.5	Plain	Flat	Standard
148-103-10				W/clamp nut		
148-121-10				Plain*		
148-120-10				W/clamp nut*		
148-801-10				Plain	Spherical (SR4)	
148-802-10				W/clamp nut		
148-803-10				Plain*		
148-804-10				W/clamp nut*		
148-821-10				Plain	Flat	Reverse reading
148-822-10				W/clamp nut		
148-823-10				Plain*		
148-824-10				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
 - * With spindle lock
- 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	Graduation features
148-112-10	0 - 0.5	± 0.0001	0.375	Plain	Flat	Standard
148-111-10* ²				W/clamp nut		
148-123-10				Plain* ¹		
148-122-10				W/clamp nut* ¹		
148-811-10				Plain	Spherical (SR4)	
148-812-10				W/clamp nut		
148-813-10				Plain* ¹		
148-814-10				W/clamp nut* ¹		
148-831-10				Plain	Flat	Reverse reading
148-832-10				W/clamp nut		
148-833-10				Plain* ¹		
148-834-10				W/clamp nut* ¹		

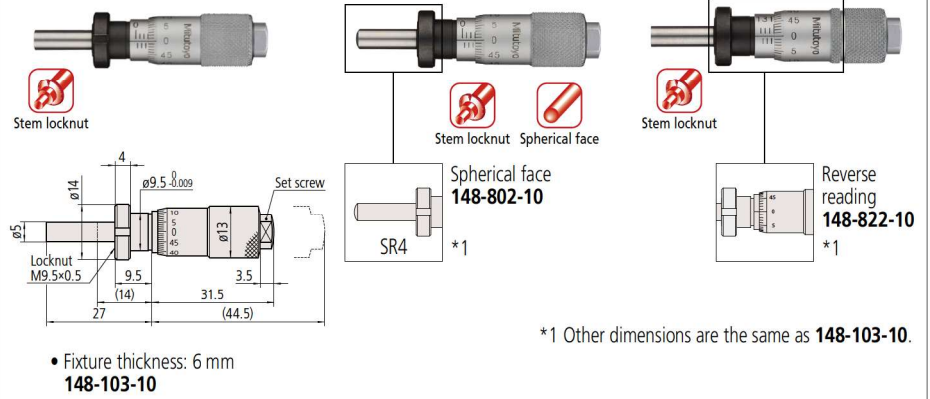
- Graduation: 0.001 in
 - Spindle pitch: 0.025 in
 - Measuring face: Material/Alloy tool steel, Hardness/60 HRC or more, Lapped
 - Scale finishing: Satin-chrome plated
 - *¹ With spindle lock
 - *² Made-to-order models
- Note: Refer to page 03-49 for details of the recommended maximum loading limit.

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

DIMENSIONS

Stem Locknut Mass: 35 g

Unit: mm



Stem Locknut and Spindle Lock Mass: 45 g

