

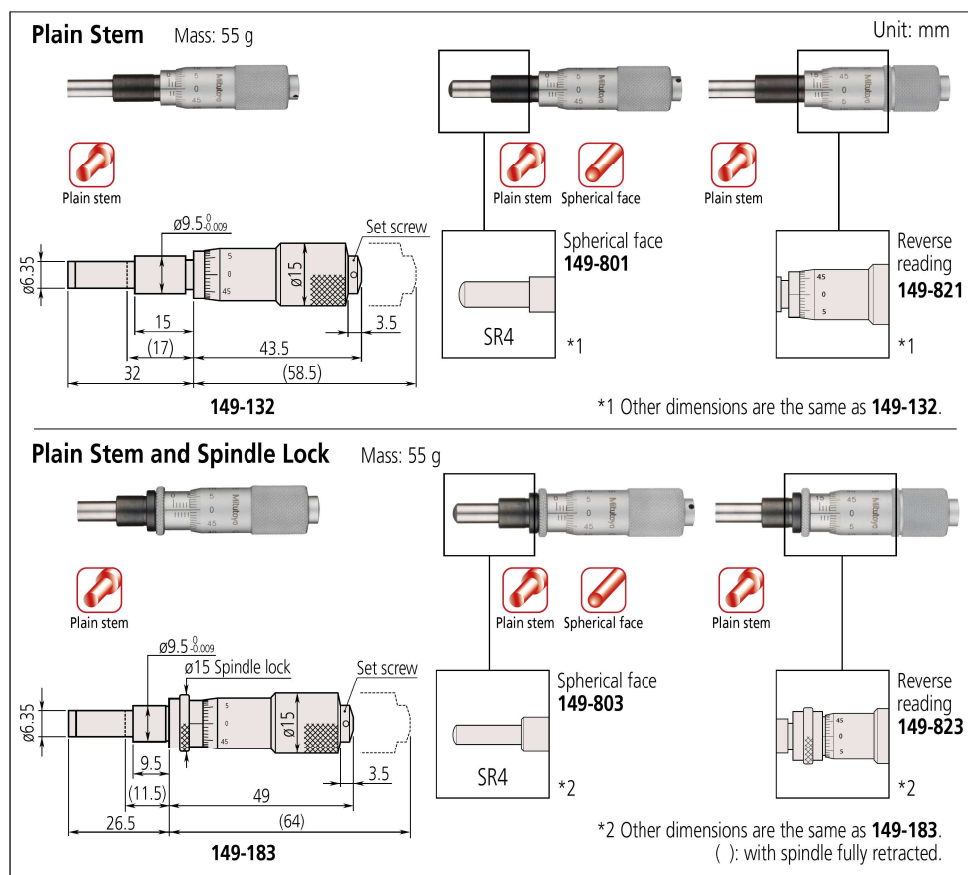
Technical Data

- Graduation: 0.01 mm or 0.001 in
- Spindle pitch: 0.5 mm or 0.025 in
- Measuring face
Material: Carbide
Hardness: 90 HRA or more
Lapped
- Scale finishing:
Satin-chrome plated

Micrometer Heads SERIES 149 — Small Standard Type with Carbide-Tipped Spindle

- Carbide-tipped spindle provides high abrasion resistance.

DIMENSIONS



SPECIFICATIONS

Metric						
Order No.	Stroke (mm)	Maximum permissible error J_{MPE} (μm)	Stem dia. (mm)	Stem	Spindle end	Graduation features
149-132	15	±2	9.5	Plain	Flat (carbide tip)	Standard
149-131				W/clamp nut		
149-183				Plain* ¹		
149-184				W/clamp nut* ¹	Spherical (SR4) (carbide tip)	
149-801				Plain		
149-802				W/clamp nut		
149-821				Plain	Flat (carbide tip)	Reverse reading
149-822				W/clamp nut	Spherical (SR4) (carbide tip)	Standard
149-803* ²				Plain* ¹		
149-804* ²				W/clamp nu* ¹		
149-823* ²				Plain* ¹	Flat (carbide tip)	Reverse reading
149-824* ²				W/clamp nu* 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	Graduation features
149-148	0.5	±0.0001	0.375	Plain	Flat (carbide tip)	Standard
149-147				W/clamp nut		
149-185* ³				Plain* ¹		
149-182				W/clamp nut* ¹		
149-811				Plain	Spherical (SR4) (carbide tip)	
149-812				W/clamp nut		
149-831* ²				Plain	Flat (carbide tip)	Reverse reading
149-832* ²				W/clamp nut		
149-181* ²				Plain* ¹		

*¹ With spindle lock *² Made-to-order models *³ W/ratchet (**149-181**) is available

Micrometer Head

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

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