

Micrometer Head

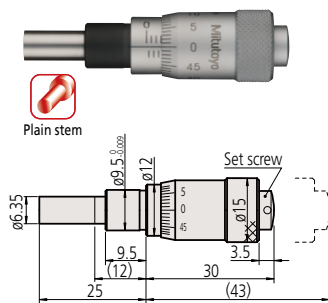
The origin of Mitutoyo's trustworthy brand of small tool instruments

Micrometer Heads

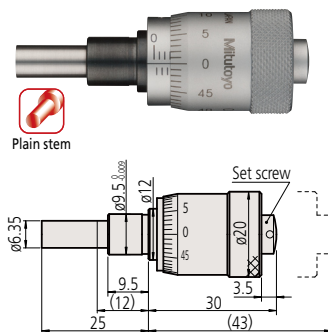
SERIES 148 — Short Thimble with Choice of Diameter

DIMENSIONS

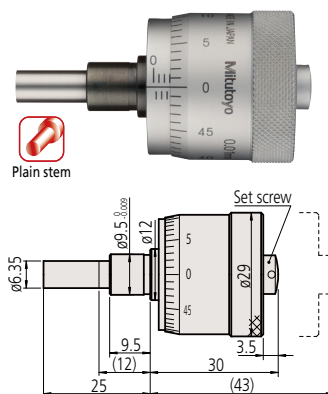
Plain stem



Mass: 35g
148-307 Thimble diameter: 15



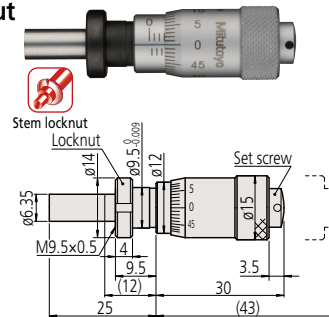
Mass: 55g
148-309 Thimble diameter: 20



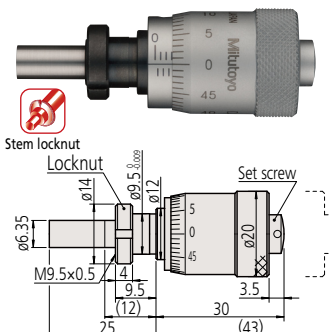
Mass: 103g
148-311 Thimble diameter: 29

Stem locknut

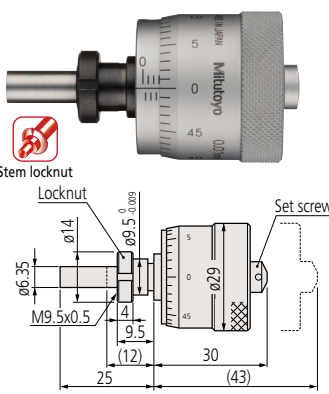
Unit: mm



Fixture thickness : 6mm Mass: 35g
148-308 Thimble diameter: 15



Fixture thickness : 6mm Mass: 55g
148-310 Thimble diameter: 20



Fixture thickness : 6mm Mass: 103g
148-312 Thimble diameter: 29

() : with spindle fully retracted

SPECIFICATIONS

Metric						
Order No.	Range	Accuracy	Stem dia.	Stem	Spindle end	Special features
148-301	0 - 6.5mm	±2μm	9.5mm	Plain	Flat	15mm thimble dia.
148-302				W/ clamp nut		
148-303				Plain		20mm thimble dia.
148-304				W/ clamp nut	Spherical (SR4)	29mm thimble dia.
148-305				Plain		
148-306				W/ clamp nut		
148-313	0 - 13mm			Plain	Spherical (SR4)	15mm thimble dia.
148-314			W/ clamp nut			
148-307			Plain	Flat		15mm thimble dia.
148-308			W/ clamp nut			
148-309			Plain		20mm thimble dia.	
148-310			W/ clamp nut			
148-311	0 - 13mm			Plain	Flat	29mm thimble dia.
148-312			W/ clamp nut			

Inch								
Order No.	Range	Accuracy	Stem dia.	Stem	Spindle end	Special features		
148-351	0 - .25"	±.0001"	.375"	Plain	Flat	.59" thimble dia.		
148-352				W/ clamp nut				
148-353				Plain		.79" thimble dia.		
148-354				W/ clamp nut				
148-355				Plain		1.14" thimble dia.		
148-356				W/ clamp nut				
148-357	0 - .5"					Plain		.59" thimble dia.
148-358				W/ clamp nut				
148-359				Plain		.79" thimble dia.		
148-360				W/ clamp nut				
148-361				Plain		1.14" thimble dia.		
148-362				W/ clamp nut				