

Micrometer Heads 13 mm Range with Zero Thimble

Series 148 - Standard type, small size with zero-adjustable thimble.

These are a standard type of small size micrometer heads with a zero-adjustable thimble. They offer the following benefits:

- You can make a zero-setting at any position by loosening the setscrew in the thimble.



148-503



148-504

Metric

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Spindle end	Spindle pitch	Stem Ø	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-503	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	Plain		-	35
148-513	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	Plain		Stainless steel	35
148-508	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	w/ clamp nut	6	-	40
148-853	0 - 13	±2 µm	0,01 mm	Spherical (SR4)	0,5 mm	9,5 mm	Plain		-	40
148-518	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	w/ clamp nut	6	Stainless steel	40
148-858	0 - 13	±2 µm	0,01 mm	Spherical (SR4)	0,5 mm	9,5 mm	w/ clamp nut	6	-	40

Metric

Reverse reading

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Spindle end	Spindle pitch	Stem Ø	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-863	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	Plain		Reverse reading	35
148-868	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	w/ clamp nut	6	Reverse reading	40

Metric

Reverse reading / with spindle lock

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Spindle end	Spindle pitch	Stem Ø	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-864	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	w/ clamp nut	6	Reverse reading	40
148-866	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	Plain		Reverse reading	35

Metric

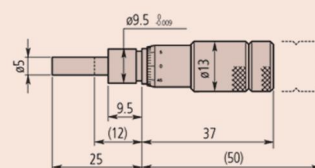
With spindle lock

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Spindle end	Spindle pitch	Stem Ø	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-506	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	Plain			35
148-504	0 - 13	±2 µm	0,01 mm	Flat	0,5 mm	9,5 mm	w/ clamp nut	6		40
148-854	0 - 13	±2 µm	0,01 mm	Spherical (SR4)	0,5 mm	9,5 mm	w/ clamp nut	6		40
148-856	0 - 13	±2 µm	0,01 mm	Spherical (SR4)	0,5 mm	9,5 mm	Plain			35

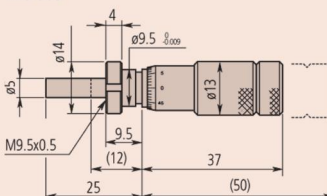
Specifications

Measuring face

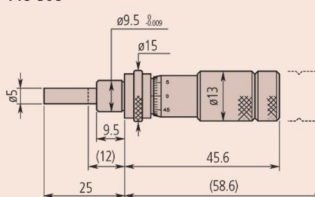
Hardened steel (>60 HRC)



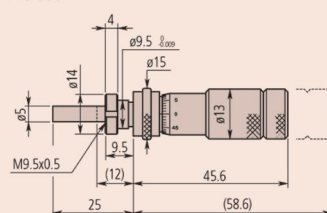
148-503



148-508



148-506



148-504

(): with spindle full retracted