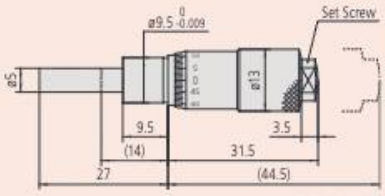
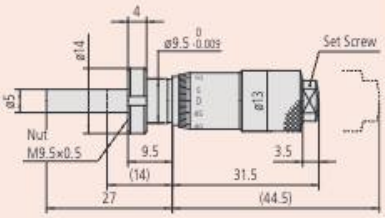
Micrometer Heads 13 mm Range Small Standard Type

Specifications

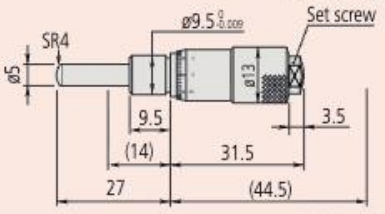
Measuring face	Hardened steel (>60 HRC)



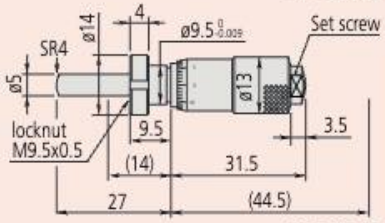
148-104-10



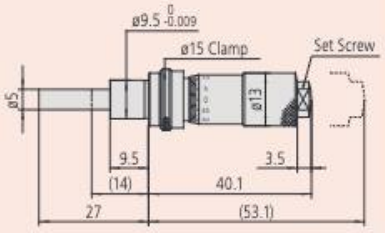
148-103-10



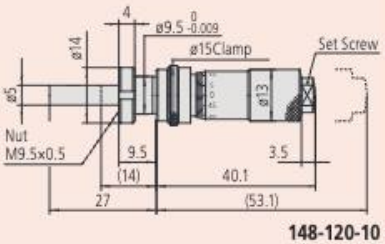
148-801-10



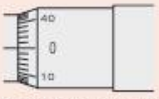
148-802-10



148-121-10



148-120-10



148-821-10 / 148-822-10
148-823-10 / 148-824-10
Reverse reading

Series 148 - Small standard type

This is a standard, small-sized micrometer head which offers you the following benefits:

- Plain stem and a flat or spherical spindle end
- Hardened steel measuring surface



148-104-10



148-103-10



148-801-10



148-802-10



148-121-10



148-120-10

Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Spindle end	Spindle pitch [mm]	Stem Ø [mm]	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-104-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	Plain			30
148-103-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	w/ clamp nut	6		35
148-801-10	0 - 13	0,01 mm	±2 µm	Spherical (SR4)	0,5	9,5	Plain			30
148-802-10	0 - 13	0,01 mm	±2 µm	Spherical (SR4)	0,5	9,5	w/ clamp nut	6		35
148-821-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	Plain		Reverse reading	30
148-822-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	w/ clamp nut	6	Reverse reading	35

Metric With spindle lock

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Spindle end	Spindle pitch [mm]	Stem Ø [mm]	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
148-121-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	Plain			40
148-120-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	w/ clamp nut	6		45
148-803-10	0 - 13	0,01 mm	±2 µm	Spherical (SR4)	0,5	9,5	Plain			40
148-804-10	0 - 13	0,01 mm	±2 µm	Spherical (SR4)	0,5	9,5	w/ clamp nut	6		45
148-823-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	Plain		Reverse reading	40
148-824-10	0 - 13	0,01 mm	±2 µm	Flat	0,5	9,5	w/ clamp nut	6	Reverse reading	45

All products to be sold to commercial customers.
Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo