

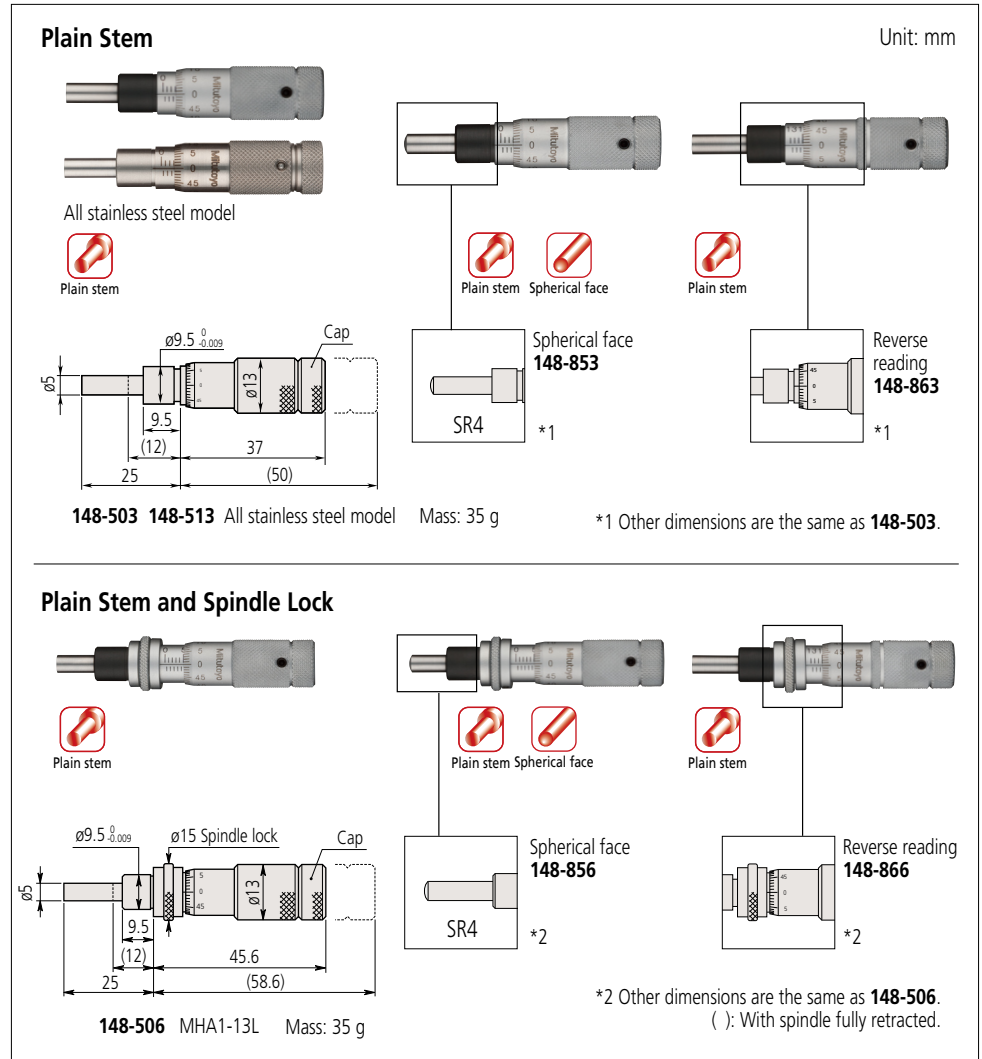
## Technical Data

Graduation: 0.01 mm or 0.001 in  
Spindle pitch: 0.5 mm or 0.025 in

## Micrometer Heads SERIES 148 — Small Thimble Diameter Standard Type

- Measuring stroke of 13 mm.
- The thimble can be set to zero at any position by loosening the setscrew.
- Stainless steel throughout: 148-513, 518, 511.

## DIMENSIONS



## SPECIFICATIONS

| Metric    |        |          |           |               |                 |                            |
|-----------|--------|----------|-----------|---------------|-----------------|----------------------------|
| Order No. | Stroke | Accuracy | Stem dia. | Stem          | Spindle end     | Special features           |
| 148-503   | 13 mm  | ±2 μm    | 9.5 mm    | Plain         | Flat            | Standard                   |
| 148-513   |        |          |           |               |                 | Stainless steel throughout |
| 148-508   |        |          |           | W/ clamp nut  | Flat            | Standard                   |
| 148-506   |        |          |           | Plain*        |                 |                            |
| 148-504   |        |          |           | W/ clamp nut* | Spherical (SR4) | Standard                   |
| 148-853   |        |          |           | Plain         |                 |                            |
| 148-854   |        |          |           | W/ clamp nut* | Flat            | Reverse reading            |
| 148-863   |        |          |           | Plain         |                 |                            |
| 148-864   |        |          |           | W/ clamp nut* | Spherical (SR4) | Stainless steel throughout |
| 148-518** |        |          |           | W/ clamp nut  |                 |                            |
| 148-858** |        |          |           | W/ clamp nut  | Flat            | Standard                   |
| 148-866** |        |          |           | Plain*        |                 |                            |
| 148-856** |        |          |           | Plain*        | Spherical (SR4) | Reverse reading            |
| 148-868** |        |          |           | W/ clamp nut  | Flat            | Reverse reading            |

\* with spindle lock \*\* made-to-order models

| Inch      |        |            |           |               |                 |                            |
|-----------|--------|------------|-----------|---------------|-----------------|----------------------------|
| Order No. | Stroke | Accuracy   | Stem dia. | Stem          | Spindle end     | Special features           |
| 148-501   | 0.5 in | ±0.0001 in | 0.375 in  | Plain         | Flat            | Standard                   |
| 148-511** |        |            |           |               |                 | Stainless steel throughout |
| 148-507** |        |            |           | W/ clamp nut  | Flat            | Standard                   |
| 148-505   |        |            |           | Plain*        |                 |                            |
| 148-502   |        |            |           | W/ clamp nut* | Spherical (SR4) | Standard                   |
| 148-851   |        |            |           | Plain         |                 |                            |
| 148-852   |        |            |           | W/ clamp nut* | Flat            | Reverse reading            |
| 148-861   |        |            |           | Plain         |                 |                            |
| 148-862   |        |            |           | W/ clamp nut* | Flat            | Reverse reading            |

\* with spindle lock \*\* made-to-order models

# Micrometer Head

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

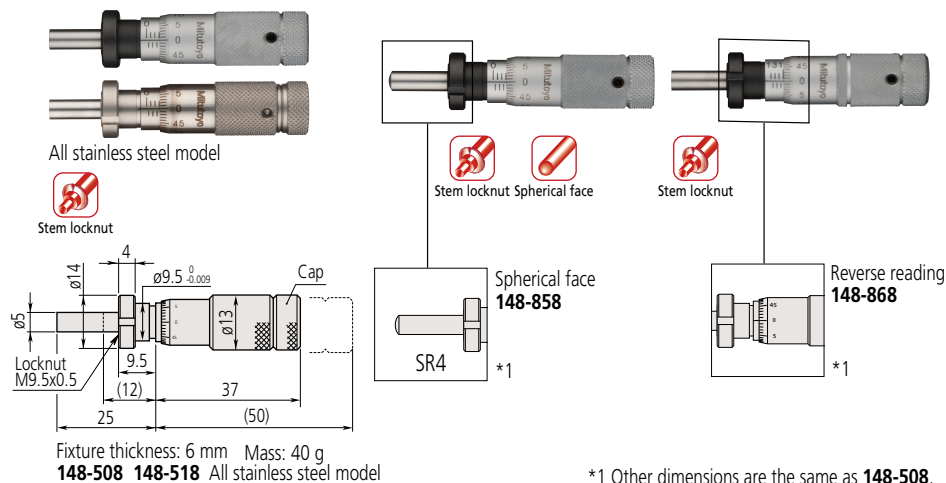
## Micrometer Heads

### SERIES 148 — Small Thimble Diameter Standard Type

#### DIMENSIONS

##### Stem Locknut

Unit: mm



##### Stem Locknut and Spindle Lock

