

# Micrometer Head

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

## Micrometer Heads SERIES 148 — Fine Spindle Feed of 0.25 mm/rev

- Miniature micrometer heads for ease of incorporating into machines.

### DIMENSIONS

#### Plain Stem

Unit: mm

**148-132** Mass: 30 g

**148-322** Mass: 30 g

#### Stem Locknut

Fixture thickness: 6 mm

**148-133** Mass: 35 g

**148-323** Mass: 35 g

( ) : with spindle fully retracted

### SPECIFICATIONS

| Metric    |        |            |          |           |              |                 |               |
|-----------|--------|------------|----------|-----------|--------------|-----------------|---------------|
| Order No. | Stroke | Graduation | Accuracy | Stem dia. | Stem         | Spindle end     | Spindle pitch |
| 148-132   | 13 mm  | 0.01 mm    | ±2 μm    | 9.5 mm    | Plain        | Spherical (SR4) | 0.25 mm       |
| 148-133   |        |            |          |           | w/ clamp nut |                 |               |
| 148-322   | 6.5 mm |            |          |           | Plain        |                 |               |
| 148-323   |        |            |          |           | w/ clamp nut |                 |               |