

## Specifications

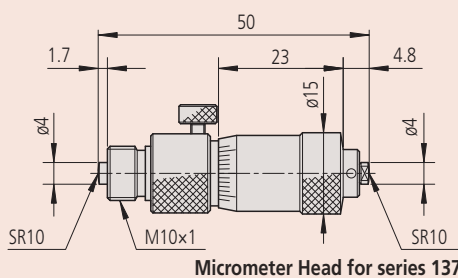
|                   |                                                 |
|-------------------|-------------------------------------------------|
| Scale             | Thimble and sleeve satin chrome finish, ø15 mm  |
| Measuring spindle | Spindle pitch 0,5 mm                            |
| Extension         | ø12,5 mm                                        |
| Delivered         | Including box, key, extensions, micrometer head |

## Optional accessories

| No.     | Description                                |
|---------|--------------------------------------------|
| 137-011 | Inside Micrometer, Hardened Face, 50-63mm  |
| 137-013 | Inside Micrometer, Carbide-tipped, 50-63mm |

## Consumable spares

| No.    | Description                                              |
|--------|----------------------------------------------------------|
| 980505 | Extension Rod for Series 137, 13mm, Hardened Face        |
| 980507 | Extension Rod for Series 137, 25mm, Hardened Face        |
| 980509 | Extension Rod for Series 137, 50mm, Hardened Face        |
| 980511 | Extension Rod for Series 137, 100mm, Hardened Face       |
| 980515 | Extension Rod for Series 137, 200mm, Hardened Face       |
| 980517 | Extension Rod for Series 137, 300mm, Hardened Face       |
| 980519 | Extension Rod for Series 137, 337, 13mm, Carbide Tipped  |
| 980521 | Extension Rod for Series 137, 337, 25mm, Carbide Tipped  |
| 980523 | Extension Rod for Series 137, 337, 50mm, Carbide Tipped  |
| 980525 | Extension Rod for Series 137, 337, 100mm, Carbide Tipped |
| 980529 | Extension Rod for Series 137, 337, 200mm, Carbide Tipped |
| 980531 | Extension Rod for Series 137, 337, 300mm, Carbide Tipped |

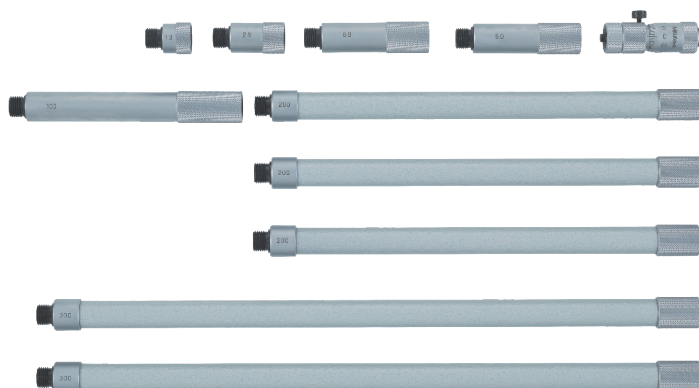


# Tubular Inside Micrometers with Extensions

## Series 137

This is an extension rod type inside micrometer that offers you the following benefits:

- Interchangeable extensions with cylindrical gage rods are spring-mounted in protective sleeves so you can extend the measuring range.
- Carbide measuring faces are available.



137-205

## Metric

With carbide measuring surface

| No.     | Range [mm] | Measuring span | Graduation | Spindle feed error [μm] | Limit of error                                                               | Extension rods                                               | Mass [g] |
|---------|------------|----------------|------------|-------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------|----------|
| 137-206 | 50 - 150   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 3 (13, 25, 50 mm)                                            | 145      |
| 137-207 | 50 - 300   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 5 (13, 25, 50 (2 pcs.), 100 mm)                              | 305      |
| 137-208 | 50 - 500   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 6 (13, 25, 50 (2 pcs.), 100, 200 mm)                         | 460      |
| 137-209 | 50 - 1000  | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 8 (13, 25, 50 (2 pcs.), 100, 200 (2 pcs.), 300 mm)           | 845      |
| 137-210 | 50 - 1500  | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 10 (13, 25, 50 (2 pcs.), 100, 200 (3 pcs.), 300 mm (2 pcs.)) | 1225     |

## Metric

With hardened measuring surface

| No.     | Range [mm] | Measuring span | Graduation | Spindle feed error [μm] | Limit of error                                                               | Extension rods                                              | Mass [g] |
|---------|------------|----------------|------------|-------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------|----------|
| 137-201 | 50 - 150   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 3 (13, 25, 50 mm)                                           | 145      |
| 137-202 | 50 - 300   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 5 (13, 25, 50 (2 pcs.), 100 mm)                             | 305      |
| 137-203 | 50 - 500   | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 6 (13, 25, 50 (2 pcs.), 100, 200 mm)                        | 460      |
| 137-204 | 50 - 1000  | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 8 (13, 25, 50 (2 pcs.), 100, 200 (2 pcs.), 300 mm)          | 845      |
| 137-205 | 50 - 1500  | 13 mm          | 0,01 mm    | 3                       | $\pm(3+\text{number of rods}+\text{max. measurement length}/50) \mu\text{m}$ | 10, 13, 25, 50 (2 pcs.), 100, 200 (3 pcs.), 300 mm (2 pcs.) | 1225     |