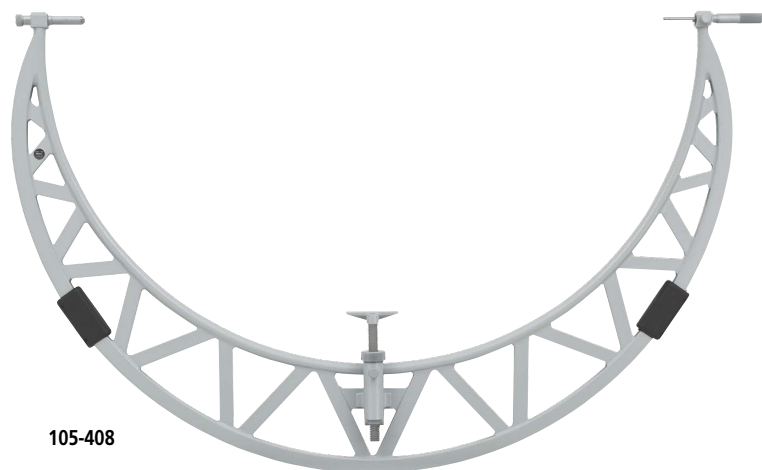


### Measurement example



## Outside Micrometers SERIES 105 — with Anvil Extension Collars

- Square and round pipes are combined to create a lightweight, rigid frame.
- Wide measuring range with anvil extension collars.
- 50 mm/2 in spindle stroke.
- Includes workpiece stopper.
- Measuring faces: Carbide tipped
- Equipped with Ratchet Stop for constant measuring force.



105-408

### SPECIFICATIONS

| Metric         |             |                 |                              |                         |                         |               |                  |
|----------------|-------------|-----------------|------------------------------|-------------------------|-------------------------|---------------|------------------|
| Code No.       | Range (mm)  | Graduation (mm) | Extension Collars            | Setting Standard (pcs.) | Spindle feed error (μm) | Flatness (μm) | Parallelism (μm) |
| (every 100 mm) |             |                 |                              |                         |                         |               |                  |
| 105-408        | 1000 - 1100 | 0.01            | 1 pc.<br>(50 mm)             | 2                       | 6                       | 1.3           | 13               |
| 105-409        | 1100 - 1200 |                 |                              |                         |                         |               | 14               |
| 105-410        | 1200 - 1300 |                 |                              |                         |                         |               | 15               |
| 105-411        | 1300 - 1400 |                 |                              |                         |                         |               | 16               |
| 105-412        | 1400 - 1500 |                 |                              |                         |                         |               | 17               |
| 105-413        | 1500 - 1600 |                 |                              |                         |                         |               | 18               |
| 105-414        | 1600 - 1700 |                 |                              |                         |                         |               | 19               |
| 105-415        | 1700 - 1800 |                 |                              |                         |                         |               | 20               |
| 105-416        | 1800 - 1900 |                 |                              |                         |                         |               | 21               |
| 105-417        | 1900 - 2000 |                 |                              |                         |                         |               | 22               |
| (every 200 mm) |             |                 |                              |                         |                         |               |                  |
| 105-418        | 1000 - 1200 | 0.01            | 2 pcs.<br>(50 mm,<br>100 mm) | 4<br>(every<br>50 mm)   | 6                       | 1.3           | 14               |
| 105-419        | 1200 - 1400 |                 |                              |                         |                         |               | 16               |
| 105-420        | 1400 - 1600 |                 |                              |                         |                         |               | 18               |
| 105-421        | 1600 - 1800 |                 |                              |                         |                         |               | 20               |
| 105-422        | 1800 - 2000 |                 |                              |                         |                         |               | 22               |
| Inch           |             |                 |                              |                         |                         |               |                  |
| Code No.       | Range (in)  | Graduation (in) | Extension Collars            | Setting Standard (pcs.) | Spindle feed error (in) | Flatness (in) | Parallelism (in) |
| 105-428        | 40 - 44     | 0.001           | 1 pc.<br>(2 in)              | 2                       | 0.0003                  | 0.000052      | 0.00052          |
| 105-429        | 44 - 48     |                 |                              |                         |                         |               | 0.00056          |
| 105-430        | 48 - 52     |                 |                              |                         |                         |               | 0.00060          |
| 105-431        | 52 - 56     |                 |                              |                         |                         |               | 0.00064          |
| 105-432        | 56 - 60     |                 |                              |                         |                         |               | 0.00068          |
| 105-433        | 60 - 64     |                 |                              |                         |                         |               | 0.00072          |
| 105-434        | 64 - 68     |                 |                              |                         |                         |               | 0.00076          |
| 105-435        | 68 - 72     |                 |                              |                         |                         |               | 0.00080          |
| 105-436        | 72 - 76     |                 |                              |                         |                         |               | 0.00084          |
| 105-437        | 76 - 80     |                 |                              |                         |                         |               | 0.00088          |

• Standard Accessories: Spanner (200154), 1 pc.