

Indicator Type Micrometers SERIES 107

Measurement example



Typical Indicator Choice

- Dial indicator (0.01 mm): **2046AB**
- Dial indicator (0.001 mm): **2109AB-10**
- ABS Digimatic Indicator (0.01 mm): **543-710B**
- ABS Digimatic Indicator (0.0005 mm): **543-700B**

- Designed to mount a dial indicator for direct GO/±NG judgment for mass-produced parts.
- Anvil retracting trigger for quick measurement.
- Various kinds of indicators* are selectable depending on the measurement type (accuracy required, measuring range, etc.).
- Measuring faces: Carbide tipped
- Anvil stroke: 3 mm

* Only stems of ø8 diameter are supported, but even these may not be supported by some models. Please contact our Customer Support Center or your nearest Mitutoyo sales office for detailed specifications.



107-201
(Indicator shown is optional)

SPECIFICATIONS

| Metric | | | | |
|----------|------------|-------------------------|---------------|------------------|
| Code No. | Range (mm) | Spindle feed error (μm) | Flatness (μm) | Parallelism (μm) |
| 107-201 | 0 - 25 | 3 | 0.6 | 2 |
| 107-202 | 25 - 50 | | | |
| 107-203 | 50 - 75 | | | |
| 107-204 | 75 - 100 | | | |
| 107-205 | 100 - 125 | | | 3 |
| 107-206 | 125 - 150 | | | |
| 107-207 | 150 - 175 | | | |
| 107-208 | 175 - 200 | | | |

• Setting standard, 1 pc. (except for measuring range 0 to 25 mm models), Spanner (301336), 1 pc.

DIMENSIONS

Measuring range up to 50 mm

Measuring range up to 75 mm

Unit: mm

Measuring range up to 200 mm

| Range (mm) | b | d |
|------------|-----|-------|
| 0 - 25 | 30 | 39 |
| 25 - 50 | 38 | 64 |
| 50 - 75 | 45 | 89.5 |
| 75 - 100 | 65 | 115.1 |
| 100 - 125 | 79 | 140.1 |
| 125 - 150 | 93 | 165.1 |
| 150 - 175 | 105 | 190 |
| 175 - 200 | 118 | 214 |