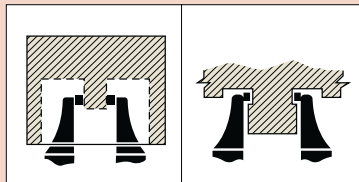


Technical Data

Flatness: 0.3 μm / .000012"
 Parallelism*: (3+R/75) μm /
 [.00012+.00004(R/3)]*

* R = max. range (mm/inch).
 Note: Fractions rounded down.



SERIES 143 – Caliper Anvil Micrometer

- Effective for measuring workpiece features where access is difficult.
- Measuring faces: carbide.
- Equipped with Ratchet Stop for constant measuring force.



143-101

B

Specifications

| Metric | | | | |
|----------|--------------|------------|----------|--|
| Code No. | Range | Graduation | Accuracy | |
| 143-101 | 0 - 25 mm | 0.01 mm | ±5 μm | |
| 143-102 | 25 - 50 mm | | ±6 μm | |
| 143-103 | 50 - 75 mm | | ±7 μm | |
| 143-104 | 75 - 100 mm | | ±8 μm | |
| 143-105 | 100 - 125 mm | | ±9 μm | |
| 143-106 | 125 - 150 mm | | | |
| 143-107 | 150 - 175 mm | | ±10 μm | |
| 143-108 | 175 - 200 mm | | ±11 μm | |
| 143-109 | 200 - 225 mm | | | |
| 143-110 | 225 - 250 mm | | ±12 μm | |
| 143-111 | 250 - 275 mm | | | |
| 143-112 | 275 - 300 mm | | | |

| Inch | | | | |
|----------|--------|------------|----------|--|
| Code No. | Range | Graduation | Accuracy | |
| 143-121 | 0 - 1" | .001" | ±.00025" | |
| 143-122 | 1 - 2" | | ±.0002" | |
| 143-123 | 2 - 3" | | ±.00035" | |

Dimensions

Unit: mm

| Range | L | a | b | c |
|--------------|-----|------|------|------|
| 0 - 25 mm | 0 | | | |
| 25 - 50 mm | 25 | | | |
| 50 - 75 mm | 50 | 20.3 | 11.1 | 28.6 |
| 75 - 100 mm | 75 | | | |
| 100 - 125 mm | 100 | | | |
| 125 - 150 mm | 125 | | | |

| Range | L | a | b | c |
|--------------|-----|------|------|------|
| 150 - 175 mm | 150 | 20.3 | 11.1 | 28.6 |
| 175 - 200 mm | 175 | | | |
| 200 - 225 mm | 200 | | | |
| 225 - 250 mm | 225 | 16.3 | 15.0 | 32.5 |
| 250 - 275 mm | 250 | | | |
| 275 - 300 mm | 275 | | | |