# Sheet Metal Micrometers SERIES 118

- The U-shaped micrometer is ideal for measuring the thickness of sheet metal at a considerable distance from the edge.
- Measuring faces: Carbide tipped
- Profile of measuring faces: Flat-Flat, Spherical-Flat and Spherical-Spherical.
- Equipped with Ratchet Stop for constant measuring force.

118-102

## SPECIFICATIONS

**Metric**

| Code No. | Range (mm) | Graduation (mm) | Maximum permissible error $J_{MPE}$ (µm) | Flatness (µm) | Parallelism (µm) | Throat depth (mm) | Measuring surfaces |
|---|---|---|---|---|---|---|---|
| Analog | | | | | | | |
| **118-101** | 0 - 25 | 0.01 | ±4 | 0.6 | 3 | 100 | F-F |
| **118-102** | | | | | | 150 | |
| **118-114** | | | | | | | S-F |
| **118-118** | | | | | | | S-S |
| **118-103** | | | ±5 | 1 | | 300* | F-F |
| **118-110** | 25 - 50 | | ±4 | 0.6 | | 150 | |
| **118-126** | | | | | | | S-S |

**Inch**

| Code No. | Range (in) | Graduation (in) | Maximum permissible error $J_{MPE}$ (in) | Flatness (in) | Parallelism (in) | Throat depth (in) | Measuring surfaces |
|---|---|---|---|---|---|---|---|
| Analog | | | | | | | |
| **118-129** | 0 - 1 | 0.0001 | ±0.0002 | 0.000024 | 0.00012 | 6 | F-F |
| **118-116** | | | | | | | S-F |
| **118-120** | | | | | | | S-S |
| **118-107** | | 0.001 | ±0.00025 | 0.00004 | | 12* | F-F |
| **118-112** | 1 - 2 | | ±0.0002 | 0.000024 | | 6 | |

- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models)
  Spanner (**200877**), 1 pc. (for **118-1XX**)
  Spanner (**200154**), 1 pc. (for **118-103/107**)

* Models with a 300 mm (12 in) throat are equipped with a stand for convenience of measurement in the horizontal orientation as standard.

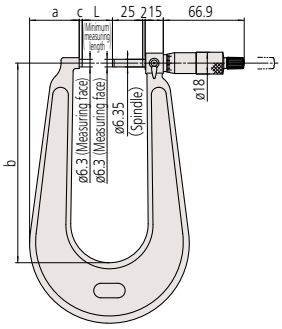
Note: In spherical-flat anvil type micrometers, the measuring face on the anvil side is spherical.



## DIMENSIONS

**Analog models**

Unit: mm




| Code No. | L | a | b | c |
|---|---|---|---|---|
| **118-101** | 0 | 34 | 110 | 2.5 |
| **118-102** | | 43 | 160 | |
| **118-114** | | | | |
| **118-118** | | | | |
| **118-110** | 25 | 41 | 165 | |

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