

Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

Tube Micrometers SERIES 395, 115, 295 — Spherical and Cylindrical Anvil Type

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

- Spindle face: Carbide.
- **Series 395:** IP65 spherical and cylindrical anvil type digital micrometers.

- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric				
Order No.	Range (mm)	Resolution (mm)	Maximum permissible error J_{MPE} (μm)	Remarks
395-261-30	0 - 25	0.001	±3	Type A
395-262-30				Type B
395-263-30				Type C
395-264-30				Type D

Inch / Metric				
Order No.	Range (in)	Resolution	Maximum permissible error J_{MPE} (in)	Remarks
395-362-30	0 - 1	0.00005 in/ 0.001 mm	±0.00015	Type B
395-363-30				Type C
395-364-30				Type D
395-361-30				Type A

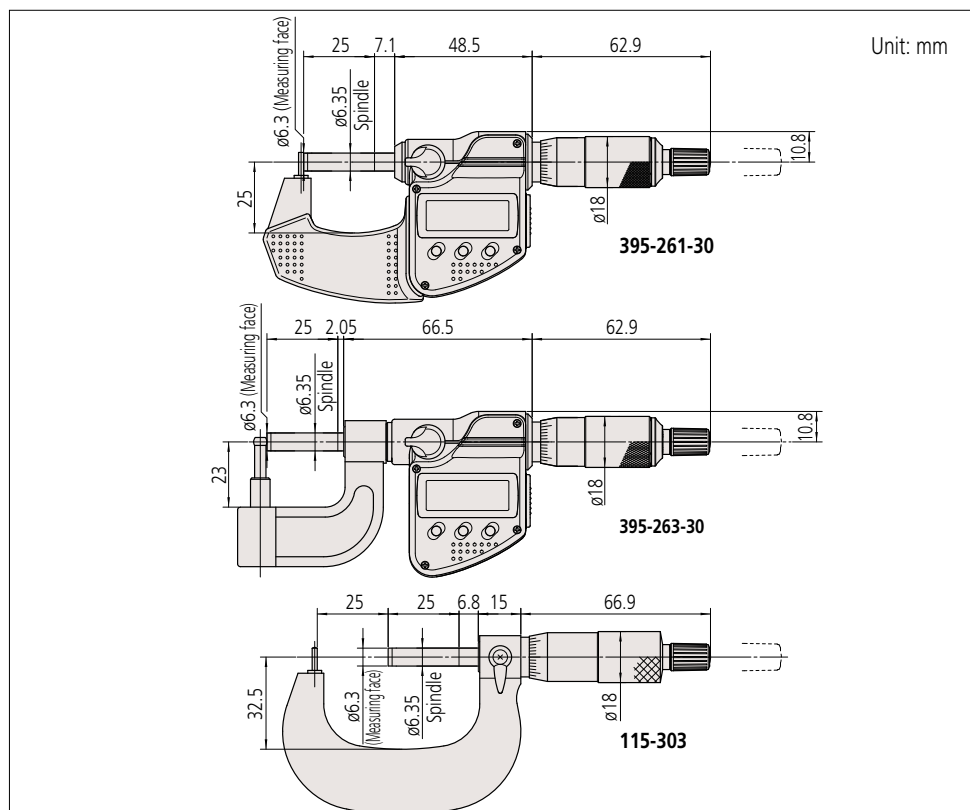
Metric				
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (μm)	Remarks
Analog				
115-302	0 - 25	0.01	±3	Type A
115-308				Type B
115-303	25 - 50			Type A
115-309				Type B
115-315	0 - 25			Type C
115-316				Type D

Inch				
Order No.	Range (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)	Remarks
Analog				
115-305	0 - 1	0.001	± 0.00015	Type A
115-313		0.0001		Type C
115-314				Type D

Note: For functional details of **series 395** refer to page B-8.

Optional connecting cable is available only for water-proof type (Digimatic model).

DIMENSIONS



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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

IP 65

These marks indicate that a product has successfully passed IP65-level testing, which is carried out by the independent German certification organization TÜV Rheinland.



IP Codes (series 395)

Level 6: Dust-proof.

No ingress of dust allowed.

Level 5: Protected against water jets.

Water projected in jets against the enclosure from any direction shall have no harmful effects.

Type A (pin)



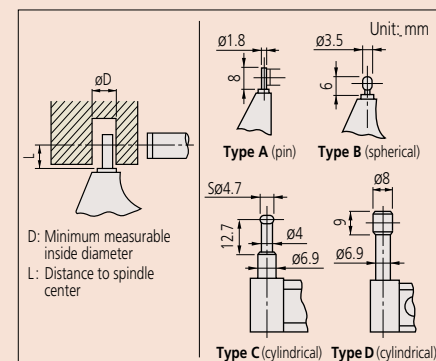
Type B (spherical)



Type C (cylindrical)



Type D (cylindrical)



Anvil	øD	L
Type A	ø2.0	4
Type B	ø3.6	
Type C	ø4.8	12
Type D	ø8.2	22

Technical Data

- Battery for **series 395**
SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 2.4 years under normal use (for **series 395**)
- Length standard: Electromagnetic rotary sensor (for **series 395**)
- Standard accessories: Reference bar, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models)
Spanner (**301336**), 1 pc.

Optional Accessories

- Connecting cables for **series 395**
1 m: **05CZA662**
2 m: **05CZA663**
- USB Input Tool Direct
USB-ITN-B (2 m): **06AFM380B**
- **U-WAVE-T** dedicated connection cable
160 mm: **02AZD790B**
For foot switch: **02AZE140B**
Refer to page A-27 for details.

Wireless Data Output **U-WAVE**

- **U-WAVE-TM 264-622** (IP67 type)
264-623 (Buzzer type)
- **U-WAVE-TMB Transmitter Mitutoyo Bluetooth[®] U-WAVE 264-626** (IP type)
264-627 (Buzzer type)
Refer to page A-16 for details.
- Connecting unit for **U-WAVE-TM/TMB 02AZF310** (IP67/buzzer type common specification)
Refer to pages A-16 and A-18 for details.