



Dust- and  
Water-  
Protected  
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Applicable models: series 395

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

### Measurement example



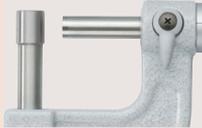
Type A (pin)

Type B (spherical)



Type C (cylindrical)

Type D (cylindrical)



- Designed to measure the wall thickness of various tubing.
- Spindle face: Carbide tipped
- IP65 water/dust protection (**series 395**).
- Equipped with Ratchet Stop for constant measuring force.



395-261-30

### SPECIFICATIONS

Metric				
Code No.	Range (mm)	Resolution (mm)	Maximum permissible error $J_{MPE}$ ( $\mu\text{m}$ )	Remarks
Digimatic				
395-261-30	0 - 25	0.001	$\pm 3$	Type A
395-262-30				Type B
395-263-30				Type C
395-264-30				Type D

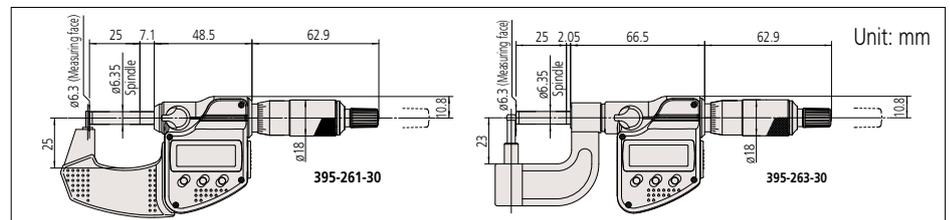
Inch / Metric				
Code No.	Range (in)	Resolution	Maximum permissible error $J_{MPE}$ (in)	Remarks
Digimatic				
395-362-30	0 - 1	0.00005 in/ 0.001 mm	$\pm 0.00015$	Type B
395-363-30				Type C
395-364-30				Type D

### Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
05CZA662	B	Connection cable for <b>series 395</b> (1 m)
05CZA663	B	Connection cable for <b>series 395</b> (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD730G	IP67	<b>U-WAVE-T</b>
02AZD880G	Buzzer	<b>U-WAVE-T</b>
02AZE200	—	<b>U-WAVE-T</b> mounting bracket
02AZD790B	B	Connection cable for <b>U-WAVE-T</b> (160 mm)
02AZE140B	B	Connection cable for <b>U-WAVE-T</b> For foot switch
264-622	IP67	<b>U-WAVE-TM</b>
264-623	Buzzer	<b>U-WAVE-TM</b>
264-626	IP67	<b>U-WAVE-TMB</b>
264-627	Buzzer	<b>U-WAVE-TMB</b>
02AZF310	IP67	Connecting unit for <b>U-WAVE-TM/TMB</b>

- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
  - Battery life: Approx. 2.4 years under normal use
  - Position detection method: Electromagnetic rotary sensor
  - Standard accessories: Spanner (**301336**), 1 pc.
- Note: For functional details, refer to page 02-7.  
Optional connection cable is available only for water-proof type (Digimatic model).

### DIMENSIONS



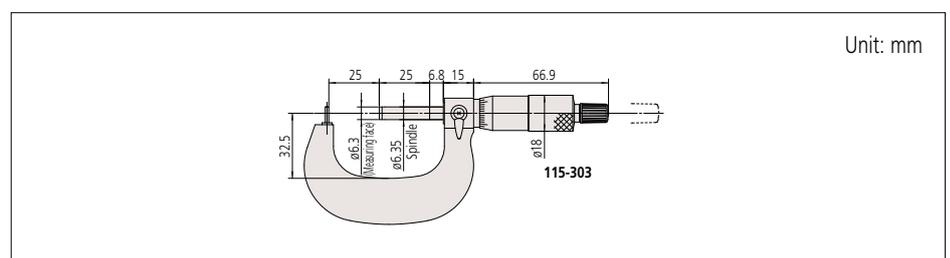
### SPECIFICATIONS

Metric				
Code No.	Range (mm)	Graduation (mm)	Maximum permissible error $J_{MPE}$ ( $\mu\text{m}$ )	Remarks
Analog				
115-302	0 - 25	0.01	$\pm 3$	Type A
115-308				Type B
115-303				Type A
115-315	25 - 50	0.01	$\pm 3$	Type B
115-316				Type C
115-311	0 - 25	0.01	$\pm 3$	Type C
115-312				Type D

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

- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models)
- Spanner (**301336**), 1 pc.

### DIMENSIONS



### Anvil shape

Unit: mm

D: Minimum measurable inside diameter  
L: Distance to spindle center

Anvil	$\phi D$	L
Type A	$\phi 2.0$	4
Type B	$\phi 3.6$	4
Type C	$\phi 4.8$	12
Type D	$\phi 8.2$	22