

Inside Micrometers

SERIES 141 – Interchangeable Rod Inside Micrometer

- Wide range of inside diameter measurements possible by combining one or more interchangeable rods.
- Each interchangeable rod is marked with its measuring range.
- For models supplied with more than one interchangeable rod, the full measuring range is achieved by combining spacing collars with the rods.
- Both micrometer head and rods are satin-chrome finished throughout.
- A handle extension that screws into the fixed handle on the micrometer head enables the head to be inserted deep into a hole.
- The sleeve is rotated to adjust the index line position when setting to a length standard.
- An optional inside-length standard, such as a setting ring or Inside Micro Checker (see pages C-37 to C-38 or page C-24, respectively), is required for accurately setting the micrometer before measurement.

141-101



Specifications

Metric

Code No.	Range	Graduation	Stroke	No. of rods
141-101	25-50 mm	0.01 mm	7 mm	2
141-205	50-200 mm		13 mm	3
141-206	50-300 mm			5
141-117	200-500 mm			3
141-118	200-1000 mm			8

Carbide measuring face

141-103	25-50 mm	0.01 mm	7 mm	2
141-211	50-200 mm		13 mm	3
141-212	50-300 mm			5

Inch

Code No.	Range	Graduation	Stroke	No. of rods
141-102	1-2"	.001"	.25"	2
141-208	2-8"		5"	3
141-233	2-12"			5
141-121	8-20"			3
141-122	8-40"			8

Carbide measuring face

141-104	1-2"	.001"	.25"	2
141-214	2-8"		5"	3
141-215	2-12"			5

Technical Data

Accuracy: $\pm(6+L/50) \mu\text{m}^* / \pm[.0003+.00005 (L/2)]^* *$

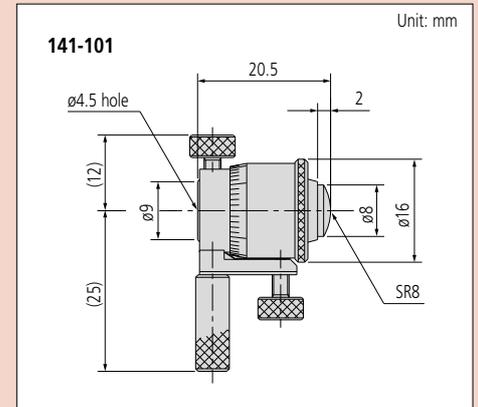
* L = maximum measuring length (mm/inch)

Note: Fractions rounded up

Optional Accessory

Setting rings (up to $\phi 300 \text{ mm} / \phi 12''$) refer to pages C-37 to C-38.

Dimensions



The handle extension enables measurement deep within a hole.



Interchangeable rod inside micrometer.



Fitted with one of the extension rods supplied.