

Inside Micrometers

For easy and accurate measurement of inside diameters

Inside Micrometers SERIES 141 — Interchangeable Rod Type

- 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.
- The sleeve is rotated to adjust the index line position when setting to a length standard.
- Setting ring (nominal size below 300mm), CERA Inside Micro Checker, and Gauge Block accessory set are provided as a reference gage for datum adjustment (refer to page C-47, C-26, and E-17 - E20 for details).



When using one of the extension rods supplied
(Measuring range 43 to 50mm)

141-101
When using one of the extension rods supplied
(Measuring range 25 to 32mm)

SPECIFICATIONS

Metric				
Order No.	Range	Graduation	Micrometer head stroke	Remarks
141-001 / 141-003*	25 - 32mm	0.01mm	7mm	—
141-101 / 141-103*	25 - 50mm			with 2 rods
141-025 / 141-027*	50 - 63mm		13mm	—
141-205 / 141-211*	50 - 200mm			with 3 rods
141-206 / 141-212*	50 - 300mm			with 5 rods
141-009 / 141-011*	200 - 225mm		25mm	—
141-117	200 - 500mm			with 3 rods
141-118	200 - 1000mm			with 8 rods

* with carbide measuring face

Inch				
Order No.	Range	Graduation	Micrometer head stroke	Remarks
141-002 / 141-004*	1" - 1.25"	.001"	.25"	—
141-102 / 141-104*	1" - 2"			with 2 rods
141-026 / 141-028*	2" - 2.5"		.5"	—
141-208 / 141-214*	2" - 8"			with 3 rods
141-233 / 141-215*	2" - 12"			with 5 rods
141-010 / 141-012*	8" - 9"		1"	—
141-121	8" - 20"			with 3 rods
141-122	8" - 40"			with 8 rods

* with carbide measuring face

Technical Data

Accuracy
 $\pm(6+\text{maximum measurement length}/50)\mu\text{m}$
(fraction rounded up)



DIMENSIONS

