

Inside Micrometers

Inside Micrometers SERIES 141 — Interchangeable-Rod Type

- Wide range of inside measurements possible by combining one or more Interchangeable Rods.
- For models supplied with more than one Interchangeable Rod, the full measuring range is achieved by combining spacing collars with the rods.



141-101

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

Measurement example



SPECIFICATIONS

Metric					
Order No.	Range (mm)	Spindle feed error*2 (μm)	Graduation (mm)	Micrometer head stroke (mm)	Remarks
141-101 / 141-103*1	25 - 50	3	0.01	7	with 2 rods
141-205 / 141-211*1	50 - 200			13	with 3 rods
141-206 / 141-212*1	50 - 300			with 5 rods	
141-117	200 - 500			25	with 3 rods
141-118	200 - 1000			with 8 rods	

Inch					
Order No.	Range (in)	Spindle feed error*2 (in)	Graduation (in)	Micrometer head stroke (in)	Remarks
141-102 / 141-104*1	1 - 2	0.00015	0.001	0.25	with 2 rods
141-208 / 141-214*1	2 - 8			0.5	with 3 rods
141-233 / 141-215*1	2 - 12			with 5 rods	
141-121	8 - 20			1	with 3 rods
141-122	8 - 40			with 8 rods	

*1 With carbide measuring face

*2 "Spindle feed error" refers to the difference between the maximum and minimum indication error values within the specification range of the micrometer head

Metric Micrometer head only model				
Order No.	Range (mm)	Spindle feed error*2 (μm)	Graduation (mm)	Micrometer head stroke (mm)
141-001 / 141-003*1	25 - 32	3	0.01	7
141-025 / 141-027*1	50 - 63			13
141-009 / 141-011*1	200 - 225			25

Inch Micrometer head only model				
Order No.	Range (in)	Spindle feed error*2 (in)	Graduation (in)	Micrometer head stroke (in)
141-002 / 141-004*1	1 - 1.25	0.00015	0.001	0.25
141-026 / 141-028*1	2 - 2.5			0.5
141-010 / 141-012*1	8 - 9			1

*1 With carbide measuring face

*2 "Spindle feed error" refers to the difference between the maximum and minimum indication error values within the specification range of the micrometer head

DIMENSIONS

