

Technical Data

Graduation: 0.01 mm / .001"
 Micrometer head
 stroke: 13 mm / .5"
 Accuracy: $\pm(3+n+L/50) \mu\text{m}^* /$
 $\pm[.00015+.00005n+.00005 (L/2)]^*$
 * n = number of tubes, L = maximum measuring length (mm/inch)
 Note: Fractions rounded up

Optional Accessory

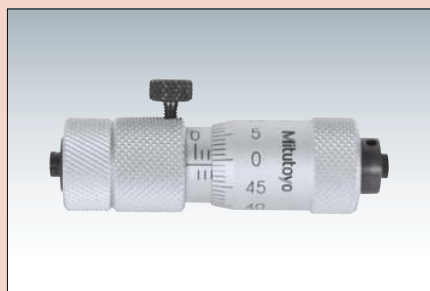
Setting rings (up to $\varnothing 300 \text{ mm} / \varnothing 12''$) refer to pages C-37 to C-38.

SERIES 137 – Extension Tube Inside Micrometer

- Wide range of inside measurements possible by combining extension tubes with the micrometer head.
- 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.
- Carbide measuring faces on the micrometer head are available.



137-205



137-011

Specifications

Metric				
Code No.	Range	Extension tubes	Main unit	
137-011	50 - 63 mm	—	50 - 63 mm	
137-201	50 - 150 mm	13, 25, 50 mm		
137-202	50 - 300 mm	13, 25, 50 (2 pcs.), 100 mm		
137-203	50 - 500 mm	13, 25, 50 (2 pcs.), 100, 200 mm		
137-204	50 - 1000 mm	13, 25, 50 (2 pcs.), 100, 200 (2 pcs.), 300 mm		
137-205	50 - 1500 mm	13, 25, 50 (2 pcs.), 100, 200 (3 pcs.), 300 (2 pcs.) mm		

Carbide measuring faces

137-013	50 - 63 mm	—	50 - 63 mm	
137-206	50 - 150 mm	13, 25, 50 mm		
137-207	50 - 300 mm	13, 25, 50 (2 pcs.), 100 mm		
137-208	50 - 500 mm	13, 25, 50 (2 pcs.), 100, 200 mm		
137-209	50 - 1000 mm	13, 25, 50 (2 pcs.), 100, 200 (2 pcs.), 300 mm		
137-210	50 - 1500 mm	13, 25, 50 (2 pcs.), 100, 200 (3 pcs.), 300 (2 pcs.) mm		

Inch

Code No.	Range	Extension tubes	Main unit	
137-012	2 - 2.5"	—	2 - 2.5"	
137-211	2 - 6"	.5", 1", 2"		
137-212	2 - 12"	.5", 1", 2" (2 pcs.), 4"		
137-213	2 - 20"	.5", 1", 2" (2 pcs.), 4", 8"		
137-214	2 - 40"	.5", 1", 2" (2 pcs.), 4", 8" (2 pcs.), 12"		
137-215	2 - 60"	.5", 1", 2" (2 pcs.), 4", 8" (3 pcs.), 12" (2 pcs.)		

Carbide measuring faces

137-014	2 - 2.5"	—	2 - 2.5"	
137-216	2 - 6"	.5", 1", 2"		
137-217	2 - 12"	.5", 1", 2" (2 pcs.), 4"		
137-218	2 - 20"	.5", 1", 2" (2 pcs.), 4", 8"		
137-219	2 - 40"	.5", 1", 2" (2 pcs.), 4", 8" (2 pcs.), 12"		
137-220	2 - 60"	.5", 1", 2" (2 pcs.), 4", 8" (3 pcs.), 12" (2 pcs.)		

Dimensions

