

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

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

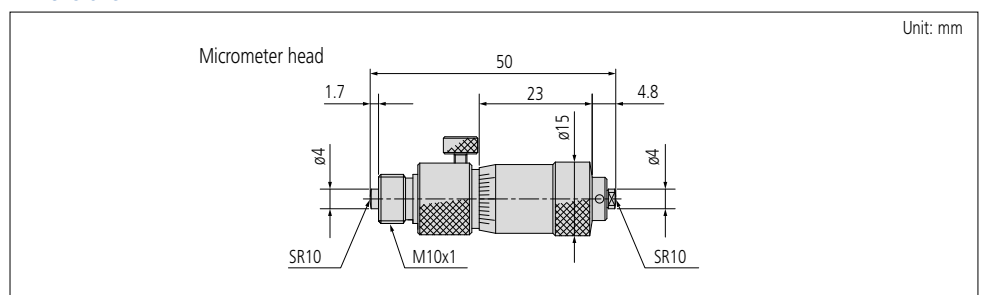
137-013	50-63 mm	—	50-63 mm
137-206	50-150 mm	13, 25, 50 mm	
137-207	50-300 mm	13, 25, 50 (2 pcs.), 100 mm	
137-208	50-500 mm	13, 25, 50 (2 pcs.), 100, 200 mm	
137-209	50-1000 mm	13, 25, 50 (2 pcs.), 100, 200 (2 pcs.), 300 mm	
137-210	50-1500 mm	13, 25, 50 (2 pcs.), 100, 200 (3 pcs.), 300 (2 pcs.) mm	

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.)	

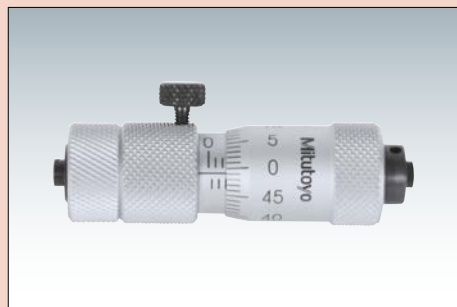
Carbide measuring faces

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



Unit: mm



137-011