

Outside Micrometers SERIES 104 — with Interchangeable Anvils

- Wide measuring range with interchangeable anvils.
- Measuring face of the spindle is carbide tipped (standard model).
- Equipped with Ratchet Stop for constant measuring force.



SPECIFICATIONS

Metric									
Order No.	Range (mm)	Graduation (mm)	Spindle feed error (μm)	Flatness (μm)	Parallelism (μm)	Interchangeable anvils	Setting Qty	Standard Size (mm)	Micrometer head stroke (mm)
Analog									
104-171*	0 - 50	0.01	3	0.6	2	1 pc.	1	25	25
104-139A	0 - 100				3	4 pcs.	3	25 - 75	
104-135A	0 - 150				3	6 pcs.	5	25 - 125	
104-161A	50 - 150				4	4 pcs.	4	50 - 125	
104-140A	100 - 200				4	6 pcs.	6	100 - 175	
104-136A	150 - 300				5	6 pcs.	6	150 - 275	
104-141A	200 - 300			1.0	6	4 pcs.	4	200 - 275	
104-142A	300 - 400				7			300 - 375	
104-143A	400 - 500				8			400 - 475	
104-144A	500 - 600				9			500 - 575	
104-145A	600 - 700				10			600 - 675	
104-146A	700 - 800				11			700 - 775	
104-147A	800 - 900	12	800 - 875						
104-148A	900 - 1000	12	900 - 975						

Inch												
Order No.	Range (in)	Graduation (in)	Spindle feed error (in)	Flatness (in)	Parallelism (in)	Interchangeable anvils	Setting Qty	Standard Size (in)	Micrometer head stroke (in)			
Analog												
104-165	0 - 2	0.0001	0.00015	0.000024	0.00008	1 pc.	1	1	1			
104-149	0 - 4				0.00012	4 pcs.	3	1 - 3				
104-137	0 - 6				0.00012	6 pcs.	5	1 - 5				
104-162	2 - 6				0.00016	4 pcs.	4	2 - 5				
104-150	4 - 8				0.0002	6 pcs.	6	6 - 11				
104-138	6 - 12				0.0002	4 pcs.	4	8 - 11				
104-151	8 - 12				0.00004	0.00024	4 pcs.	4		12 - 15		
104-152	12 - 16					0.00024				6 pcs.	6	12 - 17
104-201	12 - 18					0.00028				4 pcs.	4	16 - 19
104-153	16 - 20					0.00032				6 pcs.	6	18 - 23
104-202	18 - 24					0.00032				4 pcs.	4	20 - 23
104-154	20 - 24					0.00036				6 pcs.	6	24 - 27
104-155	24 - 28	0.0004	0.0004	4 pcs.	4	24 - 29						
104-203	24 - 30		0.0004			6 pcs.	6	28 - 31				
104-156	28 - 32		0.00044			6 pcs.	6	30 - 35				
104-204	30 - 36		0.00044			4 pcs.	4	32 - 35				
104-157	32 - 36		0.00048			4 pcs.	4	36 - 39				
104-158	36 - 40		0.00048			6 pcs.	6	36 - 41				
104-205	36 - 42	0.00048	6 pcs.	6	36 - 41							

* The frame is fitted with a heat shield.

