

Micrometer

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									
Code No.	Range (mm)	Graduation (mm)	Spindle feed error (μm)	Flatnessr (μm)	Parallelism (μm)	Interchangeable anvils	Setting Standard Qty/	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					6 pcs.	5	25 - 125	
104-161A	50 - 150				4	4 pcs.	4	50 - 125	
104-140A	100 - 200					6 pcs.	6	100 - 175	
104-136A	150 - 300			5	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								
Inch									
Code No.	Range (in)	Graduation (in)	Spindle feed error (in)	Flatness (in)	Parallelism (in)	Interchangeable anvils	Setting Standard Qty/	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					6 pcs.	5	1 - 5	
104-162	2 - 6				0.00016	4 pcs.	4	2 - 5	
104-150	4 - 8					0.0002	6	4 - 7	
104-138	6 - 12							6 - 11	
104-151	8 - 12			0.00004	0.00024	4 pcs.	4	8 - 11	
104-152	12 - 16					6 pcs.	6	12 - 15	
104-201	12 - 18				0.00028	4 pcs.	4	12 - 17	
104-153	16 - 20					6 pcs.	6	16 - 19	
104-202	18 - 24				0.00032	4 pcs.	4	18 - 23	
104-154	20 - 24					6 pcs.	6	20 - 23	
104-155	24 - 28				0.00036	4 pcs.	4	24 - 27	
104-203	24 - 30					6 pcs.	6	24 - 29	
104-156	28 - 32				0.0004	4 pcs.	4	28 - 31	
104-204	30 - 36					6 pcs.	6	30 - 35	
104-157	32 - 36				0.00044	4 pcs.	4	32 - 35	
104-158	36 - 40					6 pcs.	6	36 - 39	
104-205	36 - 42				0.00048	6 pcs.	6	36 - 41	

* The frame is fitted with a heat shield.

