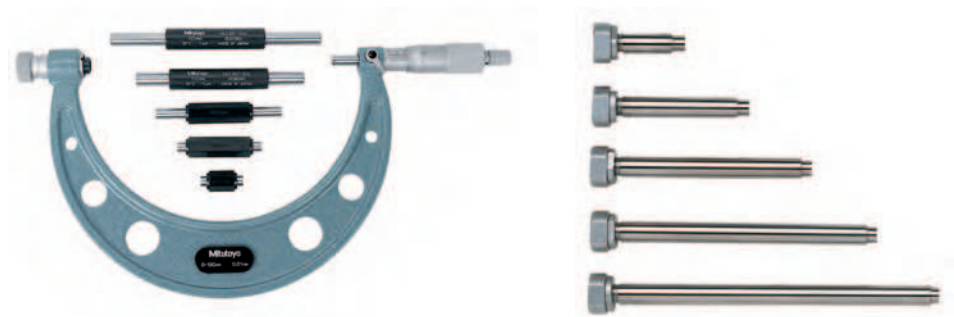


# Outside Micrometer with interchangeable anvils

## Series 104

- Interchangeable anvils provide a wide measuring range.



104-135A

### Specifications

Accuracy	$\pm(4+L/75) \mu\text{m}$ , L = max. range (mm)
Graduation	0,01 mm/0.001"
Scales	Thimble and sleeve satin chrome finish $\varnothing 18$ mm (up to 300 mm) $\varnothing 21$ mm (over 300 mm)
Flatness	0,6 $\mu\text{m}$ for models up to 300 mm 1 $\mu\text{m}$ for models over 300 mm
Parallelism	2 $\mu\text{m}$ for models up to 75 mm 3 $\mu\text{m}$ for models up to 150 mm $(2+L/100) \mu\text{m}$ for models over 150 mm L = max. range (mm)
Measuring surfaces	Hardened, lapped (Anvil), carbide tipped, lapped (Spindle side)
Frame	Lightweight construction, enamelled
Measuring spindle	$\varnothing 6,35$ mm (up to 300 mm) $\varnothing 8$ mm (over 300 mm) Spindle pitch 0,5 mm (or 0.025") with spindle lock
Measuring force	5-10 N, 10-14 N (over 300 mm)
Delivered	Including box, setting standard, anvils, key

### Metric

No.	Range	Interchangeable anvils pcs.	Applicable Standards pcs.	Mass kg
104-171	0-50 mm	1	-	0.32
104-135A	0-150 mm	6	5	1.35
104-161A	50-150 mm	4	4	1.35
104-140A	100-200 mm	4	4	1.38
104-136A	150-300 mm	6	6	2.65
104-141A	200-300 mm	4	4	2.22
104-142A	300-400 mm	4	4	3.31
104-143A	400-500 mm	4	4	4.81
104-144A	500-600 mm	4	4	6.35
104-145A	600-700 mm	4	4	7.72
104-146A	700-800 mm	4	4	9.08
104-147A	800-900 mm	4	4	10.41
104-148A	900-1000 mm	4	4	11.78

### Inch

No.	Range	Interchangeable anvils pcs.	Applicable Standards pcs.	Mass kg
104-165*	0 - 2" <sup>(1)</sup>	1	-	0.32
104-149	0 - 4"	4	3	0.79
104-137	0 - 6"	6	5	1.35
104-162	2 - 6"	4	4	1.35
104-150	4 - 8"	4	4	1.38
104-138	6 - 12"	6	6	2.65
104-151	8 - 12"	4	4	2.22
104-152	12 - 16"	4	4	3.31
104-201*	12 - 18"	6	6	4.65
104-153	16 - 20"	4	4	4.805
104-202	18 - 24"	6	6	6.515
104-154	20 - 24"	4	4	6.35
104-155	24 - 28"	4	4	7.715
104-203	24 - 30"	6	6	9.96
104-156	28 - 32"	4	4	9.075
104-204*	30 - 36"	6	6	11.88
104-157	32 - 36"	4	4	10.405
104-158	36 - 40"	4	4	11.78
104-205*	36 - 42"	6	6	13.7

(1) 0.0001" reading (obtained with vernier)