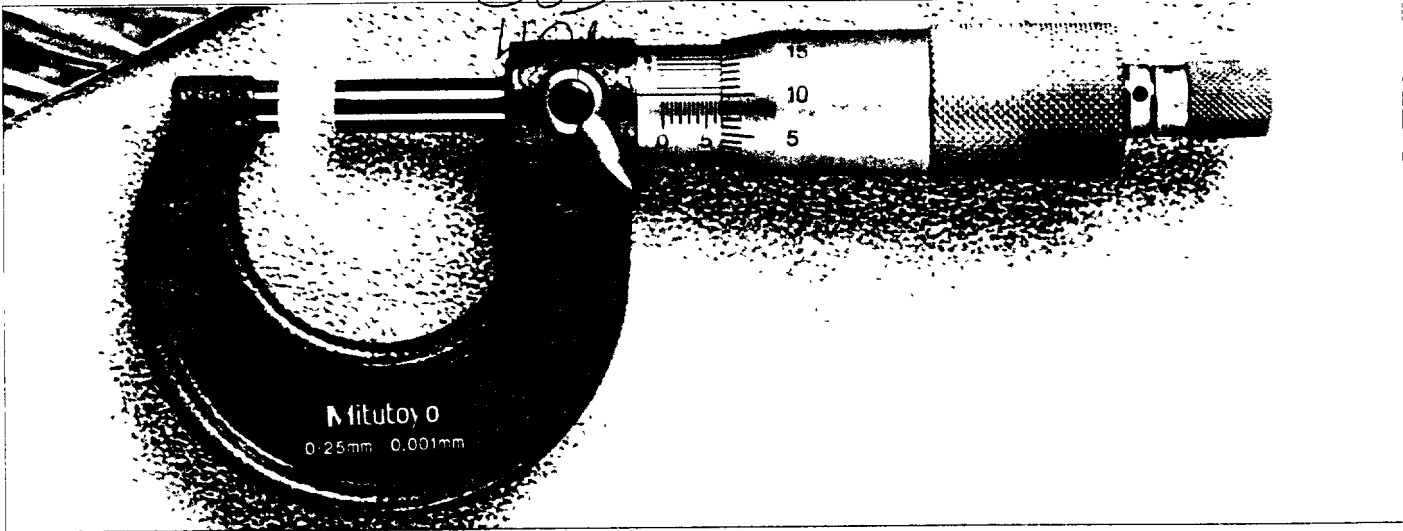


103 series

457-371
383
450

Standard Outside Micrometer



Enamelled frame economy type micrometer with Tungsten Carbide tipped anvils.

- Accuracy
- Flatness: 0.6µm for up to 300mm
1.0µm for up to 500mm
- Parallelism: (2+L/100)µm
(fraction rounded down)
- Instrumental Error
+(1+L/75)µm
(fraction rounded up)
L=maximum measuring length

See page 275 for suitable measuring standard bars.

● Dimensions unit mm

No.	L	A	B	C
103-137	30.3	2.8	9	28
103-138H	55.3	2.8	10	38
103-139H	80.3	2.8	12	49
103-140H	105.3	2.8	14	60
103-141H	132.8	5.3	17	79
103-142H	158.2	5.7	19	94
103-143H	183.6	6.1	20	106
103-144H	208.8	6.3	19	118
103-145H	234.2	6.7	18	130
103-146H	258	5.5	18	143
103-147H	284	6.5	18	156
103-148H	309	6.5	18	169

Range	No.	Grad.	Type
0-25mm	103-125	0.01mm	Friction
0-25mm	103-137	0.01mm	Ratchet
0-25mm	103-129	0.001mm	Ratchet
0-25mm	103-133	0.001mm	Friction
25-50mm	103-130	0.001mm	Ratchet
25-50mm	103-138H	0.01mm	Ratchet
50-75mm	103-139H	0.01mm	Ratchet
75-100mm	103-140H	0.01mm	Ratchet
100-125mm	103-141H	0.01mm	Ratchet
125-150mm	103-142H	0.01mm	Ratchet
150-175mm	103-143H	0.01mm	Ratchet
175-200mm	103-144H	0.01mm	Ratchet
200-225mm	103-145H	0.01mm	Ratchet
225-250mm	103-146H	0.01mm	Ratchet
250-275mm	103-147H	0.01mm	Ratchet
275-300mm	103-148H	0.01mm	Ratchet
300-325mm	103-149H	0.01mm	Ratchet
325-350mm	103-150H	0.01mm	Ratchet
350-375mm	103-151H	0.01mm	Ratchet
375-400mm	103-152H	0.01mm	Ratchet
400-425mm	103-153H	0.01mm	Ratchet
425-450mm	103-154H	0.01mm	Ratchet
450-475mm	103-155H	0.01mm	Ratchet
475-500mm	103-156H	0.01mm	Ratchet
500-525mm	103-157H	0.01mm	Ratchet
525-550mm	103-158H	0.01mm	Ratchet
550-575mm	103-159H	0.01mm	Ratchet
575-600mm	103-160H	0.01mm	Ratchet

Range	No.	Grad.	Type
0-1"	103-127	0.001"	Friction
0-1"	103-177	0.001"	Ratchet
0-1"	103-131	0.001"	Ratchet
0-1"	103-135	0.0001"	Friction
1-2"	103-132H	0.0001"	Ratchet
1-2"	103-178H	0.001"	Ratchet
2-3"	103-179H	0.001"	Ratchet
3-4"	103-180H	0.001"	Ratchet
4-5"	103-181H	0.001"	Ratchet
5-6"	103-182H	0.001"	Ratchet
6-7"	103-183H	0.001"	Ratchet
7-8"	103-184H	0.001"	Ratchet
8-9"	103-185H	0.001"	Ratchet
9-10"	103-186H	0.001"	Ratchet
10-11"	103-187H	0.001"	Ratchet
11-12"	103-188H	0.001"	Ratchet
12-13"	103-189H	0.001"	Ratchet
13-14"	103-190H	0.001"	Ratchet
14-15"	103-191H	0.001"	Ratchet
15-16"	103-192H	0.001"	Ratchet
16-17"	103-193H	0.001"	Ratchet
17-18"	103-194H	0.001"	Ratchet
18-19"	103-195H	0.001"	Ratchet
19-20"	103-196H	0.001"	Ratchet
20-21"	103-197H	0.001"	Ratchet
21-22"	103-198H	0.001"	Ratchet
22-23"	103-199H	0.001"	Ratchet
23-24"	103-200H	0.001"	Ratchet

