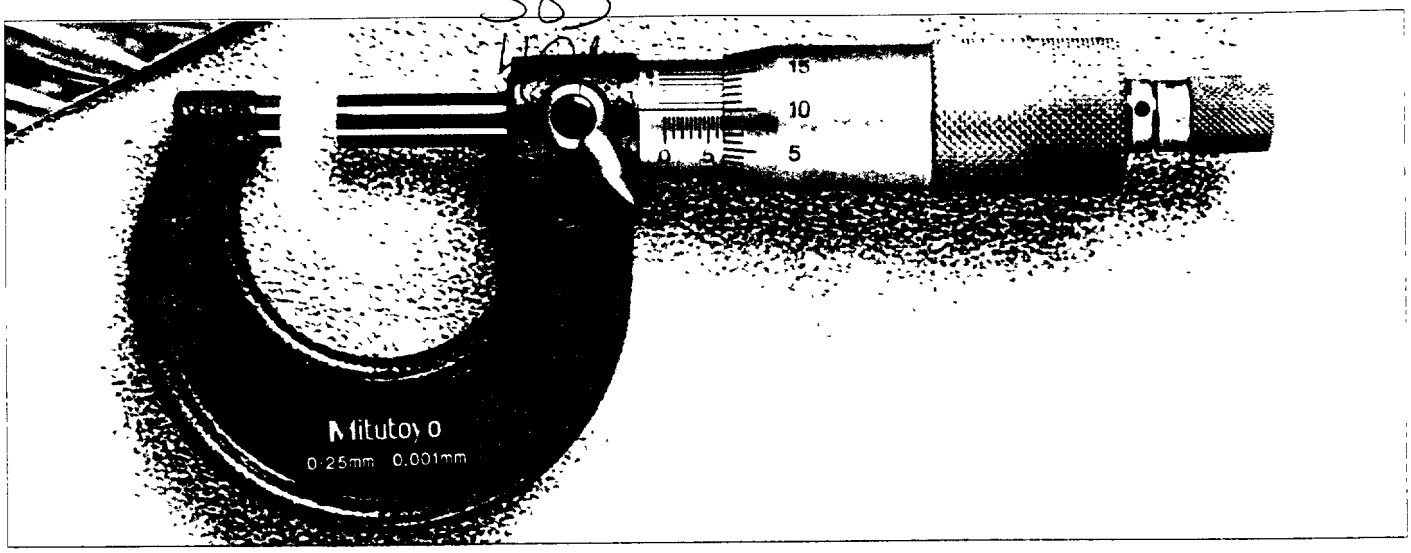
103 series 457-371 383 Standard Outside Micrometer



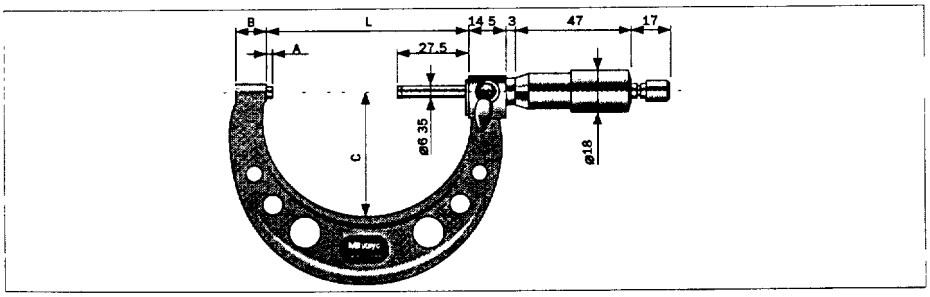
Enamelled frame economy type micrometer with Tungsten Carbide tipped anvils.

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