

	CORPORATE STANDARD	AA6611001 Rev. No.01 PAGE 1 of 2
OUTSIDE MICTOMETER, FIXED ANVIL		
1 SCOPE This standard covers the dimensions and other requirements of outside micrometers, fixed anvil, carbide tipped, least count 0.01 mm. 2 DESIGNATION An outside micrometer, fixed anvil, carbide tipped with a range of setting 25 to 50 mm, with least count 0.01 mm, M/S. Mitutoyo or its equivalent shall be designated as 2.1 On Indents Outside Micrometer 25 to 50 M/S Mitutoyo or its equivalent - AA6611001 2.2 For Issuing Enquiries and purchase Orders Delete the corporate standard No. from the above designation and add the information given under clause 4. 2.3 Abbreviated Description OUTSIDE MCR. M FXD. 25-50, 0,01 3 MATERIAL 3.1 Frame Steel or malleable cast iron with heat insulating plates. 3.2 Spindle and Anvil Spindle and anvil shall be made of stainless steel and the faces shall be tungsten carbide tipped. 3.3 Thimble, barrel and all other locking and clamping devices shall be made of suitable quality wear resistant steel. 4 COMPLIANCE WITH STANDARDS 4.1 Dimensions, Graduations, Materials Construction, General Requirements, Tests, Marking, Packing etc. To conform to M/S. Mitutoyo catalogue or its equivalent.		
Revisions: As per clause 36.1.B) of MOM of MRC-Tools		APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(T)
Rev. No.01	Amd. No.	Reaffirmed
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Range	M/s Mitutoyo Catalogue Ref. No.	Graduation	Flatness μm	Parallelism	Instrumental Error $\pm \mu\text{m}$	Sub- code
0-25	103-137	0.01	0.6	2	2	0.18
25-50	103-138	0.01	0.6	2	2	026
50-75	103-139	0.01	0.6	3	3	034
75-100	103-140	0.01	0.6	3	3	042
100-125	103-141	0.01	0.6	3	3	050
125-150	103-142	0.01	0.6	3	3	069
150-175	103-143	0.01	0.6	4	4	077
175-200	103-144	0.01	0.6	4	4	085

NOTE:

Details of sizes standardized at corporate level are shown above. For Details of sizes stocked at plant level, refer annexure.