

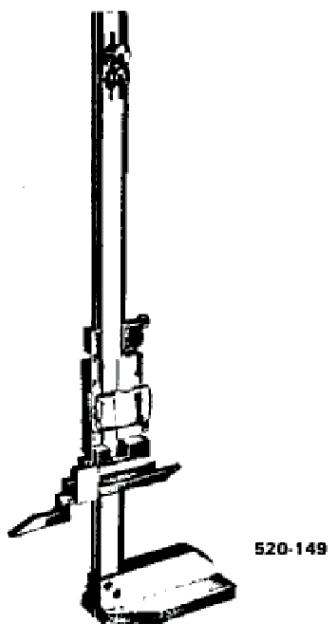
	CORPORATE STANDARD			AA6611811	
				Rev. No.02	
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VERNIER HEIGHT GAUGE, FLAT BEAM WITH FINE ADJUSTMENT, 0.02 mm LEAST COUNT					
1.0 SCOPE					
This standard covers the dimensions and other requirements of Vernier height gauges, flat beam with fine adjustment, 0.02 mm least count.					
2.0 DESIGNATION					
A Vernier height gauge of measuring range 300 mm with 0.02 mm least count made of stainless steel shall be designated as					
2.1 On indents					
Vernier height gauge, stainless steel, range 300, least count 0.02 mm – AA6611811					
2.2 For issuing enquiries and on purchase orders					
A copy of this standard shall be enclosed					
2.3 Abbreviated Description					
VRNR HEIGHT GG 300 X 0.02					
3.0 MATERIAL					
Stainless steel except for the scriber which shall be carbide tipped.					
4.0 HARDNESS					
The underside of the base and faces of the measuring jaw and scriber shall be hardened and precision ground and lapped.					
5.0 COMPLIANCE WITH STANDARDS					
5.1 Dimensions: As per this standard.					
5.2 Fine adjustment: Fine adjustment of the slider shall be provided.					
5.3 Marking					
Vernier height gauge shall be legibly and permanently marked in characters not less than 1 mm height with:					
a) The unit symbol of the scale figures on the beam (mm).					
b) The name of the manufacturer or his trade mark.					
c) The indication 1/50 mm or 0.02 mm on the vernier.					
Revisions: Clause 34.1 of MOM of MRC-Tools			APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(T)		
Rev. No.02	Amd. No.	Reaffirmed	Prepared	Issued	Dt. of 1 st Issue
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5.4 Packing

Each vernier height gauge shall be packed in a suitable anticorrosive packing material. The height gauge shall be supplied in a suitable protective case.

6.0 REFERRED STANDARDS (Latest Publications including Amendments)

Nil



All dimensions are in 'mm'

Measuring range	Vernier scale	Base Size	Scriber No.	M/S Mitutoyo Catalogue No.	Sub-Code
300	0.02	85 x 125	900167	520 - 149	010*
600	0.02	120 x 180	900282	520 - 150	028
1000	0.02	150 x 250	900389	520 - 151	036

Note

- 1) Details of sizes standardized at corporate level only are shown above.
- 2) For details of sizes stocked at plant level, refer annexure issued by plant.