

Norms of European Model Railroads
Track Clearance Diagram
for Straight Track

NEM
102
 1 Page

Binding Norm

Measurements in mm

2003 Edition
 replacement for 1979 edition

This norm describes the proper placement of standard and wide gauge track ¹, defining the clearance area into which no fixed object shall project ², thereby allowing rail vehicles conforming to NEM 301 to pass without obstruction.

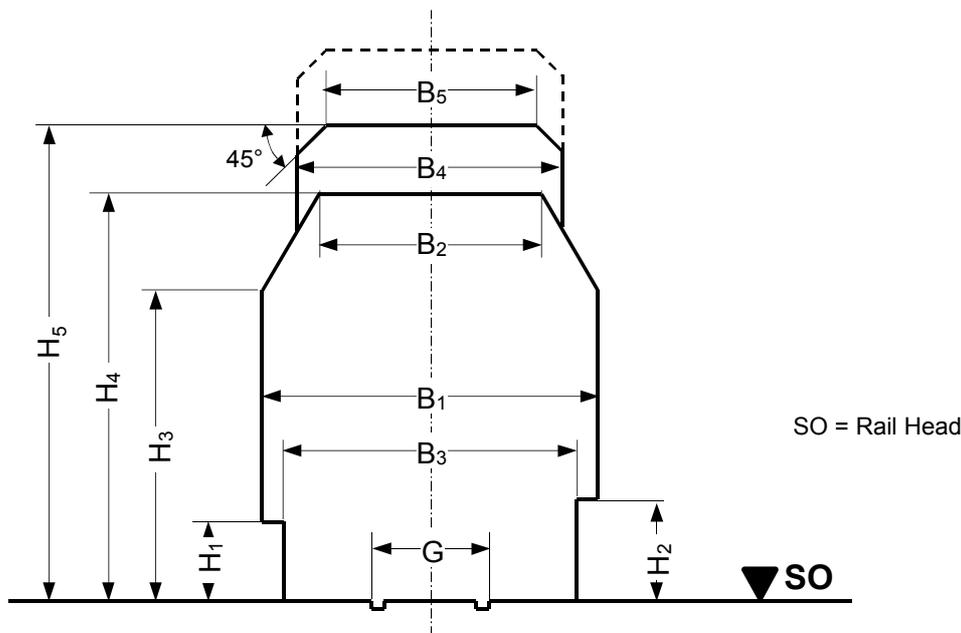


Table of Measurements

Scale	G	B ₁	B ₂	B ₃	H ₁	H ₂ ³	H ₃	H ₄	with overhead wire ⁴		
									B ₄	B ₅	H ₅ ⁵
Z	6,5	20	14	18	4	6	18	24	16	13	27
N	9,0	27	18	25	6	8	25	33	22	18	37
TT	12,0	36	24	32	8	10	33	43	28	22	48
H0	16,5	48	32	42	11	14	45	59	38	30	65
S	22,5	66	44	57	15	19	60	78	50	38	87
0	32,0	94	63	82	21	27	85	109	68	52	120
I	45,0	130	87	114	30	38	118	150	93	71	165
II	64,0	184	124	154	35	52	168	214	140	106	235

¹ For wide gauge vehicles conforming to NEM 010, the standard track width **G** is used as a basis.
² Functional elements and side rails for current supply ("third rail" systems) may project into the lower part.
³ Only for tracks adjacent to freight platforms.
⁴ For overhead wire (catenary) standards, see NEM 201 and 202.
⁵ Measurement **H₅** is the standard clearance with the overhead contact wire in the standard position. The contact wire, its mounting, and the pantograph may project into the area above this box..