

Les différentes échelles
The different scales

Scale: The proportion that the model bears to the full size prototype - can be expressed either as size relationship (1":1ft) or a ratio (1:12, 1/12).

Gauge: The distance between the rails - generally inside rail to inside rail.

Échelle: La proportion entre le modèle réel et le modèle miniature

S'exprime sous forme de relation (1":1 pied) ou un ratio (1:12 ou 1/12)

Écartement: La distance entre les deux rails, mesurée de l'intérieur d'un rail à l'intérieur de l'autre rail.

Scale name Nom de l'échelle	Origin Origine	Gauge Écartement	Proportion Proportion	Comments Commentaires	
<u>Model Engineering scales:</u>					
1		24"	5":1ft	Live steam - parks & commercial	
2		19"	4":1ft	Live steam - parks & commercial	
3		18"	4":1ft	Live steam - parks & commercial	
4		15"	3":1ft	Live steam	
5		10 1/4"		Triang Minex - proprietary 1960's	
6		9 1/2"	2":1ft		
7	USA	7 1/2"	2 1/2":1ft	Live steam - narrow gauge	
8		7 1/2"	1 6/10":1ft	Live steam	
9		7 1/2"	1 1/2":1ft	Live steam	
10	USA	7 1/4"	1 1/2":1ft	Live steam	
11		5 1/4"	1":1ft	Live steam	
12		3 1/2"	1":1ft	Live steam - 3'6" gauge	
13		3 1/2"		Live steam	
<u>Model Railway scales:</u>					
14	VI	Europe	181.8mm	1:5.5	NEM standard gauge
15	1"	Britain	4 13/16"	1":1ft	Defunct tinplate scale
16	No 5 gauge		4 5/8"		Maerklin standard - 1891

Les différentes échelles
The different scales

17	V	Europe	125mm	01:08	NEM standard gauge
18	1 1/16"	Britain	3 1/4"	1 1/16":1ft	Defunct tinplate scale
19	No 4 gauge		75mm or 3"		
20	IV	Europe	90.9mm	01:11	NEM standard gauge
21	No 3 gauge		67mm or 2 5/8"		
22	III	Europe	62.5mm	01:11	NEM
23		USA		2 1/2"	American Flyer
24	IIIe	Europe	45mm	01:16	NEM narrow gauge
25	II	Europe	54mm	1:22.5	NEM normal gauge - Magris
<u>Standard Gauge</u>					
26		USA	2 1/8"		Lionel, Boucher
27	IIIm (or G)	Europe	45mm	1:22.5	LGB Metre gauge models -"Garten"
28					
29	G	USA	45mm	1:24-28	Narrow gauge - 2ft
30	SM45	Britain	45mm	16mm:1ft	Narrow gauge - 3ft
31	SM32	Britain	32mm	16mm:1ft	Narrow gauge - 2ft
32	No 1 Gauge	Britain	45mm	10mm:1ft	Standard. British modellers also use the more correct 3/8":1ft, 1:32 scale and most current trade offerings are 1:32
33		Europe	45mm	01:32	NEM normal gauge - Maerklin
34	9 mm	NZ	32mm	9mm:1ft	NZR models - 3'6" gauge
35	0	Britain	32mm	7mm:1ft, 1:43.5	
36	OF	Britain	32mm	7mm:1ft	Fine scale - more accurate wheel std
37	ScaleSeven	Britain	33mm	7mm:1ft, 1:43.5	Exact scale option
38	No 0 Gauge	Europe	32mm	1:43.5	
39	0	Europe	32mm	01:45	
40	0	France	32mm	23mm:1m	
41	Om	Europe			Narrow gauge - 1 mètre
42	O 27	USA	1 1/4"	No scale	Lionel Toys, 27" diameter curves
43	O 72	USA	1 1/4"	No scale	Lionel Toys, 72" diameter curves
44	O 17	USA	1 1/4"	17/64":1ft, 1:45	

Les différentes échelles
The different scales

45	O	USA	1 1/4"	1/4":1ft, 1:48	NMRA standard
46	Proto 48	USA	1 11/64"	1/4":1ft, 1:48	Exact scale option formerly (1950's-) known as 1/4" AAR, replaces Q
47	Q	USA	1 3/16"	1/4":1ft, 1:48	
48	On3 1/2	USA	7/8"	1/4":1ft, 1:48	Narrow gauge - 3'6"
49	On3	USA	3/4"	1/4":1ft, 1:48	Narrow gauge - 3ft
50	On2 1/2	Britain	16.5mm	7mm:1ft	Narrow gauge
51	O Minex	Germany	16.5mm	01:43	Maerklin HO stud contact - 750mm gauge
52	Oe	Germany	16.5mm	1:43.5	Fleischmann Magic Train - 750mm gauge
53	On2 1/2 (30) USA	USA	39/64"	1/4":1ft, 1:48	Narrow gauge - 2'6"
54	On2	USA	1/2"	1/4":1ft, 1:48	Narrow gauge - 2ft
55	On1 1/2 (18) USA	USA	9mm	1/4":1ft, 1:48	Narrow gauge - 1'6"
56		Britain	12mm	5.5mm:1ft	1.55.5 2'- 2'3" narrow gauge Tal-y-Llyn and Festiniog Railways
57	Fn3 (?)	Britain	16.5mm	5.5mm:1ft, 1:55.5 3ft	narrow gauge, IOM
58	H1	USA	7/8"	3/16":1ft, 1:64	Forerunner of S scale
59	S	USA	7/8"	3/16":1ft, 1:64	
60	S 5'6"	NZ		3/16":1ft, 1:64	Canterbury broad gauge
61	Sn3 1/2	NZ	16.5mm	3/16":1ft, 1:64	Represents 3'6" gauge
62	Sn3	USA	9/16"	3/16":1ft, 1:64	Narrow gauge - 3ft
63	Sn2 1/2	USA	15/32"	3/16":1ft, 1:64	Narrow gauge - 2'6"
64	Sn2	USA	3/8"	3/16":1ft, 1:64	Narrow gauge - 2ft
65	Table Top	Europe	5/8"		Bing 1921-1934
66	OO	Britain	16.5mm	4mm:1ft	H Greenly - 1923 on
67	HO	Britain	5/8"	3.5mm:1ft	Developed from Bing standards
68	HO	Britain	16.5mm	3.5mm:1ft	Unusual, mostly foreign models, but a a UK group now exists modelling British trains to HO and or P87 standards
69	OO	Britain	16.5mm	4mm:1ft, 1:76.2	The standards formerly set by the BRMSB are now obsolete and largely ignored by the

Les différentes échelles
The different scales

70	EM	Britain	18mm	4mm:1ft, 1:76.2	trade, a new OO scale association has recently been formed to define standards. (Eighteen Millimetre)
71	EM	Britain	18.2mm	4mm:1ft, 1:76.2	Revised standard
72	EEM	Britain	18.83mm	4mm:1ft, 1:76.2	A temporary step in the evolution of P4, has long been obsolete
73	P4	Britain	18.82mm	4mm:1ft, 1:76.2	P4 or Protofour was a radical rethink created by scaling down from the prototype and increasing tolerances by the minimum necessary for practical production of components. It created quite a stir in 1966/67 but is now very well established. P4 standards are also used for modelling Irish Railways broad and Narrow gauges, using 21mm and 12mm gauges. And for modelling the GWR Broad gauge using 28mm gauge
74	S4	Britain	18.82mm	4mm:1ft, 1:76.2	Exact scale flangeways too, made possible by additional effort to reduce the production tolerances built into P4 standards
75	OO Broad G	Britain	28mm	4mm:1ft, 1:76.2	GWR Broad Gauge - 7'0
76	Oon3	Britain	12mm	4mm:1ft, 1:76.2	3ft narrow gauge, IOM Current kits production in this scale
77	OO9	Britain	9mm	4mm:1ft, 1:76.2	Narrow gauge on N gauge track
78	OO	USA	19mm (3/4")	4mm/1ft (5/32")	Prewar commercial
79	OOb5 1/4	Ireland	21mm	4mm:1ft, 1:76.2	
80	HO b5 1/4	Australia	18.5mm	1:87.	Victoria - 5'3" broad gauge
81	OOE	Europe	16.5mm	1.1mm:1m, 1:91	
82	HOE	Europe	16mm	1:87.	Followed from Bing, Bub 5/8" gauge
83	HO	Europe	16.5mm	1:90.	Trix Express

Les différentes échelles
The different scales

84	HO	Europe	16.5mm	1:87.	NEM standard
85	HO	USA	16.5mm	3.5mm:1ft, 1:87.1	NMRA standard
86	P87	USA/Europe	16.5mm	1:87.1	Exact scale option analogous to P4.
87	Hon3 1/2	NZ	12mm	1:87.	NZR - 3'6"
88	Hom	Europe	12mm	1:87.	Narrow gauge - 1 meter
89	Hon3	USA	10.5mm	1:87.	Narrow gauge - 3ft
90	HOn900		10.33mm	1:87.	Narrow gauge - 900mm
91	HOn800		9.18mm	1:87.	Narrow gauge - 800mm
92	Hoe	Europe	9mm	1:87.	Narrow gauge - 750-785mm
93	HOn2 1/2	USA	9mm	1:87.	Narrow gauge - 2'6"
94	Hon2	USA	9/32"	1:87.	Narrow gauge - 2ft
95	HOn600		6.88mm	1:87.	Narrow gauge - 600mm
96	HOz	Europe	6.5mm	1:87.	Narrow gauge - 600mm
97	E	USA	19/32"	1/8":1ft, 1:96	
98	QO	USA	6/10"	1/8":1ft, 1:96	
99	OOC	Europe	14.3mm	1:100.	"Cent" attempt to establish a logical scale
100	TT	USA	12mm	1/10":1ft	H P Products - "TableTop"
101	TT	Europe	12mm	1:120.	
102	TT "120th"	NZ	9mm	1/10":1ft, 1:120	NZR - 3'6" gauge
103	TT3	Britain	12mm	3mm:1ft, 1:101.6	Tri-ang 1950's-60's
104	TTX	Britain	12mm	1/9":1ft, 1:108	Attempts to improve, not supported
105	TM	Britain	13.5mm	3mm:1ft, 1:101.6	Scale/gauge ratio
106	Scale 3	Britain	14.2mm	3mm:1ft, 1:101.6	3mm Society supports TT3 and Scale 3, components also used by residual TM users
107	QOO	USA	0.3"	1/16":1ft, 1:192	
108	HH(O)	USA	5/16"	1.75mm:1ft, 1:174	NMRA standard - c1948
109	OOO	Britain	9.5mm	2mm:1ft, 1:152.4	Superseded by 2mm scale
110	2mm scale	Britain	9.42mm	2mm:1ft, 1:152.4	Current 2mm Association
111	OOO	Britain	9mm	2mm:1ft	Lone Star Treble O - 1950's, superseded by N
112	MiniTrix	Europe	9mm	1:150.	1950's push along trains

Les différentes échelles
The different scales

113		Europe	9mm	1:200.	Arnold 1960
114	K	Europe	8mm	1:180.	Forerunner of N
115	N	Europe	9mm	1:160.	NEM standard - mid 1960's
116	N	USA	9mm	1:160.	NMRA standard
117	N	Britain	9mm	2 1/16mm:1ft, 1:148	Commercial scale used by GRAFAR and PECO, cannot really be called a British standard
118	N-NZR	NZ	6.5mm	1:160.	NZR - 3'6" gauge
119	Nm	Europe	6.5mm	1:160.	Swiss metre gauge
120	Nn3	USA	6.5mm	1:160.	USA - 3ft gauge
121	TTT	USA	0.236"	1/20":1ft, 1:240	NMRA proposed standard
122	Z	Europe	6.5mm	1:220.	Maerklin
123	HZ	Germany	3.25mm	1:440.	Railex - 1992
124	(X)	British	3/16"	1mm:1ft	R Walkley - 1935
125	Un-named	British	1/8"	1:480.	1970's