

The following conversion chart is a quick reference for changing scales.									
To convert from one scale to another, look up the scale you are at across the top and read down until the row is the scale you want.									
This is your multiplier. For example, to convert measurements taken from an S scale drawing to N scale, look across the top row for S and down to the N row to get 0.400.									
Multiply the S dimension by 0.4 to get the N scale measure.									
Read the chart as: FROM [top row] TO [left column]									
	G (1:24)	1:35	O (1:48)	S (1:64)	1:72	HO (1:87.1)	N (1:160)	Z (1:220)	
G (1:24)	1	1.458	2	2.667	3	3.629	6.667	9.167	
1:35	0.686	1	1.371	1.829	2.057	2.489	4.571	6.286	
O (1:48)	0.5	0.729	1	1.333	1.5	1.815	3.333	4.583	
S (1:64)	0.375	0.547	0.75	1	1.125	1.361	2.5	3.438	
1:72	0.333	0.486	0.667	0.889	1	1.210	2.222	3.056	
HO (87.1)	0.276	0.402	0.551	0.735	0.827	1	1.837	2.526	
N (1:160)	0.150	0.219	0.3	0.4	0.45	0.544	1	1.375	
Z (1:220)	0.109	0.159	0.218	0.291	0.327	0.396	0.727	1	