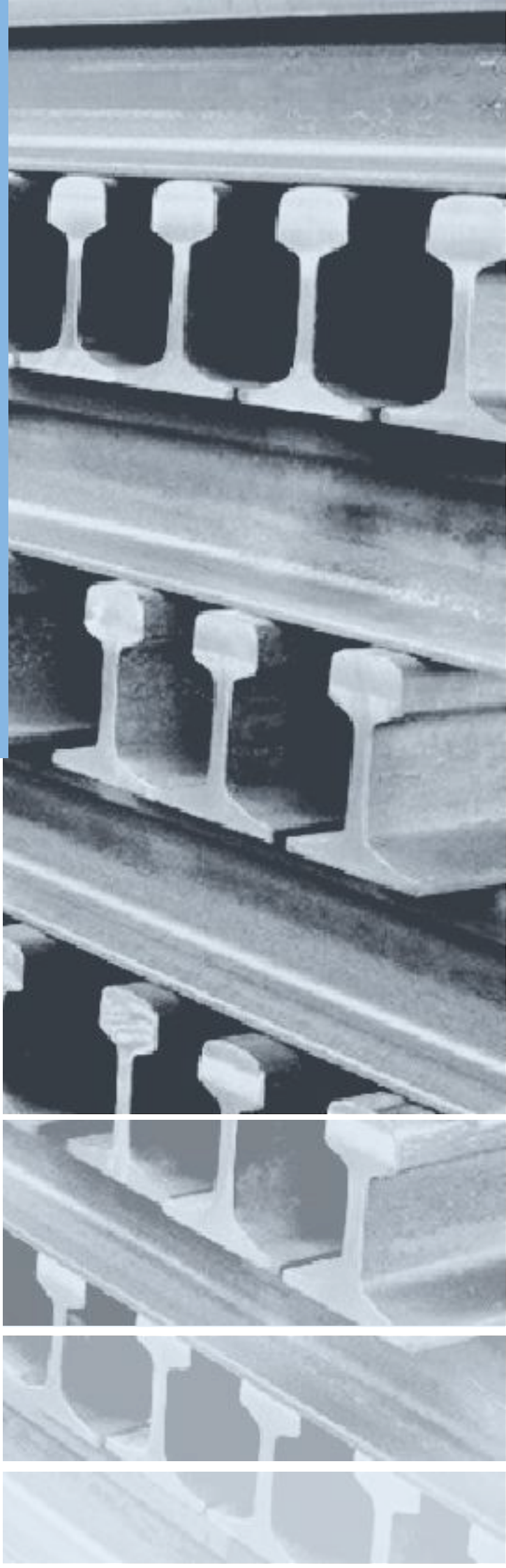
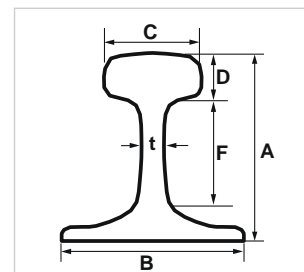


STEEL RAILS



Rails

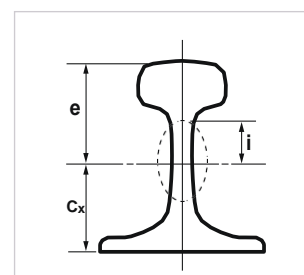
Dimensions and Properties



Standard Section Rails

Dimensions

Rail Section	Weight		Rail Height		Base Width		Head Width		Head Height		Web Thickness		Web Height	
	kg/m	kg/ft	A		B		C		D		t		F	
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6 kg	5.98	1.823	50.50	2.000	50.80	2.000	25.40	1.000	14.29	0.563	4.76	0.188	27.78	1.094
9 kg	8.94	2.725	63.50	2.500	63.50	2.500	32.10	1.264	17.48	0.688	5.90	0.232	35.72	1.406
10 kg	10.08	3.072	66.67	2.625	66.67	2.625	34.13	1.344	18.26	0.719	6.35	0.250	37.30	1.469
12 kg	12.17	3.709	69.85	2.750	69.85	2.750	38.10	1.500	19.85	0.781	7.54	0.297	37.70	1.484
15 kg	15.17	4.624	79.37	3.129	79.37	3.129	42.86	1.687	22.22	0.875	8.33	0.328	43.65	1.719
22 kg	22.30	6.794	93.66	3.687	93.66	3.687	50.80	2.000	26.69	1.051	10.72	0.422	50.00	1.969
30 kg	30.10	9.169	107.95	4.250	107.95	4.250	60.33	2.375	30.95	1.219	12.30	0.484	57.55	2.266
37 kg	37.20	11.325	122.24	4.813	122.24	4.813	62.71	2.469	36.12	1.422	13.49	0.531	64.69	2.547
40 kg	39.90	12.148	127.00	5.000	127.00	5.000	63.50	2.500	38.10	1.500	13.89	0.547	66.68	2.625



Properties

Rail Section	Weight		Section Area		Centre Of Gravity		Moment Of Inertia	Radius Of Gyration	Modulus Of Section
	kg/m	kg/ft	cm ²	in ²	Cx in	e in	I in ⁴	i in	S in ³
6 kg	5.98	1.823	7.6	1.178	0.958	1.042	0.744	0.795	0.715
9 kg	8.94	2.725	11.4	1.767	1.215	1.285	1.499	0.917	1.167
10 kg	10.08	3.072	12.6	1.953	1.266	1.361	1.613	0.904	1.185
12 kg	12.17	3.709	15.8	2.449	1.340	1.410	2.374	0.989	1.683
15 kg	15.17	4.624	19.3	2.991	1.532	1.593	3.750	1.114	2.355
22 kg	22.30	6.794	28.4	4.402	1.780	1.909	8.144	1.358	4.247
30 kg	30.10	9.169	38.3	5.936	2.051	2.201	14.558	1.567	6.590
37 kg	37.20	11.325	47.3	7.331	2.299	2.512	22.870	1.768	9.092
40 kg	39.90	12.148	50.7	7.859	2.382	2.618	26.426	1.835	10.068

