

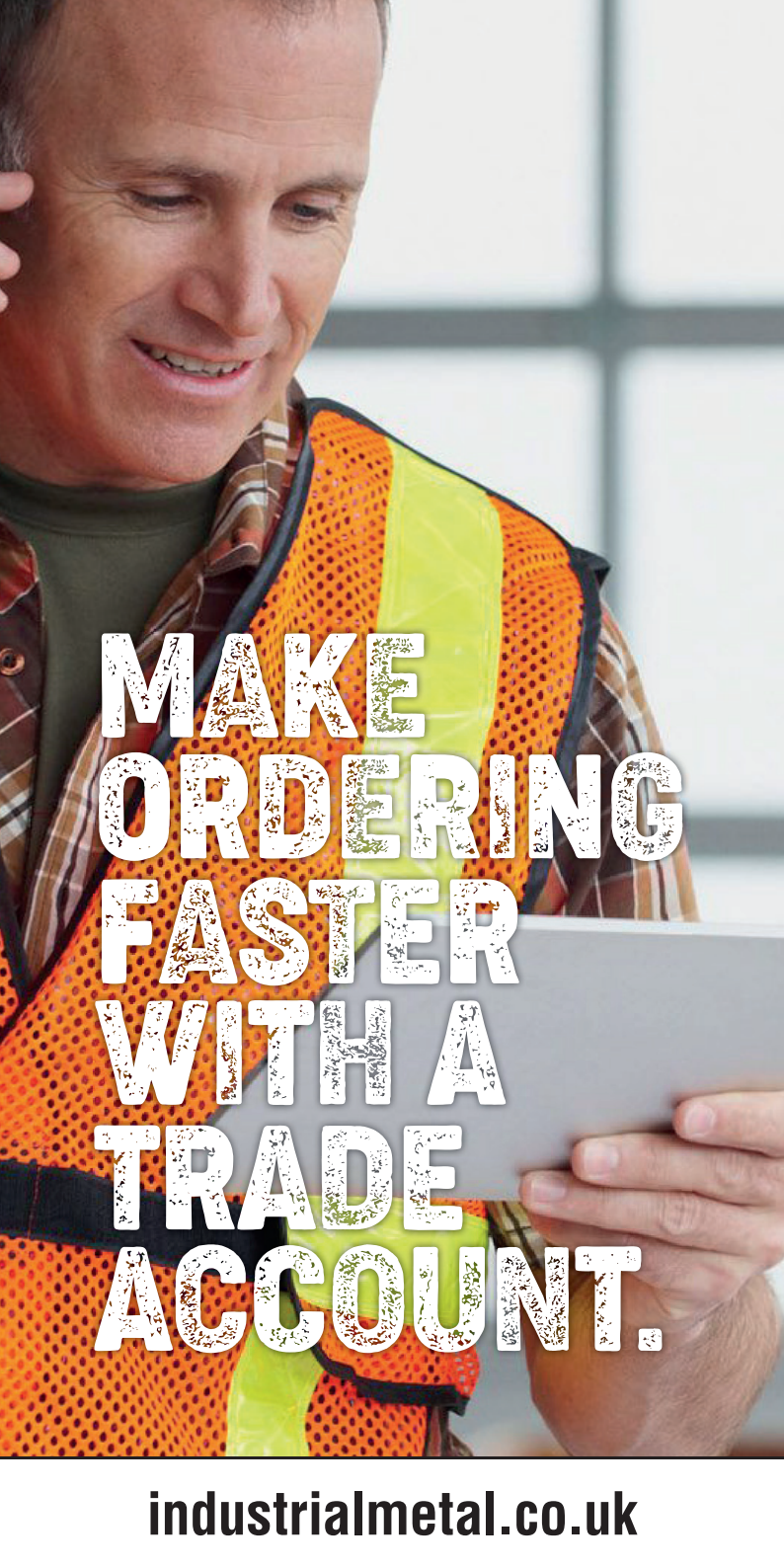


STEEL PRODUCT GUIDE

UNIVERSAL BEAMS
UNIVERSAL COLUMNS
CHANNELS
ANGLES
ROUNDS & SQUARES
FLATS
PLATES
SHEETS
HOLLOW SECTIONS
ERW TUBES
HANDRAIL TUBES
BRIGHTS

**HUGE
PRODUCT
RANGE**

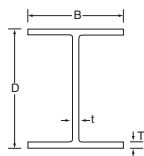
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A close-up photograph of a middle-aged man with a slight smile, looking down at a tablet computer he is holding with his left hand. He is wearing a brown and white plaid shirt under a bright orange and yellow high-visibility safety vest. The background is a blurred indoor setting with large windows.

**MAKE
ORDERING
FASTER
WITH A
TRADE
ACCOUNT.**

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UNIVERSAL BEAMS

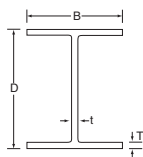


Certified to British & European Standards

Designation	Mass per metre	Depth of Section D	Width of Section B	Thickness	
				Web t	Flange T
	kg/m	mm	mm	mm	mm
127 x 76 x 13	13.0	127.0	76.0	4.0	7.6
152 x 89 x 16	16.0	152.4	88.7	4.5	7.7
178 x 102 x 19	19.0	177.8	101.2	4.8	7.9
203 x 102 x 23	23.1	203.2	101.8	5.4	9.3
203 x 133 x 25	25.1	203.2	133.2	5.7	7.8
203 x 133 x 30	30.0	206.8	133.9	6.4	9.6
254 x 102 x 22	22.0	254.0	101.6	5.7	6.8
254 x 102 x 25	25.2	257.2	101.9	6.0	8.4
254 x 102 x 28	28.3	260.4	102.2	6.3	10.0
254 x 146 x 31	31.1	251.4	146.1	6.0	8.6
254 x 146 x 37	37.0	256.0	146.4	6.3	10.9
254 x 146 x 43	43.0	259.6	147.3	7.2	12.7
305 x 102 x 25	24.8	305.1	101.6	5.8	7.0
305 x 102 x 28	28.2	308.7	101.8	6.0	8.8
305 x 102 x 33	32.8	312.7	102.4	6.6	10.8
305 x 127 x 37	37.0	304.4	123.3	7.1	10.7
305 x 127 x 42	41.9	307.2	124.3	8.0	12.1
305 x 127 x 48	48.1	311.0	125.3	9.0	14.0
305 x 165 x 40	40.3	303.4	165.0	6.0	10.2
305 x 165 x 46	46.1	306.6	165.7	6.7	11.8
305 x 165 x 54	54.0	310.4	166.9	7.9	13.7
356 x 127 x 33	33.1	349.0	125.4	6.0	8.5
356 x 127 x 39	39.1	353.4	126.0	6.6	10.7
356 x 171 x 45	45.0	351.4	171.1	7.0	9.7
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9

Available in Standard Mill Lengths or cut to individual requirements.

UNIVERSAL BEAMS

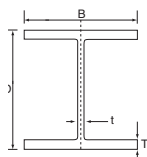


Certified to British & European Standards

Designation	Mass per metre	Depth of Section D	Width of Section B	Thickness	
				Web t	Flange T
	kg/m	mm	mm	mm	mm
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6
533 x 210 x 82	82.2	528.3	208.8	9.6	13.2
533 x 210 x 92	92.1	533.1	209.3	10.1	15.6
533 x 210 x 101	101.0	536.7	210.0	10.8	17.4
533 x 210 x 109	109.0	539.5	210.8	11.6	18.8
533 x 210 x 122	122.0	544.5	211.9	12.7	21.3
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1
610 x 305 x 149	149.1	612.4	304.8	11.8	19.7
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7
762 x 267 x 134	133.9	750.0	264.4	12.0	15.5
762 x 267 x 147	146.9	754.0	265.2	12.8	17.5
762 x 267 x 173	173.0	762.2	266.7	14.3	21.6
762 x 267 x 197	196.8	769.8	268.0	15.6	25.4
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8
914 x 305 x 201	200.9	903.0	303.3	15.1	20.2
914 x 305 x 224	224.2	910.4	304.1	15.9	23.9
914 x 305 x 253	253.4	918.4	305.5	17.3	27.9
914 x 305 x 289	289.1	926.6	307.7	19.5	32.0
914 x 419 x 343	343.3	911.8	418.5	19.4	32.0
914 x 419 x 388	388.0	921.0	420.5	21.4	36.6

Available in Standard Mill Lengths or cut to individual requirements.

UNIVERSAL COLUMNS

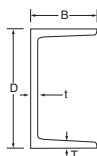


Certified to British & European Standards

Designation	Mass per metre	Depth of Section D	Width of Section B	Thickness	
				Web t	Flange T
	kg/m	mm	mm	mm	mm
152 x 152 x 23	23.0	152.4	152.2	5.8	6.8
152 x 152 x 30	30.0	157.6	152.9	6.5	9.4
152 x 152 x 37	37.0	161.8	154.4	8.0	11.5
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3
254 x 254 x 107	107.1	266.7	258.8	12.8	20.5
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8
356 x 368 x 202	201.9	374.6	374.7	16.5	27.0
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0

Available in Standard Mill Lengths or cut to individual requirements.

TAPERED FLANGE CHANNELS

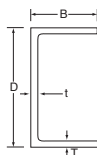


Certified to British & European Standards

Designation	Mass per metre	Depth of Section D	Width of Section B	Thickness	
				Web t	Flange T
	kg/m	mm	mm	mm	mm
51 x 25 x 3.84	3.84	50.8	25.4	4.8	4.8
51 x 38 x 5.81	5.81	50.8	38.1	6.4	6.4
76 x 38 x 7	6.7	76.2	38.1	5.1	6.8

Available in Standard Mill Lengths or cut to individual requirements.

PARALLEL FLANGE CHANNELS



Certified to British & European Standards

Designation	Mass per metre	Depth of Section D	Width of Section B	Thickness	
				Web t	Flange T
	kg/m	mm	mm	mm	mm
100 x 50 x 10	10.2	100	50	5.0	8.5
125 x 65 x 15	14.8	125	65	5.5	9.5
150 x 75 x 18	17.9	150	75	5.5	10.0
150 x 90 x 24	23.9	150	90	6.5	12.0
180 x 75 x 20	20.3	180	75	6.0	10.5
180 x 90 x 26	26.1	180	90	6.5	12.5
200 x 75 x 23	23.4	200	75	6.0	12.5
200 x 90 x 30	29.7	200	90	7.0	14.0
230 x 75 x 26	25.7	230	75	6.5	12.5
230 x 90 x 32	32.2	230	90	7.5	14.0
260 x 75 x 28	27.6	260	75	7.0	12.0
260 x 90 x 35	34.8	260	90	8.0	14.0
300 x 90 x 41	41.4	300	90	9.0	15.5
300 x 100 x 46	45.5	300	100	9.0	16.5
380 x 100 x 54	54.0	380	100	9.5	17.5
430 x 100 x 64	64.4	430	100	11.0	19.0

Available in Standard Mill Lengths or cut to individual requirements.

EQUAL ANGLES

Certified to British & European Standards

Size	Kg/m	Metres per tonne
13 x 13 x 3	0.58	1725
20 x 20 x 3	0.88	1137
25 x 25 x 3	1.11	901
25 x 25 x 4	1.45	690
25 x 25 x 5	1.77	565
30 x 30 x 3	1.36	736
30 x 30 x 4	1.78	562
30 x 30 x 5	2.18	459
40 x 40 x 3	1.76	569
40 x 40 x 4	2.42	414
40 x 40 x 5	2.97	337
40 x 40 x 6	3.52	285
45 x 45 x 3	2.00	500
45 x 45 x 4	2.74	365
45 x 45 x 5	3.38	296
45 x 45 x 6	4.00	250
50 x 50 x 3	2.24	447
50 x 50 x 5	3.77	266
50 x 50 x 6	4.47	224
50 x 50 x 8	5.82	172
60 x 60 x 5	4.57	219
60 x 60 x 6	5.42	185
60 x 60 x 8	7.09	142
60 x 60 x 10	8.69	116
70 x 70 x 6	6.38	157
70 x 70 x 8	8.36	120
70 x 70 x 10	10.30	98
75 x 75 x 6	6.86	146
75 x 75 x 8	9.03	111
75 x 75 x 10	11.07	91

Lengths available from 6.000 metres.

EQUAL ANGLES

Certified to British & European Standards

Size	Kg/m	Metres per tonne
80 x 80 x 6	7.34	137
80 x 80 x 8	9.63	104
80 x 80 x 10	11.90	85
80 x 80 x 12	14.20	71
90 x 90 x 6	8.30	121
90 x 90 x 8	10.90	92
90 x 90 x 10	13.40	75
90 x 90 x 12	15.90	63
100 x 100 x 8	12.20	82
100 x 100 x 10	15.00	67
100 x 100 x 12	17.80	57
100 x 100 x 15	21.90	46
120 x 120 x 8	14.70	69
120 x 120 x 10	18.20	55
120 x 120 x 12	21.60	47
120 x 120 x 15	26.60	38
150 x 150 x 10	23.00	44
150 x 150 x 12	27.30	37
150 x 150 x 15	33.80	30
150 x 150 x 18	40.10	25
200 x 200 x 16	48.50	21
200 x 200 x 18	54.20	19
200 x 200 x 20	59.90	17
200 x 200 x 24	71.10	15

Lengths available from 6.000 metres.

UNEQUAL ANGLES

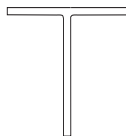


Certified to British & European Standards

Size	Kg/m	Metres per tonne
40 x 25 x 4	1.91	524
50 x 40 x 5	3.50	286
50 x 40 x 6	4.33	231
60 x 30 x 5	3.37	297
60 x 30 x 6	3.99	251
60 x 40 x 6	4.46	224
65 x 50 x 5	4.35	230
65 x 50 x 6	5.16	194
65 x 50 x 8	6.75	149
75 x 50 x 6	5.65	177
75 x 50 x 8	7.39	136
75 x 50 x 10	9.27	108
80 x 60 x 6	6.37	157
80 x 60 x 8	8.34	120
100 x 50 x 6	6.85	146
100 x 50 x 8	8.99	111
100 x 65 x 7	8.77	115
100 x 65 x 8	9.94	101
100 x 65 x 10	12.30	82
100 x 75 x 8	10.60	95
100 x 75 x 10	13.00	77
100 x 75 x 12	15.40	65
125 x 75 x 8	12.20	82
125 x 75 x 10	15.00	67
125 x 75 x 12	17.80	57
150 x 75 x 10	17.00	59
150 x 75 x 12	20.20	50
150 x 75 x 15	24.80	41
150 x 90 x 10	18.20	55
150 x 90 x 12	21.60	47
150 x 90 x 15	26.60	38
200 x 100 x 10	23.00	44
200 x 100 x 12	27.30	37
200 x 100 x 15	33.70	30
200 x 150 x 12	32.00	32
200 x 150 x 15	39.60	26
200 x 150 x 18	47.10	22

Lengths available from 6.000 metres.

R.S. TEES



Certified to British & European Standards

Size Designation	Kg/m	Metres per tonne
40 x 40 x 5	2.96	388
40 x 40 x 6	3.49	287
50 x 50 x 6	4.44	226

Structural Tees available, cut from Beams / Columns

Lengths available from 6.000 metres.

ROUNDS



Certified to British & European Standards

Size mm	Kg/m	Size mm	Kg/m
6	0.222	110	74.600
8	0.395	115	81.500
10	0.617	120	88.000
12	0.888	125	96.300
16	1.580	130	104.000
20	2.470	135	112.000
22	2.980	140	121.000
25	3.850	145	130.000
28.5	5.010	150	139.000
30	5.550	155	148.000
32	6.310	160	158.000
40	9.860	170	178.000
45	12.500	180	200.000
50	15.400	200	247.000
60	22.200	210	272.000
65	26.000	220	298.000
70	30.200	230	326.000
75	34.700	240	356.000
80	39.500	250	385.000
90	49.900	260	417.000
95	55.600	270	448.000
100	61.700	280	483.000
105	68.000	300	555.000

Lengths available from 6.000 metres.

SQUARES

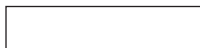


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Size mm	Kg/m	Size mm	Kg/m
10	0.790	50	19.620
12	1.130	60	28.300
16	2.010	65	33.160
20	3.140	70	38.500
25	4.910	80	50.200
30	7.070	90	63.600
35	9.620	100	78.600
40	12.600	125	122.700
45	15.900	150	177.000

Lengths available from 6.000 metres.

FLATS



Certified to British & European Standards

Size	Kg/m	Size	Kg/m
10 x 3*	0.236	35 x 6	1.650
12 x 3*	0.260	35 x 10	2.750
12 x 5*	0.470	40 x 3*	0.942
12 x 6*	0.520	40 x 5	1.570
16 x 3*	0.377	40 x 6	1.880
16 x 5*	0.630	40 x 8	2.510
16 x 6*	0.750	40 x 10	3.140
20 x 3*	0.471	40 x 12	3.770
20 x 5	0.785	40 x 15	4.710
20 x 6	0.942	40 x 20	6.280
20 x 8	1.260	40 x 25	7.850
20 x 10	1.570	40 x 30	9.420
20 x 12	1.880	45 x 5	1.770
25 x 3*	0.589	45 x 6	2.120
25 x 5	0.981	45 x 8	2.830
25 x 6	1.180	45 x 10	3.530
25 x 8	1.570	45 x 12	4.240
25 x 10	1.960	45 x 15	5.300
25 x 12	2.360	45 x 20	7.070
25 x 15	2.944	45 x 25	8.830
25 x 20	3.920	45 x 30	10.600
30 x 3*	0.707	50 x 3*	1.180
30 x 5	1.180	50 x 5	1.960
30 x 6	1.410	50 x 6	2.360
30 x 8	1.884	50 x 8	3.140
30 x 10	2.360	50 x 10	3.930
30 x 12	2.830	50 x 12	4.710
30 x 15	3.530	50 x 15	5.890
30 x 20	4.710	50 x 20	7.850
30 x 25	5.890	50 x 25	9.810
35 x 5	1.370	50 x 30	11.780

Lengths available from 6.000 metres.

* denotes from 4.000 metres.

FLATS



Certified to British & European Standards

Size	Kg/m	Size	Kg/m
50 x 40	15.700	70 x 30	16.500
60 x 3*	1.410	70 x 40	21.980
60 x 5	2.360	70 x 50	27.480
60 x 6	2.830	75 x 3*	1.770
60 x 8	3.770	75 x 5	2.970
60 x 10	4.710	75 x 6	3.530
60 x 12	5.650	75 x 8	4.710
60 x 15	7.070	75 x 10	5.890
60 x 20	9.420	75 x 12	7.070
60 x 25	11.800	75 x 15	8.830
60 x 30	14.130	75 x 20	11.800
60 x 40	18.840	75 x 25	14.700
60 x 50	23.600	75 x 30	17.700
65 x 6	3.060	75 x 40	23.600
65 x 8	4.082	75 x 50	29.400
65 x 10	5.100	80 x 3*	1.880
65 x 12	6.120	80 x 5	3.140
65 x 15	7.650	80 x 6	3.770
65 x 20	10.210	80 x 8	5.020
65 x 25	12.760	80 x 10	6.280
65 x 30	15.310	80 x 12	7.540
65 x 40	20.410	80 x 15	9.420
65 x 50	25.520	80 x 20	12.600
70 x 5	2.760	80 x 25	15.700
70 x 6	3.300	80 x 30	18.840
70 x 8	4.400	80 x 40	25.120
70 x 10	5.500	80 x 50	31.400
70 x 12	6.590	90 x 5	3.530
70 x 15	8.240	90 x 6	4.240
70 x 20	11.000	90 x 8	5.650
70 x 25	13.740	90 x 10	7.070

Lengths available from 6.000 metres.

* denotes from 4.000 metres.

FLATS



Certified to British & European Standards

Size	Kg/m	Size	Kg/m
90 x 12	8.480	130 x 25	25.510
90 x 15	10.600	130 x 30	30.620
90 x 20	14.130	130 x 40	40.800
90 x 25	17.700	130 x 50	51.030
90 x 30	21.200	150 x 3*	3.540
90 x 40	28.260	150 x 5	5.890
90 x 50	35.330	150 x 6	7.070
100 x 3*	2.360	150 x 8	9.420
100 x 5	3.930	150 x 10	11.800
100 x 6	4.710	150 x 12	14.130
100 x 8	6.280	150 x 15	17.700
100 x 10	7.850	150 x 20	23.600
100 x 12	9.420	150 x 25	29.440
100 x 15	11.800	150 x 30	35.400
100 x 20	15.700	150 x 40	47.100
100 x 25	19.630	150 x 50	58.900
100 x 30	23.600	160 x 6	7.540
100 x 40	31.400	160 x 8	10.060
100 x 50	39.300	160 x 10	12.560
120 x 6	5.650	160 x 12	15.070
120 x 10	9.420	160 x 15	18.800
120 x 12	11.300	160 x 20	25.120
120 x 20	18.840	180 x 6	8.480
120 x 25	23.550	180 x 8	11.304
130 x 5	5.100	180 x 10	14.130
130 x 6	6.120	180 x 12	17.000
130 x 8	8.164	180 x 15	21.200
130 x 10	10.210	180 x 20	28.300
130 x 12	12.250	180 x 25	35.330
130 x 15	15.310	180 x 30	42.390
130 x 20	20.410	180 x 40	56.520

Lengths available from 6.000 metres.

* denotes from 4.000 metres.

FLATS

Certified to British & European Standards

Size	Kg/m	Size	Kg/m
180 x 50	70.600	300 x 15	35.330
200 x 6	9.420	300 x 20	47.100
200 x 8	12.600	300 x 25	58.880
200 x 10	15.700	300 x 30	70.650
200 x 12	18.840	300 x 40	94.200
200 x 15	23.600	300 x 50	117.750
200 x 20	31.400	350 x 10	27.480
200 x 25	39.300	350 x 12	33.000
200 x 30	47.100	350 x 15	41.210
200 x 40	62.800	350 x 20	54.950
200 x 50	78.500	350 x 25	68.690
220 x 6	10.360	350 x 30	82.430
220 x 8	13.820	350 x 40	109.900
220 x 10	17.300	400 x 10	31.400
220 x 12	20.720	400 x 12	37.680
220 x 15	25.910	400 x 15	47.100
220 x 20	34.540	400 x 20	62.800
220 x 25	43.200	400 x 25	78.500
250 x 6	11.800	400 x 30	94.200
250 x 8	15.700	400 x 40	125.600
250 x 10	19.600	450 x 12	42.390
250 x 12	23.600	450 x 20	70.650
250 x 15	29.440	450 x 25	88.310
250 x 20	39.250		
250 x 25	49.100		
250 x 30	58.880		
250 x 40	78.500		
250 x 50	98.130		
300 x 6	14.130		
300 x 10	23.600		
300 x 12	28.300		

Lengths available from 6.000 metres.

PLATES

Certified to British & European Standards

Thickness mm	Standard Size	Kg/m ²
3	2000 x 1000 2500 x 1250 3000 x 1500 3050 x 1525 4000 x 2000	23.55
4	2000 x 1000 2500 x 1250 3000 x 1500 3050 x 1525 4000 x 2000	31.40
5	2000 x 1000 2500 x 1250 3000 x 1500 3050 x 1525 4000 x 2000	39.25
6	2000 x 1000 2500 x 1250 3000 x 1500 3050 x 1525 4000 x 2000 6000 x 2000 5000 x 2500 8000 x 2500	47.10
8	2000 x 1000 2500 x 1250 3000 x 1500 3050 x 1525 4000 x 2000 6000 x 2000 5000 x 2500 8000 x 2500 6000 x 3000 10000 x 3000	62.80

All material up to and including 4000 x 2000 x 12.5 sold on weighed weight basis.

PLATES

Certified to British & European Standards

Thickness mm	Standard Size	Kg/m ²
10	2000 x 1000	78.50
	2500 x 1250	
	3000 x 1500	
	3050 x 1525	
	4000 x 2000	
	6000 x 2000	
	5000 x 2500	
	8000 x 2500	
	6000 x 3000	
	10000 x 3000	
12.5	2000 x 1000	98.12
	2500 x 1250	
	3000 x 1500	
	3050 x 1525	
	4000 x 2000	
	6000 x 2000	
	5000 x 2500	
	8000 x 2500	
	6000 x 3000	
	10000 x 3000	
15	2000 x 1000	117.80
	2500 x 1250	
	3000 x 1500	
	4000 x 2000	
	6000 x 2000	
	5000 x 2500	
	8000 x 2500	
	6000 x 3000	
	10000 x 3000	

All material up to and including 4000 x 2000 x 12.5 sold on weighed weight basis.

PLATES

Certified to British & European Standards

Thickness mm	Standard Size	Kg/m ²
20	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000 6000 × 2000 5000 × 2500 8000 × 2500 6000 × 3000 10000 × 3000	157.00
25	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000 6000 × 2000 5000 × 2500 8000 × 2500 6000 × 3000 10000 × 3000	196.25
30	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000 5000 × 2500	235.50
32	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000 5000 × 2500	251.20
35	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000 5000 × 2500	274.75

PLATES

Certified to British & European Standards

Thickness mm	Standard Size	Kg/m ²
40	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000 5000 x 2500	314.00
45	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000 5000 x 2500	353.25
50	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000 5000 x 2500	392.50
60	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000	471.00
65	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000	510.25
70	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 2000	549.50

PLATES

Certified to British & European Standards

Thickness mm	Standard Size	Kg/m ²
80	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	628.00
90	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	706.50
100	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	785.00
120	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	942.00
130	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	1020.50
150	2000 × 1000 2500 × 1250 3000 × 1500 4000 × 2000	1177.50

FLOOR PLATES

Certified to British & European Standards

Thickness mm O/P	Size mm	Kg/m ²
3.0	2500 x 1250	29.19
4.5	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 1750 4000 x 1830	37.97
6.0	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 1750 4000 x 1830 6000 x 1830	49.74
8.0	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 1750 4000 x 1830	65.44
10.0	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 1750 4000 x 1830	81.14
12.5	2000 x 1000 2500 x 1250 3000 x 1500 4000 x 1750	100.77

NB. Thickness is measured on the plain of the plate.
All above material sold on weighed weight basis.

HOT ROLLED SHEETS

Thickness mm	Size mm	Kg/m ²
1.6	2000 × 1000 2500 × 1250 3000 × 1500	12.56
2.0	2000 × 1000 2500 × 1250 3000 × 1500	15.70
2.5	2000 × 1000 2500 × 1250 3000 × 1500	19.63

COLD REDUCED SHEETS

0.8	2000 × 1000 2500 × 1250	6.28
1.0	2000 × 1000 2500 × 1250	7.85
1.2	2000 × 1000 2500 × 1250	9.42
1.6	2000 × 1000 2500 × 1250 3000 × 1500	12.56
2.0	2000 × 1000 2500 × 1250 3000 × 1500	15.70
3.0	2500 × 1250	23.55

GALVANISED SHEETS

0.8	2000 × 1000 2500 × 1250	6.28
1.0	2000 × 1000 2500 × 1250	7.85
1.2	2000 × 1000 2500 × 1250	9.42
1.6	2000 × 1000 2500 × 1250	12.56

All above sold on weighed weight basis.

STRUCTURAL HOLLOW SECTIONS - SQUARE



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
20 x 20 x 2.0	1.12	893
x 2.5	1.35	741
25 x 25 x 2.0	1.43	699
x 2.5	1.74	575
x 3.0	2.04	490
x 3.2	2.15	465
30 x 30 x 2.5	2.14	467
x 3.0	2.51	398
x 3.2	2.65	378
40 x 40 x 2.5	2.92	342
x 3.0	3.45	290
x 3.2	3.66	274
x 4.0	4.46	225
x 5.0	5.40	185
50 x 50 x 2.5	3.71	270
x 3.0	4.39	228
x 3.2	4.66	215
x 4.0	5.72	175
x 5.0	6.97	144
x 6.3	8.49	118
60 x 60 x 3.0	5.34	187
x 3.2	5.67	177
x 4.0	6.97	144
x 5.0	8.54	118
x 6.3	10.50	95.5
x 8.0	12.80	78.1
70 x 70 x 3.0	6.28	159
x 3.6	7.46	135
x 5.0	10.10	99.1
x 6.3	12.50	80.4
x 8.0	15.30	65.3

STRUCTURAL HOLLOW SECTIONS - SQUARE



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
80 x 80 x 3.0	7.22	139
x 3.6	8.59	117
x 5.0	11.70	85.5
x 6.3	14.40	69.5
x 8.0	17.80	56.1
90 x 90 x 3.6	9.72	103
x 5.0	13.30	75.2
x 6.3	16.40	61
x 8.0	20.40	49.2
100 x 100 x 4.0	12.0	83.4
x 5.0	14.8	67.6
x 6.3	18.4	54.4
x 8.0	22.9	43.7
x 10.0	27.9	35.9
120 x 120 x 5.0	18.0	55.6
x 6.3	22.3	44.9
x 8.0	27.9	25.9
x 10.0	34.2	29.3
x 12.5	41.6	24.1
140 x 140 x 5.0	21.1	47.4
x 6.3	26.3	38.0
x 8.0	32.9	30.4
x 10.0	40.4	24.3
x 12.5	49.5	20.2
150 x 150 x 5.0	22.7	44.1
x 6.3	28.3	35.4
x 8.0	35.4	28.3
x 10.0	43.6	23.0
x 12.5	53.4	18.8

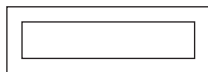
STRUCTURAL HOLLOW SECTIONS - SQUARE



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
180 x 180 x 6.3	34.2	29.3
x 8.0	43.0	23.3
x 10.0	53.0	18.9
x 12.5	65.2	15.4
x 16.0	81.4	12.3
200 x 200 x 6.3	38.2	26.2
x 8.0	48.0	20.9
x 10.0	59.3	16.9
x 12.5	73.0	13.7
x 16.0	91.5	11.0
250 x 250 x 6.3	48.1	20.8
x 8.0	60.5	16.6
x 10.0	75.0	13.4
x 12.5	92.6	10.8
x 16.0	117.0	8.55
300 x 300 x 10.0	90.7	11.1
x 12.5	112.0	8.93
x 16.0	142.0	7.05
350 x 350 x 10.0	106.0	9.44
x 12.5	132.0	7.58
x 16.0	167.0	5.99
400 x 400 x 10.0	122.0	8.20
x 12.5	152.0	6.58
x 16.0	192.0	5.21

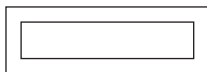
STRUCTURAL HOLLOW SECTIONS - RECTANGULAR



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
50 x 25 x 2.5	2.72	368
x 3.0	3.22	311
x 3.2	3.41	293
50 x 30 x 2.5	2.92	342
x 3.0	3.45	290
x 3.2	3.66	274
x 4.0	4.46	225
x 5.0	5.40	186
60 x 40 x 2.5	3.71	270
x 3.0	4.39	228
x 3.2	4.66	215
x 4.0	5.72	175
x 5.0	6.97	144
x 6.3	8.49	118
76.2 x 50.8 x 3.2	6.02	166
x 4.0	7.41	135
x 4.9	8.93	112
x 6.3	11.20	89
80 x 40 x 3.0	5.34	187
x 3.2	5.67	177
x 4.0	6.97	144
x 5.0	8.54	118
x 6.3	10.50	95.5
x 8.0	12.80	78.1
90 x 50 x 3.0	6.28	159
x 3.6	7.46	135
x 5.0	10.10	99.1
x 6.3	12.50	80.4
x 8.0	15.30	65.3

STRUCTURAL HOLLOW SECTIONS - RECTANGULAR



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
100 x 50 x 3.0	6.75	148
x 3.2	7.18	140
x 4.0	8.86	113
x 5.0	10.90	91.8
x 6.3	13.40	74.7
x 8.0	16.60	60.3
100 x 60 x 3.0	7.22	139
x 3.6	8.59	117
x 5.0	11.70	85.5
x 6.3	14.40	69.5
x 8.0	17.80	56.1
120 x 60 x 3.6	9.72	103
x 5.0	13.30	75.2
x 6.3	16.40	61.0
x 8.0	20.40	49.2
120 x 80 x 5.0	14.80	67.6
x 6.3	18.40	54.4
x 8.0	22.90	43.7
x 10.0	27.90	35.9
150 x 100 x 5.0	18.70	53.7
x 6.3	23.30	43.0
x 8.0	29.10	34.4
x 10.0	35.70	28.1
x 12.5	43.60	23.0
160 x 80 x 5.0	18.00	55.6
x 6.3	22.30	44.9
x 8.0	27.90	35.9
x 10.0	34.20	29.3
x 12.5	41.60	24.1

STRUCTURAL HOLLOW SECTIONS - RECTANGULAR



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
200 x 100 x 5.0	22.70	44.1
x 6.3	28.30	35.4
x 8.0	35.40	28.3
x 10.0	43.60	23.0
x 12.5	53.40	18.8
250 x 150 x 6.3	38.20	26.2
x 8.0	48.00	20.9
x 10.0	59.30	16.9
x 12.5	73.00	13.7
x 16.0	91.50	11.0
300 x 200 x 6.3	48.10	20.8
x 8.0	60.50	16.6
x 10.0	75.00	13.4
x 12.5	92.60	10.8
x 16.0	117.00	8.55
400 x 200 x 10.0	90.70	11.1
x 12.5	112.00	8.93
x 16.0	142.00	7.05
450 x 250 x 10.0	106.00	9.44
x 12.5	132.00	7.58
x 16.0	167.00	5.99

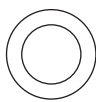
STRUCTURAL HOLLOW SECTIONS - CIRCULAR



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
21.3 x 3.2	1.43	700
26.9 x 3.2	1.87	535
33.7 x 2.6	1.99	503
x 3.2	2.41	415
x 4.0	2.93	342
42.4 x 2.6	2.55	393
x 3.2	3.09	324
x 4.0	3.79	264
48.3 x 3.2	3.56	281
x 4.0	4.37	229
x 5.0	5.34	188
60.3 x 3.2	4.51	222
x 4.0	5.55	181
x 5.0	6.82	147
76.1 x 3.2	5.75	174
x 4.0	7.11	141
x 5.0	8.77	115
88.9 x 3.2	6.76	148
x 4.0	8.38	120
x 5.0	10.30	97.1
114.3 x 3.6	9.83	102
x 5.0	13.50	74.1
x 6.3	16.80	59.6
139.7 x 5.0	16.60	60.3
x 6.3	20.70	48.4
x 8.0	26.00	38.5
x 10.0	32.00	31.3
168.3 x 5.0	20.10	49.8
x 6.3	25.20	39.7
x 8.0	31.60	31.7
x 10.0	39.00	25.7

STRUCTURAL HOLLOW SECTIONS - CIRCULAR



Certified to British & European Standards

Size mm	Kg/m	Metres/Tonne
193.7 x 5.0	23.30	42.9
x 6.3	29.10	34.4
x 8.0	36.60	27.3
x 10.0	45.30	22.1
x 12.5	55.90	17.9

ELECTRIC RESISTANCE WELDED TUBES

Size	Kg/m
1/2" x 1/2" x 16g	0.531
3/4" x 3/4" x 18g	0.663
3/4" x 3/4" x 16g	0.856
1" x 1" x 18g	0.906
1" x 1" x 16g	1.181
1 1/4" x 1 1/4" x 16g	1.506
1 1/2" x 1 1/2" x 16g	1.831
2" x 1" x 16g	1.812
5/8" o.d. x 16g	0.573
3/4" o.d. x 16g	0.700
1" o.d. x 16g	0.956
1 1/4" o.d. x 16g	1.211
1 1/2" o.d. x 16g	1.466

Available in 6.100 metre lengths.

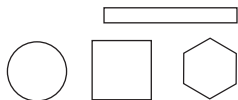
BS 1387 STEEL TUBES - BLACK

Nominal Bore		Plain or Screwed Ends			Screwed & Socketed		
in	mm	Brown Light kg/m	Blue Medium kg/m	Red Heavy kg/m	Brown Light kg/m	Blue Medium kg/m	Red Heavy kg/m
0.125	6	0.360	0.406	0.494	0.364	0.410	0.497
0.25	8	0.517	0.650	0.770	0.520	0.653	0.773
0.375	10	0.674	0.853	1.020	0.680	0.860	1.027
0.5	15	0.953	1.223	1.454	0.960	1.233	1.463
0.75	20	1.403	1.577	1.890	1.420	1.593	1.903
1	25	2.010	2.441	2.977	2.024	2.457	2.990
1.25	32	2.574	3.141	3.841	2.603	3.170	3.870
1.5	40	3.260	3.617	4.434	3.303	3.661	4.481
2	50	4.107	5.090	6.160	4.180	5.164	6.238
2.5	65	5.804	6.517	7.904	5.924	6.637	8.021
3	80	6.818	8.467	10.061	6.980	8.631	10.224
4	100	9.881	12.114	14.451	10.181	12.411	14.748
5	125	-	16.221	17.858	-	16.668	18.305
6	150	-	19.198	21.282	-	19.796	21.875

BS 1387 STEEL TUBES - GALVANISED

Nominal Bore		Plain or Screwed Ends			Screwed & Socketed		
in	mm	Brown Light kg/m	Blue Medium kg/m	Red Heavy kg/m	Brown Light kg/m	Blue Medium kg/m	Red Heavy kg/m
0.125	6	0.383	0.430	0.513	0.387	0.430	0.517
0.25	8	0.547	0.680	0.797	0.554	0.687	0.804
0.375	10	0.711	0.893	1.060	0.723	0.900	1.067
0.5	15	1.004	1.273	1.504	1.013	1.283	1.514
0.75	20	1.473	1.644	1.954	1.486	1.660	1.970
1	25	2.093	2.524	3.057	2.110	2.540	3.074
1.25	32	2.680	3.247	3.943	2.714	3.277	3.974
1.5	40	3.380	3.737	4.557	3.427	3.784	4.601
2	50	4.260	5.244	6.314	4.338	5.320	6.391
2.5	65	6.001	6.714	8.098	6.124	6.839	8.221
3	80	7.047	8.697	10.287	7.217	8.864	10.454
4	100	10.181	12.414	14.748	10.488	12.718	15.052
5	125	-	16.588	18.225	-	17.045	18.682
6	150	-	19.632	21.719	-	20.242	22.326

BRIGHT STEEL



Certified to British & European Standards

Specifications: BS 970

En3B 080A15
070M20

En1A 220M07

En8 080M40

En16T 605M36

En19T 709M40

En24T 817M40

Rounds - 3mm to 180mm

- 1/8" to 10"

Squares - 6mm to 90mm

- 1/8" to 6"

Flats - 10mm x 3mm to

- 200mm x 6mm

1/2" x 1/8" to 12" x 2"

Hexagons - 6mm A/F to 70mm A/F

- 0.192" A/F to 3.150" A/F

Cutting service available

“EXPAMET” EXPANDED METAL SHEETS

Ref. No.	Description
2489F	Flat Mesh
2073F	Flat Mesh
2074F	Flat Mesh
2077F	Flat Mesh
1584F	Flat Mesh
1280F	Flat Mesh
2089	Raised Mesh
3396	Raised Mesh
4896	Walkway Mesh
2496	Walkway Mesh
1194TGC	Grain Dryer Mesh

All sizes stocked in 2440 x 1220 size.

Sizes not listed available on short lead times.

OPEN MESH FLOOR PANELS

Designation Long. Bars Pitch		Mat Size	Kgs. per Mat
25 x 3	41-100	6000 x 1000	104.75
25 x 5	41-100	6000 x 1000	168.12
30 x 3	41-100	6000 x 1000	124.15
30 x 5	41-100	6000 x 1000	199.80
25 x 5	31-100	6000 x 1000	225.66

Flooring Panels, Self Colour or Galvanised.

Fixing Clips to suit all panels available ex stock.

Handrail Systems and Stair Treads available on short lead times.

REINFORCEMENT FABRIC

BS Ref.	Kg/m ²	Weight per Sheet Kg
A98	1.54	18
A142	2.22	26
A193	3.02	35
A252	3.95	46
A393	6.16	71

Standard Sheet Size 4.8 x 2.4 metres,

Also available for prompt delivery in following additional sizes, details on application -

BS Ref. 'B' STRUCTURAL FABRIC

'C' LONG MESH FABRIC

'D' WRAPPING FABRIC

SELF COLOUR WELDMESH

Specification	Sheet Size
1" x 1" x 12 SWG.	8'0" x 4'0"
2" x 2" x 10 SWG.	8'0" x 4'0"
3" x 1/2" x 10 SWG.	8'0" x 4'0"

Other sizes available on short lead times. Details on request.

GAUGE TABLE

Gauge SWG	Gauge in	Gauge mm
8	0.160	4.09
9	0.144	3.64
10	0.128	3.25
11	0.116	2.93
12	0.104	2.641
13	0.092	2.324
14	0.080	2.043
15	0.072	1.82
16	0.064	1.626
17	0.056	1.43
18	0.048	1.214
19	0.040	1.021
20	0.036	0.910
21	0.032	0.813
22	0.028	0.707
23	0.024	0.607
24	0.022	0.560
25	0.020	0.511
26	0.018	0.460
27	0.0164	0.420
28	0.0148	0.374
29	0.0136	0.345
30	0.0124	0.315

CONVERSION TABLE

To Convert	Multiply By
Length	
Inches to Centimetres	2.54
Centimetres to Inches	0.3937
Feet to Metres	0.3048
Metres to Feet	3.2808
Miles to Kilometres	1.6093
Kilometres to Miles	0.6213
Area	
Sq Inches to Sq Centimetres	6.5416
Sq Centimetres to Sq Inches	0.155
Sq Feet to Sq Metres	0.0929
Sq Metres to Sq Feet	10.7639
Sq Miles to Sq Kilometres	2.5899
Sq Kilometres to Sq Miles	0.3861
Acres to Hectares	0.4046
Hectares to Acres	2.471
Volume	
Cu Inches to Cu Centimetres	16.387
Cu Centimetres to Cu Inches	0.06102
Cu Feet to Cu Metres	0.02831
Cu Metres to Cu Feet	35.3147
Capacity	
Gallons to Litres	4.5460
Litres to Gallons	0.2199
Weight	
Ounces to Grams	28.3495
Grams to Ounces	0.03527
Pounds to Grams	453.29
Grams to Pounds	0.002204
Pounds to Kilograms	0.45359
Kilograms to Pounds	2.2046
Tons to Kilograms	1016.0469
Kilograms to Tons	0.000984

All weights and conversions in this publication have been offered as a guide only. IMS accepts no responsibility for their use.



Our products are CE
marked where applicable.



GET IN TOUCH FOR A FAST COMPETITIVE QUOTE...

Our dedicated technical support team are experienced in working with the construction and engineering industry providing you with a fast and friendly customer service.

SHOEBURYNESSE

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