

### FLATS

mm	Kg/M
10 x 3	.242
13 x 3	.314
x 5	.523
x 6	.627
16 x 3	.386
x 5	.644
x 8	1.030
20 x 3	.483
x 5	.805
x 6	.966
x 10	1.609
25 x 3	.604
x 5	1.006
x 6	1.207
x 8	1.609
x 10	2.012
x 12	2.419
32 x 3	.773
x 5	1.287
x 6	1.545
x 8	2.060
x 10	2.575
40 x 3	.966
x 5	1.609
x 6	1.931
x 8	2.575
x 10	3.219
x 12	3.862
x 16	5.150
x 20	6.437
50 x 3	1.207
x 5	2.012
x 6	2.414
x 8	3.219
x 10	4.023
x 12	4.828
x 16	6.437
x 20	8.046
x 25	10.058
55 x 6	2.656
65 x 3	1.569
x 5	2.615
x 6	3.139
x 8	4.184
x 10	5.231
x 12	6.276
x 16	8.368
x 20	10.460
x 25	13.075
75 x 5	3.018
x 6	3.621
x 8	4.828
x 10	6.035
x 12	7.242
x 16	9.656
x 20	12.069
x 25	15.087
x 40	24.139
90 x 6	4.345
x 8	5.793
x 10	7.242
x 12	8.690
100 x 5	4.023
x 6	4.828
x 8	6.437
x 10	8.046
x 12	9.656
x 16	12.874
x 20	16.093
x 25	20.116
x 50	40.231
110 x 5	4.426
x 6	5.311
x 8	7.081
x 10	8.851
x 12	10.621
130 x 5	5.231
x 6	6.276
x 8	8.368
x 10	10.460
x 12	12.552
x 16	16.736
x 20	20.920
x 25	26.151
150 x 5	6.035
x 6	7.242
x 8	9.656
x 10	12.069
x 12	14.483
x 16	19.311
x 20	24.139
x 25	30.174
x 50	60.347
180 x 6	8.690
x 10	14.483
x 12	17.380
x 20	28.967
200 x 6	9.656
x 8	12.874
x 10	16.093
x 12	19.311
x 16	25.748
x 20	32.185
x 25	40.231
250 x 6	12.069
x 10	20.116
x 12	24.139
x 16	32.185
x 20	40.231
x 25	50.290
300 x 6	14.483
x 10	24.139
x 12	28.967
x 16	38.622
x 20	48.278
x 25	60.347

### SQUARES

mm	Kg/M
10	.805
12	1.158
16	2.060
20	3.219
25	5.029
40	12.874

### BILLETS

mm	Kg/M
45 x 45	15.7
50 x 50	19.3
63 x 63	30.7
75 x 75	43.5
90 x 90	62.7
121 x 121	113
127 x 127	125
158 x 158	193

### ROUNDS

mm	Kg/M
5	.158
6.3	.251
8	.405
10	.632
12	.910
14	1.238
16	1.617
18	2.047
20	2.528
22	3.059
24	3.640
27	4.606
30	5.688
33	6.882
36	8.190
39	9.611
42	11.147
45	12.796
48	14.559
50	15.798
56	19.816
60	22.749
65	26.698
70	30.964
75	35.545
80	40.442
90	51.185
100	63.191
110	76.462
120	90.995
130	106.794
140	123.855
150	142.181

### TAPER FLANGE BEAMS

mm	Kg/M
100 x 45	7.20
125 x 65	13.10

### ANGLES EQUAL

mm	Kg/M
20 x 20 x 3	0.98
25 x 25 x 3	1.12
x 5	1.65
x 6	2.08
30 x 30 x 3	1.35
x 5	2.01
x 6	2.56
40 x 40 x 3	1.83
x 5	2.73
x 6	3.50
45 x 45 x 3	2.06
x 5	3.10
x 6	3.97
50 x 50 x 3	2.31
x 5	3.48
x 6	4.46
x 8	5.68
55 x 55 x 5	3.84
x 6	4.93
65 x 65 x 5	4.56
x 6	5.87
x 8	7.51
x 10	9.02
75 x 75 x 5	5.27
x 6	6.81
x 8	8.73
x 10	10.50
90 x 90 x 6	8.22
x 8	10.60
x 10	12.70
100 x 100 x 6	9.16
x 8	11.80
x 10	14.20
x 12	17.70
125 x 125 x 8	14.90
x 10	18.00
x 12	22.50
x 16	29.10
150 x 150 x 10	21.90
x 12	27.30
x 16	35.40
x 19	42.10
200 x 200 x 13	40.00
x 16	48.70
x 18	54.40
x 20	60.10
x 26	76.80

### ANGLES UNEQUAL

mm	Kg/M
65 x 50 x 5	4.02
x 6	5.16
x 8	6.59
75 x 50 x 5	4.40
x 6	5.66
x 8	7.23
100 x 75 x 6	7.98
x 8	10.30
x 10	12.40
125 x 75 x 6	9.16
x 8	11.80
x 10	14.20
x 12	17.70
150 x 90 x 8	14.30
x 10	17.30
x 12	21.60
x 16	27.90
150 x 100 x 10	18.00
x 12	22.50

### RAILS

mm	Kg/M
10 kg	10.10
15 kg	15.20
22 kg	22.30
30 kg	30.10
41 kg	40.70
50 kg	50.80
53 kg	53.00
68 kg	67.56
73 kg	73.63
86 kg	85.53

### SHEET & COIL

- Galvanised
- Uni Zinc
- Perm Zinc
- Hot Rolled
- Cold Rolled
- Aluminised

### FLOOR PLATES

mm	Kg/M <sup>2</sup>
2.1	18.48
3	25.55
4	33.40
5	41.25
6	49.10
8	64.80
10	80.50
12	96.20

### PLATES/WEARPLATES

HITEN 780  
EVERHARD 360  
EHSP  
GR250 / 350

mm	Kg/M <sup>2</sup>
3	23.55
4	31.40
5	39.25
6	47.10
8	62.80
10	78.50
12	94.20
16	125.60
20	157.00
25	196.25
28	219.80
32	251.20
36	282.60
40	314.00
45	353.25
50	392.50
55	431.75
60	471.00
65	510.25
70	549.50
80	628.00
90	706.50
100	785.00
110	863.50
120	942.00
140	1099.00
150	1177.50
160	1256.00
180	1413.00
200	1570.00
225	1766.25
250	1962.50

### UNIVERSAL COLUMNS

mm	Kg/M
100 UC	14.8
150 UC	23.4
	30.0
	37.2
200 UC	46.2
	52.2
	59.5
250 UC	72.9
	89.5
310 UC	96.8
	118.0
	137.0
	158.0

### GALVANISED • PAINTED • BLACK PIPE

mm N/B	OD	Type	W/T	Mass based plain ends		
				L/B	Black kg/M	Gal kg/M
15	21.3	M	2.6	217	1.21	1.25
		H	3.2	217	1.44	1.48
		XH	3.6	217	1.57	
20	26.9	XL	2.0	127	1.23	1.28
		L	2.3	127	1.40	1.44
		M	2.6	127	1.56	1.62
		H	3.2	127	1.87	1.93
		XH	4.0	127	2.26	
25	33.7	XL	2.0	91	1.56	1.62
		L	2.6	91	1.99	2.05
		M	3.2	91	2.41	2.49
		H	4.0	91	2.94	3.02
		XH	4.5	91	3.24	
32	42.4	XL	2.0	61	1.99	2.07
		L	2.6	61	2.55	2.63
		M	3.2	61	3.10	3.20
		H	4.0	61	3.80	3.90
		XH	4.9	61	4.53	
40	48.3	XL	2.3	61	2.61	2.70
		L	2.9	61	3.25	3.33
		M	3.2	61	3.57	3.68
		H	4.0	61	4.38	4.49
		XH	5.4	61	5.71	
50	60.3	XL	2.3	37	3.29	3.40
		L	2.9	37	4.11	4.21
		M	3.6	37	5.03	5.18
		H	4.5	37	6.19	6.33
		XH	5.4	37	7.31	
65	76.1	XL	2.3	37	4.19	4.33
		L	3.2	37	5.75	5.89
		M	3.6	37	6.43	6.61
		H	4.5	37	7.93	8.12
		XH	5.9	37	10.20	
80	88.9	XL	2.6	19	5.53	5.70
		L	3.2	19	6.76	6.93
		M	4.0	19	8.37	8.58
		H	5.0	19	10.30	10.50
		XH	5.9	19	12.10	
90	101.6	XL	2.6	19	6.35	6.53
		L	3.2	19	7.77	7.95
		M	4.0	19	9.63	9.88
		H	5.0	19	11.90	12.20
100	114.3	XL	3.2	19	8.77	8.98
		L	3.6	19	9.83	10.04
		M	4.5	19	12.20	12.40
		H	5.4	19	14.50	14.80
125	139.7	XL	3.0	13	10.11	10.37
		L	3.5	13	11.76	12.01
		M	5.0	13	16.60	16.90
		H	5.4	13	17.90	18.20
150	165.1	XL	3.0	10	11.99	12.30
		L	3.5	10	13.95	14.25
		M	5.0	10	19.70	20.10
		H	5.4	10	21.30	21.70

### WELDED SECTIONS

Complete Range

mm	Kg/M	mm	Kg/M
700 WB x 115	1200	WB x 423	
700 WB x 130	1200	WB x 455	
700 WB x 150	350	WC x 197	
700 WB x 173	350	WC x 230	
800 WB x 122	350	WC x 258	
800 WB x 146	350	WC x 280	
800 WB x 168	400	WC x 144	
800 WB x 192	400	WC x 181	
900 WB x 175	400	WC x 212	
900 WB x 218	400	WC x 270	
900 WB x 257	400	WC x 303	
900 WB x 282	400	WC x 328	
1000 WB x 215	400	WC x 361	
1000 WB x 258	500	WC x 228	
1000 WB x 296	500	WC x 267	
1000 WB x 322	500	WC x 290	
1200 WB x 249	500	WC x 340	
1200 WB x 278	500	WC x 383	
1200 WB x 317	500	WC x 414	
1200 WB x 342	500	WC x 440	
1200 WB x 392			

### CONVERSION

#### IMPERIAL TO METRIC

LENGTH	multiply by
Inch to mm	25.4001
Inch to cm	2.54
Foot to metre	.3048</