

ROLLED HOLLOW SECTION - PAINTED SQUARE

ROLLED HOLLOW SECTION - GALVANIZED SQUARE

Size mm	Wall mm	Length m	Mass kg/m
13 x 13	1.6	6.5	0.505
16 x 16	1.6	6.5	0.605
20 x 20	1.6	6.5	0.873
	2	6.5	1.05
25 x 25	1.6	6.5	1.12
	2	6.5	1.36
	2.5	6.5	1.64
	3	6.5	1.89
30 x 30	1.6	8	1.38
	2	8	1.68
	2.5	8	2.03
	3	8	2.36
35 x 35	1.6	8	1.63
	2	8	1.99
	2.5	8	2.42
	3	8	2.83
40 x 40	1.6	8	1.88
	2	8	2.31
	2.5	8	2.82
	3	8	3.3
	4	8	4.09
50 x 50	1.6	8	2.38
	2	8	2.93
	2.5	8	3.6
	3	8	4.25
	4	8	5.35
	5	8	6.39
65 x 65	1.6	8	3.13
	2	8	3.88
	2.5	8	4.78
	3	8	5.66
	4	8	7.23
	5	8	8.75
	6	8	10.1

Size mm	Wall mm	Length m	Mass kg/m
75 x 75	2	8	4.5
	2.5	8	5.56
	3	8	6.6
	4	8	8.49
	5	8	10.3
	6	8	12
89 x 89	2	8	5.38
	3.5	8	9.07
	5	8	12.5
	6	8	14.7
100 x 100	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2
	6	8	16.7
	9	8	23.5
125 x 125	4	8	14.8
	5	8	18.2
	6	8	21.4
	9	8	30.6
150 x 150	5	8	22.1
	6	8	26.2
	9	8	37.7
200 x 200	5	8	29.9
	6	8	35.6
	9	8	51.8
250 x 250	6	8	45
	9	8	65.9
300 x 300	6	8	54.7
	9	8	80.6
400 x 400	9	12	108.9
	12	12	143.3

Size mm	Wall mm	Length m	Mass kg/m
20 x 20	1.6	6.5	0.873
25 x 25	1.6	6.5	1.12
	2	6.5	1.36
	2.5	6.5	1.64
	3	6.5	1.89
30 x 30	1.6	8	1.38
	2	8	1.68
	2.5	8	2.03
	3	8	2.36
35 x 35	1.6	8	1.63
	2	8	1.99
	2.5	8	2.42
	3	8	2.83
40 x 40	1.6	8	1.88
	2	8	2.31
	2.5	8	2.82
	3	8	3.3
	4	8	4.09
50 x 50	1.6	8	2.38
	2	8	2.93
	2.5	8	3.6
	3	8	4.25
	4	8	5.35
	5	8	6.39
65 x 65	1.6	8	3.13
	2	8	3.88
	2.5	8	4.78
	3	8	5.66
	4	8	7.23
75 x 75	2	8	4.5
	2.5	8	5.56
	3	8	6.6
	4	8	8.49
	5	8	10.3
89 x 89	2	8	5.38
	3.5	8	9.07
	5	8	12.5
100 x 100	2	8	6.05
	3	8	8.96
	4	8	11.6
	5	8	14.2
	6	8	16.7
125 x 125	4	8	14.8
	5	8	18.2

ROLLED HOLLOW SECTION - PAINTED RECTANGLE

Size mm	Wall mm	Length m	Mass kg/m
50 x 20	1.6	8	1.63
	2	8	1.99
	2.5	8	2.42
	3	8	2.83
50 x 25	1.6	8	1.75
	2	8	2.15
	2.5	8	2.62
	3	8	3.07
65 x 35	2	8	2.93
	2.5	8	3.6
	3	8	4.25
	4	8	5.35
75 x 25	1.6	8	2.38
	2	8	2.93
	2.5	8	3.6
75 x 50	1.6	8	3.01
	2	8	3.72
	2.5	8	4.58
	3	8	5.42
	4	8	6.92
	5	8	8.35
	6	8	9.67
76 x 38	2.5	8	4.16
	3	8	4.9
	4	8	6.23
100 x 50	2	8	4.5
	2.5	8	5.56
	3	8	6.6
	4	8	8.49
	5	8	10.3
	6	8	12
102 x 76	3.5	8	9.07
	5	8	12.5
	6	8	14.7

Size mm	Wall mm	Length m	Mass kg/m
125 x 75	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2
	6	8	16.7
127 x 51	3.5	8	9.07
	5	8	12.5
	6	8	14.7
150 x 50	2	8	6.07
	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2
150 x 100	4	8	14.8
	5	8	18.2
	6	8	21.4
	9	8	30.6
152 x 76	5	8	16.4
	6	8	19.4
200 x 100	4	8	17.9
	5	8	22.1
	6	8	26.2
	9	8	37.7
250 x 150	5	8	29.9
	6	8	35.6
	9	8	51.8

ROLLED HOLLOW SECTION - PAINTED RECTANGLE

Size mm	Wall mm	Length m	Mass kg/m
38 x 25	1.6	8	1.5
50 x 20	1.6	8	1.63
	2	8	1.99
	2.5	8	2.42
	3	8	2.83
50 x 25	1.6	8	1.75
	2	8	2.15
	2.5	8	2.62
	3	8	3.07
65 x 35	2	8	2.93
	2.5	8	3.6
	3	8	4.25
	4	8	5.35
75 x 25	1.6	8	2.38
	2	8	2.93
	2.5	8	3.6
75 x 50	1.6	8	3.01
	2	8	3.72
	2.5	8	4.58
	3	8	5.42
	4	8	6.92
	5	8	8.35
	6	8	9.67
100 x 50	2	8	4.5
	2.5	8	5.56
	3	8	6.6
	4	8	8.49
	5	8	10.3
	6	8	12
125 x 75	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2
	6	8	16.7
150 x 50	2	8	6.07
	2.5	8	7.53
	3	8	8.96
	4	8	11.6
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Size mm	Wall mm	Length m	Mass kg/m
38 x 25	1.6	8	1.5
50 x 20	1.6	8	1.63
	2	8	1.99
	2.5	8	2.42
	3	8	2.83
50 x 25	1.6	8	1.75
	2	8	2.15
	2.5	8	2.62
	3	8	3.07
65 x 35	2	8	2.93
	2.5	8	3.6
	3	8	4.25
	4	8	5.35
75 x 25	1.6	8	2.38
	2	8	2.93
	2.5	8	3.6
75 x 50	1.6	8	3.01
	2	8	3.72
	2.5	8	4.58
	3	8	5.42
	4	8	6.92
	5	8	8.35
	6	8	9.67
100 x 50	2	8	4.5
	2.5	8	5.56
	3	8	6.6
	4	8	8.49
	5	8	10.3
	6	8	12
125 x 75	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2
	6	8	16.7
150 x 50	2	8	6.07
	2.5	8	7.53
	3	8	8.96
	4	8	11.6
	5	8	14.2

PIPE - MEDIUM & HEAVY

Size (NB)	Outside mm	Wall mm	Type	Black kg/m	Galv kg/m
10	17.2	2.3	MED	0.839	
15	21.3	2.6	MED	1.2	1.22
20	26.9	2.6	MED	1.56	1.6
		3.2	HVY	1.87	
25	33.7	3.2	MED	2.41	2.46
		4	HVY	2.93	2.99
32	42.4	3.2	MED	3.09	3.17
		4	HVY	3.79	3.86
40	48.3	3.2	MED	3.56	3.64
		4	HVY	4.37	4.45
50	60.3	3.6	MED	5.03	5.14
		4.5	HVY	6.19	6.3
65	76.1	3.6	MED	6.44	6.57
		4.5	HVY	7.95	
80	88.9	4	MED	8.38	8.54
		4.9	HVY	10.3	
90	101.6	4	MED	9.63	9.81
		4.9	HVY	11.9	
100	114.3	4.5	MED	12.2	12.4
		5.4	HVY	14.5	
125	139.7	4.9	MED	16.6	16.9
		5.4	HVY	17.9	
150	165.1	4.9	MED	19.7	20
		5.4	HVY	21.3	

PIPE - EXTRA LIGHT & LIGHT

Size (NB)	Outside mm	Wall mm	Type	Black kg/m	Galv kg/m
20	26.9	2	XL		1.28
		2.3	L	1.4	1.44
25	33.7	2	XL		1.62
		2.6	L	1.99	2.05
32	42.2	2	XL		2.07
		2.6	L	2.55	2.63
40	48.3	2.3	XL		2.7
		2.9	L	3.25	3.33
50	60.3	2.3	XL		3.4
		2.9	L	4.11	4.21
65	76.1	3.2	L	5.75	5.89
80	88.9	3.2	L	6.76	6.93
90	101.6	3.2	L	7.77	
100	101.6	3.6	L	9.83	

ANGLE - EQUAL

Size mm	Thickness mm	Length m	Mass kg/m
20 x 20	3	6	0.87
25 x 25	3	6	1.12
	5	6	1.65
	6	7.5	2.08
30 x 30	3	6	1.35
	5	7.5	2.01
	6	7.5	2.56
40 x 40	3	6	1.83
	5	6	2.73
	6	7.5	3.5
45 x 45	3	6	2.06
	5	7.5	3.1
	6	7.5	3.97
50 x 50	3	6	2.31
	5	6	3.48
	6	6	4.46
	8	9	5.68
55 x 55	5	7.5	3.84
	6	7.5	4.93
65 x 65	5	9	4.56
	6	9	5.87
	8	9	7.51
	10	9	9.02
75 x 75	5	9	5.27
	6	9	6.81
	8	9	8.73
	10	9	10.5
90 x 90	6	9	8.22
	8	9	10.6
	10	9	12.7
100 x 100	6	9	9.16
	8	9	11.8
	10	9	14.2
	12	9	17.7
125 x 125	8	12	14.9
	10	12	18
	12	12	22.5
	16	12	29.1
150 x 150	10	12	21.9
	12	12	27.3
	16	12	35.4
	19	12	42.1
200 x 200	13	12	40
	16	12	48.7
	20	12	60.1
	26	12	76.8

ANGLE - UNEQUAL

Size mm	Thickness mm	Length m	Mass kg/m
65 x 50	5	9	4.02
	6	9	5.16
	8	9	6.59
75 x 50	5	9	4.36
	6	9	5.62
	8	9	7.19
100 x 75	6	9	7.98
	8	9	10.3
	10	9	12.4
125 x 75	6	9	9.16
	8	9	11.8
	10	9	14.2
	12	9	17.7
150 x 90	8	9	14.3
	10	9	17.3
	12	12	21.6
	16	12	27.9
150 x 100	10	12	18
	12	12	22.5

FLAT

Size mm	Thickness mm	Length m	Mass kg/m
10	3	4	0.22
13	3	4	0.291
	5	4	0.468
	6	4	0.552
16	3	4	0.362
	5	4	0.586
	6	4	0.75
20	3	6	0.483
	5	6	0.805
	6	6	0.966
25	10	6	1.61
	3	6	0.604
	5	6	1.006
	6	6	1.21
32	8	6	1.61
	10	6	2.01
	12	6	2.42
	3	6	0.772
	5	6	1.287
	6	6	1.545
40	8	6	2.06
	10	6	2.575
	12	6	3.09
	3	6	0.966
	5	6	1.61
	6	6	1.931
50	8	6	2.573
	10	6	3.219
	12	6	3.865
	16	6	5.15
	20	6	6.437
	3	4	1.21
50	5	6	2.012
	6	6	2.419
	8	6	3.219
	10	6	4.029
	12	6	4.828
	16	6	6.437
50	20	6	8.047

Size mm	Thickness mm	Length m	Mass kg/m
50	25	6	10.058
65	3	4	1.57
	5	6	2.615
	6	6	3.138
75	8	6	4.184
	10	6	5.23
	12	6	6.286
	16	6	8.368
75	20	6	10.46
	3	4	1.81
	5	6	3.017
90	6	6	3.62
	8	6	4.828
	10	6	6.038
	12	6	7.247
	16	6	9.656
	20	6	12.096
90	25	6	15.086
	40	6	24.139
	6	6	4.346
	8	6	5.792
	10	6	7.247
	12	6	8.692
100	3	4	2.417
	5	6	4.028
	6	6	4.828
	8	6	6.437
	10	6	8.047
	12	6	9.656
100	16	6	12.916
	20	6	16.093
	25	6	20.116
	50	6	40.231
	5	6	5.23
	6	6	6.276
130	8	6	8.364
	10	6	10.456
	12	6	12.505
	16	6	16.708

Size mm	Thickness mm	Length m	Mass kg/m
150	20	6	20.91
	25	6	26.138
	3	4	3.623
150	5	6	6.038
	6	6	7.247
	8	6	9.656
	10	6	12.096
180	12	6	14.483
	16	6	19.311
	20	6	24.19
	25	6	30.174
	50	6	60.347
	6	6	8.692
180	10	6	14.483
	12	6	17.426
	20	6	29.008
	25	6	36.208
200	6	6	9.656
	8	6	12.874
200	10	6	16.093
	12	6	19.311
	16	6	25.748
	20	6	32.183
250	25	6	40.233
	6	6	12.096
	8	6	19.092
	10	6	20.116
	12	6	24.19
	16	6	32.185
250	20	6	40.283
	25	6	50.328
	6	6	14.483
	8	6	19.311
300	10	6	24.19
	12	6	29.008
	16	6	38.623
	20	6	48.279
	25	6	60.349

ROUND SOLID

Size mm	Length m	Mass kg/m
4	4	
5	4	
6.3	4	0.251
8	4	0.405
10	6	0.632
12	6	0.91
14	6	1.241
16	6	1.62
20	6	2.522
22	6	3.055
24	6	3.639
27	6	4.607
30	6	5.689
33	6	6.822
36	6	8.19
39	6	9.615
42	6	11.173
45	6	12.813
48	6	14.555
50	6	15.785
56	6	19.783
60	6	22.755
65	6	26.65
75	6	35.568
80	6	40.488
90	6	51.148
100	6	63.243

SQUARE SOLID

Size mm	Length m	Mass kg/m
10	6	0.805
12	6	1.159
16	6	2.061
20	6	3.219
25	6	5.033
40	6	12.915
45	6	15.9
50	6	19.6

CHANNEL - PARALLEL FLANGE

Size mm	Length m	Mass kg/m	Flange mm	Web mm
75 x 40	9	5.92	6.1	3.8
100 x 50	9	8.33	6.7	4.2
125 x 65	9	11.9	7.5	4.7
150 x 75	9	17.7	9.5	6
180 x 75	9	20.9	11	6
200 x 75	9	22.9	12	6
230 x 75	9	25.1	12	6.5
250 x 90	9	35.5	15	8
300 x 90	9	40.1	16	8
380 x 100	9	55.2	17.5	10

ROLLED STEEL JOIST - TAPER FLANGE

Size mm	Length m	Mass kg/m	Flange mm	Web mm
100 x 45	14.5	7.2	6	4
125 x 65	12	13.1	8.5	5

UNIVERSAL BEAM (UB) - PARALLEL FLANGE

Size mm	Mass kg/m	Depth mm	Width mm	Flange mm	Web mm
150 UB	14	150	75	7	5
	18	155	75	9.5	6
180 UB	16.1	173	90	7	4.5
	18.1	175	90	8	5
	22.2	179	90	10	6
200 UB	18.2	198	99	7	4.5
	22.2	202	133	7	5
	25.4	203	133	7.8	5.8
	29.8	207	134	9.6	6.3
250 UB	25.7	248	124	8	5
	31.4	252	146	8.6	6.1
	37.3	256	146	10.9	6.4
310 UB	32	298	149	8	5.5
	40.4	304	165	10.2	6.1
	46.2	307	166	11.8	6.7
360 UB	44.7	352	171	9.7	6.9
	50.7	356	171	11.5	7.3
	56.7	359	172	13	8
410 UB	53.7	403	178	10.9	7.6
	59.7	406	178	12.8	7.8
460 UB	67.1	454	190	12.7	8.5
	74.6	457	190	14.5	9.1
	82.1	460	191	16	9.9
530 UB	82	528	209	13.2	9.6
	92.4	533	209	15.6	10.2
610 UB	101	602	228	14.8	10.6
	113	607	228	17.3	11.2
	125	612	229	19.6	11.9

UNIVERSAL COLUMN (UC) - PARALLEL FLANGE

Size mm	Mass kg/m	Depth mm	Width mm	Flange mm	Web mm
100 UC	14.8	97	99	7	5
150 UC	23.4	152	152	6.8	6.1
	30	158	153	9.4	6.6
200 UC	37.2	162	154	11.5	8.1
	46.2	203	203	11	7.3
250 UC	52.2	206	204	12.5	8
	59.5	210	205	14.2	9.3
	72.9	254	254	14.2	8.6
310 UC	89.5	260	256	17.3	10.5
	96.8	308	305	15.4	9.9
	118	315	307	18.7	11.9
	137	321	309	21.7	13.8
	158	327	311	25	15.7

GALVANIZED SLEEPER SECTION - UNI COLUMN "H"

Size mm	Mass kg/m	Depth mm	Width mm	Flange mm	Web mm
100 UC	16.2	97	99	7	5
150 UC	25.7	152	152	6.8	6.1

GALVANIZED SLEEPER SECTION - CHANNEL "C"

Size mm	Mass kg/m	Depth mm	Width mm	Flange mm	Web mm
100x50	9.16	50	100	6.7	4.2
150x75	19.5	75	150	9.5	6

GALVANIZED LINTEL ANGLES - EQUAL

Size mm	Thickness mm	Length m	Mass kg/m
90 x 90	6		9.04
100 x 100	6		10.07
	8		12.91
	10		15.64

STEEL LINTELS

Size mm	Thickness mm	Length m	Mass kg/m
150 x 90	8		15.73
150 x 100	10		19.8