WEIGHT TABLES

Round, square and hexagonal steel (weight in kg/m)

d mm			
6	0.222	0.283	0.245
7	0.302	0.385	0.333
8	0.395	0.502	0.435
9	0.499	0.636	0.551
10	0.617	0.785	0.680
11	0.746	0.950	0.823
12	0.888	1.130	0.979
13	1.042	1.327	1.149
14	1.208	1.539	1.332
15	1.387	1.766	1.530
16	1.578	2.010	1.740
17	1.782	2.269	1.965
18	1.998	2.543	2.203
19	2.226	2.834	2.454
20	2.466	3.140	2.719

d mm			
21	2.719	3.462	2.998
22	2.984	3.799	3.290
24	3.551	4.522	3.916
25	3.853	4.906	4.249
27	4.495	5.723	4.956
30	5.549	7.065	6.118
32	6.313	8.038	6.961
35	7.553	9.616	8.328
36	7.990	10.17	8.811
38	8.903	11.34	9.817
40	9.865	12.56	10.88
41	10.36	13.20	11.43
45	12.49	15.90	13.77
46	13.05	16.61	14.39
50	15.41	19.63	17.00

d mm			
55	18.65	23.75	20.57
60	22.20	28.26	24.48
65	26.05	33.17	28.72
70	30.21	38.47	33.32
75	34.68	44.16	38.24
80	39.46	50.24	43.51
85	44.55	56.72	49.12
90	49.94	63.59	55.07
95	55.64	70.85	61.36
100	61.65	78.50	67.98
105	67.97	86.55	74.95
110	74.60	94.99	82.26
115	81.54	103.82	89.91
120	88.78	113.04	97.90
125	96.33	122.66	106.22

d mm			
130	104.20	132.67	114.89
135	112.40	143.07	123.89
140	120.80	153.86	133.28
145	129.56	165.05	142.93
150	138.65	176.63	152.96
155	148.05	188.60	163.32
160	157.75	200.96	174.03
165	167.77	213.72	185.08
170	178.09	226.87	196.47
175	188.72	240.41	208.19
180	199.66	254.34	220.26
185	210.90	268.67	232.66
190	222.46	283.39	245.41
195	234.32	298.50	258.50
200	246.49	314.00	271.92

d mm		
210	271.89	346.19
220	298.40	379.94
230	326.15	415.27
240	355.13	452.16
250	385.34	490.63
260	416.78	530.66
270	449.46	572.27
280	483.37	615.44
290	518.51	660.19
300	554.88	706.50
310	592.49	
320	631.33	
330	671.41	
340	712.72	
350	755.26	

d mm	
360	799.03
370	844.04
380	890.28
390	937.75
400	986.46
410	1,036.40
420	1,087.57
430	1,139.98
440	1,193.62
450	1,248.49
460	1,304.59
470	1,361.93
480	1,420.50
490	1,480.31
500	1,541.34

d mm	
510	1,603.61
520	1,667.12
530	1,731.85
540	1,797.82
550	1,865.03
560	1,933.46
570	2,003.13
580	2,074.03
590	2,146.17
600	2,219.54
610	2,294.14
620	2,369.97
630	2,447.04
640	2,525.34
650	2,604.87

d mm	
660	2,685.64
670	2,767.64
680	2,850.87
690	2,935.34
700	3,021.03
710	3,107.97
720	3,196.13
730	3.285.53
740	3,376.16
750	3,468.02
760	3,561.12
770	3,655.45
780	3,751.01
790	3,847.81
800	3,945.84

d mm	
810	4,043.05
820	4,143.50
830	4,245.17
840	4,348.08
850	4,452.23
860	4,557.60
870	4,664.21
880	4,772.05
890	4,881.12
900	4,991.42
910	5,102.96
920	5,215.73
930	5,329.73
940	5,444.96
950	5,561.43

Flat steel (weight in kg/m)

Width in mm / Thickness in mm	5	6	8	10	12	14	15	16	18	20	22	25	28	30	32	35	36	40	45	50	55	56	60	63	65	70	80	90	100	110	120	125	130	140	150	160	180	200	Width in mm / Thickness in mm
1.5	0.059	0.071	0.094	0.118	0.141	0.165	0.177	0.188	0.212	0.236																													**1.5**
1.6	0.063	0.075	0.100	0.126	0.151	0.176	0.188	0.201	0.226	0.251																													**1.6**
2	0.079	0.094	0.126	0.157	0.188	0.220	0.236	0.251	0.283	0.314	0.345	0.393	0.440	0.471	0.502	0.550	0.565	0.628	0.707	0.785																			**2**
2.5	0.098	0.118	0.157	0.196	0.236	0.275	0.294	0.314	0.353	0.393	0.432	0.491	0.550	0.589	0.628	0.687	0.707	0.785	0.883	0.981																			**2.5**
3	0.118	0.141	0.188	0.236	0.283	0.330	0.353	0.377	0.425	0.471	0.518	0.589	0.659	0.707	0.754	0.824	0.848	0.942	1.060	1.178	1.295	1.319	1.413	1.483															**3**
4	0.157	0.188	0.251	0.314	0.377	0.440	0.471	0.502	0.565	0.628	0.691	0.785	0.879	0.942	1.005	1.099	1.130	1.256	1.413	1.570	1.727	1.758	1.884	1.978	2.041	2.198													**4**
5		0.236	0.314	0.393	0.471	0.550	0.589	0.628	0.707	0.785	0.864	0.981	1.099	1.178	1.256	1.374	1.413	1.570	1.766	1.963	2.159	2.198	2.355	2.473	2.551	2.784	3.140	3.553	3.925	4.318	4.710	4.906	5.102	4.495	5.888	6.280	7.065	7.580	**5**
6			0.377	0.471	0.565	0.659	0.707	0.754	0.848	0.942	1.036	1.178	1.319	1.413	1.507	1.649	1.696	1.884	2.120	2.355	2.591	2.638	2.826	2.967	3.026	3.297	3.768	4.239	4.710	5.182	5.652	5.890	6.124	6.594	7.066	7.536	8.478	9.420	**6**
8				0.628	0.754	0.879	0.942	1.005	1.130	1.256	1.382	1.570	1.758	1.884	2.010	2.198	2.261	2.512	2.826	3.140	3.454	3.517	3.768	3.956	4.082	4.396	5.024	5.652	6.280	6.908	7.536	7.850	8.164	8.792	9.420	10.05	11.30	12.56	**8**
9				0.707	0.848	0.989	1.060	1.130	1.272	1.413	1.555	1.766	1.987	2.120	2.260	2.473	2.544	2.826	3.179	3.532	3.895	3.958	4.240	4.452	4.592	4.946	5.652	6.358	7.065	7.771	8.478	8.839	9.184	9.891	10.60	11.30	12.72	14.13	**9**
10					0.942	1.099	1.178	1.256	1.413	1.570	1.727	1.963	2.198	2.355	2.512	2.748	2.826	3.140	3.533	3.925	4.318	4.369	4.710	4.946	5.103	5.495	6.280	7.065	7.850	8.635	9.420	9.815	10.21	10.99	11.78	12.56	14.13	15.70	**10**
11					1.036	1.209	1.295	1.382	1.554	1.727	1.900	2.159	2.418	2.591	2.764	3.022	3.108	3.454	3.886	4.318	4.750	4.836	5.182	5.440	5.613	6.044	6.908	7.771	8.635	9.499	10.36	10.80	11.23	12.09	12.95	13.82	15.54	17.27	**11**
12						1.319	1.413	1.507	1.696	1.884	2.072	2.355	2.638	2.826	3.014	3.297	3.391	3.768	4.239	4.710	5.181	5.275	5.652	5.935	6.123	6.594	7.536	8.478	9.420	10.36	11.30	11.78	12.25	13.19	14.13	15.07	16.96	18.84	**12**
14							1.649	1.758	1.978	2.198	2.418	2.748	3.078	3.297	3.516	3.847	3.956	4.396	4.946	5.496	6.045	6.156	6.594	6.925	7.144	7.694	8.792	9.891	10.99	12.09	13.19	13.74	14.29	15.39	16.49	17.58	19.78	21.98	**14**
15								1.884	2.120	2.355	2.591	2.944	3.297	3.533	3.768	4.121	4.239	4.710	5.299	5.888	6.476	6.594	7.066	7.418	7.654	8.243	9.420	10.60	11.78	12.95	14.13	14.72	15.31	16.49	17.66	18.84	21.20	23.55	**15**
16									2.261	5.512	2.763	3.140	3.517	3.768	4.019	4.396	4.522	5.024	5.652	6.280	6.908	7.034	7.536	7.913	8.164	8.792	10.05	11.30	12.56	13.82	15.07	15.70	16.33	17.58	18.84	20.10	22.61	25.12	**16**
18										2.826	3.109	3.533	3.956	4.239	4.522	4.946	5.087	5.652	6.359	7.065	7.772	7.913	8.478	8.902	9.185	9.891	11.30	12.72	14.13	15.54	16.96	17.66	18.37	19.78	21.20	22.61	25.43	28.26	**18**
20											3.454	3.925	4.396	4.710	5.024	5.495	5.652	6.280	7.065	7.850	8.635	8.792	9.420	9.891	10.21	10.99	15.56	14.13	15.70	17.27	18.84	19.63	20.41	21.98	23.55	25.12	28.26	31.40	**20**
22												4.318	4.836	5.181	5.528	6.045	6.216	6.908	7.772	8.636	9.500	9.672	10.36	10.88	11.23	12.09	13.82	15.54	17.27	19.00	20.72	21.59	22.45	24.18	25.91	27.63	31.09	34.54	**22**
25													5.495	5.888	6.280	6.869	7.065	7.850	8.831	9.810	10.79	10.99	11.78	12.36	12.76	13.74	15.70	17.66	19.63	21.59	23.55	24.53	25.51	27.48	29.44	31.40	35.33	39.25	**25**
28														6.594	7.032	7.694	7.912	8.792	9.892	10.99	12.09	12.31	13.19	13.58	14.29	15.39	17.58	19.78	21.98	24.18	26.38	27.48	28.57	30.78	32.97	35.17	39.56	43.96	**28**
30															7.536	8.242	8.478	9.420	10.60	11.78	12.95	13.19	14.30	14.83	15.31	16.49	18.84	21.20	23.55	25.91	28.26	29.94	30.62	32.97	35.33	37.68	42.39	47.10	**30**
32																8.792	9.044	10.05	11.30	12.56	13.82	14.07	15.07	15.83	16.33	17.58	20.10	22.61	25.12	27.64	30.14	31.40	32.66	35.16	37.68	40.19	45.22	50.24	**32**
35																	9.891	10.99	12.36	13.74	15.11	15.39	16.49	17.31	17.86	19.23	21.98	24.73	27.48	30.22	32.97	34.35	35.72	38.47	41.21	43.96	49.46	54.95	**35**
40																			14.13	15.70	17.27	17.58	18.84	19.78	20.41	21.98	25.12	28.26	31.40	34.54	37.68	39.25	40.82	43.96	47.10	50.24	56.52	62.80	**40**
45																				17.66	19.43	19.78	21.20	22.25	22.96	24.73	28.26	31.79	35.33	38.86	42.39	44.16	45.92	49.46	52.99	56.52	63.59	70.65	**45**
50																					21.59	21.98	23.55	24.73	25.51	27.48	31.40	35.33	39.25	43.18	47.10	49.06	51.02	54.96	58.88	62.80	70.65	78.50	**50**
55																						24.18	25.91	27.19	28.07	30.22	34.54	38.95	43.20	47.50	51.81	54.47	56.13	60.45	64.76	69.08	77.72	86.35	**55**
60																								29.69	30.62	32.98	37.68	42.40	47.10	51.82	56.52	58.90	61.24	65.94	70.66	75.36	84.78	94.20	**60**
63																									32.15	34.62	39.58	44.52	49.50	54.40	59.35	61.83	64.30	69.25	74.18	79.13	89.02	98.91	**63**