

Cartech.com Tech Center
Approximate Estimated Weights -
Flat Rolled Steel per Lineal Foot



Weights are based on 489.6 lbs. per cubic foot of steel.

Thickness in Inches	Width - Inches										
	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-5/8	1-3/4
1/16	.1060	.1381	.1594	.1859	.212	.2391	.2656	.292	.319	.346	.372
1/8	.2125	.2656	.3188	.3720	.4250	.4782	.5312	.585	.638	.692	.744
3/16	.319	.399	.478	.558	.638	.717	.797	.875	.957	1.04	1.15
1/4	.425	.531	.636	.743	.850	.957	1.06	1.17	1.28	1.38	1.49
5/16	.531	.664	.797	.929	1.06	1.20	1.33	1.46	1.59	1.73	1.86
3/8	.638	.797	.957	1.116	1.28	1.43	1.59	1.76	1.92	2.08	2.23
7/16	.744	.929	1.116	1.302	1.49	1.68	1.86	2.05	2.23	2.42	2.60
1/2	.850	1.06	1.275	1.487	1.70	1.92	2.12	2.34	2.55	2.72	2.98
9/16	.957	1.20	1.434	1.674	1.92	2.15	2.39	2.63	2.87	3.11	3.35
5/8	1.06	1.33	1.594	1.859	2.12	2.39	2.65	2.92	3.19	3.46	3.72
11/16	1.17	1.46	1.753	2.045	2.34	2.63	2.92	3.22	3.51	3.80	4.09
3/4	1.28	1.60	1.913	2.232	2.55	2.87	3.19	3.51	3.83	4.15	4.47
13/16	1.38	1.73	2.072	2.417	2.76	3.11	3.45	3.80	4.14	4.49	4.84
7/8	1.49	1.86	2.232	2.604	2.98	3.35	3.72	4.09	4.47	4.84	5.20
15/16	1.60	1.99	2.391	2.789	3.19	3.59	3.99	4.39	4.78	5.18	5.58
1	1.70	2.13	2.55	2.98	3.40	3.83	4.25	4.68	5.10	5.53	5.95
1-1/8	1.91	2.39	2.868	3.347	3.83	4.304	4.78	5.26	5.74	6.22	6.70
1-1/4	2.12	2.66	3.19	3.72	4.25	4.79	5.31	5.85	6.38	6.91	7.44
1-3/8	2.34	2.92	3.51	4.09	4.67	5.26	5.84	6.43	7.02	7.60	8.18
1-1/2	2.55	3.19	3.83	4.47	5.10	5.74	6.38	7.02	7.65	8.29	8.93
1-5/8	2.76	3.45	4.15	4.84	5.52	6.22	6.90	7.60	8.29	8.98	9.67
1-3/4	2.98	3.72	4.45	5.21	5.95	6.70	7.44	8.19	8.92	9.67	10.42
1-7/8	3.19	3.99	4.79	5.58	6.38	7.17	7.97	8.77	9.57	10.36	11.15
2	3.40	4.25	5.10	5.95	6.80	7.65	8.50	9.35	10.20	11.05	11.90

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Thickness in Inches	Width - Inches										
	2	2-1/4	2-1/2	2-3/4	3	3-1/4	3-1/2	3-3/4	4	4-1/4	4-1/2
1/16	.425	.478	.531	.584	.638	.691	.744	.80	.85	.90	.96
1/8	.850	.96	1.06	1.17	1.28	1.38	1.49	1.59	1.70	1.81	1.91
3/16	1.28	1.44	1.59	1.75	1.91	2.07	2.23	2.39	2.55	2.71	2.87
1/4	1.70	1.92	2.12	2.34	2.55	2.76	2.98	3.19	3.40	3.61	3.83
5/16	2.12	2.39	2.65	2.92	3.19	3.45	3.72	3.99	4.25	4.52	4.78
3/8	2.55	2.87	3.19	3.51	3.83	4.15	4.47	4.78	5.10	5.42	5.74
7/16	2.98	3.35	3.72	4.09	4.46	4.83	5.20	5.58	5.95	6.32	6.70
1/2	3.40	3.83	4.25	4.67	5.10	5.53	5.95	6.38	6.80	7.22	7.65
9/16	3.83	4.30	4.78	5.26	5.74	6.22	6.70	7.17	7.65	8.13	8.61
5/8	4.25	4.78	5.31	5.84	6.38	6.91	7.44	7.97	8.50	9.03	9.57
11/16	4.67	5.26	5.84	6.43	7.02	7.60	8.18	8.76	9.35	9.93	10.52
3/4	5.10	5.75	6.38	7.02	7.65	8.29	8.93	9.57	10.20	10.84	11.48
13/16	5.50	6.21	6.90	7.60	8.29	8.98	9.67	10.36	11.05	11.74	12.43
7/8	5.95	6.69	7.44	8.18	8.93	9.67	10.41	11.16	11.90	12.65	13.39
15/16	6.38	7.18	7.97	8.77	9.57	10.36	11.16	11.95	12.75	13.55	14.34
1	6.80	7.65	8.50	9.35	10.20	11.05	11.90	12.75	13.60	14.45	15.30
1-1/8	7.65	8.61	9.57	10.52	11.48	12.43	13.39	14.34	15.30	16.26	17.22
1-1/4	8.50	9.57	10.63	11.69	12.75	13.81	14.87	15.94	17.00	18.06	19.13
1-3/8	9.35	10.52	11.69	12.85	14.03	15.20	16.36	17.53	18.70	19.87	21.04
1-1/2	10.20	11.48	12.75	14.03	15.30	16.58	17.85	19.13	20.40	21.68	22.95
1-5/8	11.05	12.43	13.81	15.19	16.58	17.96	19.34	20.72	22.10	23.48	24.87
1-3/4	11.90	13.40	14.88	16.37	17.85	19.34	20.83	22.32	23.80	25.29	26.78
1-7/8	12.75	14.34	15.94	17.53	19.13	20.72	22.31	23.91	25.50	27.10	28.69
2	13.60	15.30	17.00	18.70	20.40	22.10	23.80	25.50	27.20	28.90	30.60

Cartech.com Tech Center
Approximate Estimated Weights -
Flat Rolled Steel per Lineal Foot (continued)

Weights are based on 489.6 lbs. per cubic foot of steel.

Thickness in Inches	Width - Inches										
	4-3/4	5	5-1/4	5-1/2	5-3/4	6	6-1/4	6-1/2	6-3/4	7	7-1/4
1/16	1.01	1.06	1.116	1.169	1.222	1.275	1.328	1.381	1.434	1.487	1.540
1/8	2.02	2.13	2.232	2.338	2.444	2.550	2.656	2.762	2.869	2.975	3.081
3/16	3.03	3.19	3.35	3.51	3.67	3.83	3.99	4.14	4.30	4.46	4.62
1/4	4.04	4.25	4.46	4.67	4.89	5.10	5.31	5.53	5.74	5.95	6.16
5/16	5.05	5.31	5.58	5.84	6.11	6.38	6.64	6.90	7.17	7.44	7.70
3/8	6.06	6.38	6.69	7.02	7.34	7.65	7.97	8.29	8.61	8.93	9.25
7/16	7.07	7.44	7.81	8.18	8.56	8.93	9.29	9.67	10.04	10.41	10.78
1/2	8.08	8.50	8.93	9.35	9.77	10.20	10.63	11.05	11.48	11.90	12.32
9/16	9.09	9.57	10.04	10.52	11.00	11.48	11.95	12.43	12.91	13.39	13.86
5/8	10.10	10.63	11.16	11.69	12.22	12.75	13.28	13.81	14.34	14.87	15.40
11/16	11.11	11.69	12.27	12.85	13.44	14.03	14.61	15.20	15.78	16.36	16.94
3/4	12.12	12.75	13.39	14.03	14.67	15.30	15.94	16.58	17.22	17.85	18.49
13/16	13.12	13.81	14.50	15.19	15.88	16.58	17.27	17.95	18.65	19.34	20.03
7/8	14.13	14.87	15.62	16.36	17.10	17.85	18.60	19.34	20.08	20.83	21.57
15/16	15.14	15.94	16.74	17.53	18.33	19.13	19.62	20.72	21.51	22.32	23.11
1	16.15	17.00	17.85	18.70	19.55	20.40	21.25	22.10	22.95	23.80	24.65
1-1/8	18.17	19.13	20.08	21.04	21.99	22.95	23.91	24.87	25.82	26.78	27.73
1-1/4	20.19	21.25	22.32	23.38	24.44	25.50	26.56	27.62	28.69	29.75	30.81
1-3/8	22.21	23.38	24.54	25.71	26.88	28.05	29.22	30.39	31.56	32.72	33.89
1-1/2	24.23	25.50	26.78	28.05	29.33	30.60	31.88	33.15	34.43	35.70	36.98
1-5/8	26.25	27.63	29.01	30.39	31.77	33.15	34.53	35.91	37.29	38.67	40.05
1-3/4	28.27	29.75	31.24	32.73	34.22	35.70	37.19	38.68	40.17	41.65	43.14
1-7/8	30.28	31.87	33.47	35.06	36.65	38.25	39.85	41.44	43.03	44.63	46.22
2	32.30	34.00	35.70	37.40	39.10	40.80	42.50	44.20	45.90	47.60	49.30

Weights are based on 489.6 lbs. per cubic foot of steel.

Thickness in Inches	Width - Inches										
	7-1/2	7-3/4	8	8-1/4	8-1/2	8-3/4	9	9-1/2	10	10-1/2	11
1/16	1.594	1.647	1.70	1.753	1.806	1.859	1.913	2.019	2.135	2.232	2.338
1/8	3.188	3.294	3.40	3.506	3.612	3.720	3.826	4.037	4.250	4.463	4.876
3/16	4.78	4.94	5.10	5.26	5.42	5.58	5.74	6.06	6.38	6.70	7.02
1/4	6.36	6.58	6.80	7.01	7.22	7.43	7.65	8.08	8.50	8.92	9.34
5/16	7.97	8.23	8.50	8.76	9.03	9.29	9.56	10.10	10.62	11.16	11.68
3/8	9.57	9.88	10.20	10.52	10.84	11.16	11.48	12.12	12.75	13.39	14.03
7/16	11.16	11.53	11.90	12.27	12.64	13.02	13.40	14.14	14.88	15.62	16.36
1/2	12.75	13.18	13.60	14.03	14.44	14.87	15.30	16.16	17.00	17.85	18.70
9/16	14.34	14.82	15.30	15.78	16.26	16.74	17.22	18.18	19.14	20.08	21.02
5/8	15.94	16.47	17.00	17.53	18.06	18.59	19.13	20.19	21.35	22.32	23.38
11/16	17.53	18.12	18.70	19.28	19.86	20.45	21.04	22.21	23.38	24.54	25.70
3/4	19.13	19.77	20.40	21.04	21.68	22.32	22.96	24.23	25.50	26.78	28.05
13/16	20.72	21.41	22.10	22.79	23.48	24.17	24.86	26.24	27.62	29.00	30.40
7/8	22.32	23.05	23.80	24.55	25.30	26.04	26.78	28.26	29.75	31.34	32.72
15/16	23.91	24.70	25.50	26.30	27.10	27.89	28.69	30.28	31.88	33.48	35.06
1	25.50	26.35	27.20	28.05	28.90	29.75	30.60	32.30	34.00	35.70	37.40
1-1/8	28.68	29.64	30.60	31.56	32.52	33.47	34.43	36.34	38.25	40.17	42.08
1-1/4	31.88	32.94	34.00	35.06	36.12	37.20	38.26	40.37	42.50	44.63	46.76
1-3/8	35.06	36.23	37.40	38.57	39.74	40.91	42.08	44.41	46.75	49.08	51.42
1-1/2	38.26	39.53	40.80	42.08	43.35	44.63	45.90	48.45	51.00	53.55	56.10
1-5/8	41.44	42.82	44.20	45.58	46.96	48.34	49.73	52.49	55.25	58.02	60.78
1-3/4	44.63	46.12	47.60	49.09	50.58	52.07	53.56	56.53	59.50	62.48	65.45
1-7/8	47.82	49.40	51.00	52.60	54.20	55.79	57.38	60.56	63.75	66.94	70.12
2	51.00	52.70	54.40	56.10	57.80	59.50	61.20	64.60	68.00	71.40	74.80