



# Dimensions and Inventory Spec Sheet

## Dolphin Steel Sales

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"We will cut, blast, coat and cater to your material needs."

### WIDE FLANGE BEAMS

Lengths up to 60 Feet

Nominal Size in Inches	Weight Lbs. Per Foot	Depth in Inches	Flange Width in Inches	Average		Nominal Size in Inches	Weight Lbs. Per Foot	Depth in Inches	Flange Width in Inches	Average	
				Flange Thickness in Inches	Web Thickness in Inches					Flange Thickness in Inches	Web Thickness in Inches
4 x 4	13.0	4.16	4.060	.375	.280	12 x 12	96.0	12.71	12.160	.900	.550
4 x 4H	13.0	4.00	3.937	.372	.250		106.0	12.88	12.230	.986	.620
5 x 5	16.0	5.00	5.000	.360	.240		120.0	13.12	12.320	1.106	.710
	19.0	5.15	5.030	.430	.270	12 x 12	136.0	13.41	12.400	1.250	.790
5 x 5H	18.9	5.00	5.000	.417	.313		152.0	13.71	12.480	1.400	.870
6 x 4	9.0	5.90	3.940	.215	.170		170.0	14.03	12.570	1.560	.960
	12.0	6.00	4.000	.279	.230		190.0	14.38	12.670	1.736	1.060
	16.0	6.25	4.030	.404	.260	14 x 5	22.0	13.72	5.000	.335	.230
6 x 6	15.0	5.99	5.990	.260	.230		26.0	13.89	5.025	.418	.255
6 x 6H	20.0	6.00	5.938	.380	.250	14 x 6 1/4	30.0	13.86	6.733	.383	.270
6 x 6	20.0	6.20	6.018	.367	.258		34.0	14.00	6.750	.453	.287
6 x 6H	25.0	6.00	5.938	.481	.313		38.0	14.12	6.776	.513	.313
6 x 6	25.0	6.37	6.080	.456	.320	14 x 8	43.0	13.68	8.000	.528	.308
8 x 4	10.0	7.90	3.940	.204	.170		48.0	13.81	8.031	.593	.339
	13.0	8.00	4.000	.254	.230		53.0	13.94	8.062	.658	.370
	15.0	8.12	4.015	.314	.245	14 x 10	61.0	13.91	10.000	.643	.378
8 x 5 1/4	18.0	8.14	5.250	.330	.230		68.0	14.06	10.040	.718	.418
	21.0	8.28	5.270	.400	.250		74.0	14.19	10.072	.783	.450
8 x 6 1/2	24.0	7.93	6.500	.398	.245		82.0	14.31	10.130	.855	.510
	28.0	8.06	6.540	.463	.285	14 x 14 1/2	90.0	14.02	14.520	.710	.440
8 x 8	31.0	8.00	8.000	.433	.288		99.0	14.16	14.565	.780	.485
8 x 8	35.0	8.12	8.027	.493	.315		109.0	14.32	14.605	.860	.525
8 x 8H	40.0	8.00	8.083	.521	.458	16 x 5 1/2	26.0	15.65	5.500	.345	.250
8 x 8	40.0	8.25	8.077	.558	.365		31.0	15.84	5.525	.442	.275
	48.0	8.50	8.117	.683	.405	16 x 7	36.0	15.85	6.992	.428	.299
	58.0	8.75	8.222	.808	.510		40.0	16.00	7.000	.503	.307
	67.0	9.00	8.287	.933	.575		45.0	16.12	7.039	.563	.346
10 x 4	12.0	9.87	3.960	.210	.190		50.0	16.25	7.073	.628	.380
	15.0	10.00	4.000	.269	.230		57.0	16.43	7.120	.715	.430
	17.0	10.12	4.010	.329	.240	16 x 10 1/4	67.0	16.33	10.235	.665	.395
	19.0	10.25	4.020	.394	.250		77.0	16.52	10.295	.760	.455
10 x 5 1/4	22.0	10.17	5.750	.360	.240		89.0	16.75	10.365	.875	.525
	26.0	10.33	5.750	.360	.240		100.0	16.97	10.425	.985	.585
	30.0	10.47	5.810	.510	.300	18 x 6	35.0	17.71	6.000	.429	.298
10 x 8	33.0	9.75	7.964	.433	.292		40.0	17.90	6.018	.524	.316
	39.0	9.94	7.990	.528	.318		46.0	18.06	6.060	.605	.360
	45.0	10.12	8.022	.618	.350	18 x 7 1/2	50.0	18.00	7.500	.570	.358
10 x 10	49.0	10.00	10.000	.558	.340		55.0	18.12	7.532	.630	.390
	54.0	10.12	10.028	.618	.368		60.0	18.25	7.558	.695	.416
	60.0	10.25	10.075	.683	.415		65.0	18.35	7.590	.750	.450
	68.0	10.40	10.130	.770	.470		71.0	18.47	7.635	.810	.495
10 x 10	77.0	10.62	10.195	.868	.535	18 x 11	76.0	18.21	11.035	.680	.425
	88.0	10.84	10.265	.990	.605		86.0	18.39	11.090	.770	.480
	100.0	11.12	10.345	.118	.685		97.0	18.59	11.145	.870	.535
	112.0	11.38	10.415	.248	.755		106.0	18.73	11.200	.940	.590
12 x 4	14.0	11.91	3.970	.224	.200		119.0	18.97	11.265	1.060	.655
	16.0	11.99	3.990	.265	.220	21 x 6 1/2	44.0	20.66	6.500	.451	.348
	19.0	12.16	4.010	.349	.240		50.0	20.83	6.530	.535	.380
	22.0	12.31	4.030	.424	.260		57.0	21.06	6.555	.650	.405
12 x 6 1/2	26.0	12.22	6.490	.380	.230	21 x 8 1/4	62.0	20.99	8.240	.615	.400
	30.0	12.34	6.520	.440	.260		68.0	21.13	8.270	.685	.430
	35.0	12.50	6.560	.520	.300		73.0	21.24	8.295	.740	.455
12 x 8	40.0	11.94	8.000	.516	.294		83.0	21.43	8.355	.835	.515
	45.0	12.06	8.042	.576	.336		93.0	21.62	8.420	.930	.580
	50.0	12.19	8.077	.640	.371	24 x 7	55.0	23.55	7.000	.503	.396
12 x 10	53.0	12.06	10.000	.576	.345		62.0	23.74	7.040	.590	.430
	58.0	12.19	10.014	.641	.359	24 x 9	68.0	23.71	8.961	.582	.416
	65.0	12.12	12.000	.606	.390		76.0	23.91	8.985	.682	.440
	72.0	12.25	12.040	.671	.430		84.0	24.09	9.015	.772	.470
	79.0	12.38	12.080	.736	.470		94.0	24.29	9.061	.872	.516
	87.0	12.53	12.125	.810	.515						

### STANDARD "I" BEAMS

Lengths up to 60 Feet

Depth in Inches	Weight Lbs. per Foot	Flange Width in Inches	Web Thickness in Inches	Depth in Inches	Weight Lbs. per Foot	Flange Width in Inches	Web Thickness in Inches
	7.5	2.509	.349	15	50.0	5.477	.687
4	7.7	2.660	.190		42.9	5.500	.410
	9.5	2.796	.326		50.0	5.640	.550
5	10.0	3.000	.210	18	54.7	6.000	.460
	14.75	3.284	.494		70.0	6.251	.711
6	12.5	3.330	.230	20	66.0	6.255	.505
	17.25	3.565	.465		75.0	6.385	.635
7	15.3	3.660	.250		86.0	7.060	.660
	20.0	3.860	.450		96.0	7.200	.800
8	18.4	4.000	.270	24	80.0	7.000	.500
	23.0	4.171	.441		90.0	7.125	.625
10	25.4	4.660	.310		100.0	7.245	.745
	35.0	4.944	.594		106.0	7.870	.620
12	31.8	5.000	.350		121.0	8.050	.800
	35.0	5.078	.428				

### CHANNELS - STRUCTURAL

Lengths up to 60 Feet

Depth in Inches	Weight Lbs. per Foot	Flange Width in Inches	Web Thickness in Inches	Depth in Inches	Weight Lbs. per Foot	Flange Width in Inches	Web Thickness in Inches
	5.00	1.498	.258		18.75	2.527	.487
	6.00	1.596	.356	9	13.4	2.430	.230
4	5.40	1.580	.180		15.0	2.485	.285
	6.25	1.647	.247		20.0	2.648	.448
	7.25	1.720	.320	10	15.3	2.600	.240
5	6.70	1.750	.190		20.0	2.739	.379
	9.00	1.885	.325		25.0	2.886	.526
6	8.20	1.920	.200		30.0	3.033	.673
	10.50	2.034	.314	12	20.7	2.940	.280
	13.00	2.157	.437		25.0	3.047	.387
7	9.80	2.090	.210		30.0	3.170	.510
	12.25	2.194	.314	15	33.9	3.400	.400
	14.75	2.299	.419		40.0	3.520	.520
8	8.50	1.875	.180		50.0	3.716	.716
	11.50	2.260	.220				

### EXTRA STRONG BLACK PIPE

Size in Inches	Diameter Inches		Thickness in Inches	Weight Lbs. Per Foot	
	External	Internal		Plain Ends	Theoretical
	3/8	.675	0.423	.126	0.74
1/2	.840	0.546	.147	1.09	
3/4	1.050	0.742	.154	1.47	
1	1.315	0.957	.179	2.17	
1 1/4	1.660	1.278	.191	3.00	
1 1/2	1.900	1.500	.200	3.63	
2	2.375	1.939	.218	5.02	
2 1/2	2.875	2.323	.276	7.66	
3	3.500	2.900	.300	10.25	
3 1/2	4.000	3.364	.318	12.51	
4	4.500	3.826	.337	14.98	
5	5.563	4.813	.375	20.78	
6	6.625	5.761	.432	28.57	
8	8.625	7.625	.500	43.39	
10	10.750	9.750	.500	54.74	
12	12.750	11.750	.500	65.42	

### STANDARD PIPE

Size in Inches	Diameter Inches		Weight Lbs. Per Foot		
	External	Internal	Thickness in Inches	Plain Ends	Threads and Couplings
	1/8	.405	.269	.068	.24
1/4	.540	.364	.088	.42	.42
3/8	.675	.493	.091	.57	.57
1/2	.840	.622	.109	.85	.85
3/4	1.050	.824	.113	1.13	1.13
1	1.315	1.049	.133	1.68	1.68
1 1/4	1.660	1.380	.140	2.27	2.28
1 1/2	1.900	1.610	.145	2.72	2.73
2	2.375	2.067	.154	3.65	3.68
2 1/2	2.875	2.469	.203	5.79	5.82
3	3.500	3.068	.216	7.58	7.62
3 1/2	4.000	3.548	.226	9.11	9.20
4	4.500	4.026	.237	10.79	10.89
5	5.563	5.017	.258	14.62	14.81
6	6.625	6.065	.280	18.97	19.18
8	8.625	8.071	.277	24.70	25.55
8	8.625	7.981	.322	28.55	29.35
10	10.750	10.192	.279	31.20	32.75
10	10.750	10.136	.307	34.24	35.75
10	10.750	10.020	.365		



With over 25 years in business,  
Dolphin Steel Sales can satisfy your  
material needs.

**ANGLES - STRUCTURAL SIZES**

Lengths Up to 40 Feet

Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot
3 x 2	3.07	4 x 3 1/2	6.2	6 x 4	16.2
1/4	4.1	5/16	7.7	3/8	20.0
5/16	5.0	3/8	9.1	1/2	23.6
3/8	5.9	1/2	11.9	5/8	27.2
1/2	7.7	5/8	14.7	3/4	30.2
3 x 2 1/2	3.39	4 x 4	6.6	7/16	17.2
1/4	4.5	5/16	8.2	1/2	19.6
5/16	5.6	3/8	9.8	3/4	24.2
3/8	6.6	7/16	11.3	1	28.7
1/2	8.5	1/2	12.8	1 1/8	33.1
3 x 3	3.71	5/8	15.7	1 1/4	37.4
1/4	4.9	3/4	18.5	1 1/2	44.2
5/16	6.1	7/8	21.9	1 3/4	51.0
3/8	7.2	1	25.8	1 7/8	56.9
1/2	9.4	1 1/8	29.9		
3 1/2 x 2 1/2	4.9	1 1/4	33.1		
5/16	6.1	1 1/2	37.4		
3/8	7.2	1 3/4	44.2		
1/2	9.4	1 7/8	51.0		
3 1/2 x 3	5.4	2	56.9		
5/16	6.6				
3/8	7.9				
1/2	10.2				
3 1/2 x 3 1/2	5.8				
5/16	7.2				
3/8	8.5				
7/16	9.8				
1/2	11.1				
4 x 3	5.8				
5/16	7.2				
3/8	8.5				
7/16	9.8				
1/2	11.1				
3/8	13.6				

**EXPANDED METAL**

Style Designation	Weight Lbs. Per 100 Sq. Feet	Diamond Size Inches	Overall Thickness Inches
<b>REGULAR EXPANDED METAL</b>			
1/4"-No. 20	94	.26 x 1.0	.125
1/4"-No. 18	117	.26 x 1.0	.125
1/2"-No. 40	40	.497 x 1.195	.110
1/2"-No. 20	43	.459 x 1.120	.134
1/2"-No. 18	70	.507 x 1.195	.161
1/2"-No. 16	87	.507 x 1.195	.159
1/2"-No. 13	146	.503 x 1.2	.199
3/4"-No. 18	34	.865 x 2.0	.129
3/4"-No. 16	54	.880 x 2.0	.183
3/4"-No. 13	80	.880 x 2.0	.185
3/4"-No. 10	119	.889 x 2.0	.277
3/4"-No. 9	180	.857 x 2.0	.290
1"-No. 16	47	1.01 x 2.375	.196
1 1/2"-No. 16	40	1.35 x 3.125	.210
1 1/2"-No. 13	60	1.35 x 3.125	.213
1 1/2"-No. 10	79	1.33 x 3.00	.248
1 1/2"-No. 9	119	1.33 x 3.00	.289
1 1/2"-No. 6	250	1.33 x 3.00	.385
<b>FLATTENED EXPANDED METAL</b>			
1/4"-No. 20	87	.26 x 1.03	.031
1/4"-No. 18	113	.26 x 1.03	.042
1/2"-No. 40	39	.497 x 1.23	.038
1/2"-No. 20	41	.438 x 1.25	.032
1/2"-No. 18	66	.507 x 1.26	.038
1/2"-No. 16	82	.507 x 1.26	.050
1/2"-No. 13	138	.503 x 1.26	.070
3/4"-No. 18	32	.856 x 2.10	.045
3/4"-No. 16	51	.880 x 2.10	.048
3/4"-No. 14	68	.880 x 2.10	.063
3/4"-No. 13	76	.880 x 2.10	.070
3/4"-No. 9	171	.857 x 2.10	.110
1"-No. 16	46	1.01 x 2.50	.048
1 1/2"-No. 16 (Lt.)	29	1.35 x 3.25	.048
1 1/2"-No. 16 (Hvy.)	38	1.35 x 3.19	.048
1 1/2"-No. 14	53	1.35 x 3.28	.063
1 1/2"-No. 13	57	1.35 x 3.28	.070
1 1/2"-No. 9	113	1.35 x 3.25	.106

**HOT ROLLED FLATS & U.M. PLATES**

Stock Lengths 20 Feet

Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot
1/4 x 3/8	.319	3/8 x 1 1/4	2.231	5/8 x 10	21.270
1/2	.425	2	2.550	11	23.400
3/8	.531	2 1/4	2.869	12	25.530
1/2	.638	2 1/2	3.188	3/4 x 7/8	2.231
3/8	.744	2 3/4	3.506	1	2.550
1	.850	3	3.825	1 1/8	2.869
1 1/8	.956	3 1/4	4.144	1 1/4	3.188
1 1/4	1.063	3 1/2	4.463	1 1/2	3.825
1 1/8	1.169	4	5.100	1 3/4	4.463
1 1/2	1.275	4 1/2	5.738	2	5.100
1 1/8	1.381	5	6.375	2 1/4	5.738
1 3/4	1.488	5 1/2	7.013	2 1/2	6.375
2	1.700	6	7.650	2 3/4	7.013
2 1/4	1.913	7	8.925	3	7.650
2 1/2	2.125	8	10.200	3 1/4	8.288
2 3/4	2.338	9	11.490	3 1/2	8.925
3	2.550	10	12.770	4	10.200
3 1/4	2.763	11	14.040	4 1/2	11.475
3 1/2	2.975	12	15.320	5	12.750
3 3/4	3.188	1 1/2 x 5/8	1.063	5 1/2	14.025
4	3.400	3/4	1.275	6	15.300
4 1/2	3.825	7/8	1.488	7	17.850
5	4.250	1	1.700	8	20.400
5 1/2	4.675	1 1/8	1.913	9	22.970
6	5.100	1 1/4	2.125	10	25.520
7	5.950	1 1/8	2.338	11	28.080
8	6.800	1 1/2	2.550	12	30.630
9	7.660	1 3/4	2.975	7/8 x 1	2.975
10	8.510	2	3.400	1 1/4	3.719
11	9.360	2 1/4	3.825	1 1/2	4.463
12	10.210	2 1/2	4.250	1 3/4	5.206
5/16 x 1/2	.531	2 3/4	4.675	2	5.950
3/8	.664	3	5.100	2 1/4	6.694
1/2	.797	3 1/4	5.525	2 1/2	7.438
3/4	.930	3 1/2	5.950	2 3/4	8.181
1	1.063	4	6.800	3	8.925
1 1/8	1.195	4 1/2	7.650	3 1/2	10.413
1 1/4	1.328	5	8.500	4	11.900
1 1/8	1.461	5 1/2	9.350	4 1/2	13.388
1 1/2	1.594	6	10.100	5	14.875
1 3/4	1.859	7	11.900	6	17.850
2	2.125	8	13.600	7	20.825
2 1/4	2.391	9	15.320	8	23.800
2 1/2	2.656	10	17.020	9	26.810
2 3/4	2.922	11	18.720	10	29.780
3	3.188	12	20.420	11	32.760
3 1/2	3.719	1 1/2 x 3/4	1.594	12	35.740
4	4.250	7/8	1.859	1 x 1 1/4	4.250
4 1/2	4.781	1	2.125	1 1/2	5.100
5	5.313	1 1/8	2.391	1 3/4	5.950
5 1/2	5.844	1 1/4	2.656	2	6.800
6	6.375	1 1/2	3.188	2 1/4	7.650
7	7.438	1 3/4	3.719	2 1/2	8.500
8	8.500	2	4.250	2 3/4	9.350
9	9.570	2 1/4	4.781	3	10.200
10	10.630	2 1/2	5.313	3 1/4	11.050
11	11.700	2 3/4	5.844	3 1/2	11.900
12	12.760	3	6.375	4	13.600
3/8 x 1/2	.638	3 1/4	6.906	4 1/2	15.300
5/8	.797	3 1/2	7.438	5	17.000
3/4	.956	4	8.500	5 1/2	18.700
7/8	1.116	4 1/2	9.563	6	20.400
1	1.276	5	10.625	7	23.800
1 1/8	1.434	5 1/2	11.688	8	27.200
1 1/4	1.594	6	12.750	9	30.630
1 1/8	1.753	7	14.875	10	34.030
1 1/2	1.913	8	17.000	11	37.440
1 3/4	2.072	9	19.150	12	40.840

**HOT ROLLED ROUNDS**

Stock Lengths 20 Feet

Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot
3/16	.094	2 3/8	15.06
1/4	.167	2 1/2	16.69
5/16	.261	2 5/8	18.40
3/8	.376	2 3/4	20.20
7/16	.511	2 7/8	22.07
1/2	.668	3	24.03
9/16	.845	3 1/8	26.08
5/8	1.04	3 1/4	28.21
3/4	1.50	3 3/8	30.42
7/8	2.04	3 1/2	32.71
1	2.67	3 5/8	35.09
1 1/8	3.38	3 3/4	37.55
1 1/4	4.17	3 7/8	40.10
1 1/2	5.05	4	42.73
1 3/4	6.01	4 1/4	48.23
1 7/8	7.05	4 1/2	54.08
2	8.18	4 3/4	60.25
2 1/8	9.39	5	66.76
2 1/4	10.68	5 1/4	73.60
2 1/2	12.06	5 1/2	80.78
2 3/4	13.52	5 3/4	88.29

**STEEL PLATE**

Plate Thickness (Inches)	Lbs. Per Square Foot	Plate Thickness (Inches)	Lbs. Per Square Foot
3/16	7.66	2	81.68
1/4	10.21	2 1/4	91.89
5/16	12.76	2 1/2	102.10
3/8	15.32	2 3/4	112.31
7/16	17.87	3	122.52
1/2	20.42	3 1/4	132.73
9/16	22.97	3 1/2	142.94
5/8	25.53	3 3/4	153.15
3/4	30.63	4	163.36
7/8	35.74	4 1/4	173.57
1	40.84	4 1/2	183.78
1 1/8	45.95	4 3/4	193.99
1 1/4	51.05	5	204.20
1 1/2	56.16	5 1/2	224.62
1 3/4	61.26	6	245.04

**HOT ROLLED SQUARES**

Stock Lengths 20 Feet

Size in Inches	Weight Lbs. Per Foot	Size in Inches	Weight Lbs. Per Foot
1/4	.213	1 1/8	4.30
5/16	.332	1 1/4	5.31
3/8	.478	1 3/8	6.43
7/16	.651	1 1/2	7.65
1/2	.850	1 3/4	8.98
5/8	1.33	1 3/4	10.41
11/16	1.61	2	13.60
3/4	1.91	2 1/4	17.21
7/8	2.60	2 1/2	21.25
1	3.40	2 3/4	25.71

**EXPANDED METAL**

GRATING

Style Designation (Wt. per sq. ft.)	Diamond Size a x b Inches	Overall Thickness e Inches
3.00 lbs.	1.44 x 5.0	1/2
3.14 lbs.	2.00 x 6.0	9/16
4.00 lbs.	1.395 x 5.0	5/8
4.27 lbs.	1.412 x 4.0	5/8
5.00 lbs.	1.143 x 5.0	5/8
6.25 lbs.	1.412 x 5.0	47/64
7.00 lbs.	1.333 x 5.0	3/4

**We also stock:**

Aluminum Plate, Flat Bar, Angle, Channel and Pipe