

A-1-A Steel

135 Barnstable Road, Hyannis, MA 02601
 508-771-3900 • 1-877-601-3900 (Toll Free) • Fax 508-771-3950
 A1ASteel.com

BARS HOT ROLLED

ANGLES			
Size	Wt./Fl.	Size	Wt./Fl.
1/2 x 1/2 x 1/8	.38	2 x 2 x 3/16	1.65
5/8 x 5/8 x 1/8	.48	2 x 2 x 3/16	2.44
3/4 x 3/4 x 1/8	.59	2 x 2 x 1/4	3.19
1 x 1 x 1/8	.80	2 x 2 x 5/16	3.92
1 x 1 x 3/16	1.16	2 x 2 x 3/8	4.70
1 x 1 x 1/4	1.49	2-1/2 x 1-1/2 x 3/16	2.44
1-1/4 x 1-1/4 x 1/8	1.01	2-1/2 x 1-1/2 x 1/4	3.19
1-1/4 x 1-1/4 x 3/16	1.48	2-1/2 x 1-1/2 x 5/16	3.92
1-1/4 x 1-1/4 x 1/4	1.92	2-1/2 x 2 x 3/16	2.75
1-1/2 x 1-1/2 x 1/8	1.23	2-1/2 x 2 x 1/4	3.62
1-1/2 x 1-1/2 x 3/16	1.80	2-1/2 x 2 x 5/16	4.50
1-1/2 x 1-1/2 x 1/4	2.34	2-1/2 x 2 x 3/8	5.30
1-3/4 x 1-3/4 x 1/8	1.44	2-1/2 x 2 x 1/2 x 1/4	3.07
1-3/4 x 1-3/4 x 3/16	2.12	2-1/2 x 2-1/2 x 1/4	4.10
1-3/4 x 1-3/4 x 1/4	2.77	2-1/2 x 2-1/2 x 5/16	5.00
2 x 1-1/4 x 3/16	1.96	2-1/2 x 2-1/2 x 3/8	5.90
2 x 1-1/4 x 1/4	2.55	2-1/2 x 2-1/2 x 1/2	7.70
2 x 1-1/2 x 1/8	1.44		
2 x 1-1/2 x 3/16	2.12		
2 x 1-1/2 x 1/4	2.77		

CHANNELS			
Size	Wt./Fl.	Size	Wt./Fl.
1 x 3/8 x 1/8	.83	1-3/4 x 1/2 x 3/16	1.55
1 x 1/2 x 1/8	.83	2 x 1/2 x 1/8	1.34
1-1/4 x 1/2 x 1/8	1.01	2 x 9/16 x 3/16	1.76
1-1/2 x 1/2 x 1/8	1.12	2 x 5/8 x 1/4	2.18
1-1/2 x 9/16 x 3/16	1.44	2 x 1 x 1/8	1.78
1-1/2 x 3/4 x 1/8	1.77	2 x 1 x 3/16	2.27
1-1/2 x 1-1/2 x 3/16	2.65	2-1/2 x 5/8 x 3/16	2.27

TEES			
Flange, Inches	Stem, Inches	Thickness	Wt./Fl.
1-1/2	1-1/2	3/16	1.90
1-1/2	1-1/2	1/4	2.43
1-3/4	1-3/4	3/16	2.26
1-3/4	1-3/4	1/4	2.90
2	2	1/4	3.10
2	2	1/4	3.62
2	2	5/16	4.30
2-1/4	2-1/4	1/4	4.10
2-1/2	2-1/2	1/4	4.80
2-1/2	2-1/2	5/16	5.50
2-1/2	2-1/2	3/8	6.40

ROUNDS			
Size in Inches	Wt./Fl.	Size in Inches	Wt./Fl.
3/16	0.094		
1/4	0.167		
5/16	0.261	1-1/8	3.38
3/8	0.376	1-3/16	3.77
7/16	0.511	1-1/4	4.17
1/2	0.688	1-3/8	5.05
9/16	0.845	1-7/16	5.52
5/8	1.04	1-1/2	6.01
11/16	1.26	1-5/8	7.05
3/4	1.50	1-3/4	8.18
13/16	1.76	1-7/8	9.38
7/8	2.04	2	10.68
15/16	2.35	3	24.03

SQUARES			
Size in Inches	Wt./Fl.	Size in Inches	Wt./Fl.
3/8	0.478	1-5/8	8.98
7/16	0.651	1-3/4	10.41
1/2	0.850	1-7/8	11.95
9/16	1.08	2	13.60
5/8	1.33	2-1/4	17.21
11/16	1.61	2-1/2	21.25
3/4	1.91	2-3/4	25.71
7/8	2.60	3	30.60
1	3.40	3-1/4	35.91
1-1/8	4.30	3-1/2	41.65
1-1/4	5.31	3-3/4	47.81
1-3/8	6.43	4	54.40

HOT ROLLED STRIP

FLATS (Cont'd)			
Size	Wt./Fl.	Size	Wt./Fl.
2	2.55	1-3/4	3.72
2-1/4	2.87	2	4.25
2-1/2	3.19	2-1/4	4.78
2-3/4	3.51	2-1/2	5.31
3	3.83	2-3/4	5.84
3-1/4	4.14	3	6.38
3-1/2	4.46	3-1/4	6.91
4	5.10	3-1/2	7.44
4-1/2	5.74	4	8.50
5	6.38	4-1/2	9.56
5-1/2	7.01	5	10.53
6	7.65	5-1/2	11.69
7	8.93	6	12.75
8	10.20	7	14.88
		8	17.00
		9	19.13
		10	21.25
		11	23.38
		12	25.50
		13	27.63
		14	29.75
		15	31.88
		16	34.00

FLATS (Cont'd)			
Size	Wt./Fl.	Size	Wt./Fl.
1-1/8	45.9	3-3/4	153.0
1-3/16	48.45	4	163.2
1-1/4	51.0		

FLOOR PLATE			
Thickness	Wt./Sq. Ft.	Thickness	Wt./Sq. Ft.
16 ga.	3.00	1/4"	11.25
14 ga.	3.75	5/16"	13.80
12 ga.	5.25	3/8"	16.35
18"	6.15	1/2"	21.45
3/16"	8.70		

UNIVERSAL MILL			
Size in Inches	Wt./Fl.	Size in Inches	Wt./Fl.
1/4X10	8.5	1-1/2X10	17.0
11	9.35	1-3/2	20.4
11-1/2	9.775	5/8X10	21.25
12	10.2	1/2	25.5
12-1/2	12.75	14	29.75
13	15.3	3/4X10	25.5
14	17.85	12	30.6
		10X10	34.0
		12	40.8

STRUCTURALS A.S.T.M. A-36			
ANGLES			
Size	Wt./Fl.	Size	Wt./Fl.
3x2x3/16	3.07	5x3-1/2x1/4	7.0
1/4	4.1	5/16	8.7
5/16	5.0	3/8	10.4
3/8	5.9	1/2	13.6
1/2	7.7	5/8	16.8
		3/4	19.8
3x2-1/2x1/4	4.5		
5/16	5.6	5x5x5/16	10.3
3/8	6.6	3/8	12.3
1/2	8.5	1/2	16.2
		3/4	23.6
3x3x3/16	3.71	3-1/2	23.80
1/4	4.9	4	27.20
5/16	6.1	4-1/2	30.60
3/8	7.2	5	34.00
1/2	9.4	3/8	37.40
		1/2	44.8
3-1/2x2-1/2x1/4	4.9		
5/16	6.1	6x4x1/4	15.3
3/8	7.2	5/16	10.3
1/2	9.4	3/8	12.3
		1/2	16.2
3-1/2x3-1/2x1/4	5.4	5/8	20.0
5/16	6.6	3/4	23.6
3/8	7.9	7/8	27.2
1/2	10.2		
		6x6x5/16	12.5
3-1/2x3-1/2x1/4	5.8	3/8	14.9
5/16	7.2	1/2	19.6
3/8	8.5	5/8	24.2
1/2	11.1	3/4	28.7
		7/8	33.1
4x3x1/4	5.8	1	37.4
5/16	7.2		
3/8	8.5	7x4x3/8	13.6
1/2	11.1	1/2	17.9
		5/8	22.1
4x3-1/2x1/4	6.2	8x4x1/2	19.6
5/16	7.7	5/8	24.2
3/8	9.1	3/4	28.7
1/2	11.9	1	37.4
4x4x1/4	6.6	8x6x1/2	23.0
5/16	8.2	5/8	28.5
3/8	9.8	3/4	33.8
1/2	12.8	1	44.2
		5/8	15.7
		3/4	18.5
		8x8x1/2	26.4
		5/8	32.7
		3/4	38.9
		1	51.0

HOT ROLLED STRIP			
Size in Inches	Wt./Fl.	Size in Inches	Wt./Fl.
.125 (1/8)	0.159	1	6.38
3/8	0.213	1-1/8	6.717
1/2	0.265	1-1/4	7.097
5/8	0.319	1-1/2	7.566
7/8	0.372	1-3/4	8.12
1	0.425	2	1.28
1-1/8	0.478	2-1/4	1.43
1-1/4	0.531	2-1/2	1.58
1-1/2	0.583	2-3/4	1.75
1-3/4	0.644	3	1.91
2	0.850	3-1/4	2.07
2-1/4	0.956	3-1/2	2.23
2-1/2	1.06	4	2.55
2-3/4	1.17	4-1/2	2.87
3	1.28	5	3.19
3-1/2	1.49	5-1/2	3.51
4	1.70	6	3.83
4-1/2	1.91		
5	2.13		
5-1/2	2.34		
6	2.55		
		1875 (3/16)	
		3	0.239
		1/2	0.319
		5/8	0.398
		3/4	0.478
		7/8	0.558

PLATES			
Thickness	Wt./Sq. Ft.	Thickness	Wt./Sq. Ft.
3/16"	7.65	1-3/8	56.1
1/4	10.2	1-1/2	61.2
5/16	12.75	1-5/8	66.3
3/8	15.3	1-3/4	71.4
7/16	17.85	2	81.6
1/2	20.4	2-1/4	91.8
5/8	22.95	2-1/2	102.0
3/4	25.5	2-3/4	112.2
7/8	28.05	3	122.4
1	30.6	3-1/4	132.6
7/8	35.7	3-1/2	142.8
1	40.8	3-3/4	

STANDARD CHANNELS (Cont'd)			
Size	Wt./Fl.	Size	Wt./Fl.
25.0	0.387	3.047	
30.0	0.510	3.170	
33.9	0.400	3.400	
40.00	0.520	3.520	
50.00	0.716	3.716	

STRINGER CHANNELS			
Depth of Channel, Inches	Wt./Fl.	Thickness of Web	Flange Width, Inches
8	8.5	0.190	1.875
10	6.5	0.150	1.125
12	10.6	0.170	1.500
		0.190	1.500

I BEAMS			
Depth of Beams, Inches	Wt./Fl.	Thickness of Web	Flange Width
3	5.7	0.170	2.330
4	7.5	0.349	2.509
5	9.5	0.326	2.796
6	12.5	0.210	3.000
7	14.75	0.494	3.284
8	12.5	0.230	3.330
9	17.25	0.465	3.565
10	15.3	0.250	3.660
11	20.0	0.450	3.860
12	18.4	0.270	4.000
13	23.0	0.441	4.171
14	25.4	0.310	4.660
15	35.0	0.594	4.944
16	31.8	0.350	5.000
17	36.0	0.428	5.078
18	40.0	0.460	5.250
19	50.0	0.687	5.477
20	42.9	0.410	5.500
21	50.0	0.550	5.640