SLESNICK

927 WARNER ROAD S.E. • CANTON, OHIO 44707

STEEL
STAINLESS STEEL
ALUMINUM

SLESNICK

STEEL

- ANGLES
- CHANNELS
- BEAMS
- PLATE • SHEET
- FLATS • ROUNDS
- SQUARE TUBING
- PIPE • REBAR
- COLD ROLL ROUNDS
- GRATING
- EXPANDED METAL
- FLOOR PLATE

ALUMINUM

- ANGLES • SHEETS
- PLATES

- PRODUCTION SAWING
- NOTCHING
- PLATE BURNING
- PUNCHING
- 3/8 x 10 FT PLATE SHEARING

PROMPT DELIVERY

NEW & USED STEEL
453-8475 OR 1-800-284-0688

SLESNICK STRUCTURAL STEEL SERVICE CENTER • 927 WARNER RD, SE
MON – FRI 8-4:30 • SAT 8-11:30

CALL

330-453-8475

or

1-800-284-0688

PROMPT DELIVERY

Hot Rolled Sheets

Sheet weights are computed on the basis of ordered thickness at 4.182 pounds per square foot per inch thick.

Gage No.	Thickness In.		Lbs. Sq. In.		Gage No.	Thickness In.		Lbs. Sq. In.	
	Doc. Equiv.	Order Limits	Wght. Equiv.	Order Limits		Doc. Equiv.	Order Limits	Wght. Equiv.	Order Limits
					16	.059	.0635 .0568	2.5	2.656 2.375
2	*	.2499 .2466	*	10.451 10.313	17	.0538	.0567 .0509	2.25	2.374 2.125
3	.2391	.2465 .2317	10	10.312 9.686	18	.0478	.0508 .0449	2	2.124 1.875
4	.2242	.2316 .2168	9.375	9.687 9.063	19	.0418	.0448 .0368	1.75	1.874 1.625
5	.2092	.2167 .2018	8.75	9.062 8.438	20	.0359	.0388 .0344	1.5	1.624 1.438
6	.1943	.2017 .1869	8.125	8.437 7.813	21	.0329	.0343 .0314	1.375	1.437 1.313
7	.1793	.1868 .1719	7.5	7.812 7.188	22	.0299	.0313 .0284	1.25	1.312 1.188
8	.1644	.1718 .1570	6.875	7.187 6.563	23	.0269	.0283 .0255	1.125	1.187 1.063
9	.1495	.1569 .1420	6.25	6.562 .5.938	24	.0239	.0254 .0225	1	1.062 .938
10	.1345	.1419 .1271	5.625	5.937 5.313	25	.0209	.0224 .0195	.875	.937 .813
11	.1196	.1270 .1121	5	5.312 4.688	26	.0179	.0194 .0172	.75	.812 .719
12	.1046	.1120 .0972	4.375	4.687 4.063	27	.0164	.0171 .0157	.688	.718 .657
13	.0897	.0971 .0822	3.75	4.062 3.438	28	.0149	.0156 .0142	.625	.656 .594
14	.0747	.0821 .0710	3.125	3.437 2.969	29	.0135	.0141 .0128	.562	.593 .532
15	.0673	.0709 .0636	2.812	2.968 2.657	30	.0120	.0127 .0113	.5	.531 .469

*Heavier and thicker than these are classed as plates.

STEEL PLATE

Thickness in Inches	Weight Per Sq. Ft.	Thickness in Inches	Weight Per Sq. Ft.
3/16	7.66	2-1/2	102.10
1/4	10.21	2-3/4	112.31
5/16	12.76	3	122.52
3/8	15.32	3-1/4	132.73
7/16	17.87	3-1/2	142.93
1/2	20.42	3-3/4	153.15
9/16	22.97	4	163.35
5/8	25.52	4-1/4	173.56
3/4	30.63	4-1/2	183.77
7/8	35.73	5	204.19
1	40.84	5-1/2	224.16
1-1/8	45.94	6	245.03
1-1/4	51.05	6-1/2	265.45
1-3/8	56.15	7	285.87
1-1/2	61.26	7-1/2	306.29
1-5/8	66.36	8	326.71
1-3/4	71.47	8-1/2	347.13
2	81.68	9	367.55
2-1/4	91.89	10	408.38

FLOOR PLATES

Thickness Inches	Theoretical Weight(lbs.) Per Sq. Ft.	Thickness Inches	Theoretical Weight (lbs.) Per Sq. Ft.
14 Ga.	3.75	3/8	16.37
12 Ga.	5.25	7/16	18.92
1/8	6.16	1/2	21.47
3/16	8.71	9/16	24.02
1/4	11.26	5/8	26.58
5/16	13.81	3/4	31.68

DECIMAL EQUIVALENTS

1/64	.015625	33/64	.515625
1/32	.03125	17/32	.53125
3/64	.046875	35/64	.546875
1/16	.0625	9/16	.5625
5/64	.078125	37/64	.578125
3/32	.09375	19/32	.59375
7/64	.109375	39/64	.609375
1/8	.125	5/8	.625
9/64	.140625	41/64	.640625
5/32	.15625	21/32	.65625
11/64	.171875	43/64	.671875
3/16	.1875	11/16	.6875
13/64	.203125	45/64	.703125
7/32	.21875	23/32	.71875
15/64	.234375	47/64	.734375
1/4	.25	3/4	.75
17/64	.265625	49/64	.765625
9/32	.28125	25/32	.78125
19/64	.296875	51/64	.796875
5/16	.3125	13/16	.8125
21/64	.328125	53/64	.828125
11/32	.34375	27/32	.84375
23/64	.359375	55/64	.859375
3/8	.375	7/8	.875
25/64	.390625	57/64	.890625
13/32	.40625	29/32	.90625
27/64	.421875	59/64	.921875
7/16	.4375	15/16	.9375
29/64	.453125	61/64	.953125
15/32	.46875	31/32	.96875
31/64	.484375	63/64	.984375
1/2	.5	1	1.

SQUARE TUBING

Lengths — 20, 24 & 40 Ft.

Size & Wall	Weight Per Foot
1/2 x 1/2 x 16 Ga.	.38
3/4 x 3/4 16 Ga.	.61
15 Ga.	.68
14 Ga.	.75
1/8	1.03
1 x 1 x 16 Ga.	.83
15 Ga.	.91
14 Ga.	1.04
13 Ga.	1.17
12 Ga.	1.32
1/8	1.44
1 1/4 x 1 1/4 x 16 Ga.	1.05
15 Ga.	1.18
14 Ga.	1.32
13 Ga.	1.49
12 Ga.	1.69
1/8	1.84
3/16	2.62
1 1/2 x 1 1/2 x 16 Ga.	1.27
15 Ga.	1.43
14 Ga.	1.60
13 Ga.	1.82
12 Ga.	2.06
1/8	2.25
3/16	3.35
1/4	4.11
1 3/4 x 1 3/4 x 16 Ga.	1.49
15 Ga.	1.69
14 Ga.	1.88
13 Ga.	2.14
12 Ga.	2.43
1/8	2.66
3/16	3.99
2 x 2 x 16 Ga.	1.71
15 Ga.	1.84
14 Ga.	2.10
13 Ga.	2.38
12 Ga.	2.803
1/8	3.05
3/16	4.32
1/4	5.41

Size & Wall	Weight Per Foot
2 1/2 x 2 1/2 x 16 Ga.	2.12
15 Ga.	2.33
14 Ga.	2.67
13 Ga.	3.03
12 Ga.	3.44
1/8	3.90
3/16	5.59
1/4	7.11
3 x 3 x 14 Ga.	3.23
13 Ga.	3.67
12 Ga.	4.18
1/8	4.75
3/16	6.87
1/4	8.80
3 1/2 x 3 1/2 x 14 Ga.	3.80
13 Ga.	4.32
12 Ga.	4.92
1/8	5.61
3/16	8.15
1/4	10.51
5/16	12.70
4 x 4 x 14 Ga.	4.42
13 Ga.	4.96
12 Ga.	5.67
1/8	6.46
3/16	9.42
1/4	12.21
5/16	14.83
3/8	17.27
1/2	21.63
5 x 5 x 3/16	11.97
1/4	15.62
5/16	19.08
3/8	22.37
1/2	28.43
5 1/2 x 5 1/2 x 3/16	13.25
1/4	17.32
5/16	21.21
3/8	24.93
6 x 6 x 3/16	14.53
1/4	19.02
5/16	23.34
3/8	27.48
1/2	35.24

RECTANGULAR TUBING

Lengths — 20, 24 & 40 Ft.

Size & Wall	Weight Per Foot
2 x 1 x 13 Ga.	1.82
12 Ga.	2.06
1/8	2.25
2 x 1 1/2 x 16 Ga.	1.49
15 Ga.	1.69
14 Ga.	1.88
13 Ga.	2.14
12 Ga.	2.43
1/8	2.66
2 1/2 x 1 1/2 x 16 Ga.	1.71
15 Ga.	1.84
14 Ga.	2.10
13 Ga.	2.38
12 Ga.	2.70
1/8	3.05
3/16	4.32
1/4	5.40
3 x 1 x 16 Ga.	1.71
15 Ga.	1.84
14 Ga.	2.10
13 Ga.	2.38
12 Ga.	2.70
1/8	3.05
3/16	4.32
1/4	5.40
3 x 1 1/2 x 16 Ga.	1.90
15 Ga.	2.09
14 Ga.	2.38
13 Ga.	2.70
12 Ga.	3.07
1/8	3.48
3/16	4.95
1/4	6.25
3 x 2 x 16 Ga.	2.12
15 Ga.	2.33
14 Ga.	2.67
13 Ga.	3.03
12 Ga.	3.44
1/8	3.90
3/16	5.59
1/4	7.11
4 x 2 x 14 Ga.	3.23
13 Ga.	3.67

Size & Wall	Weight Per Foot
4 x 2 x 12 Ga.	4.18
1/8	4.75
3/16	6.87
1/4	8.81
4 x 3 x 14 Ga.	3.80
13 Ga.	4.32
12 Ga.	4.92
1/8	5.61
3/16	8.15
1/4	10.51
5 x 2 x 1/8	5.61
3/16	8.15
1/4	10.51
5/16	12.70
5 x 3 x 14 Ga.	4.36
13 Ga.	4.96
12 Ga.	5.67
1/8	6.46
3/16	9.42
1/4	12.21
5/16	14.83
3/8	17.27
6 x 2 x 14 Ga.	4.36
13 Ga.	4.96
12 Ga.	5.67
1/8	6.46
3/16	9.42
1/4	12.21
5/16	14.83
3/8	17.27
6 x 3 x 1/8	7.31
3/16	10.70
1/4	13.91
5/16	16.96
3/8	19.82
1/2	24.28
6 x 4 x 1/8	8.16
3/16	11.97
1/4	15.62
5/16	19.08
3/8	22.37
1/2	28.43

SQUARE BARS

3/4	.213 lb.
5/16	.332 lb.
3/8	.478 lb.
7/16	.651 lb.
1/2	.850 lb.
9/16	1.08 lbs.
5/8	1.33 lbs.
3/4	1.91 lbs.
7/8	2.60 lbs.
1	3.40 lbs.
1-1/4	5.31 lbs.
1-1/2	7.65 lbs.
1-3/4	10.41 lbs.
2	13.60 lbs.

NOTES

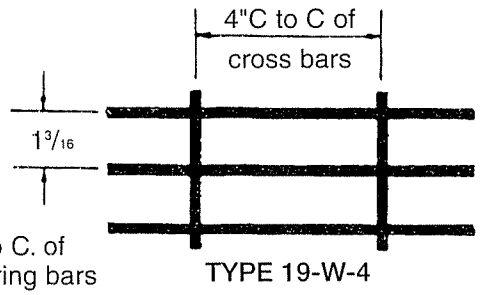
RE ROD

Bar No.	Bar Size In Inches
2	1/4 rd.
3	3/8 rd.
4	1/2 rd.
5	5/8 rd.
6	3/4 rd.
7	7/8 rd.
8	1 rd.
9	1 1/8 rd.
10	1 1/4 rd.

CHANNELS - STRUCTURAL

Depth of Channel Inches	Wt. per Ft. Lbs.	Thickness of Web	Width Flange Inches	Depth of Channel Inches	Wt. per Ft. Lbs.	Thickness of Web	Width Flange Inches
3	4.1	0.170	1.410	9	13.4	0.233	2.433
	5.0	0.258	1.498		15.0	0.285	2.485
	6.0	0.356	1.596		20.0	0.448	2.648
4	5.4	0.184	1.584	10	15.3	0.240	2.600
	7.25	0.321	1.721		20.0	0.379	2.739
5	6.7	0.190	1.750		25.0	0.526	2.886
	9.0	0.325	1.885		30.0	0.673	3.033
6	8.2	0.200	1.920	12	20.7	0.282	2.942
	10.5	0.314	2.034		25.0	0.387	3.047
	13.0	0.437	2.157		30.0	0.510	3.170
7	9.8	0.210	2.090	15	33.9	0.400	3.400
	12.25	0.314	2.194		40.0	0.520	3.520
	14.75	0.419	2.299		50.0	0.716	3.716
8	11.5	0.220	2.260				
	13.75	0.303	2.343				
	18.75	0.487	2.527				

BAR GRATING



STRIP

Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot
1/8 x 3/8	.159	1/8 x 2	.850	3/16 x 5/8	.398	3/16 x 2-3/4	1.753
1/8 x 1/2	.213	1/8 x 2-1/4	.956	3/16 x 3/4	.478	3/16 x 3	1.913
1/8 x 5/8	.266	1/8 x 2-1/2	1.063	3/16 x 7/8	.558	3/16 x 3-1/2	2.231
1/8 x 3/4	.319	1/8 x 2-3/4	1.170	3/16 x 1	.638	3/16 x 4	2.550
1/8 x 7/8	.372	1/8 x 3	1.280	3/16 x 1-1/4	.797	3/16 x 4-1/2	2.870
1/8 x 1	.425	1/8 x 3-1/2	1.490	3/16 x 1-1/2	.956	3/16 x 5	3.190
1/8 x 1-1/8	.478	1/8 x 4	1.700	3/16 x 1-3/4	1.120	3/16 x 5-1/2	3.510
1/8 x 1-1/4	.531	1/8 x 5	2.130	3/16 x 2	1.280	3/16 x 6	3.830
1/8 x 1-1/2	.638	1/8 x 6	2.550	3/16 x 2-1/4	1.434	3/16 x 8	5.100
1/8 x 1-3/4	.744	3/16 x 1/2	.319	3/16 x 2-1/2	1.594		

PIPE

Nom. Size (in.)	Schedule	Wt. Per Ft.	Wall Thickness	Size O.D.	Size I.D.
1/8	40	.24	.068	.405	.269
1/4	40	.42	.088	.540	.364
	80	.54	.119		.302
3/8	40	.57	.091	.675	.493
	80	.74	.126		.423
1/2	40	.85	.109	.840	.622
	80	1.09	.147		.546
3/4	40	1.13	.113	1.050	.824
	80	1.47	.154		.742
1	40	1.68	.133	1.315	1.049
	80	2.17	.179		.957
1-1/4	40	2.27	.140	1.660	1.380
	80	3.00	.191		1.278
1-1/2	40	2.72	.145	1.900	1.610
	80	3.63	.200		1.500
2	40	3.65	.154	2.375	2.067
	80	5.02	.218		1.939
2-1/2	40	5.79	.203	2.875	2.469
	80	7.66	.276		2.323
3	40	7.58	.216	3.500	3.068
	80	10.25	.300		2.900
3-1/2	40	9.11	.226	4.000	3.548
	80	12.51	.318		3.364
4	40	10.79	.237	4.500	4.026
	80	14.98	.337		3.826
5	40	14.62	.258	5.563	5.047
	80	20.78	.375		4.813
6	40	18.97	.280	6.625	6.065
	80	28.57	.432		5.761
8	40	28.55	.322	8.625	7.981
	80	43.39	.500		7.625
10	40	40.48	.365	10.750	10.020
	80	64.43	.594		9.562
12	40	53.52	.406	12.750	11.938
	80	88.63	.688		11.374
14	40	63.44	.438	14.000	13.124
	80	106.13	.750		12.500

FLATS

Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot
1/4 x 1/2	.425	3/8 x 1-1/4	1.594	5/8 x 2-1/2	5.313	1 x 1-1/4	4.250
1/4 x 5/8	.531	3/8 x 1-1/2	1.913	5/8 x 2-3/4	5.844	1 x 1-1/2	5.100
1/4 x 3/4	.638	3/8 x 1-3/4	2.231	5/8 x 3	6.380	1 x 1-3/4	5.950
1/4 x 7/8	.744	3/8 x 2	2.550	5/8 x 3-1/2	7.440	1 x 2	6.800
1/4 x 1	.850	3/8 x 2-1/4	2.870	5/8 x 4	8.500	1 x 2-1/4	7.650
1/4 x 1-1/4	1.063	3/8 x 2-1/2	3.190	5/8 x 4-1/2	9.563	1 x 2-1/2	8.500
1/4 x 1-1/2	1.280	3/8 x 2-3/4	3.510	5/8 x 5	10.630	1 x 2-3/4	9.350
1/4 x 1-3/4	1.490	3/8 x 3	3.830	5/8 x 6	12.750	1 x 3	10.200
1/4 x 2	1.700	3/8 x 3-1/2	4.463	3/4 x 1	2.550	1 x 3-1/2	11.900
1/4 x 2-1/4	1.913	3/8 x 4	5.100	3/4 x 1-1/4	3.190	1 x 4	13.600
1/4 x 2-1/2	2.130	3/8 x 4-1/2	5.740	3/4 x 1-1/2	3.830	1 x 4-1/2	15.300
1/4 x 2-3/4	2.340	3/8 x 5	6.380	3/4 x 1-3/4	4.463	1 x 5	17.000
1/4 x 3	2.550	3/8 x 5-1/2	7.013	3/4 x 2	5.100	1 x 6	20.400
1/4 x 3-1/2	2.980	3/8 x 6	7.650	3/4 x 2-1/4	5.740	1-1/4 x 2	8.500
1/4 x 4	3.400	1/2 x 3/4	1.280	3/4 x 2-1/2	6.380	1-1/4 x 2-1/2	10.630
1/4 x 4-1/2	3.830	1/2 x 1	1.700	3/4 x 2-3/4	7.013	1-1/4 x 3	12.750
1/4 x 5	4.250	1/2 x 1-1/4	2.130	3/4 x 3	7.650	1-1/4 x 3-1/2	14.880
1/4 x 6	5.100	1/2 x 1-1/2	2.550	3/4 x 3-1/4	8.290	1-1/4 x 4	17.000
5/16 x 3/4	.797	1/2 x 1-3/4	2.980	3/4 x 3-1/2	8.930	1-1/4 x 4-1/2	19.130
5/16 x 1	1.063	1/2 x 2	3.400	3/4 x 4	10.200	1-1/4 x 5	21.250
5/16 x 1-1/4	1.330	1/2 x 2-1/4	3.830	3/4 x 4-1/2	11.480	1-1/4 x 6	25.500
5/16 x 1-1/2	1.594	1/2 x 2-1/2	4.250	3/4 x 5	12.750	1-1/2 x 2	10.200
5/16 x 1-3/4	1.860	1/2 x 2-3/4	4.680	3/4 x 6	15.300	1-1/2 x 2-1/2	12.750
5/16 x 2	2.130	1/2 x 3	5.100	7/8 x 1	2.980	1-1/2 x 3	15.300
5/16 x 2-1/4	2.391	1/2 x 3-1/2	5.950	7/8 x 1-1/2	4.463		
5/16 x 2-1/2	2.660	1/2 x 4	6.800	7/8 x 1-3/4	5.210		
5/16 x 3	3.190	1/2 x 4-1/2	7.650	7/8 x 2	5.950		
5/16 x 3-1/2	3.720	1/2 x 5	8.500	7/8 x 2-1/4	6.694		
5/16 x 4	4.250	1/2 x 6	10.200	7/8 x 2-1/2	7.440		
5/16 x 5	5.313	5/8 x 1	2.130	7/8 x 3	8.930		
5/16 x 6	6.380	5/8 x 1-1/4	2.660	7/8 x 3-1/2	10.413		
3/8 x 1/2	.638	5/8 x 1-1/2	3.190	7/8 x 4	11.900		
3/8 x 5/8	.797	5/8 x 1-3/4	3.720	7/8 x 4-1/2	13.390		
3/8 x 3/4	.956	5/8 x 2	4.250	7/8 x 5	14.880		
3/8 x 1	1.280	5/8 x 2-1/4	4.780	7/8 x 6	17.850		

COLD FINISHED ROUNDS

Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot	Size in Inches	Weight per Foot
1/8	0.042	7/8	2.044	2-1/8	12.06	3-3/4	37.55
3/16	0.094	1	2.670	2-1/4	13.52	4	42.73
1/4	0.167	1-1/8	3.380	2-3/8	15.06	4-1/4	48.23
5/16	0.261	1-1/4	4.173	2-1/2	16.69	4-1/2	54.08
3/8	0.376	1-3/8	5.05	2-5/8	18.40	4-3/4	60.25
7/16	0.511	1-1/2	6.01	2-3/4	20.19	5	66.76
1/2	0.668	1-5/8	7.051	2-7/8	22.07	5-1/4	73.60
9/16	0.845	1-3/4	8.18	3	24.03	5-1/2	80.78
5/8	1.043	1-7/8	9.39	3-1/4	28.21	5-3/4	88.29
3/4	1.502	2	10.68	3-1/2	32.71	6	96.13

Aluminum Structural Shapes

STAINLESS

STOCK & AVAILABLE ITEMS

CALL FOR ITEMS NOT LISTED

CANTON 453-8475
1-800-284-0688
FAX 330-489-6685
WWW.SLESNICKSTEEL.COM

- STAINLESS TUBE
- STAINLESS PIPE
- BRASS

STAINLESS FLAT BARS

(Edge Conditioned)

Stock Lengths - 12 ft. Random

Size	Wt. Per Ft.
1/8 x 1/2	.213
3/4	.319
1	.425
1-1/4	.531
1-1/2	.638
2	.850
2-1/2	1.063
3	1.275
4	1.700
3/16 x 1/2	.320
3/4	.478
1	.638
1-1/4	.893
1-1/2	1.071
1-3/4	1.250
2	1.428
2-1/2	1.785
3	2.142
4	2.856
1/4 x 1/2	.430
3/4	.650
1	.930
1-1/4	1.163
1-1/2	1.395
1-3/4	1.628
2	1.860
2-1/2	2.325
3	2.790
4	3.720
6	5.580
3/8 x 1	1.374
1-1/4	1.720
1-1/2	2.060
2	2.750

STAINLESS ROUNDS

12 ft. Random Lengths

Size in Inches	Est. Wt. Per Ft. In Lbs.
1/8	.042
3/16	.094
1/4	.167
5/16	.261
3/8	.376
7/16	.511
1/2	.668
9/16	.845
5/8	1.043
3/4	1.502
7/8	2.045
1	2.670
1-1/8	3.380
1-3/16	3.766
1-1/4	4.172
1-3/8	5.049
1-7/16	5.518
1-1/2	6.008
1-5/8	7.051
1-11/16	7.604
1-3/4	8.178
1/15/16	10.02
2	10.68
2-1/8	12.06
2-3/16	12.79
2-1/4	13.52
2-7/16	15.87
2-1/2	16.69
2-9/16	17.54
2-5/8	18.40
2-11/16	19.29
2-15/16	23.04
3	24.03
3-1/8	26.08
3-1/4	28.21
3-1/2	32.71
4	42.73
5	66.76
6	96.13

STAINLESS SHEETS

Gauge/ Decimal In Inches	Est. Wt. Per Sq. Ft. In Lbs.
24 Ga .0235	1.008
22 Ga .0293	1.2600
20 Ga .0355	1.4906
18 Ga .048	2.0155
16 Ga .0595	2.4984
14 Ga .075	3.1493
12 Ga .105	4.4090
11 Ga .120	5.0388
10 Ga .135	5.6728

STAINLESS PLATES

Thickness In Inches	Wt. Per Sq. Ft.
3/16	8.579
1/4	11.162
5/16	13.746
3/8	16.496
1/2	21.663
5/8	26.831
3/4	32.123
1	42.665
1-1/4	52.992
1-1/2	63.312
2	84.01
2-1/2	105.1
3	126.3

STAINLESS ANGLES

Stock Lengths - 20-24 ft. Random

Size	Wt. Per Ft.
3/4 x 3/4 x 1/8	.590
1 x 1 x 1/8	.800
3/16	1.160
1/4	1.490
1-1/4 x 1-1/4 x 1/8	1.010
3/16	1.480
1/4	1.920
1-1/2 x 1-1/2 x 1/8	1.230
3/16	1.800
1/4	2.340
2 x 2 x 1/8	1.650
3/16	2.440
1/4	3.190
3/8	4.700
2-1/2 x 2-1/2 x 3/16	3.070
1/4	4.100
3/8	5.900
3 x 3 x 1/4	4.900
3/8	7.200
4 x 4 x 1/4	6.600
3/8	7.200

PROCESSING SERVICES

- Cutting to Length
- Punching, Drilling
- Plasma Cutting
- Saw Cutting
- Shearing

—PROMPT DELIVERY—

ALUMINUM

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- STAINLESS TUBE
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- BRASS

ALUMINUM SQUARE TUBING
.500" to 8"

ALUMINUM RECTANGULAR TUBING
.500" to 8"

ALUMINUM ROUND TUBING
.500" to 8"

ALUMINUM PIPE
.500" to 8"

ALUMINUM ANGLES
.500" to 8"

ALUMINUM RECTANGULAR BAR
Thicknesses: .125" to 3"
Widths: .500" to 14"

ALUMINUM SQUARE BAR
.250" to 5"

ALUMINUM ROUND ROD
.125" to 12" diameter

ALUMINUM CHANNELS
.500" to 15"

ALUMINUM BEAMS
3" to 12"

ALUMINUM TEES
.750" to 4"

ALUMINUM SHEET

Thickness in Inches	
.020	(.285 lbs/sq ft)
.025	(.356 lbs/sq ft)
.032	(.456 lbs/sq ft)
.040	(.570 lbs/sq ft)
.050	(.713 lbs/sq ft)
.063	(.898 lbs/sq ft)
.080	(1.14 lbs/sq ft)
.090	(1.28 lbs/sq ft)
.100	(1.43 lbs/sq ft)
.125	(1.78 lbs/sq ft)
.190	(2.71 lbs/sq ft)

ALUMINUM PLATE

Thickness in Inches	
.250	(3.53 lbs/sq ft)
.313	(4.41 lbs/sq ft)
.375	(5.29 lbs/sq ft)
.500	(7.06 lbs/sq ft)
.625	(8.82 lbs/sq ft)
.750	(10.58 lbs/sq ft)
1.000	(14.11 lbs/sq ft)
1.250	(17.64 lbs/sq ft)
1.500	(21.16 lbs/sq ft)
2.000	(28.22 lbs/sq ft)

TREAD PLATE

6061 Tread Place is: skid resistant, resistant to atmospheric corrosion, non-sparking, non-magnetic. Available in alloys 3003 bright finish and 5086.

Thickness in Inches	
.100	(1.6 lbs/sq ft)
.125	(1.9 lbs/sq ft)
.188	(2.8 lbs/sq ft)
.250	(3.7 lbs/sq ft)
.375	(5.43 lbs/sq ft)
.500	(7.80 lbs/sq ft)

— PROMPT DELIVERY —

ANGLES - BAR SIZES

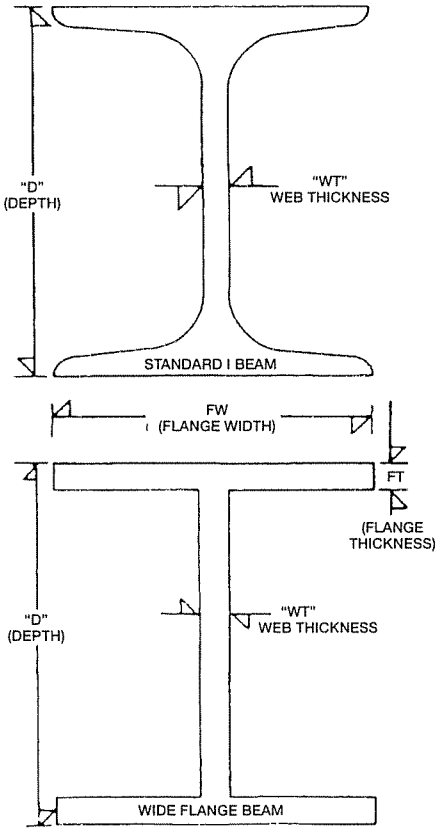
Size in Inches	Weight per Foot Lbs.	Size in Inches	Weight per Foot Lbs.	Size in Inches	Weight per Foot Lbs.
1/2 x 1/2 x 1/8	.38	1-1/2 x 1-1/4 x 3/16	1.64	2 x 2 x 1/8	1.65
5/8 x 5/8 x 1/8	.48	1-1/2 x 1-1/2 x 1/8	1.23	2 x 2 x 3/16	2.44
3/4 x 3/4 x 1/8	.59	1-1/2 x 1-1/2 x 3/16	1.80	2 x 2 x 1/4	3.19
7/8 x 7/8 x 1/8	.70	1-1/2 x 1-1/2 x 1/4	2.34	2 x 2 x 5/16	3.92
1 x 5/8 x 1/8	.64	1-3/4 x 1-1/4 x 1/8	1.23	2 x 2 x 3/8	4.70
1 x 3/4 x 1/8	.70	1-3/4 x 1-1/4 x 3/16	1.80	2-1/2 x 1-1/2 x 3/16	2.44
1 x 1 x 1/8	.80	1-3/4 x 1-1/4 x 1/4	2.34	2-1/2 x 1-1/2 x 1/4	3.19
1 x 1 x 3/16	1.16	1-3/4 x 1-3/4 x 1/8	1.44	2-1/2 x 2 x 3/16	2.75
1 x 1 x 1/4	1.49	1-3/4 x 1-3/4 x 3/16	2.12	2-1/2 x 2 x 1/4	3.62
1-1/8 x 1-1/8 x 1/8	.90	1-3/4 x 1-3/4 x 1/4	2.77	2-1/2 x 2 x 5/16	4.50
1-1/4 x 1-1/4 x 1/8	1.01	2 x 1-1/4 x 3/16	1.96	2-1/2 x 2 x 3/8	5.30
1-1/4 x 1-1/4 x 3/16	1.48	2 x 1-1/4 x 1/4	2.55	2-1/2 x 2-1/2 x 3/16	3.07
1-1/4 x 1-1/4 x 1/4	1.92	2 x 1-1/2 x 1/8	1.44	2-1/2 x 2-1/2 x 1/4	4.10
1-3/8 x 7/8 x 1/8	.91	2 x 1-1/2 x 3/16	2.12	2-1/2 x 2-1/2 x 5/16	5.00
1-3/8 x 7/8 x 3/16	1.32	2 x 1-1/2 x 1/4	2.77	2-1/2 x 2-1/2 x 3/8	5.90
				2-1/2 x 2-1/2 x 1/2	7.70

STRUCTURAL I BEAMS

Size in Inches	Wt. per Ft. Lbs.	Thickness of Web	Width Flange Inches	Size in Inches	Wt. per Ft. Lbs.	Thickness of Web	Width Flange Inches
3	5.7	0.170	2.330	12	31.8	0.350	5.000
	7.5	0.349	2.509		35.0	0.428	5.078
4	7.7	0.193	2.663		40.8	0.462	5,252
	9.5	0.326	2.796		50.0	0.687	5.477
5	10.0	0.214	3.004	15	42.9	0.411	5.501
	14.75	0.494	3.284		50.0	0.550	5.640
6	12.5	0.232	3.332	18	54.7	0.461	6.001
	17.25	0.465	3.565		70.0	0.711	6.251
7	15.3	0.252	3.662	20	66.0	0.505	6.255
	20.0	0.450	3.860		75.0	0.635	6.385
8	18.4	0.271	4.000	24	80.0	0.500	7.000
	23.0	0.441	4.171		90.0	0.625	7.125
10	25.4	0.311	4.660		100.0	0.745	7.245
	35.0	0.594	4.944		106.0	0.620	7.870

STRUCTURAL WIDE FLANGE BEAMS

Section & Size in Inches	Wt. per Ft. Lbs.	Depth of Section	Width of Flange	Thickness of Web	Section & Size in Inches	Wt. per Ft. Lbs.	Depth of Section	Width of Flange	Thickness Web
4x4	13.0	4.16	4.060	.280	12x8	40.0	11.94	8.005	.295
5x5	16.0	5.01	5.000	.240		45.0	12.06	8.045	.335
	19.0	5.15	5.030	.270		50.0	12.19	8.080	.370
6x4	9.0	5.90	3.940	.170	12x10	53.0	12.06	9.995	.345
	12.0	6.03	4.000	.230		58.0	12.19	10.01	.360
	16.0	6.28	4.030	.260	12x12	65.0	12.12	12.00	.390
6x6	15.0	5.99	5.990	.230		72.0	12.25	12.04	.430
	20.0	6.20	6.020	.260	14x5	22.0	13.74	5.000	.230
	25.0	6.38	6.080	.320		26.0	13.91	5.025	.255
8x4	10.0	7.89	3.940	.170	14x6¼	30.0	13.84	6.730	.270
	13.0	7.99	4.000	.230		34.0	13.98	6.745	.285
	15.0	8.11	4.015	.245		38.0	14.10	6.770	.310
8x5¼	18.0	8.14	5.250	.230	16x5½	26.0	15.69	5.500	.250
	21.0	8.28	5.270	.250		31.0	15.88	5.525	.275
8x6½	24.0	7.93	6.495	.245	16x7	36.0	15.86	6.985	.295
	28.0	8.06	6.535	.285		40.0	16.01	6.995	.305
8x8	31.0	8.00	7.995	.285		45.0	16.13	7.035	.345
	35.0	8.12	8.020	.310		50.0	16.26	7.070	.380
	40.0	8.25	8.070	.360	18x6	35.0	17.70	6.000	.300
	48.0	8.50	8.110	.400		40.0	17.90	6.015	.315
	58.0	8.75	8.220	.510		46.0	18.06	6.060	.360
10x4	12.0	9.87	3.960	.190	18x7½	50.0	17.99	7.495	.355
	15.0	9.99	4.000	.230		55.0	18.11	7.530	.300
	17.0	10.11	4.010	.240		60.0	18.24	7.555	.415
	19.0	10.24	4.020	.250	21x6½	44.0	20.66	6.500	.350
10x5¾	22.0	10.17	5.750	.240		50.0	20.83	6.530	.380
	26.0	10.33	5.770	.260		57.0	21.06	6.555	.405
	30.0	10.47	5.810	.300	21x8¼	62.0	20.99	8.240	.400
10x8	33.0	9.73	7.960	.290		68.0	21.13	8.270	.430
	39.0	9.92	7.985	.315		73.0	21.24	8.295	.455
	45.0	10.10	8.020	.350	24x7	55.0	23.57	7.005	.395
10x10	49.0	9.98	10.00	.340		67.0	23.74	7.040	.430
	54.0	10.09	10.03	.370	24x9	68.0	23.73	8.965	.415
12x4	14.0	11.91	3.970	.200		71.0	23.92	8.990	.440
	16.0	11.99	3.990	.220		84.0	24.10	9.020	.470
	19.0	12.16	4.005	.235		94.0	24.31	9.065	.515
	22.0	12.31	4.030	.260	27x10	84.0	26.71	9.960	.460
12x6½	26.0	12.22	6.490	.230		94.0	26.92	9.990	.490
	30.0	12.34	6.520	.260	30x10½	99.0	29.65	10.45	.520
	35.0	12.50	6.560	.300		108.0	29.83	10.48	.545

ANGLES - STRUCTURAL

Size In Inches	Weight per Ft., Lbs.	Size In Inches	Weight per Ft., Lbs.
3 x 2 x 3/16	3.1	5 x 3 x 1/4	6.6
3 x 2 x 1/4	4.1	5 x 3 x 5/16	8.2
3 x 2 x 5/16	5.0	5 x 3 x 3/8	9.8
3 x 2 x 3/8	5.9	5 x 3 x 1/2	12.8
3 x 2 x 1/2	7.7	5 x 3-1/2 x 1/4	7.0
3 x 2-1/2 x 1/4	4.5	5 x 3-1/2 x 5/16	8.7
3 x 2-1/2 x 5/16	5.6	5 x 3-1/2 x 3/8	10.4
3 x 2-1/2 x 3/8	6.6	5 x 3-1/2 x 1/2	15.6
3 x 2-1/2 x 1/2	8.5	5 x 3-1/2 x 5/8	16.8
3 x 3 x 3/16	3.71	5 x 3-1/2 x 3/4	19.8
3 x 3 x 1/4	4.9	5 x 5 x 5/16	10.3
3 x 3 x 5/16	6.1	5 x 5 x 3/8	12.3
3 x 3 x 3/8	7.2	5 x 5 x 1/2	16.2
3 x 3 x 7/16	8.3	5 x 5 x 5/8	20.0
3 x 3 x 1/2	9.4	5 x 5 x 3/4	23.6
3-1/2 x 2-1/2 x 1/4	4.9	6 x 3-1/2 x 1/4	7.9
3-1/2 x 2-1/2 x 5/16	6.1	6 x 3-1/2 x 5/16	9.8
3-1/2 x 2-1/2 x 3/8	7.2	6 x 3-1/2 x 3/8	11.7
3-1/2 x 2-1/2 x 1/2	9.4	6 x 3-1/2 x 1/2	15.3
3-1/2 x 3 x 1/4	5.4	6 x 4 x 5/16	10.3
3-1/2 x 3 x 5/16	6.6	6 x 4 x 3/8	12.3
3-1/2 x 3 x 3/8	7.9	6 x 4 x 1/2	16.2
3-1/2 x 3 x 1/2	10.2	6 x 4 x 5/8	20.0
3-1/2 x 3-1/2 x 1/4	5.8	6 x 4 x 3/4	23.6
3-1/2 x 3-1/2 x 5/16	7.2	6 x 4 x 7/8	27.2
3-1/2 x 3-1/2 x 3/8	8.5	6 x 6 x 3/8	14.9
3-1/2 x 3-1/2 x 7/16	9.8	6 x 6 x 7/16	17.2
3-1/2 x 3-1/2 x 1/2	11.1	6 x 6 x 1/2	19.6
4 x 3 x 1/4	5.8	6 x 6 x 5/8	24.2
4 x 3 x 5/16	7.2	6 x 6 x 3/4	28.7
4 x 3 x 3/8	8.5	6 x 6 x 7/8	33.1
4 x 3 x 7/16	9.8	6 x 6 x 1	37.4
4 x 3 x 1/2	11.1	7 x 4 x 3/8	13.6
4 x 3 x 5/8	13.6	7 x 4 x 1/2	17.9
4 x 3-1/2 x 1/4	6.2	7 x 4 x 5/8	22.1
4 x 3-1/2 x 5/16	7.7	7 x 4 x 3/4	26.2
4 x 3-1/2 x 3/8	9.1	8 x 4 x 1/2	19.6
4 x 3-1/2 x 7/16	10.6	8 x 6 x 1/2	23.0
4 x 3-1/2 x 1/2	11.9	8 x 6 x 5/8	28.5
4 x 4 x 1/4	6.6	8 x 6 x 3/4	33.8
4 x 4 x 5/16	8.2	8 x 6 x 1	44.2
4 x 4 x 3/8	9.8	8 x 8 x 1/2	26.4
4 x 4 x 7/16	11.3	8 x 8 x 5/8	32.7
4 x 4 x 1/2	12.8	8 x 8 x 3/4	38.9
4 x 4 x 5/8	15.7	8 x 8 x 7/8	45.0
4 x 4 x 3/4	18.5	8 x 8 x 1	51.0