

DE PERE

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ANGLES



Size in Inches	Weight per Foot Lbs.	Est. Weight 20' Bar
1/2 x 1/2 x 1/838	7.60
3/4 x 3/4 x 1/859	11.80
1 x 1 x 1/880	16.00
3/16	1.16	23.20
1/4	1.49	29.80
1-1/4 x 1-1/4 x 1/8	1.01	20.20
3/16	1.48	29.60
1/4	1.92	38.40
1-1/2 x 1-1/2 x 1/8	1.23	24.60
3/16	1.80	36.00
1/4	2.34	46.80
1-3/4 x 1-3/4 x 1/8	1.44	28.80
3/16	2.12	42.40
1/4	2.77	55.40
2 x 1-1/2 x 1/8	1.44	28.80
3/16	2.12	42.40
1/4	2.77	55.40
2 x 2 x 1/8	1.65	33.00
3/16	2.44	48.80
1/4	3.19	63.80
5/16	3.92	78.40
3/8	4.70	94.00
2-1/2 x 1-1/2 x 3/16	2.44	48.80
1/4	3.19	63.80
5/16	3.92	78.40
2-1/2 x 2 x 3/16	2.75	55.00
1/4	3.62	72.40
5/16	4.50	90.00
3/8	5.30	106.0
2-1/2 x 2-1/2 x 3/16	3.07	61.40
1/4	4.10	82.00
5/16	5.00	100.0
3/8	5.90	118.0
1/2	7.70	154.0
3 x 2 x 3/16	3.07	61.40
1/4	4.1	82.00
5/16	5.0	100.0
3/8	5.9	118.0
1/2	7.7	154.0



ANGLES



Size in Inches	Weight per Foot Lbs.	Est. Weight 20' Bar
3 x 2-1/2	3/16	67.80
	1/4	90.00
	5/16	112.0
	3/8	132.0
	1/2	170.0
3 x 3	3/16	74.20
	1/4	98.00
	5/16	122.0
	3/8	144.0
	1/2	188.0
3-1/2 x 2-1/2	1/4	98.00
	5/16	122.0
	3/8	144.0
	1/2	188.0
3-1/2 x 3	1/4	108.0
	5/16	132.0
	3/8	158.0
	1/2	204.0
3-1/2 x 3-1/2	1/4	116.0
	5/16	144.0
	3/8	170.0
	1/2	222.0
4 x 3	1/4	116.0
	5/16	144.0
	3/8	170.0
	1/2	222.0
4 x 3-1/2	1/4	124.0
	5/16	154.0
	3/8	182.0
	1/2	238.0
4 x 4	1/4	132.0
	5/16	164.0
	3/8	196.0
	1/2	256.0
	5/8	314.0
	3/4	370.0
5 x 3	1/4	132.0
	5/16	164.0
	3/8	196.0
	1/2	256.0





ANGLES





Size in Inches	Weight per Foot Lbs.	Est. Weight 20' Bar
5 x 3-1/2	1/4	140.0
	5/16	174.0
	3/8	208.0
	1/2	272.0
5 x 5	5/16	210.0
	3/8	246.0
	1/2	324.0
	5/8	400.0
5 x 5	3/4	472.0
	1	548.0
6 x 3-1/2	5/16	196.0
	3/8	234.0
	1/2	306.0
6 x 4	5/16	206.0
	3/8	246.0
	1/2	324.0
	3/4	472.0
6 x 6	5/16	250.0
	3/8	298.0
	1/2	392.0
	5/8	484.0
	3/4	574.0
	1	746.0
7 x 4	3/8	272.0
	1/2	358.0
	3/4	524.0
8 x 4	1/2	392.0
	3/4	574.0
8 x 6	1/2	460.0
	3/4	676.0
	1	884.0
	1 1/4	1092.0
8 x 8	1/2	528.0
	3/4	778.0
	1	1020.0

**HOT DIPPED GALVANIZED
ALSO AVAILABLE**

		FLATS			
Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar	Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar
1/8-INCH					
1/2	.213	4.260	2-1/2	1.59	31.80
3/4	.319	6.380	2-3/4	1.75	35.00
1	.425	8.500	3	1.91	38.20
1-1/4	.531	10.62	3-1/2	2.23	44.60
1-1/2	.638	12.76	4	2.55	51.00
1-3/4	.744	14.88	4-1/2	2.87	57.40
2	.850	17.00	5	3.19	63.80
2-1/4	.956	19.12	5-1/2	3.51	70.20
2-1/2	1.06	21.20	6	3.83	76.60
2-3/4	1.17	23.40	1/4-INCH		
3	1.28	25.60	1/2	.425	8.50
3-1/2	1.49	29.80	5/8	.531	10.62
4	1.70	34.00	3/4	.638	12.76
4-1/2	1.91	38.20	7/8	.744	14.88
5	2.13	42.60	1	.850	17.00
5-1/2	2.34	46.80	1-1/4	1.063	21.26
6	2.55	51.00	1-1/2	1.275	25.50
3/16-INCH			1-3/4	1.488	29.76
1/2	.319	6.380	2	1.700	34.00
3/4	.478	9.560	2-1/4	1.913	38.26
1	.638	12.76	2-1/2	2.125	42.50
1-1/4	.797	15.94	2-3/4	2.338	46.76
1-1/2	.956	19.12	3	2.550	51.00
1-3/4	1.12	22.40	3-1/4	2.763	55.26
2	1.28	25.60	3-1/2	2.975	59.50
2-1/4	1.43	28.60	3-3/4	3.188	63.76

Continued

		FLATS			
Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar	Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar
1/4-INCH					
4	3.400	68.00	4	5.100	102.0
4-1/2	3.825	76.50	4-1/2	5.738	114.8
5	4.250	85.00	5	6.375	127.5
6	5.100	102.0	6	7.850	153.0
8	6.800	136.0	8	10.20	204.0
10	8.500	170.0	10	12.75	255.0
12	10.200	204.0	12	15.30	306.0
5/16-INCH			1/2-INCH		
3/4	.797	15.94	3/4	1.275	25.50
1	1.063	21.26	1	1.700	34.00
1-1/4	1.328	26.56	1-1/4	2.125	42.50
1-1/2	1.594	31.88	1-1/2	2.550	51.00
1-3/4	1.859	37.18	1-3/4	2.975	59.50
2	2.125	42.50	2	3.400	68.00
2-1/2	2.656	53.12	2-1/2	4.250	85.00
3	3.188	63.76	2-3/4	4.675	93.50
4	4.250	85.00	3	5.100	102.0
6	6.375	127.5	3-1/2	5.950	119.0
3/8-INCH			4	6.800	136.0
1/2	.638	12.76	4-1/2	7.850	153.0
3/4	.956	19.12	5	8.500	170.0
1	1.275	25.50	5-1/2	9.350	187.0
1-1/4	1.594	31.88	6	10.20	204.0
1-1/2	1.913	38.26	7	11.90	238.0
1-3/4	2.231	44.62	8	13.60	272.0
2	2.550	51.00	9	15.3	306.0
2-1/2	3.188	63.76	10	17.0	340.0
3	3.825	76.50	12	20.4	408.0
3-1/2	4.463	89.26			

Continued



FLATS



Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar	Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar
5/8-INCH			5-1/2	14.02	280.4
3/4	1.594	31.88	6	15.30	306.0
1	2.125	42.50	7	17.85	357.0
1-1/2	3.188	63.76	8	20.40	408.0
2	4.250	85.00	9	22.94	458.8
2-1/2	5.313	106.3	10	25.50	510.0
3	6.375	127.5	12	30.60	612.0
3-1/2	7.438	148.8	1-INCH		
4	8.500	170.0	1-1/4	4.250	85.00
4-1/2	9.563	191.3	1-1/2	5.100	102.0
5	10.63	212.4	1-3/4	5.950	119.0
6	12.75	255.0	2	6.800	136.0
8	17.00	340.0	2-1/4	7.650	153.0
10	21.26	425.2	2-1/2	8.500	170.0
12	25.50	510.0	2-3/4	9.350	187.0
3/4-INCH			3	10.20	204.0
1	2.550	51.00	3-1/2	11.90	238.0
1-1/4	3.188	63.76	4	13.60	272.0
1-1/2	3.825	76.50	4-1/2	15.30	306.0
1-3/4	4.463	89.26	5	17.00	340.0
2	5.100	102.0	5-1/2	18.70	374.0
2-1/4	5.738	114.8	6	20.40	408.0
2-1/2	6.375	127.5	7	23.80	476.0
2-3/4	7.013	140.3	8	27.20	544.0
3	7.650	153.0	9	30.60	612.0
3-1/2	8.287	165.7	10	34.00	680.0
4	10.20	204.0	12	40.80	816.0
4-1/2	11.47	229.4			
5	12.75	255.0			



CHANNELS - Bar Size



Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar	Size in Inches	Weight per Ft. Lbs.	Est. Weight 20' Bar
3/4 x 3/8 x 1/8	.56	11.20	2 x 1/2 x 1/8	1.43	28.60
1 x 3/8 x 1/8	.68	13.60	2 x 3/16 x 3/16	1.86	37.20
1 x 1/2 x 1/8	.84	16.80	2 x 3/8 x 1/4	2.28	45.60
1 1/4 x 1/2 x 1/8	1.01	20.20	2 x 1 x 1/8	1.59	31.80
1 1/2 x 1/2 x 1/8	1.12	22.40	2 x 1 x 3/16	2.32	46.40
1 1/2 x 3/16 x 3/16	1.44	28.80	2 1/2 x 3/8 x 3/16	2.27	45.40



CHANNELS - "C" SHAPES



Depth Channel Inches	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches	Depth Channel Inches	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches
3	3.5	.130	1.350	8	11.5	.220	2.260
	4.1	.170	1.410		13.75	.303	2.343
	5	.258	1.498		18.75	.487	2.527
	6	.356	1.596	9	13.4	.230	2.430
4	4.5	.137	1.520		15	.285	2.485
	5.4	.180	1.580		20	.448	2.648
	7.25	.320	1.720	10	15.3	.240	2.600
5	6.7	.190	1.750		20	.379	2.739
	9	.325	1.885		25	.526	2.886
					30	.673	3.033
6	8.2	.200	1.920	12	20.7	.280	2.940
	10.5	.314	2.034		25	.387	3.047
	13	.437	2.157		30	.510	3.170
7	9.8	.210	2.090	15	33.9	.400	3.400
	12.25	.314	2.194		40	.520	3.520
	14.75	.419	2.299		50	.716	3.716

CHANNELS - "MC" SHAPES



Depth Channel Inches	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches	Depth Channel Inches	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches
MC 3	7.1	.312	1.938	MC10	22.0	.290	3.315
MC 4	13.8	.500	2.500		25.0	.380	3.405
MC 6	12.0	.310	2.497		28.5	.425	3.950
	15.3	.340	3.500	33.6	.575	4.100	
	16.3	.375	3.000	MC12	31.0	.370	3.670
18.0	.379	3.504	35.0		.467	3.767	
MC 7	19.1	.352	3.452		40.0	.590	3.890
	22.7	.503	3.603	45.0	.712	4.012	
	MC 8	18.7	.353	2.978	50.0	.835	4.135
20.0		.400	3.025	MC13	31.8	.375	4.000
21.4		.375	3.450		40.0	.560	4.185
22.8	.427	3.502	50.0		.787	4.412	
MC 9	23.9	.400	3.450	MC18	42.7	.450	3.950
	25.4	.450	3.500		45.8	.500	4.000
					51.9	.600	4.100
				58.0	.700	4.200	

STAIR STRINGER CHANNELS



Size In Inches	Weight per Ft. Lbs.	Web Thickness	Width of Flange
8	8.5	.179	1.874
10	6.5	.152	1.127
10	8.4	.170	1.500
12	10.6	.190	1.500

**IF WE DON'T HAVE AN ITEM IN STOCK,
WE CAN GET IT IN A
REASONABLE LENGTH OF TIME.**

I BEAMS



Nominal Size	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches	Nominal Size	Weight per Ft. Lbs.	Thickness of Web Inches	Width of Flange Inches
S 3	5.7	.170	2.330	S10	25.4	.311	4.661
	7.5	.349	2.509		35.0	.594	4.944
S 4	7.7	.193	2.663	S12	31.8	.350	5.000
	9.5	.326	2.796		35.0	.428	5.078
S 5	10.0	.214	3.004		40.8	.462	5.252
				50.0	.687	5.477	
S 6	12.5	.232	3.332	S15	42.9	.411	5.501
	17.25	.465	3.565		50.0	.550	5.640
S 7	15.3	.252	3.662	S18	54.7	.461	6.001
	S 8	18.4	.271		4.001	70.0	.711
		23.0	.441	4.171			

WIDE FLANGE BEAMS



Nominal Size	Weight per Ft. Lbs.	Depth Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W 4 x	13.0	4.16	4.060	.371	.280
W 5 x	16.0	5.01	5.000	.360	.240
	19.0	5.15	5.030	.430	.270
W 6 x	9.0	5.90	3.940	.215	.170
	12.0	6.03	4.000	.280	.230
	15.0	5.99	5.990	.260	.230
	16.0	6.26	4.030	.405	.260
	20.0	6.20	6.020	.365	.260
	25.0	6.38	6.060	.455	.320

Nominal Size	Weight per Ft. Lbs.	Depth of Section Inches	Flange		Web Thickness Inches	
			Width Inches	Thickness Inches		
W 8 x	10.0	7.89	3.940	.205	.170	
	13.0	7.99	4.000	.255	.230	
	15.0	8.11	4.015	.315	.245	
	18.0	8.14	5.250	.330	.230	
	21.0	8.28	5.270	.400	.250	
	24.0	7.93	6.495	.400	.245	
	28.0	8.06	6.535	.465	.285	
	31.0	8.00	7.995	.435	.285	
	35.0	8.12	8.020	.495	.310	
	40.0	8.25	8.070	.560	.360	
	48.0	8.50	8.110	.685	.400	
	58.0	8.75	8.220	.810	.510	
	67.0	9.00	8.280	.935	.570	
	W10 x	12.0	9.87	3.960	.210	.190
		15.0	9.99	4.000	.270	.230
		17.0	10.11	4.010	.330	.240
19.0		10.24	4.020	.395	.250	
22.0		10.17	5.750	.360	.240	
26.0		10.33	5.770	.440	.280	
30.0		10.47	5.810	.510	.300	
33.0		9.73	7.960	.435	.290	
39.0		9.92	7.985	.530	.315	
45.0		10.10	8.020	.620	.350	
49.0		9.98	10.000	.560	.340	
54.0		10.09	10.030	.615	.370	
60.0		10.22	10.080	.680	.420	
W12 x		14.0	11.91	3.970	.225	.200
	16.0	11.99	3.990	.265	.220	
	19.0	12.16	4.005	.350	.235	
	22.0	12.31	4.030	.425	.260	
	26.0	12.22	6.490	.380	.230	
	30.0	12.34	6.520	.440	.260	
	35.0	12.50	6.560	.520	.300	
	40.0	11.94	8.005	.515	.295	
	45.0	12.06	8.045	.575	.335	
	50.0	12.19	8.080	.640	.370	
	53.0	12.06	9.995	.575	.345	
	58.0	12.19	10.010	.640	.360	
	65.0	12.12	12.000	.605	.390	

Nominal Size	Weight per Ft. Lbs.	Depth of Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W12 x	72.0	12.25	12.040	.670	.430
	79.0	12.38	12.080	.735	.470
	87.0	12.53	12.125	.810	.515
	98.0	12.71	12.160	.900	.550
	106.0	12.89	12.220	.990	.610
	W14 x	22.0	13.74	5.000	.335
26.0		13.91	5.025	.420	.255
30.0		13.84	6.730	.385	.270
34.0		13.98	6.745	.455	.285
38.0		14.10	6.770	.515	.310
43.0		13.66	7.995	.530	.305
48.0		13.79	8.030	.595	.340
53.0		13.92	8.060	.658	.370
61.0		13.89	9.995	.645	.375
68.0		14.04	10.035	.720	.415
74.0		14.17	10.070	.785	.450
82.0		14.31	10.130	.855	.510
90.0		14.02	14.520	.710	.440
99.0		14.16	14.565	.780	.485
109.0	14.32	14.605	.860	.525	
W16 x	26.0	15.69	5.500	.345	.250
	31.0	15.88	5.525	.440	.275
	36.0	15.86	6.985	.430	.295
	40.0	16.01	6.995	.505	.305
	45.0	16.13	7.035	.565	.345
	50.0	16.26	7.070	.630	.380
	57.0	16.43	7.120	.715	.430
	67.0	16.33	10.235	.665	.395
	77.0	16.52	10.295	.760	.455
	89.0	16.75	10.365	.875	.525
100.0	16.97	10.425	.985	.585	
W18 x	35.0	17.70	6.000	.425	.300
	40.0	17.90	6.015	.525	.315
	46.0	18.06	6.060	.605	.360
	50.0	17.99	7.495	.570	.355
	55.0	18.11	7.530	.630	.390
	60.0	18.24	7.555	.695	.415

Nominal Size	Weight per Ft. Lbs.	Depth of Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W18 x	65.0	18.35	7.590	.750	.450
	71.0	18.47	7.635	.810	.495
	76.0	18.21	11.035	.680	.425
	86.0	18.39	11.090	.770	.480
	97.0	18.59	11.145	.870	.535
	106.0	18.73	11.200	.940	.590
W21 x	44.0	20.66	6.500	.450	.350
	50.0	20.83	6.530	.535	.380
	57.0	21.06	6.555	.650	.405
	62.0	20.99	8.240	.615	.400
	68.0	21.13	8.270	.685	.430
	73.0	21.24	8.295	.740	.455
	83.0	21.43	8.355	.835	.515
	93.0	21.62	8.420	.930	.580
	101.0	21.36	12.290	.800	.500
	W24 x	55.0	23.57	7.005	.505
62.0		23.74	7.040	.590	.430
68.0		23.73	8.965	.585	.415
76.0		23.92	8.990	.680	.440
84.0		24.10	9.020	.770	.470
94.0		24.31	9.065	.875	.515
104.0		24.06	12.750	.750	.500

**MANY SIZES LISTED ARE IN STOCK,
PLEASE CALL OR STOP IN TO CHECK
OUR CURRENT INVENTORY.**



STEEL SHEETS



Gage No.	GAGE DECIMAL	Weight per Sq. Ft Lbs.
0		
1		
2		
3	.2391	10.000
4	.2242	9.375
5	.2092	8.750
6	.1943	8.125
7	.1793	7.500
8	.1644	6.875
9	.1495	6.250
10	.1345	5.625
11	.1196	5.000
12	.1046	4.375
13	.0897	3.750
14	.0747	3.125
15	.0673	2.813
16	.0598	2.500
17	.0538	2.250
18	.0478	2.000
19	.0418	1.750
20	.0359	1.500
21	.0329	1.375
22	.0299	1.250
23	.0269	1.125
24	.0239	1.000

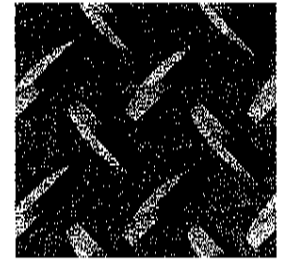
**ALSO STOCKING
GALVANIZED SHEET**



STEEL PLATES



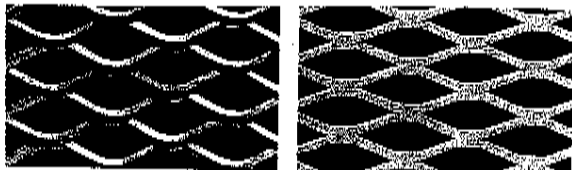
Size In Inches	Weight per Sq. Ft. Lbs.
1/8	5.10
3/16	7.65
1/4	10.20
5/16	12.75
3/8	15.30
1/2	20.40
5/8	25.50
3/4	30.60
7/8	35.70
1	40.80
1-1/8	45.90
1-1/4	51.00
1-3/8	56.10
1-1/2	61.20
1-3/4	71.40
2	81.60
2-1/4	91.80
2-1/2	102.00
2-3/4	112.20
3	122.40



STEEL FLOOR PLATE

Size	Weight Per Sq. Ft. Lbs.
16 Ga.	3.00
14 Ga.	3.75
12 Ga.	5.25
1/8"	6.15
3/16"	8.70
1/4"	11.25
5/16"	13.80
3/8"	16.35
1/2"	21.45
5/8"	26.55
3/4"	31.65

EXPANDED METAL



Standard
Long way of diamond runs parallel to length of sheet.

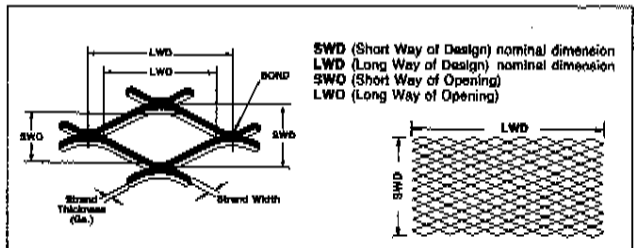
Flattened

STANDARD PATTERN

STYLES AVAILABLE	OPENING SIZE SWO x LWO (INCHES)	STRAND SIZE WIDTH x THICKNESS (INCHES)	APPROX. WEIGHT PER SQ. FT.
1/2"-No. 16	.38 x .89	.089 x .059	.86
1/2"-No. 13	.35 x .90	.098 x .089	1.47
3/4"-No. 13	.73 x 1.64	.095 x .089	.80
3/4"-No. 9	.60 x 1.45	.142 x .134	1.80
1 1/4"-No. 9	1.13 x 2.34	.141 x .134	1.20
1 1/2"-No. 6	1.11 x 2.31	.203 x .198	2.50

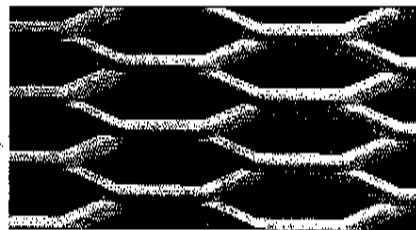
FLATTENED PATTERN

1/2"-No. 18	.09 x .70	.086 x .042	1.08
1/2"-No. 16	.30 x 1.00	.103 x .050	.82
1/2"-No. 13	.26 x .97	.122 x .070	1.40
3/4"-No. 13	.64 x 1.75	.119 x .070	.75
3/4"-No. 9	.53 x 1.63	.164 x .110	1.71
1 1/2"-No. 9	1.00 x 2.62	.175 x .106	1.14



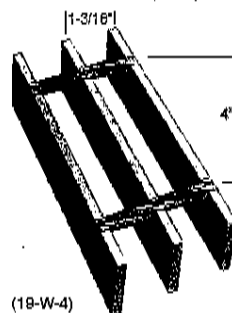
EXPANDED METAL GRATINGS

Not Flattened



STYLE DESIGNATION (LB. PER SQ. FT.)	DIAMOND SIZE SWD x LWD (INCHES)	OPENING SIZE SWO x LWO (INCHES)	STRAND SIZE WIDTH x THICKNESS (INCHES)
3.0 lb.	1.33 x 5.55	.95 x 3.50	.264 x .183
3.14 lb.	2.00 x 6.00	1.63 x 4.88	.312 x .250
4.0 lb.	1.33 x 5.33	.83 x 3.30	.300 x .215
4.27 lb.	1.41 x 4.00	1.00 x 2.88	.300 x .250
5.0 lb.	1.33 x 5.33	.76 x 3.20	.331 x .250

OPEN STEEL FLOOR GRATING

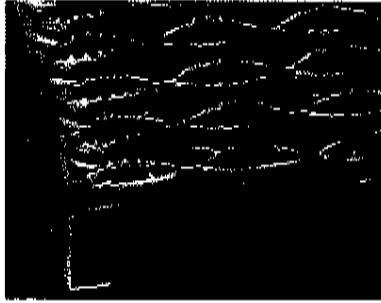


Bar Size	Weight Per Sq. Ft. Lbs.
3/16" x 1"	7.5
3/16" x 1-1/4"	9.1
3/16" x 1-1/2"	10.8

3' x 20' Smooth Painted
Black Panels

**GALVANIZED, SERRATED AND
OTHER SPACING AVAILABLE.**

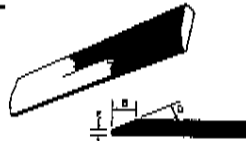
GALVANIZED GRIP PLANK



WIDTH IN INCHES	NUMBER OF DIAMONDS	HEIGHT IN INCHES	THICKNESS IN GAUGE	LBS. PER LINEAR FT.
4-3/4"	2	1-1/2"	14	2.3
7"	3	1-1/2"	14	2.9
9-1/2"	4	1-1/2"	12	4.8
11-3/4"	5	2"	12	6.1

SINGLE BEVEL FLAT

LOADER AND BUCKET CUTTING EDGE STEEL



Size in Inches	B in Inches	E in Inches	D Deg. of Bevel	Weight Per Ft.
3/8 x 3	1	3/32	16°	3.33
1/2 x 4	1	3/32	22°	6.04
1/2 x 6	1	3/32	22°	9.45
3/4 x 6	1-1/2	1/8	22°	13.60
3/4 x 8*	1-15/32	1/8	22°	18.41
1 x 8	1-15/32	3/8	22°	25.17

.60 C Steel is to be used for blades that are welded.
Class E7018 Lo-Hydrogen rod should be used for welding.

*Also available as a Double Bevel Flat

HOT ROLLED AND COLD DRAWN SQUARES

Size in Inches	Weight Per Ft. Lbs.	Size in Inches	Weight Per Ft. Lbs.
1/8	.053	1	3.402
3/16	.120	1-1/8	4.306
1/4	.213	1-1/4	5.316
5/16	.332	1-3/8	6.432
3/8	.478	1-1/2	7.655
7/16	.651	1-5/8	8.984
1/2	.850	1-3/4	10.419
9/16	1.076	1-7/8	11.950
5/8	1.329	2	13.600
11/16	1.608	2-1/4	17.220
3/4	1.914	2-1/2	21.260
13/16	2.246	2-3/4	25.730
7/8	2.605	3	30.600
15/16	2.990		

COLD DRAWN HEXAGONS

Size in Inches	Weight Per Ft. Lbs.	Size in Inches	Weight Per Ft. Lbs.
1/4	.184	1-1/8	3.73
5/16	.288	1-1/4	4.60
3/8	.414	1-5/16	5.07
7/16	.564	1-3/8	5.57
1/2	.736	1-1/2	6.63
9/16	.932	1-3/4	9.02
5/8	1.15	1-7/8	10.35
11/16	1.39	2	11.77
3/4	1.66	2-1/2	18.40
7/8	2.25	3	26.50
1	2.94	3-1/2	36.07
1-1/16	3.32	4	47.11

HOT ROLLED AND COLD FINISHED ROUNDS



Size In Inches	Weight Per Ft. Lbs.	Weight Per 12' Bar	Weight Per 20' Bar
1/8	.042	0.50	0.84
3/16	.094	1.13	1.88
1/4	.167	2.00	3.34
5/16	.261	3.13	5.22
3/8	.376	4.51	7.52
7/16	.511	6.13	10.22
1/2	.668	8.01	13.36
9/16	.845	10.14	16.90
5/8	1.043	12.52	20.86
11/16	1.262	15.15	25.24
3/4	1.502	18.03	30.04
13/16	1.763	21.15	35.26
7/8	2.045	24.53	40.90
15/16	2.347	28.16	46.94
1	2.670	32.04	53.40
1-1/16	3.015	36.18	60.30
1-1/8	3.380	40.56	67.60
1-3/16	3.766	45.19	75.32
1-1/4	4.172	50.07	83.44
1-5/16	4.600	55.20	92.00
1-3/8	5.049	60.58	100.98
1-7/16	5.518	66.22	110.36
1-1/2	6.008	72.10	120.16
1-9/16	6.519	78.23	130.38
1-5/8	7.051	84.62	141.02
1-11/16	7.604	91.25	152.08
1-3/4	8.178	98.14	163.56
1-13/16	8.773	105.27	175.46
1-7/8	9.388	112.66	187.76
1-15/16	10.024	120.29	200.48
2	10.68	128.18	213.60
2-1/8	12.06	144.70	241.20
2-1/4	13.52	162.22	270.40

Size In Inches	Weight Per Ft. Lbs.	Weight Per 12' Bar	Weight Per 20' Bar
2-3/8	15.06	180.72	301.20
2-1/2	16.69	200.28	333.80
2-5/8	18.40	220.80	368.00
2-3/4	20.19	242.34	403.80
2-7/8	22.07	264.86	441.40
3	24.03	288.40	480.60
3-1/4	28.21	338.47	564.20
3-1/2	32.71	392.54	654.20
3-3/4	37.55	450.62	751.00
4	42.73	512.71	854.60
4-1/4	48.23	578.76	964.60
4-1/2	54.08	648.96	1081.60
4-3/4	60.25	723.00	1205.00
5	66.76	801.12	1335.20
5-1/4	73.60	883.20	1472.00
5-1/2	80.78	969.36	1615.60
5-3/4	88.29	1059.48	1765.80
6	96.13	1153.56	1922.60

CONCRETE REINFORCING BARS



Bar Size Inches	Bar No.	Weight per Ft. Pounds	Dia. Inches	Area Sq. Inches	Perimeter Inches
3/8" Rd.	3	.376	.375	.11	1.178
1/2" Rd.	4	.668	.500	.20	1.571
5/8" Rd.	5	1.043	.625	.31	1.963
3/4" Rd.	6	1.502	.750	.44	2.356
7/8" Rd.	7	2.044	.875	.60	2.749
1" Rd.	8	2.670	1.000	.79	3.142



SCH 40 - STANDARD



PST (A500) - BLACK (A53) - GALVANIZED PIPE

Norm. Size	Weight per Ft.	Wall Thickness	Size O.D.	Size I.D.
1/8"	.24	.068	.405	.269
1/4"	.42	.088	.540	.364
3/8"	.57	.091	.675	.493
1/2"	.85	.109	.840	.622
3/4"	1.13	.113	1.050	.824
1"	1.68	.133	1.315	1.049
1-1/4"	2.27	.140	1.660	1.380
1-1/2"	2.72	.145	1.900	1.610
2"	3.65	.154	2.375	2.067
2-1/2"	5.79	.203	2.875	2.469
3"	7.58	.216	3.500	3.068
3-1/2"	9.11	.226	4.000	3.548
4"	10.79	.237	4.500	4.026
5"	14.62	.258	5.563	5.047
6"	18.97	.280	6.625	6.065
8"	28.55	.322	8.625	7.981
10"	40.48	.365	10.750	10.020
12"	49.56	.375	12.750	12.000
14"	54.57	.375	14.000	13.250
16"	62.58	.375	16.000	15.250



SCH 80 - EXTRA HEAVY



PST (A500) - BLACK (A53) PIPE

Norm. Size	Weight per Ft.	Wall Thickness	Size O.D.	Size I.D.
1/4"	.54	.119	.540	.302
1/2"	1.09	.147	.840	.546
3/4"	1.47	.154	1.050	.742
1"	2.17	.179	1.315	.957
1-1/4"	3.00	.191	1.680	1.278
1-1/2"	3.63	.200	1.900	1.500
2"	5.02	.218	2.375	1.939
2-1/2"	7.66	.276	2.875	2.323
3"	10.25	.300	3.500	2.900
3-1/2"	12.51	.318	4.000	3.364
4"	14.98	.337	4.500	3.826
5"	20.78	.375	5.563	4.813
6"	28.57	.432	6.625	5.761
8"	43.99	.500	8.625	7.625



SQUARE AND RECTANGULAR TUBING



Outside Dimensions in inches	Wall Thickness Ga.	Weight per Ft. in Lbs.	Outside Dimensions in inches	Wall Thickness Ga.	Weight per Ft. in Lbs.
1/2 x 1/2	18	.301	2-1/2 x 2-1/2	16	2.12
	16	.385	3 x 2	14	2.67
				11	3.90
3/4 x 3/4	18	.467		3/16	5.60
1 x 1/2	16	.606		1/4	7.10
	14	.753			
	11	1.03	3 x 3	14	3.23
1 x 1	16	.827	3-1/2 x 2-1/2	11	4.75
1-1/2 x 1/2	14	1.035	4 x 2	3/16	6.88
	11	1.436		1/4	8.80
1-1/4 x 1-1/4	16	1.048	3-1/2 x 3-1/2	11	5.60
1-1/2 x 1	14	1.317	4 x 3	3/16	8.16
	11	1.844	5 x 2	1/4	10.50
1-1/2 x 1-1/2	16	1.269	4 x 4	11	6.45
	14	1.600	5 x 3	3/16	9.44
	11	2.252	6 x 2	1/4	12.20
	3/16	3.35		5/16	14.84
	1/4	4.07		3/8	17.25
				1/2	21.61
2 x 1	16	1.269	4-1/2 x 4-1/2	3/16	10.71
	14	1.600	6 x 3	1/4	13.90
	11	2.252		5/16	16.96
				3/8	19.80
1-3/4 x 1-3/4	16	1.490		1/2	25.01
2 x 1-1/2	14	1.882	5 x 5	3/16	11.99
	11	2.660	6 x 4	1/4	15.60
2 x 2	16	1.71	7 x 3	5/16	19.09
2-1/2 x 1-1/2	14	2.16	8 x 2	3/8	22.35
	11	3.07		1/2	28.41
	3/16	4.32	7 x 4	3/16	13.27
	1/4	5.40	8 x 3	1/4	17.30
3 x 1	16	1.71		5/16	21.22
	14	2.16		3/8	24.90
	11	3.07		1/2	31.81
3 x 1-1/2	16	1.89	6 x 6	3/16	14.55
	14	2.45	7 x 5	1/4	19.00
	11	3.48	8 x 4	5/16	23.35
	3/16	4.96	10 x 2	3/8	27.45
				1/2	35.21

Continued

Schoessow's S.I. METALS and Supply

Outside Dimensions in inches	Wall Thickness Ga.	Weight per Ft. in Lbs.	Outside Dimensions in inches	Wall Thickness Ga.	Weight per Ft. in Lbs.
7 x 7	3/16	17.11	10 x 8	1/4	29.20
8 x 6	1/4	22.40	12 x 6	5/16	36.12
10 x 4	5/16	27.60		3/8	42.75
	3/8	32.55		1/2	55.60
	1/2	42.01			
8x8	3/16	19.66	10 x 10	1/4	32.59
10 x 6	1/4	25.80	12 x 8	5/16	40.37
12 x 4	5/16	31.86		3/8	47.85
	3/8	37.65		1/2	62.40
	1/2	48.81			
			12 x 12	1/4	39.43
				5/16	48.86
				3/8	58.10
				1/2	76.07

TUBING

Gage No.	GAGE DECIMAL
1/4"	.250
3/16"	.188
10	.134
11 = 1/8"	.120
12	.109
13	.095
14	.083
15	.072
16 = 1/16"	.065
17	.058
18	.049
19	.042
20	.035

Schoessow's S.I. METALS and Supply



ROUND TUBING



Size O.D.	Wall Ga.	Weight per Ft.	Size O.D.	Wall Ga.	Weight per Ft.	Size O.D.	Wall Ga.	Weight per Ft.
1/2	18	.236	1-3/4	16	1.17	3	16	2.04
	16	.302		14	1.48		14	2.59
				13	1.68		11	3.69
3/4	20	.267		12	1.91		3/16	5.65
	18	.367		11	2.09		1/4	7.34
	16	.476					3/8	10.5
	14	.591	1-5/8	16	1.08		1/2	13.4
	11	.81		14	1.37			
	5/32	.99		13	1.55	3-1/2	16	2.39
				11	1.93		14	3.03
1	16	.649					11	4.33
	14	.813	2	16	1.34		3/16	6.65
	13	.918		14	1.70		1/4	8.68
	11	1.13		13	1.93			
	5/32	1.41		12	2.20	4	16	2.73
				11	2.41		14	3.47
1-1/4	16	.823		10	2.67		11	4.97
	14	1.04					3/16	7.65
	13	1.17	2-1/2	16	1.69		1/4	10.01
	11	1.45		11	3.05			
				3/16	4.64			
1-1/2	16	.996		1/4	6.01			
	14	1.26		3/8	8.51			
	13	1.43		1/2	10.68			
	12	1.62						
	11	1.77						

**MANY SIZES LISTED ARE IN STOCK,
PLEASE CALL OR STOP IN TO
CHECK OUR CURRENT INVENTORY.**

ALUMINUM

ALUMINUM ANGLES

Size in Inches			Weight per Ft.
1/2	x 1/2	x 1/8	.128
3/4	x 3/4	x 1/16	.107
3/4	x 3/4	x 1/8	.202
1	x 1	x 1/16	.141
		x 1/8	.275
		x 3/16	.400
		x 1/4	.514
1-1/4	x 1-1/4	x 1/8	.343
		x 1/2	.423
		x 3/16	.619
		x 1/4	.809
2	x 2	x 1/8	.577
		x 3/16	.850
		x 1/4	1.11
3	x 2	x 3/16	1.07
3	x 3	x 1/4	1.68
4	x 4	x 1/4	2.28

ALUMINUM CHANNEL

Size in Inches			Weight per Ft.	Size in Inches			Weight per Ft.
5/8	x 5/8	x 1/8	.239	2	x 1	x 1/8	.552
3/4	x 3/4	x 1/8	.294	2	x 2	x 1/8	.846
1	x 1/2	x 1/8	.258	3	x 1.41	x .170	1.42
1	x 1	x 1/8	.405	3	x 1.50	x .130	1.14
1-1/4	x 1-1/4	x 1/8	.516	4	x 1.58	x .180	1.85
1-1/2	x 1/2	x 1/8	.330	6	x 1.92	x .200	2.83
1-3/4	x 1	x 1/8	.516	8	x 2.29	x .250	4.25

ALUMINUM

ALUMINUM FLAT

WIDTH	THICKNESS				
	1/8	3/16	1/4	3/8	1/2
3/4	.110	.166	.222	.331	—
1	.147	.222	.294	.441	.588
1-1/4	.183	.275	.369	—	—
1-1/2	.222	.330	.441	.561	.864
2	.294	.441	.570	.882	1.176
2-1/2	—	.551	.749	—	1.485
3	.441	.661	.882	1.323	1.764
4	.588	.882	1.141	1.764	2.348
5	.735	1.128	1.469	—	—
6	.882	—	1.762	2.643	3.528
8	—	—	2.350	—	4.704
10	—	—	—	—	5.874
12	—	—	—	5.287	7.049

ALUMINUM SHEET / PLATE

Decimal Gage	Weight per Sq. Ft.
.032	.456
.040*	.570
.063	.898
.090	1.160
.125	1.782
.190	2.713
.250	3.492
.375	5.440
.500	7.256

* .040 Pre-Patined Aluminum Sheet

COLORS INCLUDE:

White	Lt. Gray	Gold
Black	Red	Bright Clear
Lt. Blue	Yellow	Black/Black
Dk. Blue	Orange	Flat Black

ALUMINUM

ALUMINUM FLOOR PLATE

Size	Weight per Sq. Ft.
.053	1.01
.100	1.57
.125	1.90
.188	2.82
.250	3.70

ALUMINUM ROUNDS & SQUARES

Size	Weight per Ft.	Wt. per Ft.
1/4"	.0577	.0735
3/8"	.1297	.1656
1/2"	.2306	.2940
5/8"	.3604	.4586
3/4"	.5190	.6595
1"	.9227	1.176
1-1/4"	1.442	1.833
1-1/2"	2.076	2.646
1-3/4"	2.826	3.600
2"	3.691	4.704

ALUMINUM PIPE - SCH 40

Nom. Size	Weight per Ft.	Wall Thickness	Size O.D.	Size I.D.
1/2"	.293	.109	.840	.622
3/4"	.391	.113	1.050	.824
1"	.581	.133	1.315	1.049
1-1/4"	.786	.140	1.660	1.380
1-1/2"	.940	.145	1.900	1.610
2"	1.264	.154	2.375	2.067
3"	2.621	.216	3.500	3.068
4"	3.733	.237	4.500	4.026

ALUMINUM

ALUMINUM SQUARE / RECTANGULAR TUBING

Size	Thickness	Weight per Sq. Ft.
3/4 x 3/4	1/16	.1966
	1/8	.3638
1 x 1	1/16	.2708
	1/8	.5093
1-1/4 x 1-1/4	1/8	.6548
1-1/2 x 1-1/2	1/8	.8003
2 x 1	1/8	.8100
	3/16	1.0910
2 x 2	1/8	1.6020
	1/4	2.0370
2-1/2 x 2-1/2	1/4	2.6460
3 x 1	1/8	1.1030
	1/4	1.2500
3 x 1-1/2	1/8	1.3970
	1/4	2.6460
3 x 3	1/8	1.6730
	1/4	3.2010
4 x 2	1/8	1.6900
	1/4	2.2550
4 x 4	1/8	2.2550
	1/4	4.4100

ALUMINUM ROUND TUBE

O.D.	Wall Thickness	Weight per Ft.
3/4"	.065	.165
1"	.125	.404
1-1/4"	.125	.520
1-1/2"	.125	.635
2"	.125	.866
2"	.250	1.62
3"	.125	1.33
4"	.125	1.79

ALUMINUM

- The weight of aluminum is approximately 35% of steel.
- Weights may vary dependent on grade.
- Not all steel sizes are available in aluminum.
- Stock lengths may vary from steel.
- Prepainted aluminum sheets available.
- Special order items may only be available in full lengths.

STAINLESS STEEL

- The weight of stainless steel is approximately the same as carbon steel.
- Weights may vary dependent on grade.
- Not all carbon steel sizes are available in stainless.
- Stock lengths may vary from steel.
- Special order items may only be available in full lengths.

**NO MATTER WHAT QUANTITY
OR HOW OFTEN YOU
BUY METAL, S.I. METALS
IS THE NAME WORTH
REMEMBERING!**

USEFUL INFORMATION

- To find the circumference of a circle, multiply diameter by 3.1416.
- To find the diameter of a circle, multiply circumference by .31831.
- To find the area of a circle, multiply square of diameter by .7854
- To find the area of a triangle, multiply base by 1/2 perpendicular height.
- To find the area of a parallelogram, multiply base by height.
- To find cubic inches in a ball, multiply cube of diameter by .5236.
- To find cubic contents of a cone, multiply area of base by 1/3 the altitude.
- To find the area of an ellipse, multiply product of both diameters by .7854.
- Doubling the diameter of a pipe increases its capacity 4 times.
- A gallon of water (U.S. Standard) weighs 8 1/3 lbs. and contains 231 cubic inches.
- To find the pressure in pounds per sq. inch of a column of water, multiply the height of the column in feet by .434.
- To find capacity of tanks any size, given dimensions of a cylinder in inches, to find its capacity in U.S. gallons: square the diameter, multiply by the length and by .0034
- Pipe and round tube weight per foot: O.D. in inches minus wall thickness x wall thickness x 10.68