



KITCHENER

HYD-MECH
The Rock Solid Solution



Stock Book & Reference Guide

Kitchener Steel Service Centre Stock Book & Reference Guide Index

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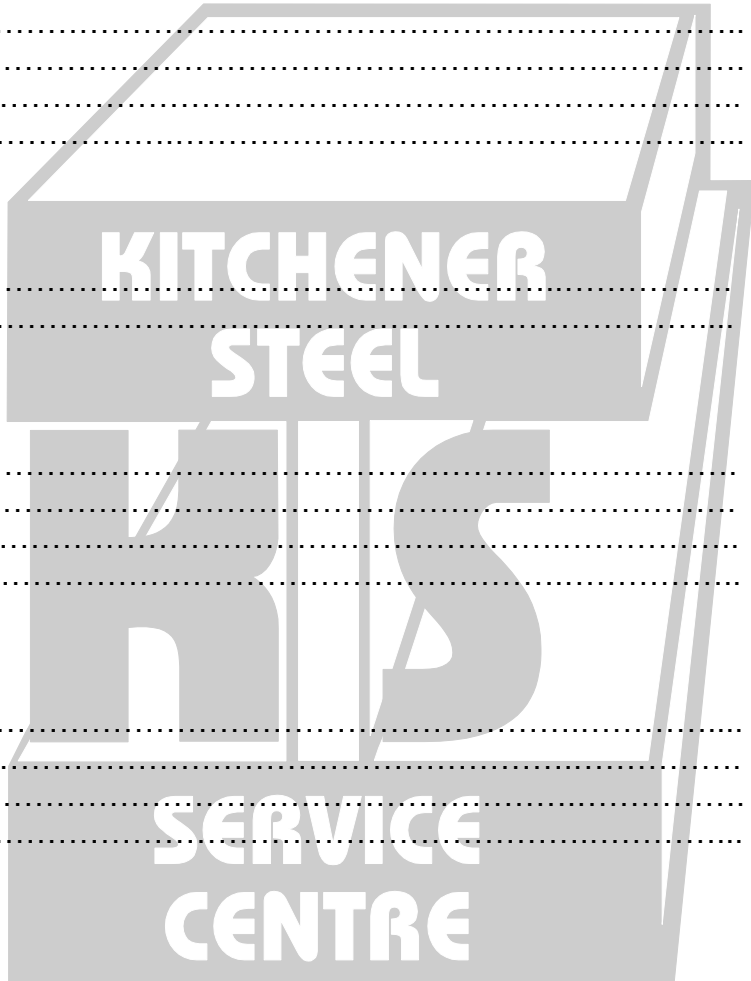
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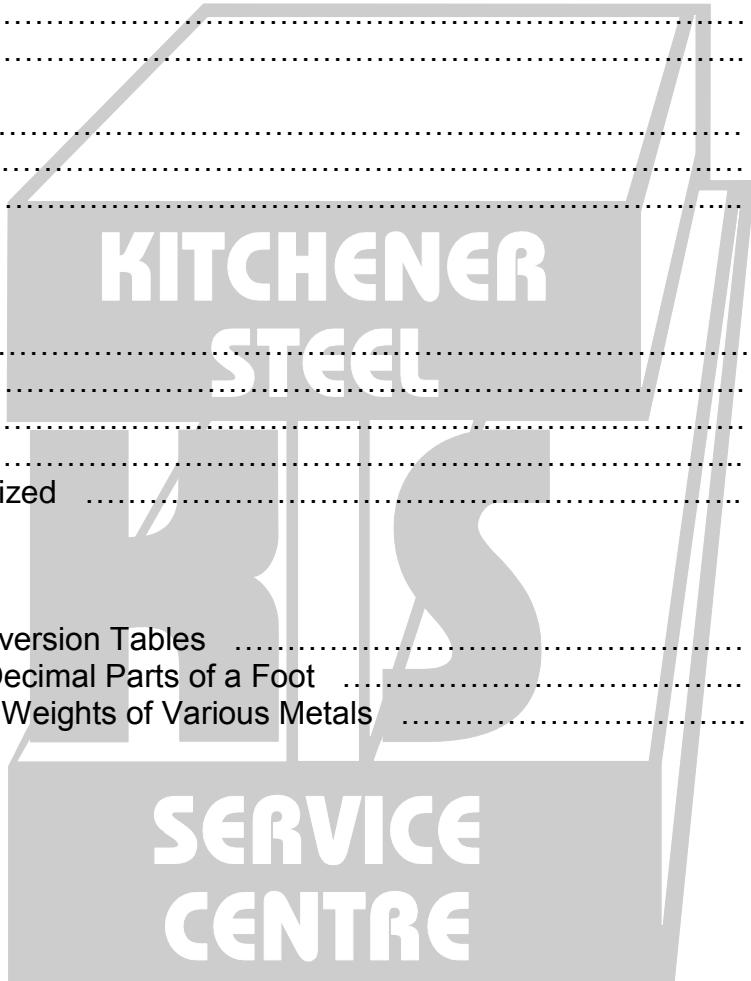
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CARBON STEEL BARS

Hot Rolled

- **Rounds**
- **Squares**
- **Flats**

Cold Finished

- **Rounds**
- **Squares**
- **Hexagons**
- **Flats**

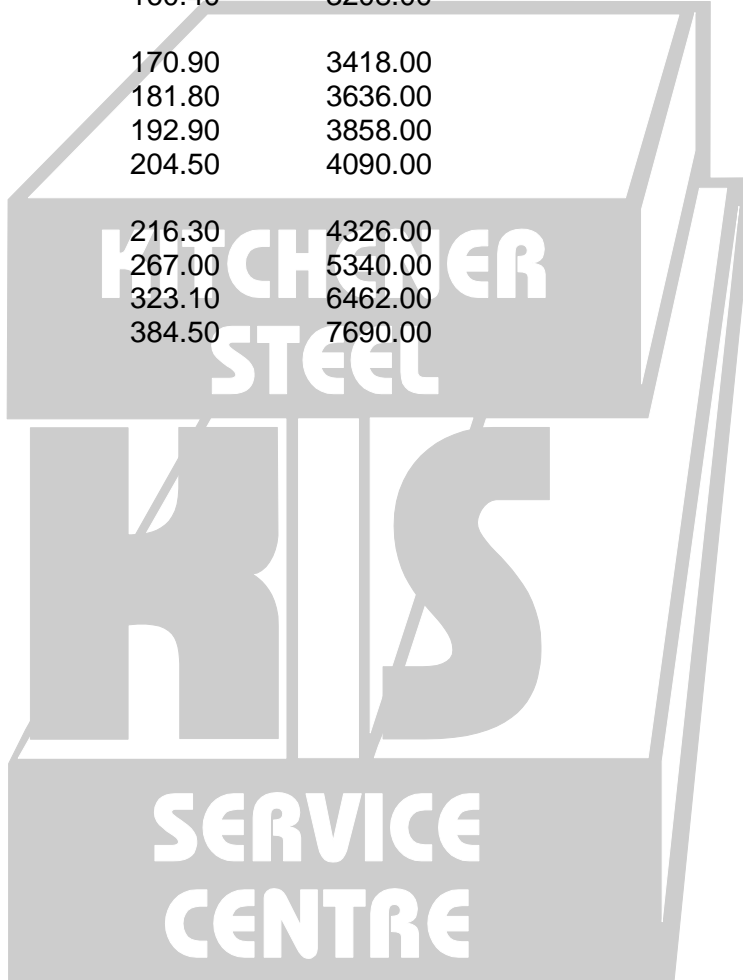


Hot Rolled Rounds

<u>Diameter</u>	<u>Weight in Pounds</u>	
	<u>Size Inches</u>	<u>Per Foot</u>
3/16	.094	1.88
1/4	.167	3.34
5/16	.261	5.22
3/8	.376	7.52
7/16	.511	10.22
1/2	.668	13.36
9/16	.845	16.90
5/8	1.043	20.80
3/4	1.502	30.04
7/8	2.044	40.80
1	2.670	53.40
1-1/8	3.380	67.60
1-1/4	4.172	83.40
1-3/8	5.049	101.00
1-1/2	6.008	120.20
1-5/8	7.051	141.00
1-3/4	8.178	163.60
1-7/8	9.388	187.80
2	10.681	213.60
2-1/8	12.058	241.20
2-1/4	13.519	270.40
2-3/8	15.062	301.20
2-1/2	16.690	333.80
2-3/4	20.195	403.80
3	24.033	480.60
3-1/4	28.210	564.20
3-1/2	32.710	654.20
3-3/4	37.550	751.00
4	42.73	854.60
4-1/4	48.23	964.60
4-1/2	54.08	1081.60
4-3/4	60.25	1205.00
5	66.76	1335.20
5-1/4	73.60	1472.00
5-1/2	80.78	1615.60
5-3/4	88.29	1765.80
6	96.13	1922.60
6-1/4	104.30	2086.00

Hot Rolled Rounds

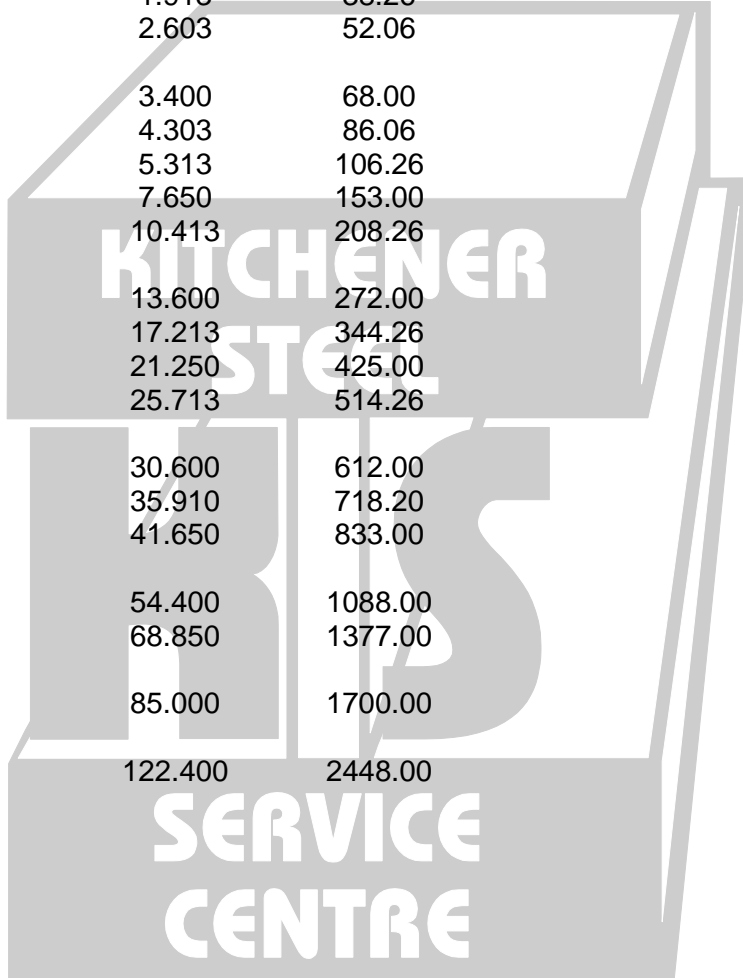
<u>Diameter</u>	<u>Weight in Pounds</u>	
	<u>Size Inches</u>	<u>Per Foot</u>
6-1/2	112.80	2256.00
6-3/4	121.70	2434.00
7	130.90	2618.00
7-1/4	140.40	2808.00
7-1/2	150.20	3004.00
7-3/4	160.40	3208.00
8	170.90	3418.00
8-1/4	181.80	3636.00
8-1/2	192.90	3858.00
8-3/4	204.50	4090.00
9	216.30	4326.00
10	267.00	5340.00
11	323.10	6462.00
12	384.50	7690.00



Call us on all your requirements.

Hot Rolled Squares

<u>Diameter</u>	<u>Weight in Pounds</u>	
	<u>Size Inches</u>	<u>Per Foot</u>
1/4	0.213	4.26
5/16	0.332	6.64
3/8	0.478	9.56
7/16	0.651	13.02
1/2	0.850	17.00
5/8	1.328	26.56
3/4	1.913	38.26
7/8	2.603	52.06
1	3.400	68.00
1-1/8	4.303	86.06
1-1/4	5.313	106.26
1-1/2	7.650	153.00
1-3/4	10.413	208.26
2	13.600	272.00
2-1/4	17.213	344.26
2-1/2	21.250	425.00
2-3/4	25.713	514.26
3	30.600	612.00
3-1/4	35.910	718.20
3-1/2	41.650	833.00
4	54.400	1088.00
4-1/2	68.850	1377.00
5	85.000	1700.00
6	122.400	2448.00



Hot Rolled Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>20' Bar</u>
1/8 x 1/2	.213	4.26
x 3/4	.319	6.38
x 1	.425	8.50
x 1-1/4	.531	10.62
x 1-1/2	.638	12.76
x 1-3/4	.744	14.88
x 2	.850	17.00
x 2-1/4	.956	19.12
x 2-1/2	1.063	21.26
x 2-3/4	1.169	23.38
x 3	1.275	25.50
x 3-1/2	1.488	29.76
x 4	1.700	34.00
x 4-1/2	1.913	38.26
x 5	2.125	42.50
x 5-1/2	2.338	46.76
x 6	2.550	51.00
x 8	3.400	68.00
x 10	4.250	85.00
x 12	5.100	102.00
3/16 x 1/2	.319	6.38
x 3/4	.478	9.56
x 1	.638	12.76
x 1-1/4	.797	15.94
x 1-1/2	.956	19.12
x 1-3/4	1.120	22.40
x 2	1.280	25.60
x 2-1/4	1.430	28.60
x 2-1/2	1.590	31.80
x 3	1.910	38.20
x 3-1/2	2.230	44.60
x 4	2.550	51.00
x 4-1/2	2.870	57.40
x 5	3.190	63.80
x 6	3.830	76.60
x 8	5.100	102.00
x 10	6.380	127.60
x 12	7.650	153.00
1/4 x 1/2	.425	8.50
x 3/4	.638	12.76
x 1	.850	17.00
x 1-1/4	1.060	21.20
x 1-1/2	1.280	25.60
x 1-3/4	1.490	29.80

Hot Rolled Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>20' Bar</u>
1/4 x 2	1.700	34.00
x 2-1/4	1.910	38.20
x 2-1/2	2.130	42.60
x 2-3/4	2.340	46.80
x 3	2.550	51.00
x 3-1/2	2.980	59.60
x 4	3.400	68.00
x 4-1/2	3.830	76.60
x 5	4.250	85.00
x 6	5.100	102.00
x 7	5.950	119.00
x 8	6.800	136.00
x 9	7.650	153.00
x 10	8.500	170.00
x 12	10.200	204.00
5/16 x 3/4	.797	15.94
x 1	1.060	21.20
x 1-1/4	1.330	26.60
x 1-1/2	1.590	31.80
x 1-3/4	1.860	37.20
x 2	2.130	42.60
x 2-1/2	2.660	53.20
x 3	3.190	63.80
x 3-1/2	3.720	74.40
x 4	4.250	85.00
x 5	5.310	106.20
x 6	6.380	127.60
x 7	7.440	148.80
x 8	8.500	170.00
x 9	9.560	191.20
x 10	10.63	212.60
x 12	12.750	255.00
3/8 x 3/4	.955	19.1
x 1	1.280	25.60
x 1-1/4	1.590	31.80
x 1-1/2	1.910	38.20
x 1-3/4	2.230	44.60
x 2	2.550	51.00
x 2-1/4	2.870	57.40
x 2-1/2	3.190	63.80
x 2-3/4	3.510	70.20
x 3	3.830	76.60
x 3-1/2	4.460	89.20
x 4	5.100	102.00

Hot Rolled Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>20' Bar</u>
3/8 x 4-1/2	5.740	114.80
x 5	6.380	127.60
x 6	7.650	153.00
x 7	8.920	178.40
x 8	10.200	204.00
x 9	11.480	229.60
x 10	12.750	255.00
x 12	15.300	306.00
1/2 x 3/4	1.280	25.60
x 1	1.700	34.00
x 1-1/4	2.130	42.60
x 1-1/2	2.550	51.00
x 1-3/4	2.980	59.60
x 2	3.400	68.00
x 2-1/4	3.830	76.60
x 2-1/2	4.250	85.00
x 2-3/4	4.680	93.60
x 3	5.100	102.00
x 3-1/2	5.960	119.20
x 4	6.810	136.20
x 4-1/2	7.660	153.20
x 5	8.510	170.20
x 5-1/2	9.360	187.20
x 6	10.210	204.20
x 7	11.910	238.20
x 8	13.610	272.20
x 9	15.310	306.20
x 10	17.020	340.40
x 12	20.420	408.40
5/8 x 1	2.130	42.60
x 1-1/4	2.660	53.20
x 1-1/2	3.190	63.80
x 1-3/4	3.720	74.40
x 2	4.250	85.00
x 2-1/2	5.320	106.40
x 3	6.380	127.60
x 3-1/2	7.440	148.80
x 4	8.510	170.20
x 4-1/2	9.570	191.40
x 5	10.640	212.80
x 6	12.760	255.20
x 7	14.890	297.80
x 8	17.020	340.40
x 10	21.270	425.40

Hot Rolled Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>20' Bar</u>
5/8 x 12	25.520	510.40
3/4 x 1	2.550	51.00
x 1-1/4	3.190	63.80
x 1-1/2	3.830	76.60
x 1-3/4	4.470	89.40
x 2	5.100	102.00
x 2-1/4	5.740	114.80
x 2-1/2	6.380	127.60
x 3	7.660	153.20
x 3-1/2	8.930	178.60
x 4	10.210	204.20
x 5	12.760	255.20
x 6	15.310	306.20
x 7	17.870	357.40
x 8	20.420	408.40
x 9	22.970	459.40
x 10	25.520	510.40
x 12	30.630	612.60
1 x 1-1/4	4.250	85.00
x 1-1/2	5.100	102.00
x 1-3/4	5.950	119.00
x 2	6.800	136.00
x 2-1/2	8.500	170.00
x 3	10.200	204.00
x 3-1/2	11.900	238.00
x 4	13.600	272.00
x 4-1/2	15.300	306.00
x 5	17.000	340.00
x 6	20.400	408.00
x 7	23.800	476.00
x 8	27.200	544.00
x 9	30.630	612.60
x 10	34.030	680.60
x 12	40.840	816.80
1-1/4 x 1-1/2	6.380	127.60
x 2	8.500	170.00
x 2-1/2	10.630	212.60
x 3	12.750	255.00
x 3-1/2	14.880	297.60
x 4	17.000	340.00
x 4-1/2	19.130	382.60
x 5	21.250	425.00
x 5-1/2	23.380	467.60

Hot Rolled Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>20' Bar</u>
1-1/4 x 6	25.500	510.00
x 7	29.750	595.00
x 8	34.000	680.00
1-1/2 x 2	10.200	204.00
x 2-1/2	12.750	255.00
x 3	15.300	306.00
x 4	20.400	408.00
x 5	25.500	510.00
x 6	30.600	612.00
x 7	35.700	714.00
x 8	40.800	816.00
1-3/4 x 2	11.900	238.00
x 2-1/2	14.880	297.60
x 3	17.850	357.00
x 3-1/2	20.830	416.60
x 4	23.800	476.00
x 5	29.750	595.00
x 6	35.700	714.00
x 8	47.600	952.00
2 x 2-1/2	17.000	340.00
x 3	20.400	408.00
x 3-1/2	23.800	476.00
x 4	27.200	544.00
x 5	34.000	680.00
x 6	40.800	816.00
x 8	54.400	1088.00
2-1/2 x 3	25.500	510.00
x 3-1/2	29.750	595.00
x 4	34.000	680.00
x 5	42.500	850.00
x 6	51.000	1020.00
3 x 4	40.800	816.00
x 5	51.000	1020.00
x 6	61.200	1224.00

Call us for your just-in-time production requirements.

Cold Finished Rounds

<u>C1018</u> <u>Diameter</u> <u>Size in Inches</u>	<u>C1045</u> <u>Weight in Pounds</u> <u>Per Foot</u>	<u>C12L14/5</u> <u>12' Bar</u>
3/16	.094	1.13
1/4	.167	2.00
5/16	.261	3.13
3/8	.376	4.51
7/16	.511	6.13

	<u>22' Bar</u>	
1/2	.668	14.70
9/16	.845	18.59
5/8	1.040	22.88
11/16	1.260	27.72
3/4	1.502	33.04
13/16	1.763	38.79
7/8	2.045	44.99
15/16	2.347	51.63
1	2.670	58.74
1-1/16	3.015	66.33
1-1/8	3.380	74.36
1-3/16	3.766	82.85
1-1/4	4.172	91.78
1-5/16	4.600	101.20
1-3/8	5.049	111.08
1-7/16	5.518	121.40
1-1/2	6.008	132.18
1-9/16	6.519	143.42
1-5/8	7.051	155.12
1-11/16	7.604	167.29
1-3/4	8.178	179.92
1-13/16	8.773	193.01
1-7/8	9.388	206.54
1-15/16	10.024	220.53
2	10.680	234.96
2-1/16	11.360	249.92
2-1/8	12.060	265.32
2-3/16	12.78	281.16
2-1/4	13.52	297.44
2-5/16	14.28	314.16
2-3/8	15.06	331.32
2-7/16	15.87	349.14
2-1/2	16.69	367.18
2-9/16	17.53	385.66
2-5/8	18.40	404.80
2-11/16	19.29	424.38
2-3/4	20.19	444.18
2-13/16	21.12	464.64

Cold Finished Rounds

<u>C1018</u> <u>Diameter</u> <u>Size in Inches</u>	<u>C1045</u> <u>Weight in Pounds</u> <u>Per Foot</u>	<u>C12L14/5</u> <u>22' Bar</u>
2-7/8	22.07	485.54
2-15/16	23.04	506.88
3	24.03	528.66
3-1/8	26.08	573.76
3-1/4	28.21	620.62
3-3/8	30.42	669.24
3-1/2	32.71	719.62
3-5/8	35.09	771.98
3-3/4	37.55	826.10
3-7/8	40.10	882.20
4	42.73	940.06
4-1/8	45.44	999.68
4-1/4	48.23	1061.06
4-3/8	51.11	1124.42
4-1/2	54.08	1189.76
4-5/8	57.12	1256.64
4-3/4	60.25	1325.50
4-7/8	63.46	1396.12
5	66.76	1468.72
5-1/4	73.60	1619.20
5-1/2	80.78	1777.16
5-3/4	88.29	1942.38
6	96.13	2114.86
6-1/4	104.31	2294.82
6-1/2	112.82	2482.04
6-3/4	121.67	2676.74
7	130.85	2878.70
7-1/4	140.36	3087.92
7-1/2	150.21	3304.62
8	170.90	3759.80
8-1/2	192.93	4244.46
9	216.30	4758.60
10	267.00	5874.00
12	384.53	8459.66

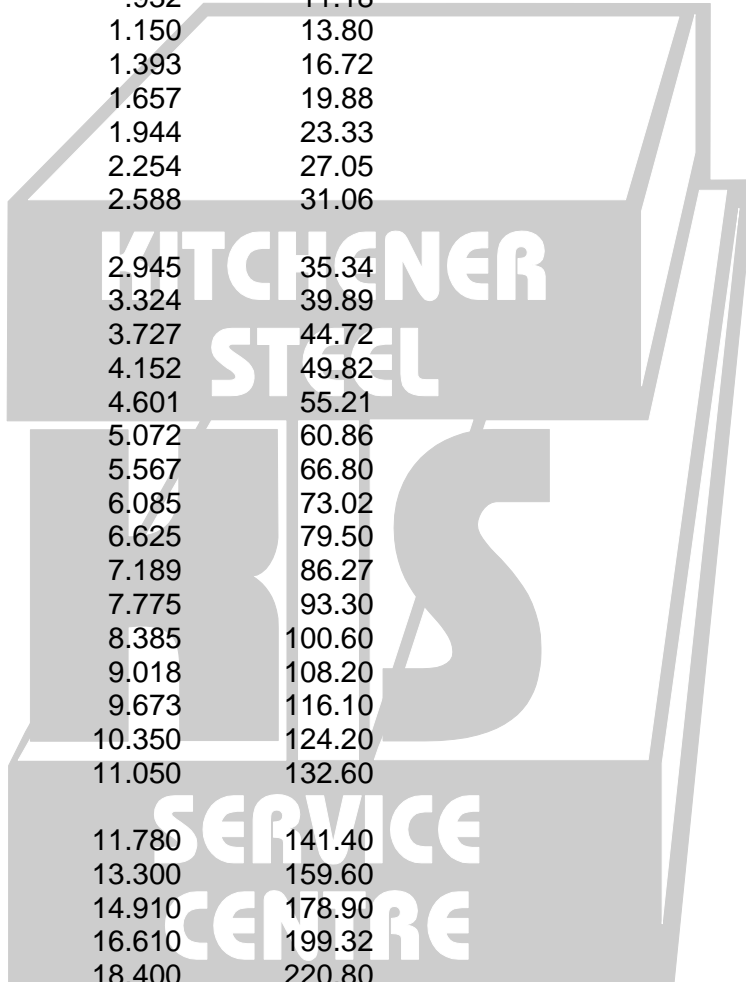
Cold Finished Squares

<u>Size in Inches</u>	<u>Weight in Pounds</u>	
	<u>Per Foot</u>	<u>12' Bar</u>
3/16	.120	1.44
1/4	.213	2.56
5/16	.332	3.98
3/8	.478	5.74
7/16	.651	7.81
1/2	.850	10.20
9/16	1.080	12.96
5/8	1.330	15.96
11/16	1.610	19.32
3/4	1.910	22.92
13/16	2.240	26.88
7/8	2.605	31.26
15/16	2.990	25.88
1	3.402	40.82
1-1/16	3.841	46.09
1-1/8	4.306	51.67
1-3/16	4.798	57.58
1-1/4	5.316	63.79
1-5/16	5.861	70.33
1-3/8	6.432	77.18
1-7/16	7.030	84.36
1-1/2	7.655	91.86
1-9/16	8.306	99.67
1-5/8	8.984	107.81
1-3/4	10.421	125.03
1-7/8	11.950	143.40
2	13.600	163.20
2-1/8	15.350	184.20
2-1/4	17.220	206.64
2-3/8	19.180	230.16
2-1/2	21.260	255.12
2-5/8	23.430	281.16
2-3/4	25.730	308.76
2-7/8	28.100	337.20
3	30.60	367.20
3-1/4	35.91	430.92
3-1/2	41.65	499.80
3-3/4	47.81	573.72
4	54.40	625.80
4-1/2	68.85	826.20
5	85.00	1020.00
5-1/2	102.85	1234.20
6	122.40	1468.80

Call us for full lengths or consider ordering cut to size.

Cold Finished Hexagons

<u>Size in Inches</u>	<u>Weight in Pounds</u>	
	<u>Per Foot</u>	<u>12' Bar</u>
1/8	.046	.55
3/16	.104	1.25
1/4	.184	2.21
5/16	.288	3.46
3/8	.414	4.97
7/16	.564	6.77
1/2	.736	8.83
9/16	.932	11.18
5/8	1.150	13.80
11/16	1.393	16.72
3/4	1.657	19.88
13/16	1.944	23.33
7/8	2.254	27.05
15/16	2.588	31.06
1	2.945	35.34
1-1/16	3.324	39.89
1-1/8	3.727	44.72
1-3/16	4.152	49.82
1-1/4	4.601	55.21
1-5/16	5.072	60.86
1-3/8	5.567	66.80
1-7/16	6.085	73.02
1-1/2	6.625	79.50
1-9/16	7.189	86.27
1-5/8	7.775	93.30
1-11/16	8.385	100.60
1-3/4	9.018	108.20
1-13/16	9.673	116.10
1-7/8	10.350	124.20
1-15/16	11.050	132.60
2	11.780	141.40
2-1/8	13.300	159.60
2-1/4	14.910	178.90
2-3/8	16.610	199.32
2-1/2	18.400	220.80
2-5/8	20.290	243.48
2-3/4	22.270	267.24
2-7/8	24.340	292.08
3	26.500	318.00
3-1/4	31.100	378.20
3-1/2	36.070	432.84
3-3/4	41.400	496.80
4	47.110	565.32



Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
1/8 x 1/2	.213	2.56
x 5/8	.266	3.19
x 3/4	.319	3.83
x 7/8	.372	4.46
x 1	.425	5.10
x 1-1/4	.531	6.37
x 1-3/8	.584	7.01
x 1-1/2	.638	7.66
x 1-3/4	.744	8.93
x 2	.850	10.20
x 2-1/4	.956	11.47
x 2-1/2	1.060	12.76
x 2-3/4	1.170	14.03
x 3	1.280	15.36
x 3-1/2	1.490	17.88
x 4	1.700	20.40
x 4-1/2	1.910	22.92
x 5	2.130	25.56
x 6	2.550	30.60
3/16 x 3/8	.239	2.87
x 1/2	.319	3.83
x 5/8	.398	4.78
x 3/4	.478	5.74
x 7/8	.558	6.70
x 1	.638	7.66
x 1-1/4	.797	9.56
x 1-3/8	.877	10.52
x 1-1/2	.956	11.47
x 1-3/4	1.120	13.44
x 2	1.280	15.36
x 2-1/4	1.430	17.16
x 2-1/2	1.590	19.08
x 2-3/4	1.750	21.00
x 3	1.910	22.92
x 3-1/4	2.070	24.84
x 3-1/2	2.230	26.76
x 3-3/4	2.390	28.68
x 4	2.550	30.60
x 4-1/2	2.870	34.42
x 5	3.190	38.28
x 6	3.830	45.96
x 8	5.100	61.20
x 10	6.380	76.56
1/4 x 3/8	.319	3.83

Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
1/4 x 1/2	.425	5.10
x 5/8	.531	6.37
x 3/4	.638	7.66
x 1	.850	10.20
x 1-1/4	1.063	12.76
x 1-1/2	1.275	15.30
x 1-3/4	1.488	17.86
x 2	1.700	20.40
x 2-1/4	1.913	22.96
x 2-1/2	2.125	25.50
x 2-3/4	2.338	28.06
x 3	2.550	30.60
x 3-1/2	2.975	35.70
x 4	3.400	40.80
x 4-1/2	3.825	45.90
x 5	4.250	51.00
x 6	5.100	61.20
x 7	5.950	71.40
x 8	6.800	81.60
x 9	7.650	91.80
x 10	8.500	102.00
x 12	10.200	122.40
5/16 x 1/2	.531	6.37
x 5/8	.664	7.97
x 3/4	.797	9.56
x 1	1.063	12.76
x 1-1/4	1.328	15.94
x 1-1/2	1.594	19.13
x 1-3/4	1.859	22.31
x 2	2.125	25.50
x 2-1/4	2.391	28.69
x 2-1/2	2.656	31.87
x 2-3/4	2.922	35.06
x 3	3.188	38.26
x 3-1/4	3.453	41.45
x 3-1/2	3.719	44.63
x 4	4.250	51.00
x 4-1/2	4.781	57.37
x 5	5.313	63.76
x 6	6.375	76.50
x 8	8.500	102.00
x 10	10.625	127.50
x 12	12.750	153.00
3/8 x 1/2	.638	7.66

Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
3/8 x 5/8	.797	9.56
x 3/4	.956	11.47
x 1	1.275	15.30
x 1-1/4	1.594	19.13
x 1-1/2	1.913	22.96
x 1-3/4	2.231	26.77
x 2	2.550	30.60
x 2-1/4	2.869	34.43
x 2-1/2	3.188	38.26
x 2-3/4	3.506	42.07
x 3	3.825	45.90
x 3-1/4	4.144	49.73
x 3-1/2	4.463	53.56
x 4	5.100	61.20
x 4-1/2	5.738	68.86
x 5	6.375	76.50
x 5-1/2	7.013	84.16
x 6	7.650	91.80
x 7	8.925	107.10
x 8	10.200	122.40
x 9	11.480	137.76
x 10	12.750	153.00
x 12	15.300	183.60
1/2 x 5/8	1.063	12.76
x 3/4	1.275	15.30
x 1	1.700	20.40
x 1-1/4	2.130	25.50
x 1-1/2	2.550	30.60
x 1-3/4	2.980	35.70
x 2	3.400	40.80
x 2-1/4	3.830	45.90
x 2-1/2	4.250	51.00
x 2-3/4	4.680	56.10
x 3	5.100	61.20
x 3-1/2	5.950	71.40
x 4	6.800	81.60
x 4-1/2	7.650	91.80
x 5	8.500	102.00
x 6	10.200	122.40
x 7	11.900	142.80
x 8	13.600	163.20
x 9	15.300	183.60
x 10	17.000	204.00
x 12	20.400	244.80

Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
5/8 x 3/4	1.59	19.13
x 1	2.13	25.50
x 1-1/4	2.66	31.87
x 1-1/2	3.19	38.20
x 1-3/4	3.72	44.63
x 2	4.25	51.00
x 2-1/4	4.78	57.37
x 2-1/2	5.31	63.76
x 2-3/4	5.84	70.13
x 3	6.38	76.50
x 3-1/2	7.44	89.26
x 4	8.50	102.00
x 4-1/2	9.56	114.76
x 5	10.63	127.50
x 5-1/2	11.69	140.26
x 6	12.75	153.00
x 7	14.88	178.50
x 8	17.00	204.00
x 9	19.13	229.56
x 10	21.25	255.00
x 12	25.50	306.00
3/4 x 1	2.55	30.60
x 1-1/4	3.19	38.26
x 1-1/2	3.83	45.90
x 1-3/4	4.46	53.56
x 2	5.10	61.20
x 2-1/4	5.74	68.86
x 2-1/2	6.38	76.50
x 2-3/4	7.01	84.16
x 3	7.65	91.80
x 3-1/4	8.29	99.46
x 3-1/2	8.93	107.10
x 3-3/4	9.56	114.72
x 4	10.20	122.40
x 4-1/2	11.48	137.70
x 5	12.75	153.00
x 5-1/2	14.03	168.30
x 6	15.30	183.60
x 7	17.85	214.20
x 8	20.40	244.80
x 9	22.95	275.40
x 10	25.50	306.00
x 12	30.60	367.20
7/8 x 1	2.98	35.70

Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
7/8 x 1-1/4	3.72	44.63
x 1-1/2	4.46	53.56
x 1-3/4	5.21	62.47
x 2	5.95	71.40
x 2-1/4	6.69	80.33
x 2-1/2	7.44	89.26
x 2-3/4	8.18	98.17
x 3	8.93	107.10
x 3-1/2	10.41	124.96
x 4	11.90	142.80
x 4-1/2	13.39	160.66
x 5	14.88	178.50
x 6	17.85	214.20
x 8	23.80	285.10
x 10	29.75	357.00
x 12	35.70	428.40
1 x 1-1/4	4.25	51.00
x 1-1/2	5.10	61.20
x 1-3/4	5.95	71.40
x 2	6.80	81.60
x 2-1/4	7.65	91.80
x 2-1/2	8.50	102.00
x 2-3/4	9.35	112.20
x 3	10.20	122.40
x 3-1/2	11.90	142.80
x 4	13.60	163.20
x 4-1/2	15.30	183.60
x 5	17.00	204.00
x 6	20.40	244.80
x 7	23.80	285.60
x 8	27.20	326.40
x 9	30.60	367.20
x 10	34.00	408.00
x 12	40.80	489.60
1-1/4 x 1-1/2	6.38	76.50
x 1-3/4	7.44	89.26
x 2	8.50	102.00
x 2-1/4	9.56	114.76
x 2-1/2	10.63	127.50
x 2-3/4	11.69	140.26
x 3	12.75	153.00
x 3-1/2	14.88	178.50
x 4	17.00	204.00
x 4-1/2	19.13	229.56

Cold Finished Flats

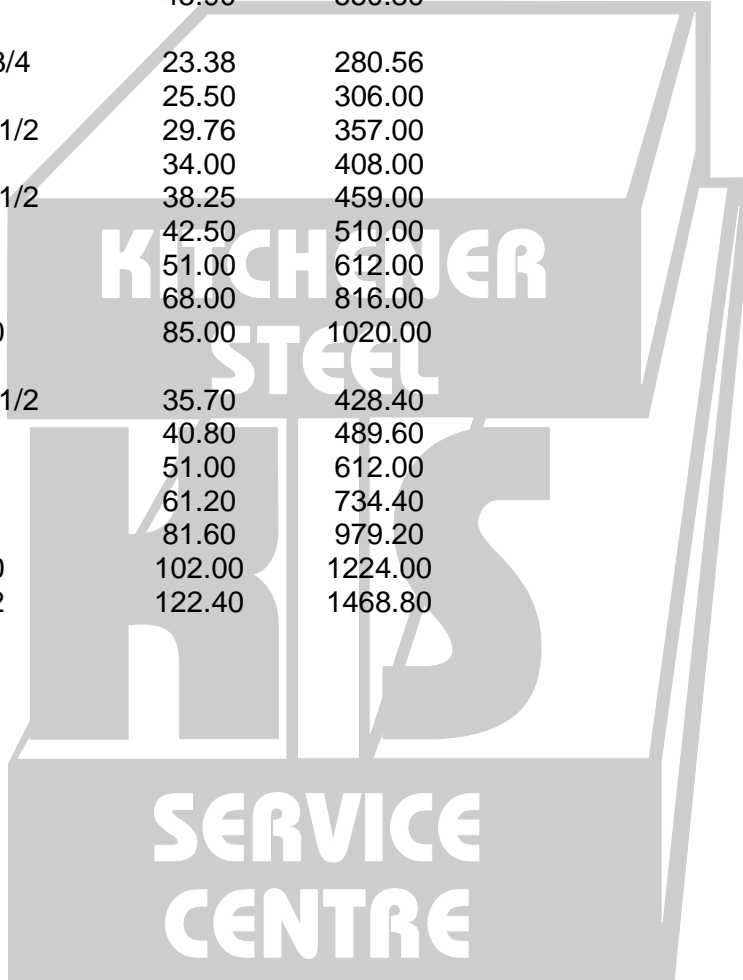
Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
1-1/4 x 5	21.25	255.00
x 6	25.50	306.00
x 8	34.00	408.00
x 10	42.50	510.00
x 12	51.00	612.00
1-1/2 x 1-3/4	8.93	107.10
x 2	10.20	122.40
x 2-1/4	11.48	137.70
x 2-1/2	12.75	153.00
x 2-3/4	14.03	168.30
x 3	15.30	183.60
x 3-1/4	16.58	198.96
x 3-1/2	17.85	214.20
x 4	20.40	244.80
x 4-1/2	22.95	275.40
x 5	25.50	306.00
x 6	30.60	367.20
x 8	40.80	489.60
x 10	51.00	612.00
x 12	61.20	734.40
1-3/4 x 2	11.90	142.80
x 2-1/4	13.39	160.68
x 2-1/2	14.88	178.56
x 2-3/4	16.36	196.32
x 3	17.85	214.20
x 3-1/2	20.83	249.96
x 4	23.80	285.60
x 5	29.75	357.00
x 6	35.70	428.40
2 x 2-1/4	15.30	183.60
x 2-1/2	17.00	204.00
x 2-3/4	18.70	224.40
x 3	20.40	244.80
x 3-1/2	23.80	285.60
x 4	27.20	326.40
x 4-1/2	30.60	367.20
x 5	34.00	408.00
x 6	40.80	489.60
x 8	54.40	652.80
x 10	68.00	816.00
x 12	81.60	979.20
2-1/4 x 2-1/2	19.13	229.50

Cold Finished Flats

Weight in Pounds

<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
2-1/4 x 3	22.95	275.40
x 3-1/4	24.86	298.36
x 3-1/2	26.78	321.30
x 4	30.60	367.20
x 4-1/2	34.43	413.10
x 5	38.25	459.00
x 6	45.90	550.80
2-1/2 x 2-3/4	23.38	280.56
x 3	25.50	306.00
x 3-1/2	29.76	357.00
x 4	34.00	408.00
x 4-1/2	38.25	459.00
x 5	42.50	510.00
x 6	51.00	612.00
x 8	68.00	816.00
x 10	85.00	1020.00
3 x 3-1/2	35.70	428.40
x 4	40.80	489.60
x 5	51.00	612.00
x 6	61.20	734.40
x 8	81.60	979.20
x 10	102.00	1224.00
x 12	122.40	1468.80



***We deliver anywhere in
Southwestern Ontario.***

ANGLES

Bar Size

Structural



Bar Size Angles

Weight in Pounds

<u>Size in Inches</u>			<u>Per Foot</u>	<u>20' Bar</u>
1/2	x 1/2	x 1/8	.38	7.6
3/4	x 3/4	x 1/8	.59	11.8
1	x 1	x 1/8	.80	16.0
		x 3/16	1.16	23.2
		x 1/4	1.49	29.8
1-1/4	x 1-1/4	x 1/8	1.01	20.2
		x 3/16	1.48	29.6
		x 1/4	1.92	38.4
1-1/2	x 1-1/2	x 1/8	1.23	24.6
		x 3/16	1.80	36.0
		x 1/4	2.34	46.8
1-3/4	x 1-3/4	x 1/8	1.44	28.8
		x 3/16	2.12	42.4
		x 1/4	2.77	55.4
2	x 1-1/2	x 1/8	1.44	28.8
		x 3/16	2.12	42.4
		x 1/4	2.77	55.4
2	x 2	x 1/8	1.65	33.0
		x 3/16	2.44	48.8
		x 1/4	3.19	63.8
		x 5/16	3.92	78.4
		x 3/8	4.70	94.0
2-1/2	x 1-1/2	x 3/16	2.44	48.8
		x 1/4	3.19	63.8
2-1/2	x 2	x 3/16	2.75	55.0
		x 1/4	3.62	72.4
		x 5/16	4.50	90.0
		x 3/8	5.30	106.0
2-1/2	x 2-1/2	x 3/16	3.07	61.4
		x 1/4	4.10	82.0
		x 5/16	5.00	100.0
		x 3/8	5.90	118.0
		x 1/2	7.70	154.0

Structural Angles

Weight in Pounds

<u>Size in Inches</u>		<u>Per Foot</u>	<u>20' Bar</u>	<u>40' Bar</u>
3 x 2	x 3/16	3.07	61.4	122.8
	x 1/4	4.10	82.0	164.0
	x 5/16	5.00	100.0	200.0
	x 3/8	5.90	118.0	236.0
	x 1/2	7.70	154.0	308.0
3 x 2-1/2	x 1/4	4.50	90.0	180.0
	x 5/16	5.60	112.0	224.0
	x 3/8	6.60	132.0	264.0
	x 1/2	8.50	170.0	340.0
3 x 3	x 3/16	3.71	74.2	148.4
	x 1/4	4.90	98.0	196.0
	x 5/16	6.10	122.0	244.0
	x 3/8	7.20	144.0	288.0
3-1/2 x 2-1/2	x 1/2	9.40	188.0	376.0
	x 1/4	4.90	98.0	196.0
	x 5/16	6.10	122.0	244.0
	x 3/8	7.20	144.0	288.0
3-1/2 x 3	x 1/2	9.40	188.0	376.0
	x 1/4	5.40	108.0	216.0
	x 5/16	6.60	132.0	264.0
	x 3/8	7.90	158.0	316.0
3-1/2 x 3-1/2	x 1/2	10.20	204.0	408.0
	x 1/4	5.80	116.0	232.0
	x 5/16	7.20	144.0	288.0
	x 3/8	8.50	170.0	340.0
4 x 3	x 1/2	11.10	222.0	444.0
	x 1/4	5.80	116.0	232.0
	x 5/16	7.20	144.0	288.0
	x 3/8	8.50	170.0	340.0
4 x 3-1/2	x 1/2	11.10	222.0	444.0
	x 1/4	6.20	124.0	248.0
	x 5/16	7.70	154.0	308.0
	x 3/8	9.10	182.0	364.0
4 x 4	x 1/2	11.90	238.0	476.0
	x 1/4	6.6	132	264
	x 5/16	8.2	164	328
	x 3/8	9.8	196	392
	x 1/2	12.8	256	512
	x 5/8	15.7	314	628
5 x 3	x 3/4	18.5	370	740
	x 1/4	6.6	132	264
	x 5/16	8.2	164	328
	x 3/8	9.8	196	392
5 x 3-1/2	x 1/2	12.8	256	512
	x 1/4	7.0	140	280
	x 5/16	8.7	174	348

Structural Angles

Weight in Pounds

Size in Inches		Per Foot	20' Bar	40' Bar	
5	x 3-1/2	x 3/8	10.4	208	416
		x 1/2	13.6	272	544
		x 5/8	16.8	336	672
		x 3/4	19.8	396	792
5	x 5	x 1/4	8.3	166	332
		x 5/16	10.3	206	412
		x 3/8	12.3	246	492
		x 1/2	16.2	324	648
		x 5/8	20.0	400	800
6	x 3-1/2	x 3/4	23.6	472	944
		x 5/16	9.8	196	392
		x 3/8	11.7	234	468
		x 1/2	15.3	306	612
6	x 4	x 5/16	10.3	206	412
		x 3/8	12.3	246	492
		x 1/2	16.2	324	648
		x 5/8	20.0	400	800
		x 3/4	23.6	472	944
6	x 6	x 5/16	12.5	250	500
		x 3/8	14.9	298	596
		x 1/2	19.6	392	784
		x 5/8	24.2	484	968
		x 3/4	28.7	574	1148
		x 7/8	33.1	662	1324
		x 1	37.4	748	1496
7	x 4	x 3/8	13.6	272	544
		x 1/2	17.9	358	716
		x 5/8	22.1	442	884
		x 3/4	26.2	524	1048
8	x 4	x 1/2	19.6	392	784
		x 5/8	24.2	484	968
		x 3/4	28.7	574	1148
8	x 6	x 1/2	23.0	460	920
		x 5/8	28.5	570	1140
		x 3/4	33.8	676	1352
		x 1	44.2	884	1768
8	x 8	x 1/2	26.4	528	1056
		x 5/8	32.7	654	1308
		x 3/4	38.9	778	1556
		x 7/8	45.0	900	1800
		x 1	51.0	1020	2040

**Structural Angles can be supplied in 20', 40',
or cut to your required length.**

CHANNELS

Bar Size

Junior

Structural

Miscellaneous

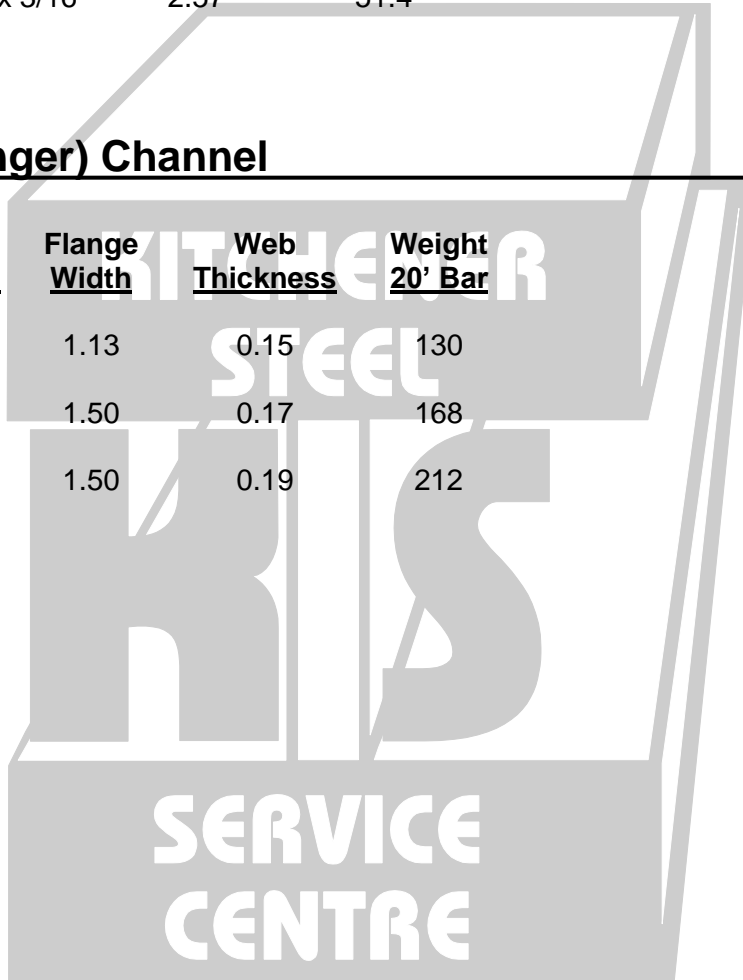


Bar Size Channel

			<u>Weight in Pounds</u>	
<u>Size in Inches</u>			<u>Per Foot</u>	<u>20' Bar</u>
3/4	x 3/8	x 1/8	.56	11.2
1	x 3/8	x 1/8	.68	13.6
	x 1/2	x 1/8	.83	16.6
1-1/4	x 1/2	x 1/8	1.00	20.0
1-1/2	x 1/2	x 1/8	1.04	20.8
2	x 1/2	x 1/8	1.33	26.6
2	x 1	x 3/16	2.57	51.4

Junior (Stringer) Channel

<u>Size in Inches</u>	<u>Weight Per Foot</u>	<u>Flange Width</u>	<u>Web Thickness</u>	<u>Weight 20' Bar</u>
10	6.5	1.13	0.15	130
10	8.4	1.50	0.17	168
12	10.6	1.50	0.19	212



Structural Channels

Nominal Size in Inches	Weight Pounds	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth mm	Flange Width mm	Web Thickness mm
3	4.10	1.410	0.170	C75x6	76	35	4.3
3	5.00	1.498	0.258	C75x7	76	37	6.6
3	6.00	1.596	0.356	C75x9	76	40	9.0
4	5.40	1.580	0.180	C100x8	102	40	4.7
4	6.25	1.647	0.247	C100x9	102	42	6.3
4	7.25	1.720	0.320	C100x11	102	43	8.2
5	6.70	1.750	0.190	C130x10	127	44	4.8
5	9.00	1.885	0.325	C130x13	127	47	8.3
5	11.50	2.032	0.472				
6	8.20	1.920	0.200	C150x12	152	48	5.1
6	10.50	2.034	0.314	C150x16	152	51	8.0
6	13.00	2.157	0.437	C150x19	152	54	11.1
7	9.80	2.090	0.210	C180x15	178	53	5.3
7	12.25	2.194	0.314	C180x18	178	55	8.0
7	14.75	2.299	0.419	C180x22	178	58	10.6

Structural Channels

Nominal Size in Inches	Weight Pounds	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth mm	Flange Width mm	Web Thickness mm
8	8.50	1.875	0.180				
8	11.50	2.260	0.220	C200x17	203	57	5.6
8	13.75	2.343	0.303	C200x21	203	59	7.7
8	18.75	2.527	0.487	C200x28	203	64	12.4
9	13.40	2.430	0.230	C230x20	229	61	5.9
9	15.00	2.485	0.285	C230x22	229	63	7.2
9	20.00	2.648	0.448	C230x30	229	67	11.4
10	15.30	2.600	0.240	C250x23	254	65	6.1
10	20.00	2.739	0.379	C250x30	254	69	9.6
10	25.00	2.886	0.526	C250x37	254	76	14.3
10	30.00	3.033	0.673	C250x45	254	76	17.1
12	20.7	2.940	0.280	C310x31	305	74	7.2
12	25.0	3.047	0.387	C310x37	305	77	9.8
12	30.0	3.170	0.510	C310x45	305	80	13.0
15	33.9	3.400	0.400	C380x50	381	86	10.2
15	40.0	3.520	0.520	C380x60	381	89	13.2
15	50.0	3.716	0.716	C380x74	381	94	18.2

**Some of the most diversified steel service centres
in Southwestern Ontario.**

Miscellaneous Channels

<u>Nominal Size</u>	<u>Wt in Pounds</u>	<u>Flange Width</u>	<u>Web Thickness</u>	<u>20' Bar</u>
3"	7.1	1.940	0.312	142
4"	13.8	2.500	0.500	276
6"	12.0	2.500	0.313	240
6"	15.1	2.940	0.313	302
6"	15.3	3.500	0.340	306
6"	16.3	3.000	0.375	326
6"	18.0	3.500	0.375	360
7"	17.6	3.000	0.375	352
7"	19.1	3.450	0.350	382
7"	22.7	3.600	0.500	454
8"	18.7	2.975	0.350	374
8"	20.0	3.020	0.400	400
8"	21.4	3.450	0.375	428
8"	22.8	3.500	0.425	456
9"	23.9	3.450	0.400	478
9"	25.4	3.500	0.450	408
10"	21.9	3.450	0.325	438
10"	24.9	3.400	0.375	498
10"	25.3	3.550	0.425	506
10"	28.3	3.500	0.475	566
10"	28.5	3.950	0.425	570
10"	33.6	4.100	0.575	672
12"	30.9	3.450	0.450	618
12"	32.9	3.500	0.500	658
12"	35.0	3.770	0.467	700
12"	37.0	3.600	0.600	740
12"	40.0	3.890	0.590	800
12"	45.0	4.012	0.712	900
12"	50.0	4.135	0.835	1000
13"	31.8	4.000	0.375	636
13"	35.0	4.072	0.447	700
13"	40.0	4.185	0.560	800
13"	50.0	4.412	0.787	1000
15"	50.0	4.000	0.625	1000
15"	53.2	4.063	0.688	1064
15"	56.4	4.126	0.751	1128
15"	59.6	4.188	0.813	1192

Miscellaneous Channels

<u>Nominal Size</u>	<u>Wt in Pounds</u>	<u>Flange Width</u>	<u>Web Thickness</u>	<u>20' Bar</u>
15"	62.8	4.251	0.876	1256
15"	65.9	4.312	0.937	1318
15"	69.1	4.375	1.000	1382
15"	75.0	4.491	1.116	1500
18"	42.7	3.950	0.450	854
18"	45.8	4.000	0.500	916
18"	51.9	4.100	0.600	1038
18"	58.0	4.200	0.700	1160



***All Channels can be supplied in 20', 40',
or cut to your required length.***

BEAMS

Standard "I"

Wide Flange

Junior

Super Light



Standard "I" Beams

Nominal Size in Inches	Weight Pounds	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth mm	Flange		Web	
						Width mm	Thickness mm	Width mm	Thickness mm
3"	5.70	2.330	0.170	S75x8	76	59	4.3		
3"	7.50	2.509	0.349	S75x11	76	63	8.9		
4"	7.70	2.660	0.190	S100x11	102	67	4.8		
4"	9.50	2.796	0.326	S100x14.1	102	70	8.3		
5"	10.00	3.000	0.210	S130x15	127	76	5.3		
5"	14.75	3.284	0.494	S130x22	127	83	12.5		
6"	12.50	3.330	0.230	S150x19	152	84	5.8		
6"	17.25	3.565	0.465	S150x26	152	90	11.8		
7"	15.30	3.660	0.250	S180x22.8	178	92	6.4		
7"	20.00	3.860	0.450	S180x30	178	97	11.4		
8"	18.40	4.000	0.270	S200x27	203	102	6.9		
8"	23.00	4.171	0.441	S200x34	203	106	11.2		
10"	25.40	4.660	0.310	S250x38	254	118	7.9		
10"	35.00	4.944	0.594	S250x52	254	126	15.1		

Standard "I" Beams

Nominal Size in Inches	Weight Pounds	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth mm	Flange		Web	
						Width mm	Thickness mm	Width mm	Thickness mm
12"	31.80	5.000	0.350	S310x47	305	127	8.9		
12"	35.00	5.078	0.428	S310x52	305	129	10.9		
12"	40.80	5.250	0.460	S310x60.7	305	133	11.7		
12"	50.00	5.477	0.687	S310x74	305	139	17.4		
15"	42.90	5.500	0.410	S380x64	381	140	10.4		
15"	50.00	5.640	0.550	S380x74	381	143	14.0		
18"	54.70	6.000	0.460	S460x81.4	457	152	11.7		
18"	70.00	6.251	0.711	S460x104	457	159	18.1		
20"	65.40	6.250	0.500	S510x97.3	508	159	12.7		
20"	75.00	6.391	0.641	S510x112	508	162	16.3		
20"	85.00	7.053	0.653	S510x127	508	179	16.6		
20"	95.00	7.200	0.800	S510x141	508	179	16.6		
24"	79.90	7.000	0.500	S610x118.9	610	178	12.7		
24"	90.00	7.124	0.624	S610x134	610	181	15.8		
24"	100.00	7.247	0.747	S610x149	610	184	19.0		
24"	105.90	7.875	0.625	S610x157.6	610	200	15.9		
24"	120.00	8.048	0.798	S610x179	610	204	20.3		

Wide Flange Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W4x13	4.00	3.930	0.250	W100x19	106	103	8.8	7.10
W5x16*	5.00	5.000	0.240	W130x24	127	127	9.1	6.10
W5x19*	5.15	5.030	0.270	W130x28	131	128	10.9	6.90
W6x9*	5.90	3.940	0.170	W150x14	150	100	5.5	4.30
W6x12*	6.00	4.000	0.230	W150x18	153	102	7.1	5.80
W6x16*	6.25	4.030	0.260	W150x24	160	102	10.3	6.60
W6x15	5.99	5.990	0.230	W150x22	152	152	6.6	5.80
W6x20	6.20	6.018	0.258	W150x30	157	153	9.3	6.60
W6x25	6.37	6.080	0.320	W150x37	162	154	11.6	8.10
W8x13*	8.00	4.000	0.230	W200x19	203	102	6.5	5.80
W8x15*	8.12	4.015	0.245	W200x22	206	102	8.0	6.20
W8x14	8.00	5.210	0.195	W200x21	203	133	6.0	4.95
W8x18	8.14	5.250	0.230	W200x27	207	133	8.4	5.80
W8x21	8.28	5.270	0.250	W200x31	210	134	10.2	6.40
W8x24	7.93	6.500	0.245	W200x36	201	165	10.2	6.20
W8x28	8.06	6.540	0.285	W200x42	205	166	11.8	7.20
W8x31	8.00	8.000	0.288	W200x46	203	203	11.0	7.20
W8x35	8.12	8.027	0.315	W200x52	206	204	12.6	7.90
W8x40	8.25	8.077	0.365	W200x59	210	205	14.2	9.10
W8x48	8.50	8.177	0.405	W200x71	216	206	17.4	10.20
W8x58	8.75	8.222	0.510	W200x86	222	209	20.6	13.00
W8x67	9.00	8.287	0.575	W200x100	229	210	23.7	14.50
W10x15*	10.00	4.000	0.230	W250x22	254	102	6.9	5.80
W10x16	9.950	5.710	0.250	W250x24	253	145	6.35	4.95

Wide Flange Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W10x17*	10.12	4.010	0.240	W250x25	257	102	8.4	6.10
W10x19*	10.250	4.020	0.250	W250x28	260	102	10.00	6.40
W10x22	10.170	5.750	0.240	W250x33	258	146	9.10	6.10
W10x26	10.330	5.770	0.260	W250x39	262	147	11.20	6.60
W10x30	10.470	5.810	0.300	W250x45	266	148	13.00	7.60
W10x33	9.750	7.964	0.292	W250x49	247	202	11.00	7.40
W10x39	9.940	7.990	0.318	W250x58	252	203	13.50	8.00
W10x45	10.120	8.022	0.350	W250x67	257	204	15.70	8.90
W10x49	10.000	10.000	0.340	W250x73	253	254	14.20	8.60
W10x54	10.120	10.028	0.368	W250x80	256	255	15.60	9.40
W10x57	10.012	10.224	0.564	W250x85	254	260	14.40	14.40
W10x60	10.250	10.075	0.415	W250x89	260	256	17.30	10.70
W10x68	10.400	10.130	0.470	W250x101	264	257	19.60	11.90
W10 x77	10.600	10.190	0.530	W250x115	269	259	22.10	13.50
W10x88	10.840	10.260	0.605	W250x131	275	261	25.10	15.40
W10x100	11.120	10.345	0.685	W250x149	282	263	28.40	17.30
W10x112	11.380	10.415	0.755	W250x167	289	265	31.80	19.20
W12x16*	11.990	3.990	0.220	W310x24	305	101	6.70	5.60
W12x19*	12.160	4.010	0.240	W310x28	309	102	8.90	6.00
W12x22*	12.310	4.030	0.260	W310x33	313	102	10.80	6.60
W12x21	12.040	6.450	0.290	W310x31	306	164	7.37	4.95
W12x26	12.220	6.490	0.230	W310x39	310	165	9.70	5.80
W12x30	12.340	6.520	0.260	W310x45	313	166	11.20	6.60
W12x35	12.500	6.560	0.300	W310x52	317	167	13.20	7.60

Wide Flange Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W12x40	11.94	8.000	0.294	W310x60	303	203	13.1	7.5
W12x45	12.06	8.042	0.336	W310x67	306	204	14.6	8.5
W12x50	12.19	8.077	0.371	W310x74	310	205	16.3	9.4
W12x53	12.06	10.000	0.345	W310x79	306	254	14.6	8.8
W12x58	12.19	10.014	0.359	W310x86	310	254	16.3	9.1
W12x65	12.12	12.000	0.390	W310x97	308	305	15.4	9.9
W12x72	12.25	12.040	0.430	W310x107	311	306	17.0	10.9
W12x79	12.38	12.080	0.470	W310x118	314	307	18.7	11.9
W12x87	12.53	12.120	0.515	W310x129	318	308	20.6	13.1
W12x96	12.71	12.160	0.550	W310x143	323	309	22.9	14.0
W12x106	12.88	12.230	0.620	W310x158	327	310	25.1	15.5
W12x120	13.12	12.320	0.710	W310x179	333	313	28.1	18.0
W12x136	13.41	12.400	0.790	W310x202	341	315	31.8	20.1
W12x152	13.71	12.480	0.870	W310x226	348	317	35.6	22.1
W12x170	14.03	12.570	0.960	W310x253	356	319	39.6	24.4
W12x190	14.38	12.670	1.060	W310x283	365	322	44.1	26.9
W14x22	13.72	5.000	0.230	W360x33	349	127	8.5	5.8
W14x26	13.98	5.025	0.255	W360x39	353	128	10.7	6.5
W14x30	13.86	6.733	0.270	W360x45	352	171	9.8	6.9
W14x34	14.00	6.750	0.287	W360x51	355	171	11.6	7.2
W14x38	14.12	6.776	0.313	W360x57	358	172	13.1	7.9
W14x43	13.68	8.000	0.308	W360x64	347	203	13.5	7.7
W14x48	13.81	8.031	0.339	W360x72	350	204	15.1	8.6
W14x53	13.94	8.062	0.370	W360x79	354	205	16.8	9.4
W14x61	13.91	10.000	0.378	W360x91	353	254	16.4	9.5

Wide Flange Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W14x68*	14.06	10.040	0.418	W360x101	357	255	18.3	10.5
W14x74*	14.19	10.072	0.450	W360x110	360	256	19.9	11.4
W14x82*	14.31	10.130	0.510	W360x122	363	257	21.7	13.0
W14x90*	14.02	14.520	0.440	W360x134	356	369	18.0	11.2
W14x99*	14.16	14.560	0.485	W360x147	360	370	19.8	12.3
W14x109*	14.32	14.600	0.525	W360x162	364	371	21.8	13.3
W14x120*	14.48	14.670	0.590	W360x179	368	373	23.9	15.0
W14x132*	14.66	14.720	0.645	W360x196	372	374	26.2	16.4
W16x26	15.65	5.500	0.250	W410x39	399	140	8.8	6.4
W16x31	15.84	5.525	0.275	W410x46	403	140	11.2	7.0
W16x36	15.85	6.992	0.299	W410x54	403	177	10.9	7.5
W16x40	16.00	7.000	0.307	W410x60	407	178	12.8	7.7
W16x45	16.12	7.039	0.346	W410x67	710	179	14.4	8.8
W16x50	16.25	7.073	0.380	W410x74	413	180	16.0	9.7
W16x57	16.43	7.120	0.430	W410x85	417	181	18.2	10.9
W16x67*	16.33	10.240	0.395	W410x100	415	260	16.9	10.0
W16x77*	16.52	10.300	0.455	W410x114	420	261	19.3	11.6
W16x89*	16.75	10.360	0.525	W410x132	425	263	22.2	13.3
W16x100*	16.97	10.420	0.585	W410x149	431	265	25.0	14.9
W18x35*	17.62	7.410	0.265	W460x52	450	152	10.8	7.6
W18x41	17.70	7.450	0.320	W460x61	450	189	10.8	8.1
W18x45	17.86	7.480	0.335	W460x67	454	190	12.7	8.5
W18x50	18.00	7.500	0.358	W460x74	457	190	14.5	9.0
W18x55	18.12	7.532	0.390	W460x82	460	191	16.0	9.9

Wide Flange Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W18x60	18.25	7.558	0.416	W460x89	463	192	17.7	10.5
W18x65	18.35	7.590	0.450	W460x97	466	193	19.0	11.4
W18x71	18.47	7.640	0.495	W460x106	469	194	20.6	12.6
W18x76*	18.21	11.040	0.425	W460x113	463	280	17.3	10.8
W18x86*	18.39	11.090	0.480	W460x128	467	282	19.6	12.2
W18x97*	18.59	11.140	0.535	W460x144	472	283	22.1	13.6
W18x106*	18.73	11.200	0.590	W460x158	476	284	23.9	15.0
W18x119*	18.97	11.260	0.655	W460x177	482	286	26.9	16.6

*Not produced in Canada.

Larger sizes of Wide Flange Beam available on request.

Junior Beams

Imperial Size & Weight/Ft.	Depth in Inches	Flange Width in Inches	Web Thickness in Inches	Canadian Metric	Depth in mm	Flange Width in mm	Flange Thickness in mm	Web Thickness in mm
W6x4.4*	6	1.840	0.114	M150x6.5	152	46	4.3	2.9
W7x5.5*	7	2.078	0.126	M180x8.2	178	52	4.6	3.3
W8x6.5*	8	2.281	0.135	M200x9.7	203	57	4.8	3.4
W10x9*	10	2.690	0.155	M250x13.4	254	68	5.2	4.0
W12x11.8	12	3.063	0.175	M310x17.6	305	77	5.7	4.5

***Not produced in Canada.**

Super Light Beams

Nominal Size in Inches	Nominal Weight per Foot	Depth in Inches	Flange Width in Inches	Average Flange Thickness in Inches	Web Thickness in Inches
3	2.90	3	2.25	0.130	0.087
4	3.20	4	2.25	0.129	0.092
4	3.64	4	2.25	0.129	0.125

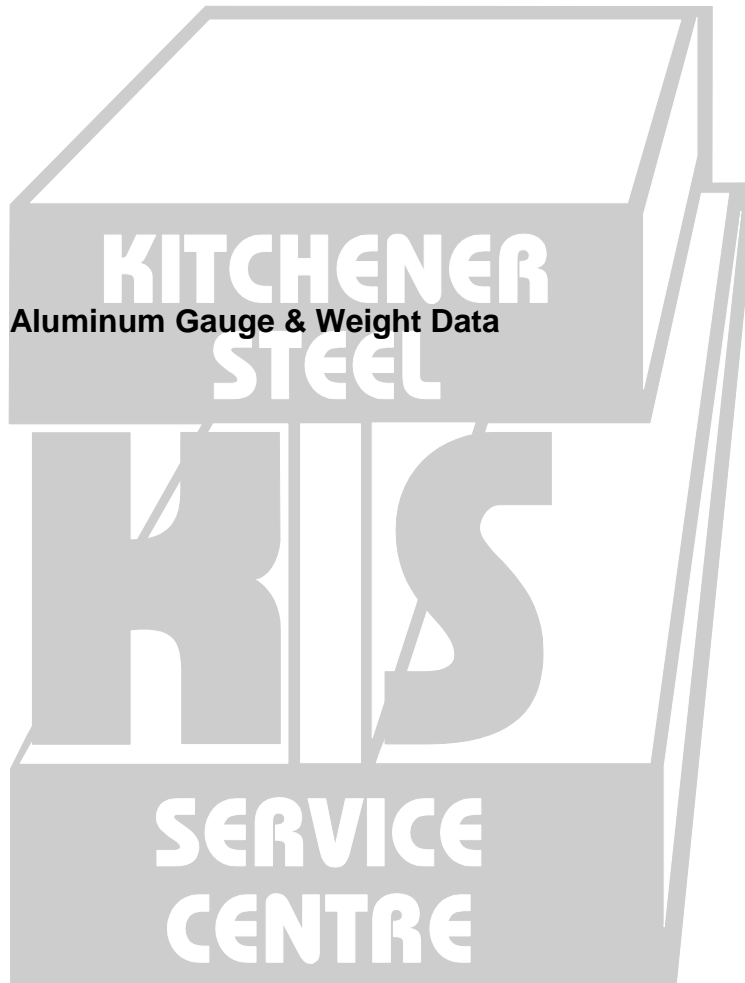
SHEETS

Hot Rolled

Cold Rolled

Galvanized

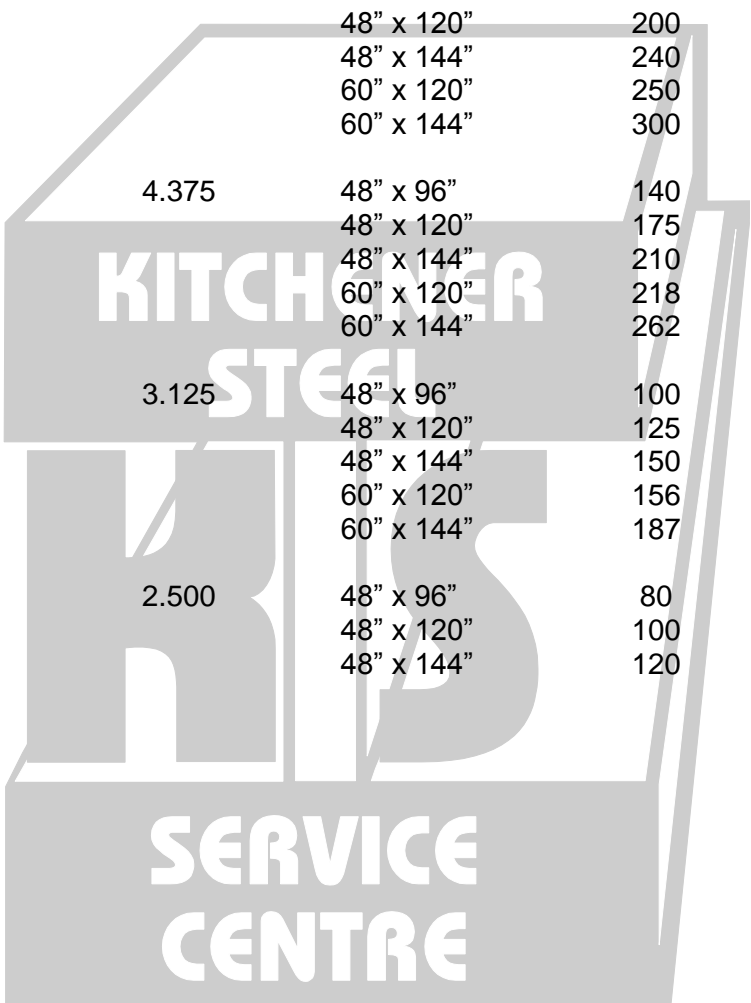
Steel, Stainless, Aluminum Gauge & Weight Data



Hot Rolled Sheets

Commercial Quality – Mill Edge

<u>Gauge</u>	<u>Decimal</u>	<u>Weight per sq. ft.</u>	<u>Sheet Size</u>	<u>Weight per Sheet</u>
10	0.1345	5.625	48" x 96"	180
			48" x 120"	225
			48" x 144"	270
			60" x 120"	281
			60" x 144"	337
11	0.1196	5.000	48" x 96"	160
			48" x 120"	200
			48" x 144"	240
			60" x 120"	250
			60" x 144"	300
12	0.1046	4.375	48" x 96"	140
			48" x 120"	175
			48" x 144"	210
			60" x 120"	218
			60" x 144"	262
14	0.0747	3.125	48" x 96"	100
			48" x 120"	125
			48" x 144"	150
			60" x 120"	156
			60" x 144"	187
16	0.0598	2.500	48" x 96"	80
			48" x 120"	100
			48" x 144"	120



Unmatched Timely Delivery

Cold Rolled Sheets

ASTM A-366

Commercial Quality – Oiled

<u>Gauge</u>	<u>Decimal</u>	<u>Weight per sq. ft.</u>	<u>Sheet Size</u>	<u>Weight per Sheet</u>
10	0.1345	5.625	48" x 96"	180.00
			48" x 120"	225.00
11	0.1196	5.000	48" x 96"	160.00
			48" x 120"	200.00
12	0.1046	4.375	48" x 96"	140.00
			48" x 120"	175.00
14	0.0747	3.125	36" x 96"	75.00
			36" x 120"	93.80
			48" x 96"	100.00
			48" x 120"	125.00
16	0.0598	2.500	36" x 96"	60.00
			36" x 120"	75.00
			48" x 96"	80.00
			48" x 120"	100.00
18	0.0478	2.000	36" x 96"	48.00
			36" x 120"	60.00
			48" x 96"	64.00
			48" x 120"	80.00
20	0.0359	1.500	36" x 96"	36.00
			36" x 120"	45.00
			48" x 96"	48.00
			48" x 120"	60.00
22	0.0299	1.250	36" x 96"	30.00
			36" x 120"	37.50
			48" x 96"	40.00
			48" x 120"	50.00
24	0.0239	1.000	36" x 96"	24.00
			36" x 120"	30.00
			48" x 96"	32.00
			48" x 120"	40.00
26	0.0179	0.780	36" x 96"	18.00
			36" x 120"	22.50
			48" x 96"	24.00
			48" x 120"	30.00
28	0.0149	0.625	36" x 96"	15.00
			36" x 120"	18.75

Galvanized Steel Sheets

G-90

<u>Gauge</u>	<u>Decimal</u>	<u>Weight per sq. ft.</u>	<u>Sheet Size</u>	<u>Weight per Sheet</u>
10	0.138	5.781	48" x 96"	185.0
			48" x 120"	231.2
12	0.108	4.531	48" x 96"	145.0
			48" x 120"	181.2
14	0.079	3.281	48" x 96"	105.0
			48" x 120"	131.2
16	0.064	2.656	36" x 96"	63.8
			36" x 120"	79.7
			48" x 96"	85.0
			48" x 120"	106.2
18	0.052	2.156	36" x 96"	51.8
			36" x 120"	64.7
			48" x 96"	69.0
			48" x 120"	86.2
20	0.040	1.656	36" x 96"	39.8
			36" x 120"	49.7
			48" x 96"	53.0
			48" x 120"	66.2
22	0.034	1.406	36" x 96"	33.8
			36" x 120"	42.2
			48" x 96"	45.0
			48" x 120"	56.2
24	0.028	1.156	36" x 96"	27.8
			36" x 120"	34.7
			48" x 96"	37.0
			48" x 120"	46.2
26	0.022	0.906	30" x 96"	18.1
			30" x 120"	22.7
			36" x 96"	21.8
			36" x 120"	27.2
			48" x 96"	29.0
			48" x 120"	36.2
28	0.019	0.781	30" x 96"	15.6
			30" x 120"	19.5
			36" x 96"	18.8
			36" x 120"	23.4

Galvanized Steel Sheets

G-90

<u>Gauge</u>	<u>Decimal</u>	<u>Weight per sq. ft.</u>	<u>Sheet Size</u>	<u>Weight per Sheet</u>
30	0.016	0.656	30" x 96"	13.1
			30" x 120"	16.4
			36" x 96"	15.8
			36" x 120"	19.7



Competitive Pricing

Sheet Gauges

Gauge No.	Steel Sheets		Galvanized		Stainless Sheet		Aluminum	
	Weight Lbs. per Sq. Ft.	Thickness in Inches	Weight Lbs. per Sq. Ft.	Thickness in Inches	Per Sq. Ft. Chromium Nickel	Thickness in Inches	Weight Lbs. per Sq. Ft.	Thickness in Inches
32	0.40625	0.0097	0.56250	0.0134	0.3780	0.010	0.1121	0.00795
31	0.43750	0.0105	0.59375	0.0142	0.4594	0.011	0.1259	0.00893
30	0.50000	0.0120	0.65625	0.0157	0.5250	0.013	0.1410	0.01000
29	0.56250	0.0135	0.71875	0.0172	0.5906	0.014	0.1593	0.01130
28	0.62500	0.0149	0.78125	0.0187	0.6562	0.016	0.1777	0.01260
27	0.68750	0.0164	0.84375	0.0202	0.7218	0.017	0.2002	0.01420
26	0.75000	0.0179	0.90625	0.0217	0.7875	0.019	0.2242	0.01590
25	0.87500	0.0209	1.03125	0.0247	0.9187	0.022	0.2524	0.01790
24	1.00000	0.0239	1.15625	0.0276	1.0500	0.025	0.2834	0.02010
23	1.12500	0.0269	1.28125	0.0306	1.1813	0.028	0.3187	0.02260
22	1.25000	0.0299	1.40625	0.0336	1.3125	0.031	0.3567	0.02530
21	1.37500	0.0329	1.53125	0.0366	1.4437	0.034	0.4019	0.02850
20	1.50000	0.0359	1.65625	0.0396	1.5750	0.038	0.4512	0.03200
19	1.75000	0.0418	1.90625	0.0456	1.8375	0.044	0.5062	0.03590
18	2.00000	0.0478	2.15625	0.0516	2.1000	0.050	0.5682	0.04030
17	2.25000	0.0538	2.40625	0.0575	2.3625	0.056	0.6387	0.04530
16	2.50000	0.0598	2.62625	0.0635	2.6250	0.063	0.7163	0.05080
15	2.81250	0.0673	2.96875	0.0710	2.9531	0.070	0.8051	0.05710

Sheet Gauges

Gauge No.	<u>Steel Sheets</u>		<u>Galvanized</u>		<u>Stainless Sheet</u>		<u>Aluminum</u>	
	Weight Lbs. per <u>Sq. Ft.</u>	Thickness in <u>Inches</u>	Weight Lbs. per <u>Sq. Ft.</u>	Thickness in <u>Inches</u>	Per Sq. Ft. Chromium <u>Nickel</u>	Thickness in <u>Inches</u>	Weight Lbs. per <u>Sq. Ft.</u>	Thickness in <u>Inches</u>
14	3.12500	0.0747	3.28125	0.0785	3.2812	0.078	0.9038	0.06410
13	3.75000	0.0897	3.90625	0.0934	3.9375	0.094	1.0150	0.07200
12	4.37500	0.1046	4.53125	0.1084	4.5937	0.109	1.1390	0.08080
11	5.00000	0.1196	5.15625	0.1233	5.2500	0.125	1.2790	0.09070
10	5.62500	0.1345	5.78125	0.1382	5.9062	0.141	1.4370	0.10190
7	7.50000	0.1793					2.0350	0.14430

Phone us to check sizes and availability for fast friendly service!

PLATES

Definition of Common Grades

Hot Rolled

Checker (Floor Plate)



Definition of Common Grades

Mild Steel

No minimum physical qualities specified. For non-critical applications. Easily welded and formed. Also called Max.33, Black plate, Boiler plate or just Hot Rolled.

A.S.T.M., A-36

Most widely used general purpose steel, **36,000 P.S.I. minimum yield strength**. Readily sheared, flame cut, formed or welded using good shop or field practices.

G40.21-44W

Most common grade for structural uses and welded construction with a **minimum yield strength of 44,000 P.S.I.** Can be sheared, flame cut, formed or welded using good shop or field practices.

G40.21-50W

Same as 44W with **yield strength improved to 50,000 P.S.I.**

G40.21-50A

Low alloy steel with **minimum 50,000 P.S.I. yield** and improved atmospheric corrosion resistance. Similar to **A.S.T.M., A-242**.

Abrasion Resisting

Wear resistance approx. twice that of mild steel with **yield strength of 60,000 P.S.I.** In shear cutting, the capacity rating of the shear would be discounted approximately 40%. Flame cuts easily but will flame harden the edges. Extreme care should be used in any forming procedures.

Quenched & Tempered, 100,000 Min. Yield

Heat treated alloy plate with **100,000 P.S.I. min. yield strength**. Provides wear resistance roughly three times that of mild steel and has excellent low temperature toughness. Requires care when welding or forming.

Pressure Vessel Quality

A285 Grade C

Plate of low to intermediate tensile strength for pressure vessels. **Minimum yield strength of 30,000 P.S.I. and tensile strength of 55,000 to 75,000 P.S.I.** Easily sheared, flame cut, formed and welded using good shop practices.

A515 Grade 70 and A516 Grade 70

A515 is intended for intermediate and high temperature service in boilers and other pressure vessels.

A516 is used in pressure vessels at temperatures where improved notch toughness is important.

Minimum yield strength for both A515 & A516 is 38,000 P.S.I. with tensile strength of 70,000 to 90,000 P.S.I.

A.S.T.M. A242 Type 1

Often called up by one of its trade names (ie. Cor-Ten A, Stelcoloy or Dofascoloy) has approx. four times the atmospheric corrosion resistance of mild steel.

Minimum yield strength is 50,000 P.S.I. and is weldable using practices for the grade and intended service.

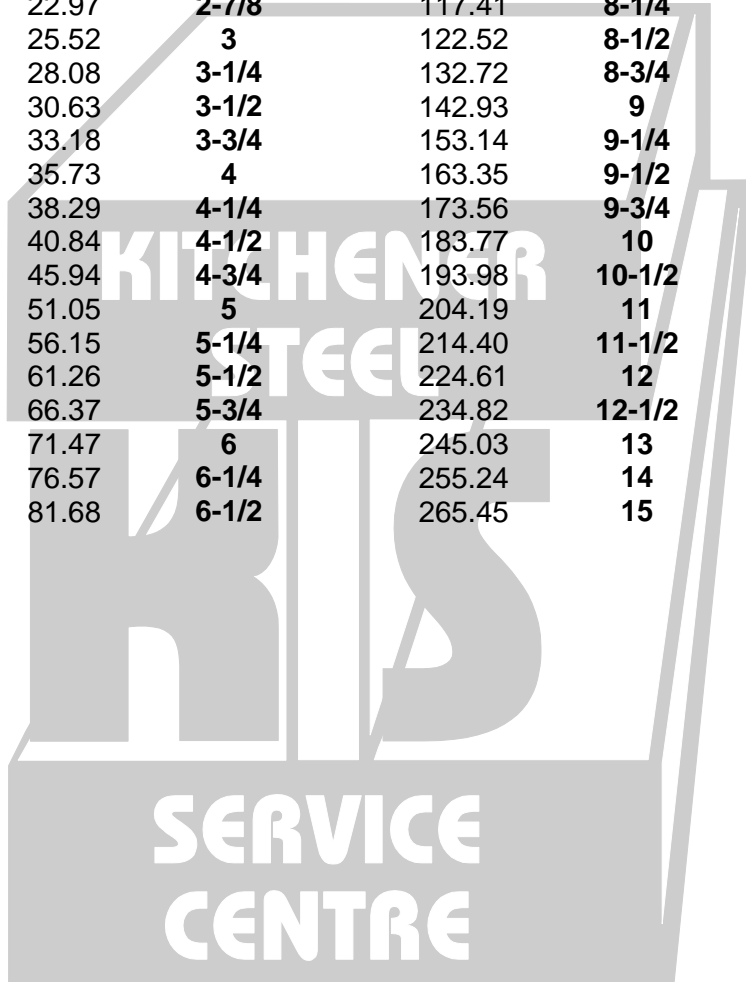


If you require more information regarding grades and specifications, please inquire!

Hot Rolled Steel Plates

Theoretical Weight

Size in Inches	Wt. per Sq. Ft.	Size in Inches	Wt. per Sq. Ft.	Size in Inches	Wt. per Sq. Ft.
3/16	7.66	2-1/8	86.78	6-3/4	275.66
1/4	10.21	2-1/4	91.89	7	285.87
5/16	12.76	2-3/8	96.99	7-1/4	296.08
3/8	15.31	2-1/2	102.10	7-1/2	306.29
7/16	17.87	2-5/8	107.20	7-3/4	316.50
1/2	20.42	2-3/4	112.31	8	326.71
9/16	22.97	2-7/8	117.41	8-1/4	336.92
5/8	25.52	3	122.52	8-1/2	347.13
11/16	28.08	3-1/4	132.72	8-3/4	357.34
3/4	30.63	3-1/2	142.93	9	367.55
13/16	33.18	3-3/4	153.14	9-1/4	377.76
7/8	35.73	4	163.35	9-1/2	387.97
15/16	38.29	4-1/4	173.56	9-3/4	398.18
1	40.84	4-1/2	183.77	10	408.38
1-1/8	45.94	4-3/4	193.98	10-1/2	428.80
1-1/4	51.05	5	204.19	11	449.24
1-3/8	56.15	5-1/4	214.40	11-1/2	469.66
1-1/2	61.26	5-1/2	224.61	12	490.08
1-5/8	66.37	5-3/4	234.82	12-1/2	510.48
1-3/4	71.47	6	245.03	13	530.92
1-7/8	76.57	6-1/4	255.24	14	571.76
2	81.68	6-1/2	265.45	15	612.60



Steel Plates

Thickness

Size	3/16	1/4	5/16	3/8
48" x 96"	245.03	326.72	408.40	190.08
48" x 120"	306.30	408.40	510.50	612.60
48" x 144"	367.56	489.60	612.60	735.12
60" x 120"	382.90	510.50	638.10	765.70
60" x 144"	459.48	612.60	765.60	918.84
60" x 240"	765.80	1021.00	1276.20	1531.40
72" x 120"	459.40	612.60	765.70	918.90
72" x 144"	551.28	735.12	918.72	1102.68
72" x 240"	918.80	1225.20	1531.40	1837.80
96" x 120"	612.60	816.80	1021.00	1225.20
96" x 144"	735.36	980.16	1224.96	1470.72
96" x 240"	1225.20	1633.60	2042.00	2450.40
	1/2	5/8	3/4	7/8
48" x 96"	653.44	816.80	980.16	1143.44
48" x 120"	816.80	1021.00	1225.20	1429.30
48" x 144"	980.16	1225.20	1470.24	1715.04
60" x 120"	1021.00	1276.20	1531.40	1786.68
60" x 144"	1225.20	1531.20	1837.80	2143.80
60" x 240"	2042.00	2552.40	3062.80	3573.36
72" x 120"	1225.20	1531.40	1837.70	2144.00
72" x 144"	1470.24	1837.44	2205.36	2572.56
72" x 240"	2450.40	3062.80	3675.40	4288.00
96" x 120"	1633.50	2041.90	2450.30	2858.70
96" x 144"	1960.32	2449.92	2940.48	3430.08
96" x 240"	3267.00	4083.80	4900.60	5717.40
	1"	1-1/8"	1-1/4"	1-3/8"
48" x 96"	1306.80	1470.08	1633.52	1796.80
48" x 120"	1633.50	1837.70	2041.90	2246.00
48" x 144"	1960.32	2205.12	2450.40	2695.20
60" x 120"	2041.90	2297.16	2552.40	2807.50
60" x 144"	2450.40	2756.40	3063.00	3369.00
60" x 240"	4083.80	4594.32	5104.80	5615.00
72" x 120"	2450.30	2756.60	3062.90	3369.20
72" x 144"	1940.48	3307.68	3672.60	4042.80
72" x 240"	4900.60	5513.20	6125.80	6738.40
96" x 120"	3267.10	3675.50	4083.80	4492.20
96" x 144"	3920.64	4410.24	4900.80	5390.40
96" x 240"	6534.20	7351.00	8167.60	8984.40

Wide Variety of In-Stock Products

Steel Plates

Thickness

Size	1-1/2"	1-5/8"	1-3/4"	1-7/8"
48" x 96"	1960.24	2123.52	2286.96	2450.30
48" x 120"	2450.30	2654.40	2858.70	3062.88
60" x 120"	3062.90	3318.12	3573.36	3828.60
60" x 240"	6125.80	6636.24	7146.72	7657.20
72" x 120"	3675.50	3981.74	4288.00	4594.32
72" x 240"	7351.00	7963.48	8576.00	9188.64
96" x 120"	4900.60	5309.00	5717.40	6125.76
96" x 240"	9801.20	10618.00	11434.80	12251.52

	2"	2-1/4"	2-1/2"	2-3/4"
48" x 96"	2613.76	2940.48	3267.20	3593.92
48" x 120"	3267.10	3675.46	4083.84	4492.22
60" x 120"	4083.80	4594.50	5104.80	5615.28
60" x 240"	8167.60	9189.00	10209.60	11230.56
72" x 120"	4900.60	5513.20	6125.80	6735.34
72" x 240"	9801.20	11026.40	12251.60	13476.68
96" x 120"	6534.10	9350.90	8167.70	8984.40
96" x 240"	13068.20	14701.80	16335.40	17968.80

	3"	3-1/2"	4"	4-1/2"
48" x 120"	4900.61	5717.20	6534.10	7350.80
60" x 120"	6125.76	7146.50	8167.50	9188.50
60" x 240"	12251.52	14293.00	16335.00	18377.00
72" x 120"	7350.90	8575.80	9801.00	11026.20
72" x 240"	14701.80	17151.60	19602.00	22052.40
96" x 120"	9801.20	11434.80	13068.30	14701.80
96" x 240"	19602.40	22869.60	26136.60	29403.60

	5"	5-1/2"	6"	8"
48" x 120"	8167.70	8984.40	9801.20	13068.40
60" x 120"	10209.60	11230.50	12251.50	16335.50
60" x 240"	20419.20	22461.00	24503.00	32671.00
72" x 120"	12251.50	13476.60	14701.80	19602.40
72" x 240"	24503.00	26953.20	29403.60	39204.80
96" x 120"	16335.40	17968.90	19602.40	26136.60
96" x 240"	32670.80	35937.80	39204.80	52273.20

Steel Checker Plate

Thickness in Inches	14 ga.	12 ga.	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
Lbs. per Sq. Ft.	<u>3.52</u>	<u>4.79</u>	<u>6.15</u>	<u>8.70</u>	<u>11.26</u>	<u>13.15</u>	<u>16.75</u>	<u>21.45</u>
48" x 96"	113	154	197	279	361	421	536	687
48" x 120"	141	192	246	348	451	526	670	858
48" x 144"	169	230	296	418	541	632	804	1030
60" x 120"	N/A	N/A	308	435	563	658	838	1073
60" x 240"	N/A	N/A	616	870	1126	1316	1676	2146
72" x 120"	N/A	N/A	N/A	522	676	790	1005	1287
72" x 240"	N/A	N/A	N/A	1044	1352	1579	2010	2574
96" x 240"	N/A	N/A	N/A	1392	1802	2104	2680	3432

Call us for full plates or cut to size!

PIPE



Pipe

Welded – Plain End

<u>Nom. Size</u>	<u>Schedule</u>	<u>Weight per ft.</u>	<u>Wall</u>	<u>Size O.D.</u>	<u>Size I.D.</u>
1/8"	40	0.24	0.068	0.405	0.269
1/4"	40	0.42	0.088	0.540	0.364
	80	0.54	0.119	0.540	0.302
3/8"	40	0.57	0.091	0.675	0.493
	80	0.74	0.126	0.675	0.423
1/2"	40	0.85	0.109	0.840	0.622
	80	1.09	0.147	0.840	0.546
3/4"	40	1.13	0.113	1.050	0.824
	80	1.47	0.154	1.050	0.742
1"	40	1.68	0.133	1.315	1.049
	80	2.17	0.179	1.315	0.957
1-1/4"	40	2.27	0.140	1.660	1.380
	80	3.00	0.191	1.660	1.278
1-1/2"	40	2.72	0.145	1.900	1.610
	80	3.63	0.200	1.900	1.500
2"	40	3.65	0.154	2.375	2.067
	80	5.02	0.218	2.375	1.939
2-1/2"	40	5.79	0.203	2.875	2.469
	80	7.66	0.276	2.875	2.323
3"	40	7.58	0.216	3.500	3.068
	80	10.25	0.300	3.500	2.900
3-1/2"	40	9.11	0.226	4.000	3.548
	80	12.51	0.318	4.000	3.364
4"	40	10.79	0.237	4.500	4.026
	80	14.98	0.337	4.500	3.826
5"	40	14.62	0.258	5.563	5.047
	80	20.78	0.375	5.563	4.813
6"	40	18.97	0.280	6.625	6.065
	80	28.57	0.432	6.625	5.761
8"	40	28.55	0.322	8.625	7.981
	80	43.39	0.500	8.625	7.625
10"	40	40.48	0.365	10.750	10.020
	80	64.43	0.594	10.750	9.562
12"	40	53.52	0.406	12.750	11.938
	80	88.63	0.688	12.750	11.374
14"	40	63.44	0.438	14.000	13.124
	80	106.13	0.750	14.000	12.500
16"	40	82.77	0.500	16.000	15.000
	80	136.61	0.844	16.000	14.312

HOLLOW STRUCTURAL TUBE

Square

Rectangular

Round



Hollow Structural Tube – Square

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
1 x 1	0.083	1.04	25
	0.100	1.14	28
	0.125	1.35	32
1-1/4 x 1-1/4	0.100	1.48	36
	0.125	1.78	43
1-1/2 x 1-1/2	0.100	1.82	44
	0.125	2.21	53
	0.150	2.56	62
2 x 2	0.188	3.35	80.4
	0.100	2.58	62
	0.125	3.06	73.44
	0.188	4.33	104
	0.250	5.41	130
2-1/2 x 2-1/2	0.125	3.91	94
	0.188	5.61	135
3 x 3	0.250	7.11	171
	0.125	4.76	114
	0.188	6.89	166
3-1/2 x 3-1/2	0.250	8.81	212
	0.313	10.59	254
	0.125	5.61	135
	0.188	8.17	196
4 x 4	0.250	10.51	252
	0.313	12.70	305
	0.375	14.71	353
	0.125	6.46	155
	0.188	9.45	227
5 x 5	0.250	12.21	293
	0.313	14.83	356
	0.375	17.27	414
	0.125	7.82	188
	0.188	12.00	288
	0.250	15.62	375
6 x 6	0.313	19.08	458
	0.375	22.37	537
	0.500	28.43	682
	0.188	14.56	349
	0.250	19.02	456
7 x 7	0.313	23.33	560
	0.375	27.48	660
	0.500	35.24	846
	0.188	17.13	411
	0.250	22.42	538
	0.313	27.63	663
	0.375	32.58	782
	0.500	42.05	1009

Hollow Structural Tube – Square

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
8 x 8	0.250	25.82	620
	0.313	31.84	764
	0.375	37.69	905
	0.500	48.85	1172
10 x 10	0.250	32.63	783
	0.313	40.35	968
	0.375	47.90	1150
	0.500	62.46	1499
12 x 12	0.250	39.43	946
	0.313	48.86	1173
	0.375	58.10	1394
	0.500	76.00	1824



Hollow Structural Tube – Rectangular

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
2 x 1	0.100	1.82	44
	0.125	2.21	53
2-1/2 x 1-1/2	0.125	3.05	73
	0.188	4.32	104
3 x 1	0.125	3.07	74
3 x 1-1/2	0.125	3.48	84
	0.188	4.96	119
3 x 2	0.125	3.91	94
	0.188	5.61	135
3-1/2 x 2-1/2	0.250	7.11	171
	0.313	8.43	202
	0.188	6.89	165
	0.250	8.81	211
4 x 2	0.313	10.59	254
	0.125	4.76	114
	0.188	6.90	166
4 x 3	0.250	8.80	211
	0.313	10.60	254
	0.188	8.17	196
	0.250	10.51	252
5 x 2	0.313	12.70	305
	0.375	14.71	353
	0.188	8.17	196
	0.250	10.51	252
5 x 2-1/2	0.313	12.70	305
	0.375	14.71	353
	0.188	8.80	211
	0.250	11.30	271
5 x 3	0.313	13.80	331
	0.375	16.00	384
	0.125	6.46	155
	0.188	9.45	227
6 x 2	0.250	12.20	293
	0.313	14.90	358
	0.375	17.30	415
	0.188	9.45	227
6 x 3	0.250	12.21	293
	0.313	14.83	356
	0.375	17.27	414
6 x 4	0.125	7.31	175
	0.188	10.70	257
	0.250	13.91	334
	0.313	16.96	407
6 x 4	0.375	19.82	476
	0.188	12.00	288
	0.250	15.62	375
	0.313	19.08	458
	0.375	22.37	537

Hollow Structural Tube – Rectangular

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
6 x 4	0.500	28.43	682
7 x 3	0.188	12.00	288
	0.250	15.62	416
	0.375	22.30	535
7 x 4	0.188	13.30	319
	0.250	17.32	416
	0.313	21.18	508
	0.375	24.92	598
7 x 5	0.188	14.56	353
	0.250	19.02	456
	0.313	23.33	560
	0.375	27.48	660
8 x 2	0.500	35.24	846
	0.188	11.90	286
	0.250	15.40	370
	0.313	18.80	451
8 x 4	0.375	22.37	537
	0.188	14.56	349
	0.250	19.02	456
	0.313	23.33	560
	0.375	27.48	668
8 x 6	0.500	35.24	846
	0.188	17.13	411
	0.250	22.42	538
	0.313	27.63	663
	0.375	32.58	782
10 x 4	0.500	42.05	1009
	0.188	17.13	411
	0.250	22.42	538
	0.313	27.63	663
10 x 6	0.375	32.58	782
	0.250	25.82	620
	0.313	31.84	764
	0.375	37.69	905
12 x 6	0.500	48.85	1172
	0.188	21.96	527
	0.250	28.90	694
	0.313	35.49	852
	0.375	41.90	1006
12 x 8	0.500	54.10	1298
	0.250	32.63	783
	0.313	40.35	968
	0.375	47.90	1150
	0.500	62.46	1499

Can be supplied in full lengths or cut to size.

Hollow Structural Tube – Round

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
1.050	0.100	1.02	24.48
	0.125	1.24	29.76
1.250	0.100	1.23	29.52
	0.125	1.51	36.24
1.315	0.134	1.60	38.40
	0.100	1.30	31.20
1.660	0.125	1.59	38.16
	0.100	1.67	40.08
1.900	0.125	2.05	49.20
	0.134	2.17	52.08
	0.100	1.92	46.06
2.375	0.125	2.38	57.12
	0.188	3.35	80.40
	0.100	2.43	58.32
2.875	0.125	3.01	72.24
	0.188	4.40	105.60
	0.250	5.68	136.32
	0.125	3.67	88.08
3.000	0.188	5.40	129.60
	0.250	7.01	168.24
	0.125	3.84	92.16
3.500	0.134	4.10	98.40
	0.188	5.66	135.84
	0.250	7.35	176.40
	0.125	4.51	108.24
4.000	0.188	6.66	159.84
	0.216	7.57	181.68
	0.250	8.69	208.56
	0.313	10.66	255.84
	0.125	5.17	124.08
4.500	0.134	5.53	132.72
	0.188	7.67	184.08
	0.250	10.02	240.08
	0.313	12.34	296.16
	0.375	14.52	348.48
	0.125	5.85	140.40
5.000	0.188	8.68	208.32
	0.250	11.36	272.64
	0.313	14.01	336.24
	0.375	16.54	396.96
	0.125	6.84	164.16
5.500	0.188	9.67	232.08
	0.250	12.69	304.56
	0.313	15.69	376.56
	0.188	10.70	256.80
5.563	0.375	20.50	492.00
	0.188	10.80	259.20

Hollow Structural Tube – Round

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>Weight per ft.</u>	<u>Weight per 24'</u>
5.563	0.250	14.20	340.80
	0.313	17.60	422.40
	0.375	20.80	499.20
6.000	0.125	7.84	188.16
	0.188	11.68	280.32
	0.250	15.37	368.88
	0.313	19.03	456.72
	0.375	22.55	541.20
6.625	0.125	8.68	208.32
	0.188	13.00	312.00
	0.250	17.02	408.48
	0.313	21.10	506.40
	0.375	25.10	602.40
7.000	0.188	13.69	328.56
7.500	0.250	18.04	432.96
	0.313	24.00	576.00
8.625	0.188	16.94	406.56
	0.250	22.36	536.64
	0.313	27.79	666.96
	0.375	33.04	792.96
	0.500	43.39	1041.36
10.75	0.250	28.00	672.00
	0.313	34.80	835.20
	0.375	41.60	998.40
	0.500	54.70	1312.80

***Other sizes available on request.
Full length or cut to size.***

EXPANDED METAL

Standard

Flattened



Standard Expanded Metal

Style No.	Weight per 100 Sq. Ft.	Standard Sheet Size	Size of Opening in Inches	Centre to Centre Strand	Strand Thickness	Percent Open Area	Overall Thickness in Inches
3/16-20	90	8 x 4	.080 x .313	.200 x .500	.063 x .036	40	0.080
1/4-20	86	8 x 4	.125 x .718	.250 x 1.00	.073 x .048	43	0.135
1/4-18	114	4-8 x 8-4	.110 x .718	.250 x 1.00	.073 x .048	43	0.147
1/2-18	70	4-8 x 8-4	.438 x .938	.500 x 1.20	.088 x .048	72	0.172
1/2-16	86	4-8 x 8-4	.375 x .938	.500 x 1.20	.087 x .060	71	0.175
1/2-13	147	4-8 x 8-4	.312 x .938	.500 x 1.20	.096 x .090	57	0.204
1/2-13 (188)	282	8 x 4	.250 x .800	.500 x 1.20	.188 x .090	25	0.275
3/4-16	54	4-8 x 8-4	.813 x 1.75	.923 x 2.00	.099 x .060	78	0.210
3/4-13	80	4-8 x 8-4	.750 x 1.688	.923 x 2.00	.096 x .090	76	0.205
3/4-10 (13ga)	120	4-8 x 8-4	.750 x 1.625	.923 x 2.00	.144 x .090	72	0.290
3/4-9 (10ga)	180	4-8 x 8-4	.688 x 1.563	.923 x 2.00	.149 x .135	68	0.312
1-16	44	4-8 x 8-4	.938 x 2.00	1.00 x 2.25	.087 x .060	82	0.192
1-14	76	4-8 x 8-4	.875 x 1.563	1.00 x 2.25	.122 x .075	75	0.225
1-12	101	4-8 x 8-4	.907 x 1.563	1.00 x 2.25	.109 x .105	78	0.225
1-10	170	4-8 x 8-4	.750 x 1.563	1.00 x 2.25	.155 x .135	62	0.375
1-10H	200	4-8 x 8-4	.725 x 1.563	1.00 x 2.25	.180 x .135	60	0.390
1-1/2-14	44	4-8 x 8-4	1.188 x 2.625	1.33 x 3.00	.097 x .075	85	0.242
1-1/2-13	60	4-8 x 8-4	1.188 x 2.5	1.33 x 3.00	.107 x .090	80	0.242
1-1/2-12	72	4-8 x 8-4	1.112 x 2.375	1.33 x 3.00	.109 x .105	83	0.225
1-1/2-10 (13ga)	79	4-8 x 8-4	1.188 x 2.5	1.33 x 3.00	.137 x .090	80	0.284
1-1/2-9 (10 ga)	120	4-8 x 8-4	1.125 x 2.375	1.33 x 3.00	.142 x .135	76	0.312
1-1/2-10	170	4-8 x 8-4	1.00 x 2.375	1.33 x 3.00	.200 x .135	74	0.350
1-1/2-10H	200	4-8 x 8-4	.830 x 2.375	1.33 x 3.00	.240 x .135	72	0.460

Flattened Expanded Metal

Style No.	Weight per 100 Sq. Ft.	Standard Sheet Size	Size of Opening in Inches	Centre to Centre Strand	Strand Thickness	Percent Open Area	Overall Thickness in Inches
3/16-20F	88	8 x 4	.094 x .343	.218 x .500	.063 x .032	43	0.032
1/4-18F	108	4-8 x 8-4	.094 x .688	.255 x 1.03	.086 x .040	40	0.040
1/2-16F	82	4-8 x 8-4	.313 x 1.00	.500 x 1.26	.103 x .049	63	0.049
1/2-13F	140	4-8 x 8-4	.313 x 1.00	.500 x 1.26	.110 x .070	52	0.070
1/2-13F (188)	275	8 x 4	.250 x 1.00	.500 x 1.25	.188 x .070	25	0.070
3/4-16F	51	4-8 x 8-4	.750 x 1.75	.923 x 2.10	.110 x .048	74	0.048
3/4-13F	76	4-8 x 8-4	.688 x 1.781	.923 x 2.10	.106 x .070	74	0.070
3/4-10F (13ga)	114	4-8 x 8-4	.637 x 1.755	.923 x 2.10	.106 x .070	68	0.070
3/4-9F (10ga)	171	4-8 x 8-4	.563 x 1.688	.923 x 2.10	.165 x .120	63	0.120
1-16F	41	4-8 x 8-4	.813 x 2.100	1.00 x 2.30	.100 x .051	78	0.051
1-14F	73	4-8 x 8-4	.790 x 2.000	1.00 x 2.30	.125 x .070	80	0.070
1-12F	96	4-8 x 8-4	.785 x 2.000	1.00 x 2.30	.156 x .085	74	0.085
1-10F	165	4-8 x 8-4	.750 x 1.900	1.00 x 2.30	.160 x .110	58	0.110
1-1/2-16F	38	4-8 x 8-4	1.055 x 2.750	1.33 x 3.20	.123 x .048	83	0.048
1-1/2-14F	40	4-8 x 8-4	1.055 x 2.750	1.33 x 3.20	.038 x .060	83	0.060
1-1/2-13F	57	4-8 x 8-4	1.060 x 2.750	1.33 x 3.20	.116 x .070	80	0.070
1-1/2-12F	66	4-8 x 8-4	1.296 x 2.625	1.33 x 3.20	.116 x .085	85	0.085
1-1/2-9F (10ga)	114	4-8 x 8-4	1.00 x 2.56	1.33 x 3.20	.158 x .110	75	0.110
1-1/2-10F	165	4-8 x 8-4	.900 x 2.560	1.33 x 3.20	.188 x .110	63	0.110

Call us for Galvanized, Aluminum and Stainless Steel Expanded.

GRATING

Expanded Metal – Structural

Welded Bar

Diamond Grip

Safety Grip

Ladder Rungs

Safety Tread Flooring



Expanded Metal Grating – Structural

Style No.	Weight per Sq. Ft.	Standard Sheet Size	Size of Opening in Inches	Centre to Centre Strand	Strand Thickness	Percent Open Area	Overall Thickness in Inches
3#	3.00	4' -5'6" -8' x 8' -4'	.940 x 3.44	1.33 x 5.33	.264 x .183	60	0.540
3.14#	3.14	**	1.625 x 4.88	2.00 x 6.00	.312 x .250	69	0.656
4#	4.00	**	.940 x 3.44	1.33 x 5.33	.300 x .215	55	0.618
4.27#	4.27	**	1.00 x 2.88	1.41 x 4.00	.300 x .250	58	0.625
5#	5.00	**	.813 x 3.38	1.33 x 5.33	.331 x .250	50	0.655
6.25#	6.25	**	.813 x 3.38	1.41 x 5.33	.350 x .312	50	0.715
7#	7.00	4' x 8'	.813 x 3.38	1.41 x 5.33	.391 x .312	45	0.740

Note: ** Available in 3' 4', 6' x 8' & 8' x 3', 4' 3', 4', 6' x 10' & 10' x 3', 4' 8' x 5'6"

Welded Bar Grating

Weights shown are for Style 19-4 (1-3/16" Bearing bar spacing & 4" Cross bar spacing)

Bearing Bar No.	Weight per Sq. Ft.	Bearing Bar Size	Weight per Sq. Ft.	Bearing Bar Size	Weight per Sq. Ft.
3/4 x 1/8	3.9	3/4 x 3/16	5.5		
1 x 1/8	4.9	1 x 3/16	7.1	1 x 1/4	9.2
1-1/4 x 1/8	6.0	1-1/4 x 3/16	8.7	1-1/4 x 1/4	11.4
1-1/2 x 1/8	7.1	1-1/2 x 3/16	10.3	1-1/2 x 1/4	13.5
		1-3/4 x 3/16	12.1	1-3/4 x 1/4	15.7
		2 x 3/16	13.8	2 x 1/4	18.1
		2-1/4 x 3/16	14.8	2-1/4 x 1/4	20.6
		2-1/2 x 3/16	17.0	2-1/2 x 1/4	22.1

**Bar Grating is available in bare metal, black primer or galvanized finishes.
Can be ordered with serrated surface for increased safety.**

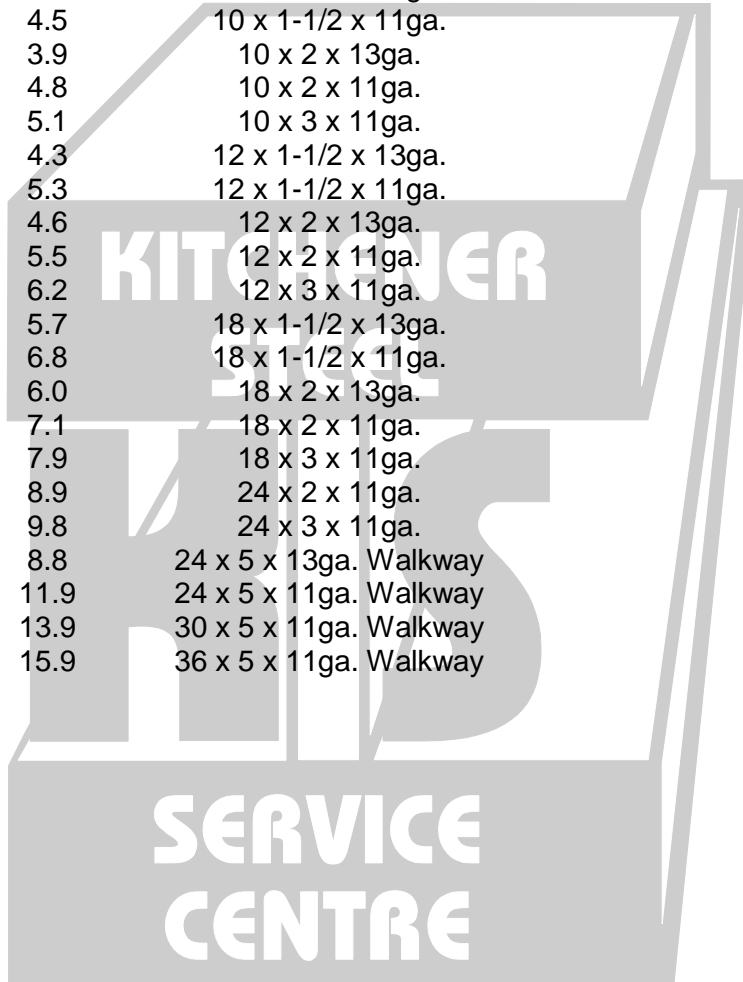
Diamond Grip

<u>Part Number</u>	<u>Weight per Lin. Foot</u>	<u>Size in Inches</u>
DG2154	2.3	4-3/4 x 1-1/2 x 14ga.
DG2152	3.0	4-3/4 x 1-1/2 x 12ga.
DG2204	2.5	4-3/4 x 2 x 14ga.
DG2202	3.3	4-3/4 x 2 x 12ga.
DG2254	2.9	4-3/4 x 2-1/2 x 14ga.
DG2252	4.1	4-3/4 x 2-1/2 x 12ga.
DG3154	2.9	7 x 1-1/2 x 14ga.
DG3152	3.9	7 x 1-1/2 x 12ga.
DG3204	3.2	7 x 2 x 14ga.
DG3202	4.4	7 x 2 x 12ga.
DG3254	3.5	7 x 2-1/2 x 14ga.
DG3252	4.7	7 x 2-1/2 x 12ga.
DG3302	5.1	7 x 3 x 12ga.
DG4154	3.5	9-1/2 x 1-1/2 x 14ga.
DG4152	4.8	9-1/2 x 1-1/2 x 12ga.
DG4204	3.7	9-1/2 x 2 x 14ga.
DG4202	5.1	9-1/2 x 2 x 12ga.
DG4254	4.2	9-1/2 x 2-1/2 x 14ga.
DG4252	5.6	9-1/2 x 2-1/2 x 12ga.
DG4302	5.8	9-1/2 x 3 x 12ga.
DG5154	4.1	11-3/4 x 1-1/2 x 14ga.
DG5152	5.7	11-3/4 x 1-1/2 x 12ga.
DG5204	4.5	11-3/4 x 2 x 14ga.
DG5202	6.1	11-3/4 x 2 x 12ga.
DG5254	4.8	11-3/4 x 2-1/2 x 14ga.
DG5252	6.4	11-3/4 x 2-1/2 x 12ga.
DG5302	6.7	11-3/4 x 3 x 12ga.
DG8154	5.9	18-3/4 x 1-1/2 x 14ga.
DG8152	8.2	18-3/4 x 1-1/2 x 12ga.
DG8204	6.1	18-3/4 x 2 x 14ga.
DG8202	8.5	18-3/4 x 2 x 12ga.
DG8254	6.4	18-3/4 x 2-1/2 x 14ga.
DG8252	8.9	18-3/4 x 2-1/2 x 12ga.
DG8302	9.3	18-3/4 x 3 x 12ga.
DG10152	10.1	24 x 1-1/2 x 12ga.
DG10204	7.6	24 x 2 x 14ga.
DG10202	10.8	24 x 2 x 12ga.
DG10302	11.3	24 x 3 x 12ga.
DG10504W	9.6	24 x 5 x 14ga. Walkway
DG10502W	13.1	24 x 5 x 12ga. Walkway

Diamond Grip available in stainless & aluminum. Call us for sizes and availability. Also on hand bolt seats & clip assemblies. Stock length is 12'. Cut to length available.

Safety Grip

<u>Part Number</u>	<u>Weight per Lin. Foot</u>	<u>Size in Inches</u>
SG2153	2.6	5 x 1-1/2 x 13ga.
SG2203	2.8	5 x 2 x 13ga.
SG3153	3.0	7 x 1-1/2 x 13ga.
SG3151	4.2	7 x 1-1/2 x 11ga.
SG3203	3.3	7 x 2 x 13ga.
SG3201	4.5	7 x 2 x 11ga.
SG3301	4.8	7 x 3 x 11ga.
SG5153	3.5	10 x 1-1/2 x 13ga.
SG5151	4.5	10 x 1-1/2 x 11ga.
SG5203	3.9	10 x 2 x 13ga.
SG5201	4.8	10 x 2 x 11ga.
SG5301	5.1	10 x 3 x 11ga.
SG6153	4.3	12 x 1-1/2 x 13ga.
SG6151	5.3	12 x 1-1/2 x 11ga.
SG6203	4.6	12 x 2 x 13ga.
SG6201	5.5	12 x 2 x 11ga.
SG6301	6.2	12 x 3 x 11ga.
SG10153	5.7	18 x 1-1/2 x 13ga.
SG10151	6.8	18 x 1-1/2 x 11ga.
SG10203	6.0	18 x 2 x 13ga.
SG10201	7.1	18 x 2 x 11ga.
SG10301	7.9	18 x 3 x 11ga.
SG13201	8.9	24 x 2 x 11ga.
SG13301	9.8	24 x 3 x 11ga.
SG13503W	8.8	24 x 5 x 13ga. Walkway
SG13501W	11.9	24 x 5 x 11ga. Walkway
SG16501W	13.9	30 x 5 x 11ga. Walkway
SG20501W	15.9	36 x 5 x 11ga. Walkway



Call for Stainless & Aluminum.

Safety-Tread Ladder Rungs

<u>Part Number</u>	<u>Weight per Lin. Foot</u>	<u>Size in Inches (Width x Depth x Gauge)</u>
2 HOLE* LR1251B	1.2	1-1/4 x 1-7/16 x 11 ga. (HR)
3 HOLE LR6253B	1.3	1-5/8 x 1-1/8 x 13 ga. (HR)
LR6254S	1.1	1-5/8 x 1-1/8 x 14 ga. (Stainless)
SR6258A	0.5	1-5/8 x 1-1/8 x .125 (Alum.)
4 HOLE LR2253B	1.5	2-1/4 x 1-1/2 x 13 ga. (HR)
LR2254S	1.2	2-1/4 x 1-1/2 x 14 ga. (Stainless)
LR2258A	0.7	2-1/4 x 1-1/2 x .125 (Alum.)

*Note: 2 HOLE Stainless & Aluminum available on request.
Stock length is 5'.

Safety Tread Flooring*

<u>Part Number</u>	<u>Gauge & Material</u>	<u>Weight per Sq. Ft.</u>
ST3101B	11 Ga. P & O	5.00
ST3103B	13 Ga. P & O	3.75
ST3106B	16 Ga. P & O	2.25
ST3103G	13 Ga. Galvanized	3.53
ST3104S	14 Ga. Stainless	3.27
ST3108A	.125 Aluminum	1.60

*Note: Standard size is 3' x 10'.

**Call us for Safety Tread Channel,
Stair Treads and Walkway.**

ALUMINUM

Bars

- Round
- Square
- Flat
- Hexagonal

Structural

- Angles
- Channel
- Tees
- I-Beam
- H-Beam

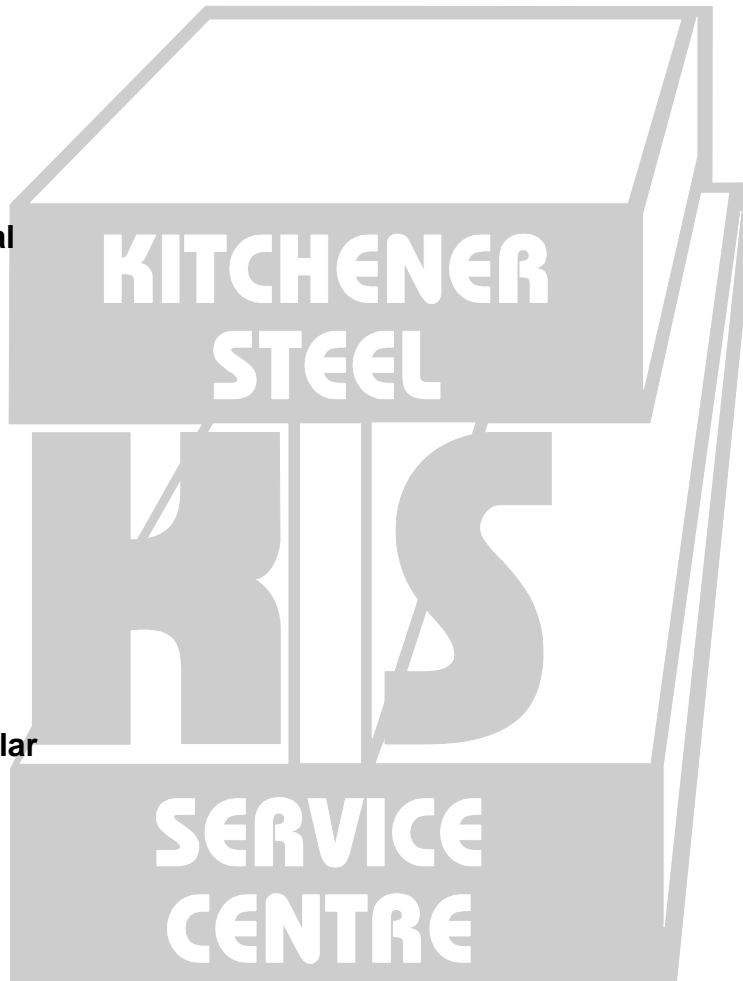
Tubing

- Round
- Square
- Rectangular

Pipe

Sheet and Plate

Tread Plate



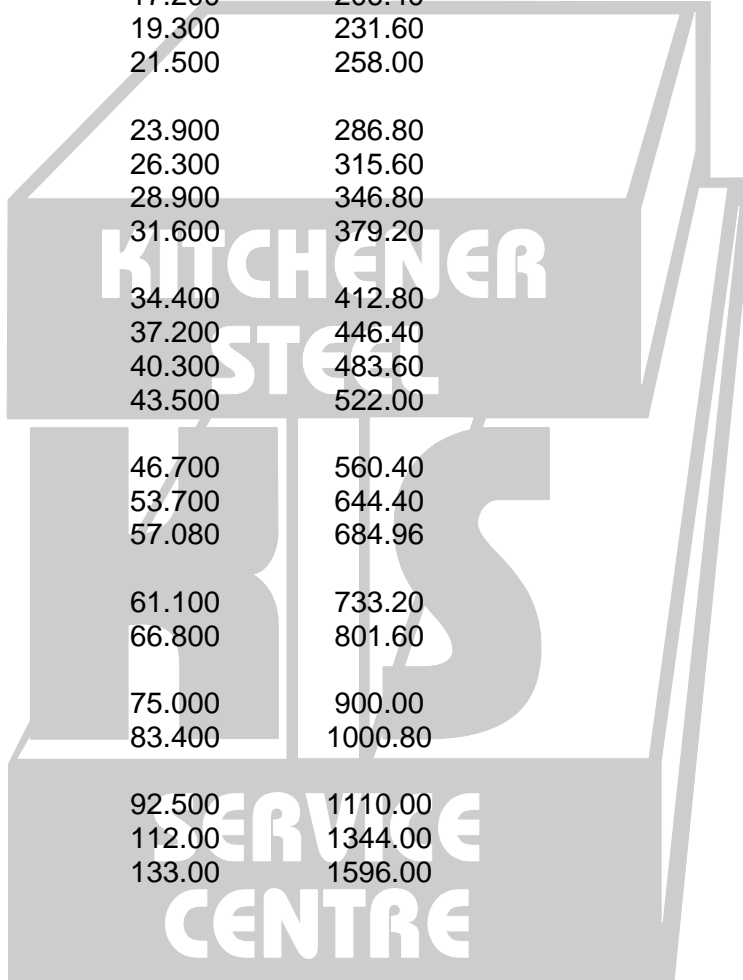
Aluminum Rounds

2011 T3 Cold Finished (QQA 225/3, ASTM B211)
 2017 T4, T451 Cold Finished (QQA 225/5, AMS 4118)
 2024 T4, T351 Cold Finished (QQA 225/6, AMS 4120)
 6061 T6, T651 Cold Finished (QQA 225/8, AMS 4117)
 6061 T6511 Extruded (QQA 200/8, AMS 4173)
 7075 T6, T651 Cold Finished (QQA 225/9, AMS 4123)

<u>Diameter</u>	<u>Weight in Pounds</u>	
<u>Size Inches</u>	<u>Per Foot</u>	<u>12' Bar</u>
1/8	.015	.181
3/16	.034	.407
7/32	.046	.553
1/4	.060	.723
9/32	.076	.915
5/16	.094	1.13
3/8	.136	1.63
13/32	.159	1.91
7/16	.184	2.21
15/32	.212	2.54
1/2	.241	2.89
9/16	.305	3.66
5/8	.376	4.52
11/16	.455	5.47
3/4	.542	6.50
13/16	.636	7.63
7/8	.738	8.85
15/16	.847	10.2
1	.954	11.45
1 1/16	1.080	12.96
1 1/8	1.210	14.52
1 3/16	1.350	16.20
1 1/4	1.490	17.88
1 5/16	1.640	19.68
1 3/8	1.800	21.60
1 1/2	2.150	25.80
1 5/8	2.540	30.48
1 3/4	2.920	35.04
1 7/8	3.360	40.32
2	3.810	45.72
2 1/8	4.310	51.72
2 1/4	4.830	57.96
2 3/8	5.390	64.68
2 1/2	5.960	71.52
2 5/8	6.570	78.84
2 3/4	7.220	86.64
2 7/8	7.890	94.68

Aluminum Rounds

<u>Diameter</u>	<u>Weight in Pounds</u>	
	<u>Size Inches</u>	<u>Per Foot</u>
3	8.580	102.96
3 1/4	10.100	121.20
3 1/2	11.700	140.40
3 3/4	13.500	162.00
4	15.210	182.52
4 1/4	17.200	206.40
4 1/2	19.300	231.60
4 3/4	21.500	258.00
5	23.900	286.80
5 1/4	26.300	315.60
5 1/2	28.900	346.80
5 3/4	31.600	379.20
6	34.400	412.80
6 1/4	37.200	446.40
6 1/2	40.300	483.60
6 3/4	43.500	522.00
7	46.700	560.40
7 1/2	53.700	644.40
7 3/4	57.080	684.96
8	61.100	733.20
8 1/2	66.800	801.60
9	75.000	900.00
9 1/2	83.400	1000.80
10	92.500	1110.00
11	112.00	1344.00
12	133.00	1596.00



Call for full bars or cut to size requirements.

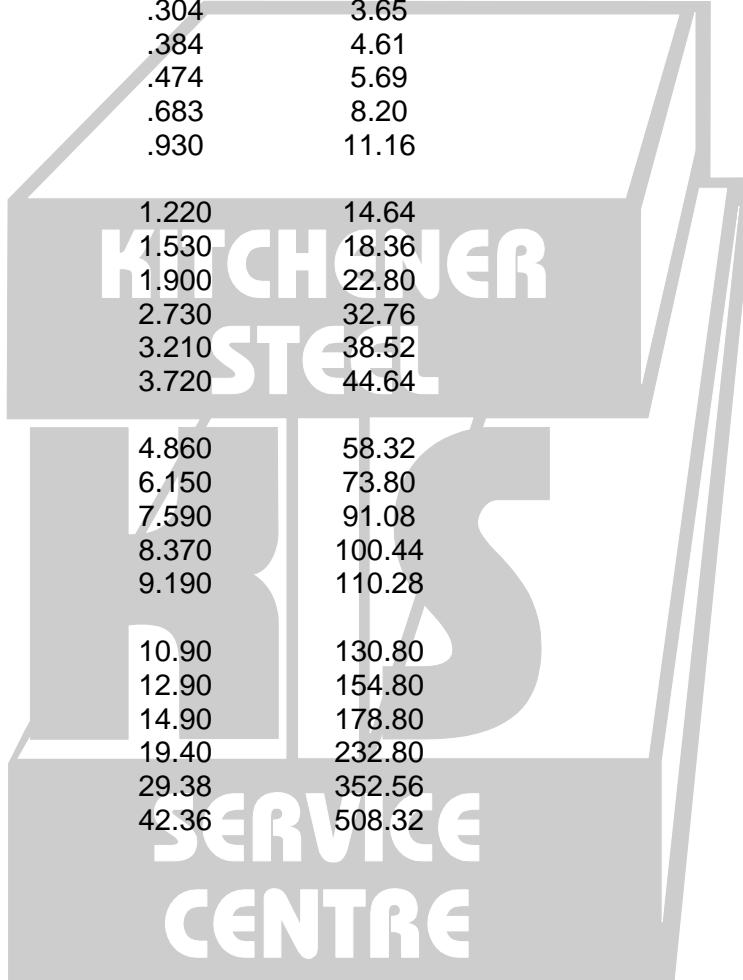
Aluminum Squares

2024 T351, T4 Cold Finished (QQA 225/6, AMS 4120)

6061 T6511 Extruded (QQA 200/8, AMS 4173)

6063 T52 Extruded (QQA 200/9, ASTM B221)

<u>Size of Square</u>	<u>Weight in Pounds</u>	
	<u>In Inches</u>	<u>Per Foot</u>
1/4	.076	.91
3/8	.171	2.05
7/16	.233	2.80
1/2	.304	3.65
9/16	.384	4.61
5/8	.474	5.69
3/4	.683	8.20
7/8	.930	11.16
1	1.220	14.64
1 1/8	1.530	18.36
1 1/4	1.900	22.80
1 1/2	2.730	32.76
1 5/8	3.210	38.52
1 3/4	3.720	44.64
2	4.860	58.32
2 1/4	6.150	73.80
2 1/2	7.590	91.08
2 5/8	8.370	100.44
2 3/4	9.190	110.28
3	10.90	130.80
3 1/4	12.90	154.80
3 1/2	14.90	178.80
4	19.40	232.80
5	29.38	352.56
6	42.36	508.32



Aluminum Flat Bar

2024 T351, T4 Cold Finished (QQA 225/6, AMS 4120)

6061 T6511 Extruded (QQA 200/8, AMS 4173)

6063 T52 Extruded (QAA 200/9, ASTM B221)

<u>Size in Inches</u>		<u>lbs/ft</u>	<u>2024</u>	<u>6061</u>	<u>6063</u>
1/8	x 1/2	.075	x	x	x
	x 5/8	.095	x	x	x
	x 3/4	.1104	x	x	x
	x 1	.151	x	x	x
	x 1 1/4	.190	x	x	x
	x 1 1/2	.228	x	x	x
	x 1 3/4	.258		x	x
	x 2	.304	x	x	x
	x 2 1/2	.368		x	x
	x 3	.441		x	x
	x 3 1/2	.515			x
	x 4	.588			x
	x 5	.735			x
	3/16	x 1/2	.114	x	x
x 3/4		.171	x	x	x
x 1		.228	x	x	x
x 1 1/4		.285	x	x	x
x 1 1/2		.342	x	x	x
x 1 3/4		.387		x	
x 2		.455	x	x	x
x 2 1/2		.552		x	x
x 3		.683	x	x	
x 3 1/2		.773		x	
x 4		.883		x	
1/4	x 1/2	.150	x	x	x
	x 5/8	.190	x	x	x
	x 3/4	.228	x	x	x
	x 1	.300	x	x	x
	x 1 1/4	.379	x	x	x
	x 1 1/2	.449	x	x	x
	x 1 3/4	.524	x	x	x
	x 2	.599	x	x	x
	x 2 1/4	.662		x	x
	x 2 1/2	.749	x	x	x
	x 2 3/4	.809		x	
	x 3	.911	x	x	x
	x 3 1/4	.957		x	
	x 3 1/2	1.030		x	x
	x 4	1.220	x	x	x
	x 4 1/2	1.320		x	
	x 5	1.470		x	
	x 6	1.800	x	x	x

Aluminum Flat Bar

<u>Size in Inches</u>		<u>lbs/ft</u>	<u>2024</u>	<u>6061</u>	<u>6063</u>
1/4	x 8	2.350		X	
	x 10	2.940		X	
5/16	x 1/2	.190	X	X	
	x 3/4	.285	X	X	
	x 1	.379	X	X	X
	x 1 1/4	.460		X	
	x 1 1/2	.569	X	X	
	x 2	.759	X	X	
	x 3	1.140	X	X	
3/8	x 1/2	.228	X	X	X
	x 3/4	.342	X	X	X
	x 1	.455	X	X	X
	x 1 1/4	.569	X	X	X
	x 1 1/2	.683	X	X	X
	x 1 3/4	.797	X	X	
	x 2	.911	X	X	X
	x 2 1/2	1.140	X	X	X
	x 3	1.370	X	X	X
	x 3 1/2	1.540		X	
	x 4	1.820	X	X	
	x 4 1/2	1.990		X	
	x 5	2.200		X	
	x 6	2.730	X	X	
	x 7	3.100		X	
	x 8	3.530		X	
	x 10	4.420		X	
1/2	x 5/8	.379	X	X	X
	x 3/4	.455	X	X	X
	x 1	.608	X	X	X
	x 1 1/4	.759	X	X	X
	x 1 1/2	.911	X	X	X
	x 1 3/4	1.060	X	X	
	x 2	1.220	X	X	X
	x 2 1/4	1.330		X	
	x 2 1/2	1.510	X	X	X
	x 2 3/4	1.620		X	
	x 3	1.820	X	X	X
	x 3 1/2	2.060		X	
	x 4	2.430	X	X	
	x 5	2.950		X	
	x 6	3.640	X	X	
	x 8	4.710		X	
	x 10	5.890		X	
x 12	7.070		X		

Aluminum Flat Bar

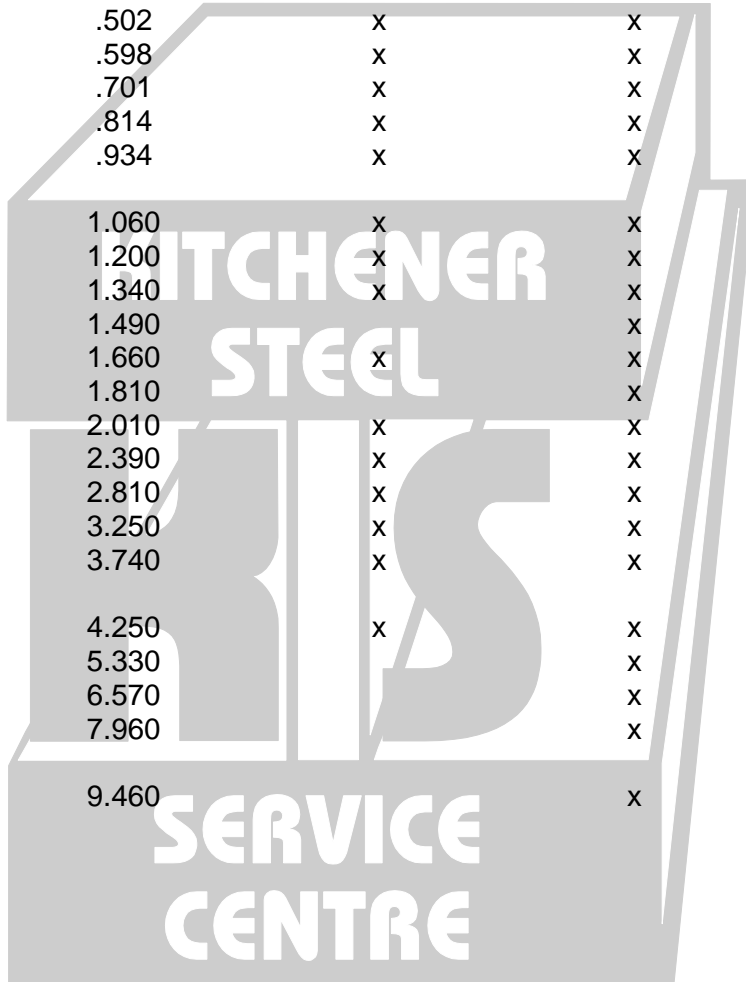
<u>Size in Inches</u>		<u>lbs/ft</u>	<u>2024</u>	<u>6061</u>	<u>6063</u>
5/8	x 1	.759	x	x	
	x 1 1/4	.949	x	x	
	x 1 1/2	1.140	x	x	
	x 1 3/4	1.290		x	
	x 2	1.510	x	x	
	x 2 1/2	1.840		x	
	x 3	2.280	x	x	
	x 4	3.040	x	x	
	x 5	3.750		x	
	x 6	4.410		x	
3/4	x 1	.911	x	x	
	x 1 1/4	1.140	x	x	
	x 1 1/2	1.370	x	x	x
	x 1 3/4	1.590	x	x	
	x 2	1.820	x	x	x
	x 2 1/4	2.020		x	
	x 2 1/2	2.280	x	x	x
	x 2 3/4	2.430		x	
	x 3	2.730	x	x	x
	x 3 1/2	3.190	x	x	
	x 4	3.640	x	x	
	x 5	4.410		x	
	x 6	5.460	x	x	
	x 8	7.070		x	
	x 10	8.830		x	
	x 12	10.600		x	
7/8	x 1	1.030		x	
	x 1 1/2	1.550		x	
	x 2	2.060		x	
1	x 1 1/4	1.510	x	x	
	x 1 1/2	1.820	x	x	x
	x 1 3/4	2.130	x	x	
	x 2	2.430	x	x	x
	x 2 1/4	2.650		x	
	x 2 1/2	3.040	x	x	
	x 2 3/4	3.240		x	
	x 3	3.640	x	x	
	x 3 1/2	4.250	x	x	
	x 4	4.860	x	x	
	x 5	6.080	x	x	
	x 6	7.290	x	x	
	x 8	9.430		x	
	x 10	11.800		x	
	x 12	14.120		x	

Aluminum Flat Bar

<u>Size in Inches</u>		<u>lbs/ft</u>	<u>2024</u>	<u>6061</u>	<u>6063</u>
1 1/4	x 1 1/2	2.250	x	x	
	x 2	3.000	x	x	
	x 2 1/2	3.790	x	x	
	x 3	4.550	x	x	
	x 4	6.080	x	x	
	x 6	9.000		x	
	x 8	11.800		x	
	x 10	14.700		x	
	x 12	17.700		x	
1 1/2	x 2	3.640	x	x	
	x 2 1/2	4.550	x	x	
	x 3	5.460	x	x	
	x 3 1/2	6.180		x	
	x 4	7.290	x	x	
	x 5	8.830		x	
	x 6	10.900	x	x	
	x 8	14.100		x	
	x 10	17.600		x	
	x 12	21.200		x	
1 3/4	x 2	4.250	x	x	
2	x 2 1/2	6.080	x	x	
	x 3	7.290	x	x	
	x 3 1/2	8.240		x	
	x 4	9.720	x	x	
	x 5	12.100	x	x	
	x 6	14.600	x	x	
	x 8	18.900		x	
	x 10	23.600		x	
	x 12	28.300		x	
2 1/2	x 3	9.110	x	x	
	x 4	12.200	x	x	
	x 5	15.200	x	x	
	x 6	18.200	x	x	
3	x 3 1/2	12.350		x	
	x 4	14.600	x	x	
	x 5	18.200	x	x	
	x 6	21.900	x	x	

Aluminum Hexagons

<u>Size in Inches</u>	<u>lbs/ft</u>	<u>2011 T</u>	<u>2017 T451</u>	<u>6061 T651</u>
3/16	.037		X	
1/4	.066	X	X	
5/16	.103	X	X	
11/32	.126	X		
3/8	.149	X	X	
7/16	.203	X	X	
1/2	.265	X	X	X
9/16	.335	X	X	
5/8	.415	X	X	X
11/16	.502	X	X	
3/4	.598	X	X	X
13/16	.701	X	X	
7/8	.814	X	X	X
15/16	.934	X	X	
1	1.060	X	X	X
1 1/16	1.200	X	X	
1 1/8	1.340	X	X	X
1 3/16	1.490		X	
1 1/4	1.660	X	X	X
1 5/16	1.810		X	
1 3/8	2.010	X	X	X
1 1/2	2.390	X	X	X
1 5/8	2.810	X	X	
1 3/4	3.250	X	X	X
1 7/8	3.740	X	X	
2	4.250	X	X	X
2 1/4	5.330		X	X
2 1/2	6.570		X	X
2 3/4	7.960		X	X
3	9.460		X	



Rapid Precise Efficient Processing

Aluminum Angle

6061 T6 Extruded, structural (QQA 200/16, AMS 4113)

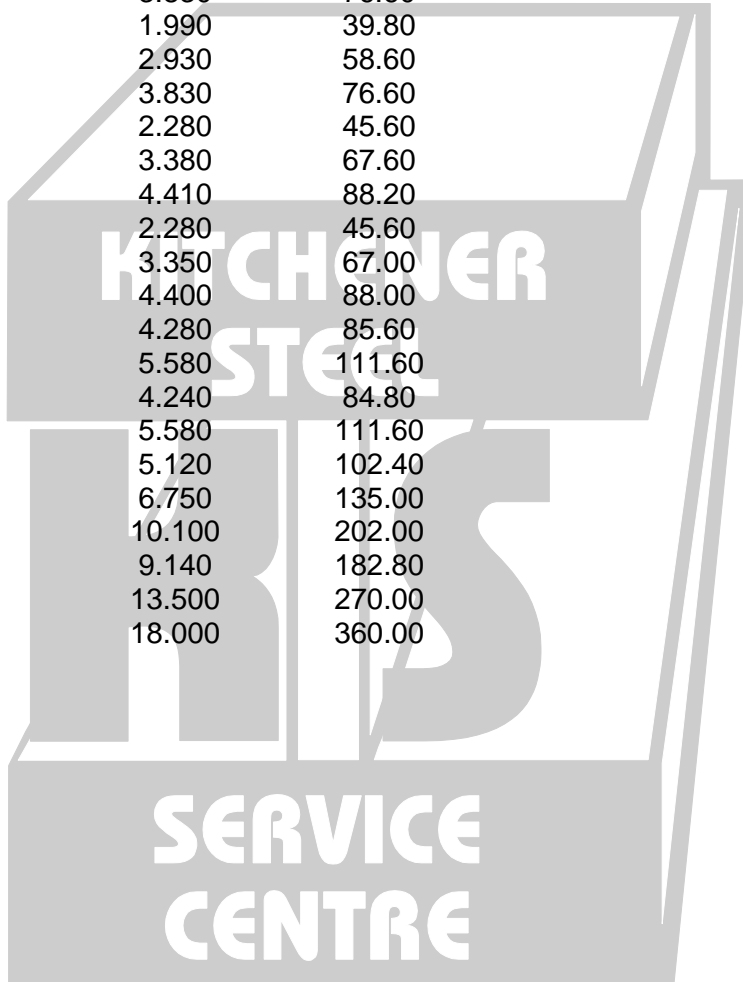
6061 T6 Extruded, round corner (QQA 200/8, AMS 4150)

6063 T52 Extruded, sharp corners (QQA 200/9, ASTM B221) 6063 is in 16 foot lengths

<u>Size (in inches)</u>	<u>lbs/ft</u>	<u>20' Bar</u>
1/2 x 1/2 x 1/16	.070	1.40
1/2 x 1/2 x 1/8	.131	2.62
5/8 x 5/8 x 1/8	.168	3.36
3/4 x 3/4 x 1/16	.107	2.14
3/4 x 3/4 x 1/8	.206	4.12
1 x 1/2 x 1/8	.206	4.12
1 x 3/4 x 1/8	.244	4.88
1 x 1 x 1/16	.145	2.90
1 x 1 x 1/8	.281	5.62
1 x 1 x 3/16	.409	8.18
1 x 1 x 1/4	.514	10.28
1 1/4 x 1 1/4 x 1/8	.356	7.12
1 1/4 x 1 1/4 x 3/16	.522	10.44
1 1/4 x 1 1/4 x 1/4	.660	13.20
1 1/2 x 1 1/4 x 1/8	.387	7.74
1 1/2 x 1 1/4 x 3/16	.570	11.40
1 1/2 x 1 1/4 x 1/4	.740	14.80
1 1/2 x 1 1/2 x 1/8	.431	8.62
1 1/2 x 1 1/2 x 3/16	.632	12.64
1 1/2 x 1 1/2 x 1/4	.810	16.20
1 3/4 x 1 3/4 x 1/8	.510	10.20
1 3/4 x 1 3/4 x 3/16	.740	14.80
1 3/4 x 1 3/4 x 1/4	.960	19.20
2 x 1 1/2 x 1/8	.506	10.12
2 x 1 1/2 x 3/16	.731	14.62
2 x 1 1/2 x 1/4	.960	19.20
2 x 2 x 1/8	.581	11.62
2 x 2 x 3/16	.860	17.20
2 x 2 x 1/4	1.130	22.60
2 x 2 x 5/16	1.360	27.20
2 x 2 x 3/8	1.610	32.20
2 1/2 x 1 1/2 x 3/16	.850	17.00
2 1/2 x 1 1/2 x 1/4	1.110	22.20
2 1/2 x 2 x 3/16	.961	19.22
2 1/2 x 2 x 1/4	1.260	25.20
2 1/2 x 2 1/2 x 1/8	.731	14.62
2 1/2 x 2 1/2 x 3/16	1.070	21.40
2 1/2 x 2 1/2 x 1/4	1.400	28.00
2 1/2 x 2 1/2 x 3/8	2.050	41.00
3 x 2 x 3/16	1.070	21.40
3 x 2 x 1/4	1.400	28.00
3 x 2 1/2 x 1/4	1.540	30.80
3 x 3 x 1/8	.881	17.62
3 x 3 x 3/16	1.310	26.20

Aluminum Angle

<u>Size (in inches)</u>	<u>lbs/ft</u>	<u>20' Bar</u>
3 x 3 x 1/4	1.680	33.60
3 x 3 x 5/16	2.080	41.60
3 x 3 x 3/8	2.470	49.40
3 x 3 x 1/2	3.410	68.20
3 1/2 x 2 1/2 x 1/4	1.680	33.63
3 1/2 x 3 1/2 x 1/4	1.990	39.80
3 1/2 x 3 1/2 x 5/16	2.460	49.20
3 1/2 x 3 1/2 x 3/8	2.930	58.60
3 1/2 x 3 1/2 x 1/2	3.830	76.60
4 x 3 x 1/4	1.990	39.80
4 x 3 x 3/8	2.930	58.60
4 x 3 x 1/2	3.830	76.60
4 x 4 x 1/4	2.280	45.60
4 x 4 x 3/8	3.380	67.60
4 x 4 x 1/2	4.410	88.20
5 x 3 x 1/4	2.280	45.60
5 x 3 x 3/8	3.350	67.00
5 x 3 x 1/2	4.400	88.00
5 x 5 x 3/8	4.280	85.60
5 x 5 x 1/2	5.580	111.60
6 x 4 x 3/8	4.240	84.80
6 x 4 x 1/2	5.580	111.60
6 x 6 x 3/8	5.120	102.40
6 x 6 x 1/2	6.750	135.00
6 x 6 x 3/4	10.100	202.00
8 x 8 x 1/2	9.140	182.80
8 x 8 x 3/4	13.500	270.00
8 x 8 x 1	18.000	360.00



Service-Oriented Staff

Aluminum Channel

6061 T6 (QQA 200/16, ASTM B308, AMS 4113)

<u>Size in Inches</u>	<u>lbs/ft</u>	<u>20' Bar</u>
2 x 1 x .130	.577	11.54
2 x 1.25 x .170	1.070	21.40
3 x 1.50 x .130	1.140	22.80
3 x 1.41 x .170	1.420	28.40
3 x 1.75 x .170	1.600	32.00
3 x 1.50 x .258	1.730	34.60
3 x 1.60 x .356	2.070	41.40
4 x 2 x .150	1.740	34.80
4 x 1.58 x .180	1.850	37.00
4 x 2.25 x .190	2.330	46.60
4 x 1.65 x .247	2.160	43.20
4 x 1.72 x .320	2.500	50.00
5 x 2.25 x .150	2.210	44.20
5 x 1.75 x .190	2.320	46.40
5 x 2.75 x .190	3.090	61.80
5 x 1.89 x .325	3.110	62.20
5 x 2.032 x .472	3.975	79.50
6 x 2.50 x .170	2.830	56.60
6 x 1.92 x .200	2.830	56.60
6 x 3.25 x .210	4.030	80.60
6 x 1.95 x .225	3.000	60.00
6 x 2.03 x .314	3.630	72.60
6 x 2.16 x .437	4.500	90.00
7 x 2.75 x .170	3.210	64.20
7 x 3.50 x .210	4.720	94.40
8 x 3.00 x .190	4.150	83.00
8 x 2.29 x .250	4.250	85.00
8 x 3.75 x .250	5.790	115.80
8 x 2.343 x .303	4.750	95.00
8 x 2.527 x .487	6.480	129.60
9 x 3.25 x .230	4.980	99.60
9 x 4.00 x .290	6.970	139.40
10 x 2.60 x .240	5.280	105.60
10 x 3.50 x .250	6.140	122.80
10 x 4.25 x .310	8.360	167.20
10 x 2.886 x .526	8.640	172.80
12 x 4.00 x .290	8.270	165.40
12 x 2.96 x .300	7.410	148.20
12 x 5.00 x .350	11.820	236.40
12 x 3.047 x .387	8.640	172.80

Aluminum Channel

6063 T52 Channel (QQA 200/9, ASTM B221)

<u>Size in Inches</u>	<u>lbs/ft</u>	<u>16' Bar</u>
1/2 x 3/8 x 1/8	.150	2.40
1/2 x 1/2 x 3/32	.148	2.37
1/2 x 3/4 x 1/8	.263	4.21
5/8 x 5/8 x 1/8	.243	3.89
3/4 x 3/8 x 1/8	.186	2.98
3/4 x 5/8 x 1/8	.263	4.21
3/4 x 3/4 x 1/8	.299	4.78
1 x 1/2 x 1/8	.262	4.19
1 x 1 x 1/8	.413	6.61
1 1/4 x 1/2 x 1/8	.299	4.78
1 1/4 x 3/4 x 1/8	.375	6.00
1 1/4 x 1 1/4 x 1/8	.526	8.42
1 1/2 x 1/2 x 1/8	.336	5.38
1 1/2 x 3/4 x 1/8	.405	6.48
1 3/4 x 1/2 x 1/8	.376	6.02
1 3/4 x 3/4 x 1/8	.450	7.20
1 3/4 x 1 x 1/8	.526	8.42
2 x 1/2 x 1/8	.413	6.61
2 x 1 x 1/8	.563	9.01
2 x 1 x 3/16	.702	11.23
2 x 2 x 1/8	.846	13.54
2 x 2 x 1/4	1.670	26.72
2 1/4 x 7/8 x 1/8	.562	8.99
2 3/8 x 1 1/4 x 3/16	1.010	16.16
2 1/2 x 1 1/2 x 1/8	.787	12.59
3 x 1/2 x 1/8	.563	9.01
3 x 1 x 1/8	.713	11.41
5 x 2 x 3/16	1.950	31.20

Aluminum Tee Bar

6061 T6 – QQA 200/16 – 25' lengths

6063 T52 – QQA 200/9 – 25' lengths

<u>Size in Inches</u>	<u>lbs/ft</u>	<u>6061 T6</u>	<u>6063 T52</u>
3/4 x 3/4 x 1/8	.202		x
1 x 1 x 1/8	.274		x
1 1/4 x 7/8 x 1/8	.294		x
1 1/2 x 1 1/2 x 1/4	.825		x
2 x 3/4 x 1/8	.386		x
2 x 2 x 3/4	1.260	x	x
3 x 3 x 3/8	2.720	x	

Aluminum I-Beam

6061 T6 – QQA 200/16, ASTM B308, AMS 4113

<u>Size in Inches</u>	<u>lbs/ft</u>	<u>Size in Inches</u>	<u>lbs/ft</u>
3 x .130 x 2.500	1.640	6 x .190 x 4.000	4.030
3 x .150 x 2.500	2.030	6 x .210 x 4.000	4.692
3 x .170 x 2.330	1.994	6 x .230 x 3.330	4.421
3 x .251 x 2.411	2.310	6 x .343 x 3.443	5.220
3 x .349 x 2.509	2.670		
		7 x .230 x 4.500	5.800
4 x .150 x 3.00	2.311		
4 x .170 x 3.000	2.793	8 x .230 x 5.000	6.181
4 x .190 x 2.660	2.698	8 x .250 x 5.000	7.023
4 x .326 x 2.796	3.373	8 x .270 x 4.000	6.510
5 x .190 x 3.500	3.700	9 x .270 x 5.500	8.361
5 x .210 x 3.000	3.508		

Aluminum H-Beam & Wide Flange

6061 T6 – QQA 200/8, ASTM B221, AMS 4150

<u>Size in Inches</u>	<u>lbs/ft</u>
4 x 4 x .312	4.844
5 x 5 x .312	6.629
6 x 6 x .250	7.850
8 x 8 x .313	11.200
6 x 4 x .230	4.160
6 x 6 x .240	5.400
8 x 5.250 x .230	5.900
8 x 6.500 x .245	8.320
8 x 8 x .288	10.700

Knowledgeable Sales Staff

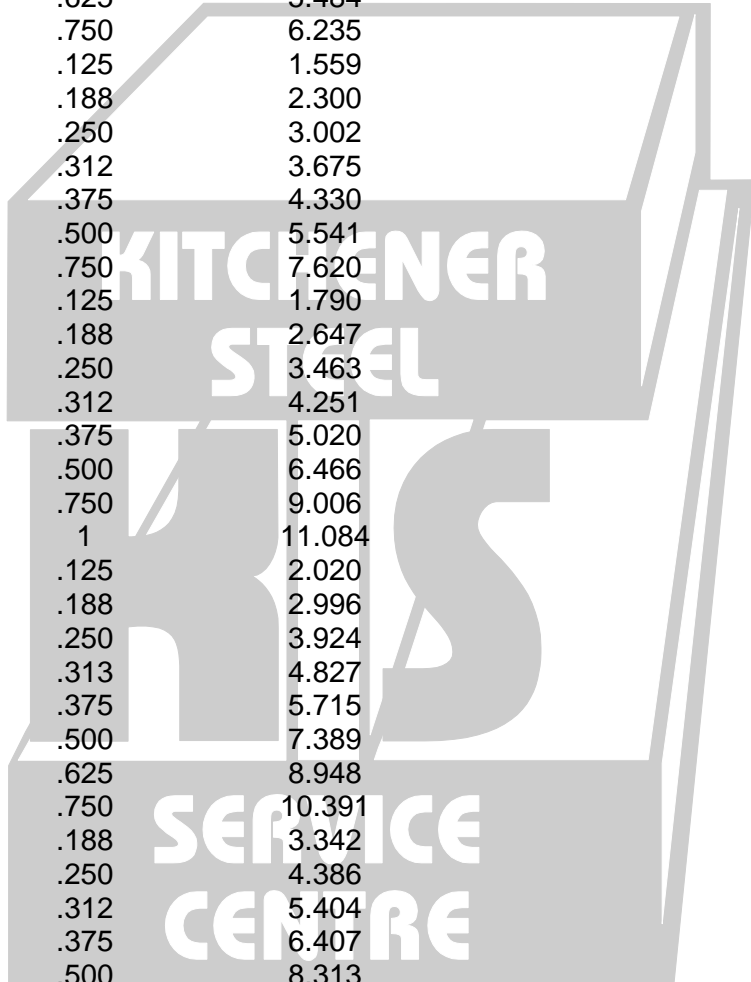
Aluminum Extruded Round Tube

6061 T6511 (QQA 200/8, ASTM B221)

<u>Size of O.D</u>	<u>Wall Thickness</u>	<u>Approx. lbs/ft</u>
1	.125	.405
	.187	.562
	.250	.693
1 1/4	.125	.520
	.188	.737
1 3/8	.125	.577
	.250	1.040
1 1/2	.125	.635
	.188	.911
	.250	1.157
	.312	1.369
	.375	1.558
1 5/8	.125	.700
	.250	1.270
1 3/4	.125	.750
	.188	1.081
	.250	1.385
	.500	2.310
2	.125	.866
	.188	1.259
	.250	1.616
	.313	1.951
2 1/4	.375	2.251
	.500	2.771
	.125	.981
	.188	1.432
	.250	1.847
2 3/8	.313	2.240
	.375	2.598
	.500	3.233
	.250	1.963
	.500	3.463
2 1/2	.125	1.097
	.188	1.606
	.250	2.078
	.313	2.528
2 3/4	.375	2.944
	.500	3.695
	.750	4.849
	.188	1.692
2 5/8	.375	3.118
	.125	1.212
2 3/4	.188	1.776
	.250	2.310
	.312	2.811
	.375	3.290

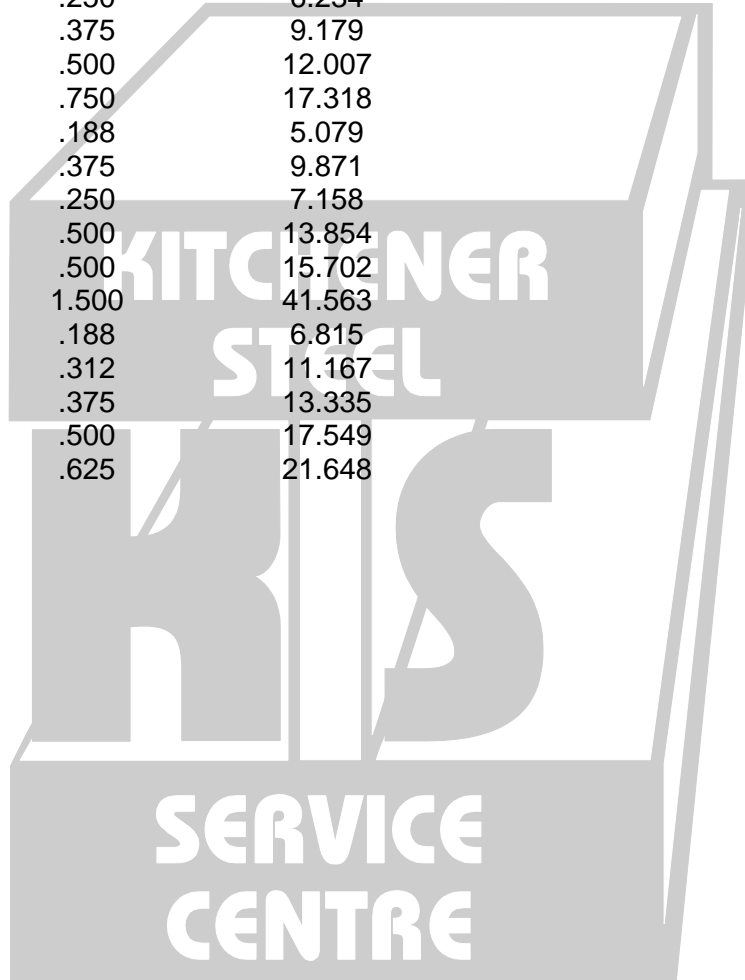
Aluminum Extruded Round Tube

<u>Size of O.D</u>	<u>Wall Thickness</u>	<u>Approx. lbs/ft</u>
2 3/4	.500	4.156
	.625	4.907
3	.125	1.328
	.188	1.953
	.250	2.539
	.313	3.107
	.375	3.637
	.500	4.618
	.625	5.484
3 1/2	.750	6.235
	.125	1.559
	.188	2.300
	.250	3.002
	.312	3.675
	.375	4.330
	.500	5.541
4	.750	7.620
	.125	1.790
	.188	2.647
	.250	3.463
	.312	4.251
	.375	5.020
	.500	6.466
4 1/2	.750	9.006
	1	11.084
	.125	2.020
	.188	2.996
	.250	3.924
	.313	4.827
	.375	5.715
5	.500	7.389
	.625	8.948
	.750	10.391
	.188	3.342
	.250	4.386
	.312	5.404
	.375	6.407
5 1/2	.500	8.313
	.188	3.690
	.250	4.849
	.312	5.980
6	.375	7.101
	.500	9.236
	.188	4.037
	.250	5.311
	.312	6.560
6	.375	7.793
	.500	10.159



Aluminum Extruded Round Tube

<u>Size of O.D</u>	<u>Wall Thickness</u>	<u>Approx. lbs/ft</u>
6	.625	12.411
	.750	14.547
	1	18.473
6 1/2	.188	4.386
	.250	5.773
	.375	8.486
	.500	11.084
	.750	15.932
7	.250	6.234
	.375	9.179
	.500	12.007
	.750	17.318
7 1/2	.188	5.079
	.375	9.871
8	.250	7.158
	.500	13.854
9	.500	15.702
	1.500	41.563
10	.188	6.815
	.312	11.167
	.375	13.335
	.500	17.549
	.625	21.648



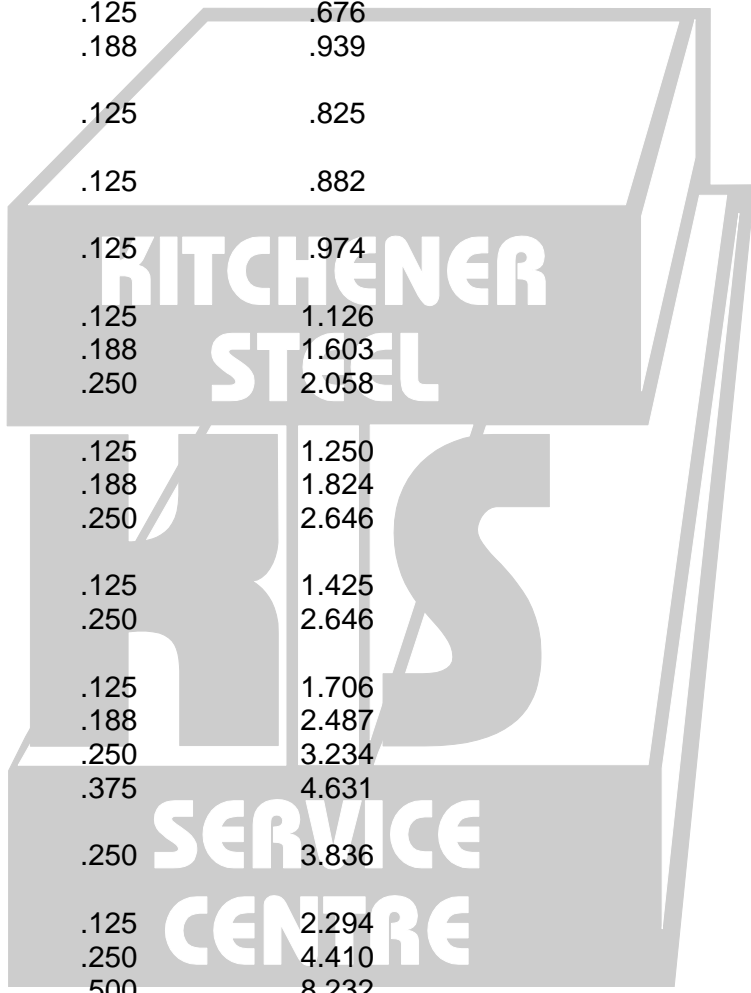
***Other sizes available on request.
Supplied in full lengths or cut to your size.***

Extruded Square Aluminum Tubing

6061 T6511 (QQA 200/8, ASTM B221)

6063 T53 (QQA 200/9, ASTM B221)

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>lbs/ft</u>
3/4 x 3/4	.062	.205
	.125	.376
1 x 1	.062	.280
	.125	.526
1 1/4 x 1 1/4	.125	.676
	.188	.939
1 1/2 x 1 1/2	.125	.825
1 5/8 x 1 5/8	.125	.882
1 3/4 x 1 3/4	.125	.974
	.188	1.126
2 x 2	.188	1.603
	.250	2.058
	.125	1.250
2 1/4 x 2 1/4	.188	1.824
	.250	2.646
	.125	1.425
2 1/2 x 2 1/2	.250	2.646
	.125	1.706
	.188	2.487
3 x 3	.250	3.234
	.375	4.631
	.125	2.867
	.188	4.256
3 1/2 x 3 1/2	.250	3.836
	.125	2.294
4 x 4	.250	4.410
	.500	8.232
	.125	2.867
5 x 5	.188	4.256
	.250	5.586
	.312	6.880
	.375	8.159
6 x 6	.125	3.455
	.188	5.140



Extruded Square Aluminum Tubing

<u>Size in Inches</u>	<u>Wall Thickness</u>	<u>lbs/ft</u>
6 x 6	.250	6.762
	.312	8.348
	.375	9.923
	.500	12.936
	1.000	23.520
8 x 8	.188	6.909
	.250	9.114
	.375	13.451
	.500	17.640

Aluminum Rectangular Tubing

6063 T52 (QQA 200/9)

<u>Size in Inches</u>	<u>lbs/ft</u>
1 x 1/2 x 1/8	.366
1 1/2 x 3/4 x 1/8	.588
1 1/2 x 1 x 1/8	.661
2 x 1 x 1/8	.809
2 x 1 1/2 x 1/8	.976
2 1/2 x 1 1/4 x 1/8	1.030
2 1/2 x 1 1/2 x 1/8	1.103
3 x 1 1/2 x 3/16	1.861
3 x 2 x 1/8	1.400
3 1/2 x 1 3/4 x 1/8	1.470
4 x 1 3/4 x 1/8	1.650
4 x 2 x 1/8	1.690
4 1/2 x 1 3/4 x 1/8	1.770
5 x 1 3/4 x 1/8	1.991
5 x 2 x 1/8	1.990
6 x 2 x 1/8	2.279
6 x 3 x 3/16	3.890
8 x 2 x 1/8	2.925

Aluminum Pipe

6061 T6 (QQA 200/8, ASTM B241)

6063 T6 (QQA 200/9, ASTM B241)

<u>Nom. Size</u>	<u>Schedule</u>	<u>Wall</u>	<u>lbs/ft</u>	<u>Size O.D.</u>	<u>Size I.D.</u>	<u>6063 T6</u>
1/8	40	.068	.085	.405	.269	
1/4	40	.088	.147	.540	.364	
3/8	40	.091	.196	.675	.493	
1/2	40	.109	.294	.840	.622	x
3/4	40	.113	.391	1.050	.824	x
1	40	.133	.581	1.315	1.049	x
	80	.179	.751	1.315	.957	x
1 1/4	10	.109	.618	1.660	1.442	x
	40	.140	.786	1.660	1.380	x
	80	.191	1.037	1.660	1.278	x
1 1/2	10	.109	.714	1.900	1.682	x
	40	.145	.940	1.900	1.610	x
	80	.200	1.254	1.900	1.500	
2	10	.109	.913	2.375	2.157	x
	40	.154	1.264	2.375	2.067	x
	80	.218	1.737	2.375	1.939	x
2 1/2	10	.120	1.221	2.875	2.635	x
	40	.203	2.004	2.875	2.469	x
	80	.276	2.650	2.875	2.323	x
3	10	.120	1.483	3.500	3.260	x
	40	.216	2.621	3.500	3.068	x
	80	.300	3.547	3.500	2.900	x
4	10	.120	1.922	4.500	4.260	x
	40	.237	3.733	4.500	4.026	x
	80	.337	5.183	4.500	3.826	x
5	10	.134	2.660	5.563	5.295	x
	40	.258	5.057	5.563	5.047	x
	80	.375	7.188	5.563	4.813	
6	10	.134	3.181	6.625	6.357	x
	40	.280	6.564	6.625	6.065	x
	80	.432	9.884	6.625	5.761	
8	40	.322	9.878	8.625	7.981	x
10	40	.365	14.000	10.750	10.020	x
12	40	.406	18.520	12.750	11.938	x

Note: x shows these sizes also available as 6063 T6.

Non-Heat Treatable Sheet & Plate

3003 H14 (QQA 250/2, AMS 4008)

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
.020 x 36 x 96	.285	.080 x 60 x 120	1.141
.020 x 36 x 120	.285	.080 x 60 x 144	1.141
.020 x 48 x 96	.285	.090 x 36 x 96	1.283
.025 x 36 x 96	.386	.090 x 48 x 96	1.283
.025 x 36 x 120	.386	.090 x 48 x 120	1.283
.025 x 36 x 144	.386	.090 x 48 x 144	1.283
.025 x 48 x 96	.386	.090 x 60 x 120	1.283
.025 x 48 x 120	.386	.090 x 60 x 144	1.283
.025 x 48 x 144	.386	.100 x 36 x 96	1.430
.032 x 36 x 96	.456	.100 x 48 x 120	1.430
.032 x 36 x 120	.456	.100 x 48 x 144	1.430
.032 x 48 x 96	.456	.100 x 60 x 144	1.430
.032 x 48 x 120	.456	.125 x 36 x 96	1.782
.032 x 48 x 144	.456	.125 x 36 x 120	1.782
.040 x 36 x 96	.570	.125 x 36 x 144	1.782
.040 x 36 x 120	.570	.125 x 48 x 96	1.782
.040 x 48 x 96	.570	.125 x 48 x 120	1.782
.040 x 48 x 120	.570	.125 x 48 x 144	1.782
.040 x 48 x 144	.570	.125 x 60 x 120	1.782
.040 x 60 x 144	.570	.125 x 60 x 144	1.782
.050 x 36 x 96	.713	.125 x 72 x 120	1.782
.050 x 36 x 120	.713	.160 x 48 x 144	2.280
.050 x 48 x 96	.713	.190 x 36 x 96	2.710
.050 x 48 x 120	.713	.190 x 48 x 120	2.710
.050 x 48 x 144	.713	.190 x 48 x 144	2.710
.050 x 60 x 144	.713	.190 x 60 x 96	2.710
.063 x 36 x 96	.898	.190 x 60 x 120	2.710
.063 x 36 x 120	.898	.190 x 60 x 144	2.710
.063 x 48 x 96	.898	.190 x 72 x 144	2.710
.063 x 48 x 120	.898	.250 x 36 x 96	3.564
.063 x 48 x 144	.898	.250 x 48 x 120	3.564
.063 x 60 x 144	.898	.250 x 48 x 144	3.564
.080 x 36 x 96	1.141	.250 x 60 x 144	3.564
.080 x 36 x 120	1.141	.250 x 72 x 144	3.564
.080 x 36 x 144	1.141	.375 x 48 x 144	5.400
.080 x 48 x 96	1.141	.500 x 48 x 144	7.200
.080 x 48 x 120	1.141		

Note: some sizes are also available in O temper.

Non-Heat Treatable Sheet & Plate

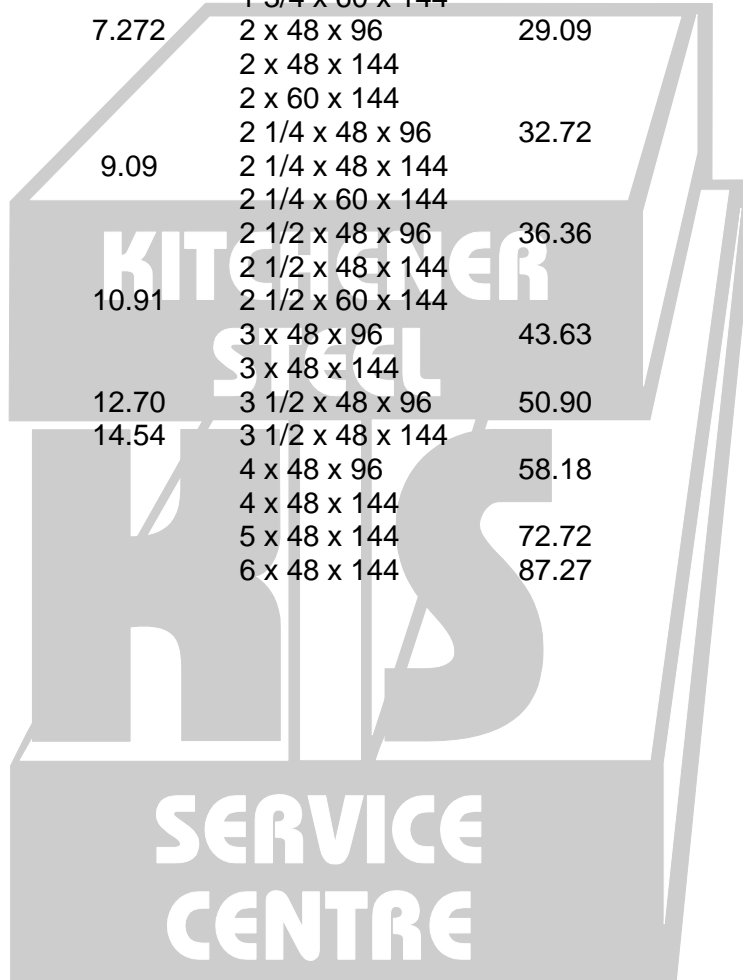
6061 T651/T6 (QQA 250/11, AMS 4027)

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
.032 x 36 x 96	.452	.250 x 60 x 144	3.530
.032 x 48 x 120		.250 x 84 x 192	
.032 x 48 x 144		.312 x 36 x 96	4.410
.040 x 36 x 96	.565	.312 x 48 x 144	
.040 x 48 x 144		.375 x 48 x 144	5.292
.050 x 36 x 96	.706	.375 x 60 x 144	
.050 x 48 x 120		.375 x 84 x 192	
.050 x 48 x 144		.500 x 48 x 96	7.060
.050 x 60 x 144		.500 x 48 x 144	
.063 x 36 x 96	.889	.500 x 60 x 144	
.063 x 48 x 96		.500 x 84 x 192	
.063 x 48 x 120		.625 x 48 x 144	8.820
.063 x 60 x 144		.625 x 84 x 192	
.080 x 48 x 120	1.130	.750 x 48 x 144	10.600
.080 x 48 x 144		.750 x 60 x 144	
.080 x 60 x 144		.750 x 84 x 192	
.080 x 72 x 144		.875 x 48 x 144	12.350
.090 x 48 x 144	1.270	.875 x 84 x 192	
.090 x 60 x 144		1.00 x 48 x 144	14.110
.100 x 48 x 144	1.411	1.00 x 60 x 144	
.125 x 36 x 96	1.764	1.00 x 84 x 192	
.125 x 36 x 144		1.25 x 48 x 144	17.64
.125 x 48 x 96		1.25 x 60 x 144	
.125 x 48 x 120		1.25 x 84 x 192	
.125 x 48 x 144		1.50 x 48 x 144	21.200
.125 x 60 x 144		1.50 x 60 x 144	
.160 x 36 x 96	2.258	1.50 x 84 x 192	
.160 x 48 x 144		1.75 x 48 x 144	24.700
.160 x 60 x 144		1.75 x 84 x 192	
.190 x 36 x 96	2.690	2.00 x 48 x 144	28.220
.190 x 48 x 120		2.00 x 60 x 144	
.190 x 48 x 144		2.00 x 84 x 192	
.190 x 60 x 144		2.25 x 48 x 144	31.800
.190 x 60 x 180		2.25 x 84 x 192	
.190 x 72 x 144		2.50 x 48 x 144	35.300
.250 x 36 x 96	3.530	2.50 x 84 x 192	
.250 x 48 x 96		2.75 x 48 x 144	38.800
.250 x 48 x 144		2.75 x 84 x 192	
.250 x 60 x 120		3.00 x 48 x 144	42.340

Sizes up to 12" thick available on request.

Cast Tool and Jig Plate

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
1/4 x 48 x 96	3.636	1 1/4 x 48 x 96	18.18
1/4 x 48 x 144		1 1/4 x 48 x 144	
1/4 x 60 x 120		1 1/4 x 60 x 144	
1/4 x 60 x 144		1 1/2 x 48 x 96	21.82
5/16 x 48 x 96	4.545	1 1/2 x 48 x 144	
5/16 x 48 x 144		1 1/2 x 60 x 144	
3/8 x 48 x 96	5.454	1 3/4 x 48 x 96	25.45
3/8 x 48 x 144		1 3/4 x 48 x 144	
3/8 x 60 x 144		1 3/4 x 60 x 144	
1/2 x 48 x 96	7.272	2 x 48 x 96	29.09
1/2 x 48 x 144		2 x 48 x 144	
1/2 x 60 x 120		2 x 60 x 144	
1/2 x 60 x 144		2 1/4 x 48 x 96	32.72
5/8 x 48 x 96	9.09	2 1/4 x 48 x 144	
5/8 x 48 x 120		2 1/4 x 60 x 144	
5/8 x 48 x 144		2 1/2 x 48 x 96	36.36
5/8 x 60 x 144		2 1/2 x 48 x 144	
3/4 x 48 x 96	10.91	2 1/2 x 60 x 144	
3/4 x 48 x 144		3 x 48 x 96	43.63
3/4 x 60 x 144		3 x 48 x 144	
7/8 x 48 x 144	12.70	3 1/2 x 48 x 96	50.90
1 x 48 x 96	14.54	3 1/2 x 48 x 144	
1 x 48 x 120		4 x 48 x 96	58.18
1 x 48 x 144		4 x 48 x 144	
1 x 60 x 144		5 x 48 x 144	72.72
		6 x 48 x 144	87.27



All Tool & Jig Plate can be ordered in full size plates or cut to size.

5086 H34 Diamond Tread Plate

ASTM B209

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
.125 x 48 x 192	1.96	.375 x 60 x 192	5.49
.188 x 48 x 192	2.94	.4375 x 60 x 144	6.31
.250 x 48 x 192	3.70	.4375 x 60 x 192	6.31
.250 x 60 x 192	3.70	.500 x 48 x 192	7.06
.312 x 48 x 192	4.59	.500 x 60 x 192	7.06
.312 x 60 x 192	4.59	.625 x 60 x 144	8.96
.375 x 48 x 144	5.49	.625 x 60 x 192	8.96
.375 x 48 x 192	5.49		

6061 T6 Diamond Tread Plate

ASTM B632

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
.100 x 48 x 192	1.60	.250 x 60 x 192	3.90
.125 x 48 x 144	2.00	.375 x 48 x 144	5.60
.125 x 48 x 192	2.00	.375 x 48 x 192	5.60
.125 x 60 x 144	2.00	.375 x 60 x 144	5.60
.125 x 60 x 192	2.00	.375 x 60 x 192	5.60
.188 x 48 x 144	3.00	.375 x 72 x 144	5.60
.188 x 48 x 192	3.00	.375 x 72 x 192	5.60
.188 x 60 x 144	3.00	.500 x 48 x 144	7.20
.188 x 60 x 192	3.00	.500 x 48 x 192	7.20
.250 x 36 x 144	3.90	.500 x 60 x 144	7.20
.250 x 48 x 144	3.90	.500 x 60 x 192	7.20
.250 x 48 x 192	3.90	.500 x 72 x 144	7.20
.250 x 60 x 144	3.90	.500 x 72 x 192	7.20

3003 Tread Bright

<u>Size in Inches</u>	<u>lbs/sqft</u>	<u>Size in Inches</u>	<u>lbs/sqft</u>
.100 x 48 x 144	1.57	.125 x 60 x 120	1.92
.100 x 48 x 192	1.57	.125 x 60 x 192	1.92
.125 x 48 x 120	1.92	.188 x 48 x 192	2.82
.125 x 48 x 144	1.92	.188 x 60 x 192	2.82
.125 x 48 x 192	1.92		

STAINLESS STEEL

Bars

- Round
- Square
- Flat

Structural

- Angles
- Channel

Tubing

- Square

Pipe

Sheet and Plate



Stainless Steel Round

303: ASTM A581, ASTM A582, AMS 5640

304: ASTM A276, ASTM A479, ASME SA479

316: ASTM A276, ASTM A479, ASTM A580, AMS 5653

<u>Size</u>	<u>lbs/ft</u>	<u>303</u>	<u>304</u>	<u>316</u>	<u>416</u>	<u>440C</u>
1/16	.0104	x			x	
3/32	.0235	x			x	
1/8	.0418	x	x	x	x	x
5/32	.0653	x	x		x	
3/16	.0940	x	x	x	x	
7/32	.1279	x	x		x	
1/4	.1671	x	x	x	x	x
5/16	.2610	x	x	x	x	x
3/8	.3759	x		x	x	x
7/16	.5116	x		x	x	
1/2	.6682	x		x	x	x
9/16	.8457	x		x	x	
5/8	1.044	x		x	x	x
11/16	1.263	x		x	x	
3/4	1.504	x		x	x	x
13/16	1.765	x	x	x	x	
7/8	2.046	x	x	x	x	x
15/16	2.349	x	x	x	x	
1	2.673	x	x	x	x	x
1 1/8	3.383	x	x	x	x	x
1 3/16	3.769	x	x	x	x	
1 1/4	4.176	x	x	x	x	x
1 5/16	4.604	x	x	x	x	
1 3/8	5.053	x	x	x	x	
1 7/16	5.523	x	x	x	x	
1 1/2	6.014	x	x	x	x	x
1 9/16	6.526	x	x	x	x	
1 5/8	7.058	x	x	x	x	
1 11/16	7.612	x		x	x	
1 3/4	8.186	x	x	x	x	x
1 13/16	8.781	x			x	
1 7/8	9.397	x	x	x	x	
1 15/16	10.03			x	x	
2	10.69	x	x	x	x	x
2 1/8	12.07	x	x	x	x	
2 3/16	12.79	x	x	x	x	
2 1/4	13.53	x	x	x	x	x
2 5/16	14.29	x	x			
2 3/8	15.08	x	x	x	x	
2 7/16	15.88	x			x	
2 1/2	16.71	x	x	x	x	x
2 9/16	17.55	x				
2 5/8	18.42	x	x	x	x	
2 11/16	19.31	x				
2 3/4	20.21	x	x		x	x

Stainless Steel Round

<u>Size</u>	<u>lbs/ft</u>	<u>303</u>	<u>304</u>	<u>316</u>	<u>416</u>	<u>440C</u>
2 7/8	22.09	x	x	x	x	
2 15/16	23.06	x		x		
3	24.06	x	x	x	x	x
3 1/8	26.10	x	x	x	x	
3 1/4	28.23	x	x	x	x	
3 3/8	30.45	x	x	x	x	
3 1/2	32.74	x	x	x	x	x
3 5/8	35.12	x	x	x	x	
3 3/4	37.59	x	x	x	x	
3 7/8	40.14	x	x	x		
4	42.77	x	x	x	x	x
4 1/8	45.48		x			
4 1/4	48.28	x	x	x	x	
4 3/8	51.16		x	x		
4 1/2	54.13	x	x	x	x	
4 5/8	57.18	x	x			
4 3/4	60.31	x	x	x	x	
4 7/8	63.52	x	x			
5	66.82	x	x	x	x	x
5 1/4	73.67		x			
5 1/2	80.86		x			
5 3/4	88.37		x			
6	96.22		x			x
6 1/4	104.40		x			
6 1/2	112.90		x			
6 3/4	121.80		x			
7	131.00		x			
7 1/4	140.50		x			
7 1/2	150.40		x			
7 3/4	160.50		x			
8	171.10		x			x

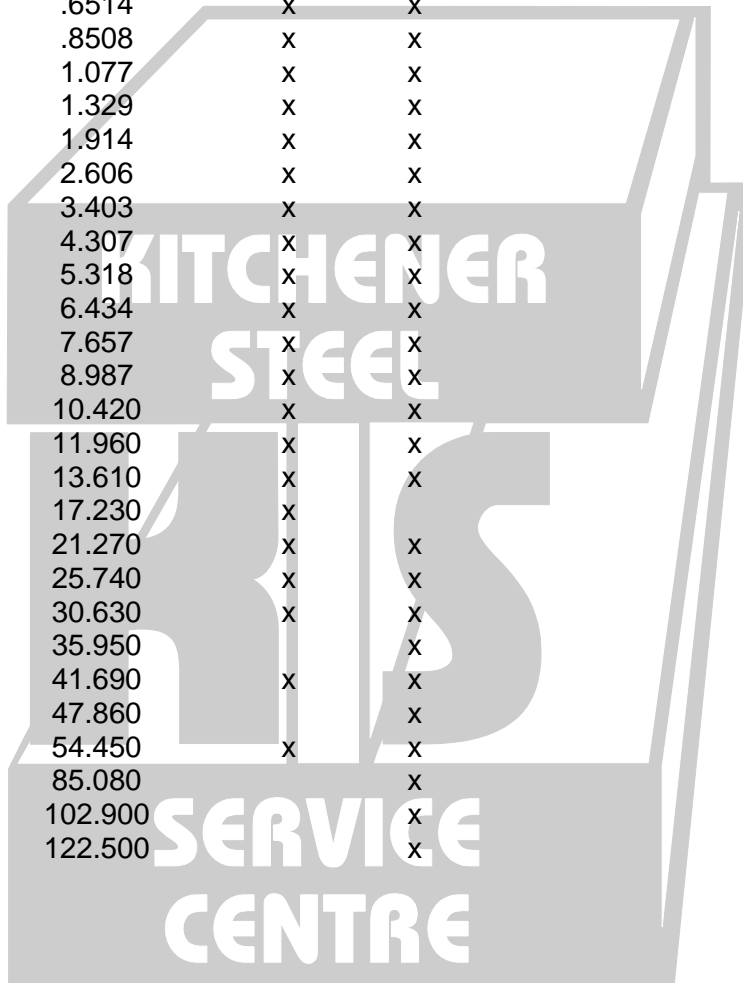


Stainless Steel Square

303: ASTM A581, ASTM A582, AMS 5640

304: ASTM A276, ASTM A479, ASME SA479

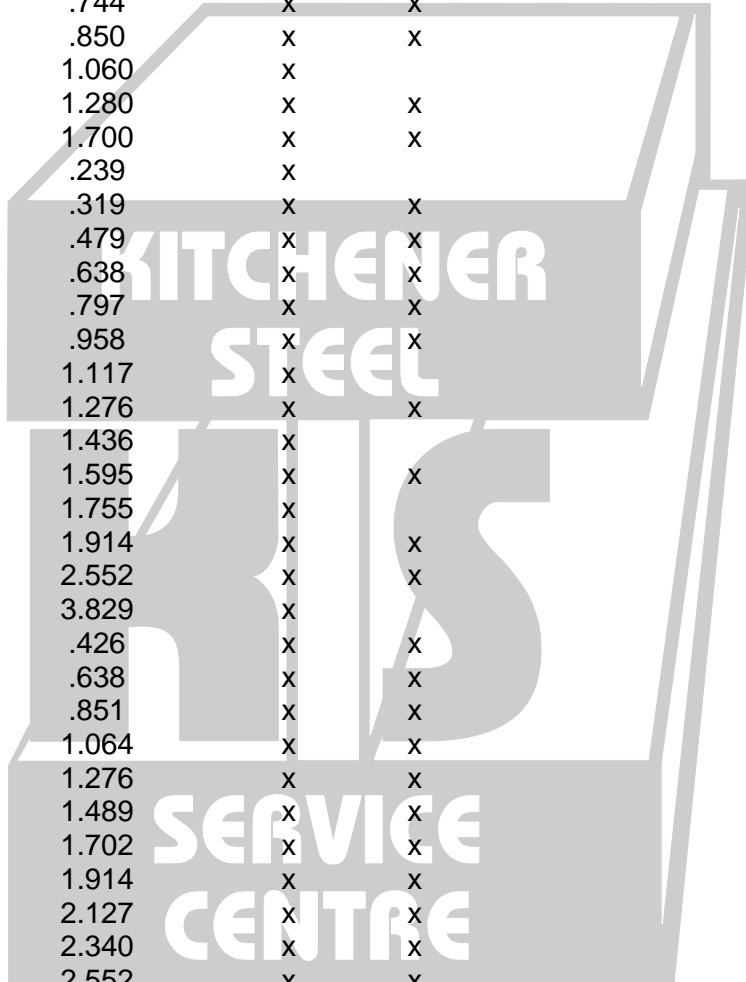
<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>303</u>	<u>304</u>
1/8	.0531	x	x
3/16	.1196	x	x
1/4	.2127	x	x
5/16	.3323	x	x
3/8	.4786	x	x
7/16	.6514	x	x
1/2	.8508	x	x
9/16	1.077	x	x
5/8	1.329	x	x
3/4	1.914	x	x
7/8	2.606	x	x
1	3.403	x	x
1 1/8	4.307	x	x
1 1/4	5.318	x	x
1 3/8	6.434	x	x
1 1/2	7.657	x	x
1 5/8	8.987	x	x
1 3/4	10.420	x	x
1 7/8	11.960	x	x
2	13.610	x	x
2 1/4	17.230	x	x
2 1/2	21.270	x	x
2 3/4	25.740	x	x
3	30.630	x	x
3 1/4	35.950	x	x
3 1/2	41.690	x	x
3 3/4	47.860	x	x
4	54.450	x	x
5	85.080	x	x
5 1/2	102.900	x	x
6	122.500	x	x



Stainless Steel Flat Bar

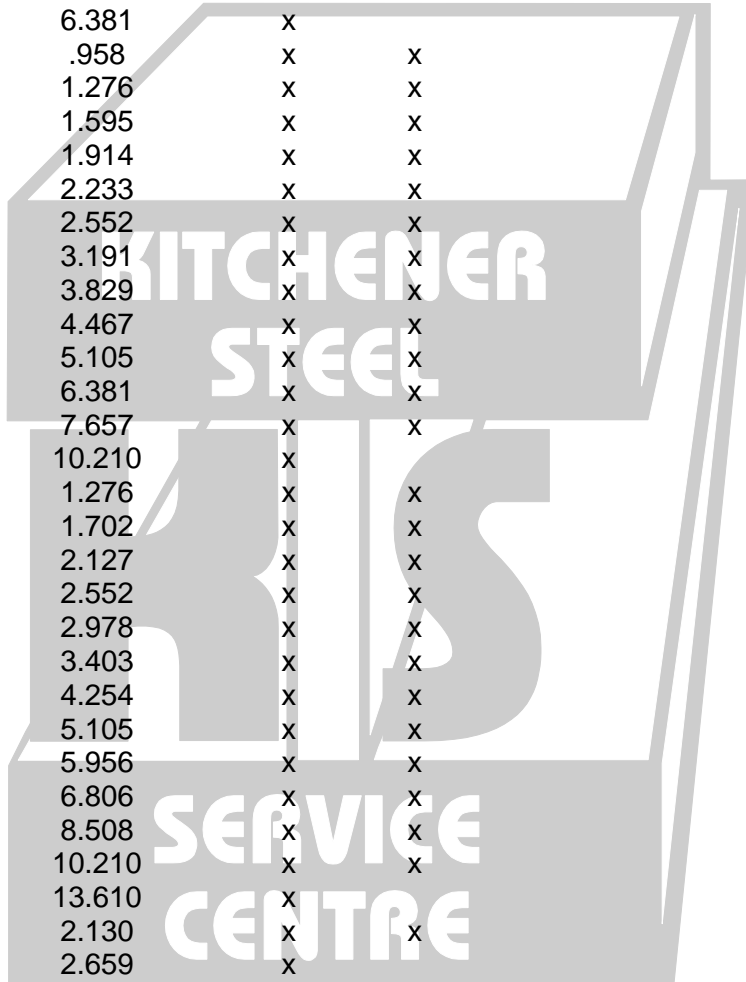
304/316: ASTM A276, ASTM A479, ASME SA479

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>304</u>	<u>316</u>
1/8 x 1/4	.106	x	
1/8 x 3/8	.160	x	
1/8 x 1/2	.213	x	
1/8 x 3/4	.319	x	
1/8 x 1	.425	x	x
1/8 x 1 1/4	.531	x	x
1/8 x 1 1/2	.638	x	x
1/8 x 1 3/4	.744	x	x
1/8 x 2	.850	x	x
1/8 x 2 1/2	1.060	x	
1/8 x 3	1.280	x	x
1/8 x 4	1.700	x	x
3/16 x 3/8	.239	x	
3/16 x 1/2	.319	x	x
3/16 x 3/4	.479	x	x
3/16 x 1	.638	x	x
3/16 x 1 1/4	.797	x	x
3/16 x 1 1/2	.958	x	x
3/16 x 1 3/4	1.117	x	
3/16 x 2	1.276	x	x
3/16 x 2 1/4	1.436	x	
3/16 x 2 1/2	1.595	x	x
3/16 x 2 3/4	1.755	x	
3/16 x 3	1.914	x	x
3/16 x 4	2.552	x	x
3/16 x 6	3.829	x	
1/4 x 1/2	.426	x	x
1/4 x 3/4	.638	x	x
1/4 x 1	.851	x	x
1/4 x 1 1/4	1.064	x	x
1/4 x 1 1/2	1.276	x	x
1/4 x 1 3/4	1.489	x	x
1/4 x 2	1.702	x	x
1/4 x 2 1/4	1.914	x	x
1/4 x 2 1/2	2.127	x	x
1/4 x 2 3/4	2.340	x	x
1/4 x 3	2.552	x	x
1/4 x 3 1/2	2.978	x	x
1/4 x 4	3.403	x	x
1/4 x 4 1/2	3.829	x	
1/4 x 5	4.254	x	x
1/4 x 6	5.105	x	x
1/4 x 8	6.806	x	
5/16 x 3/8	.399	x	
5/16 x 1/2	.532	x	
5/16 x 3/4	.798	x	



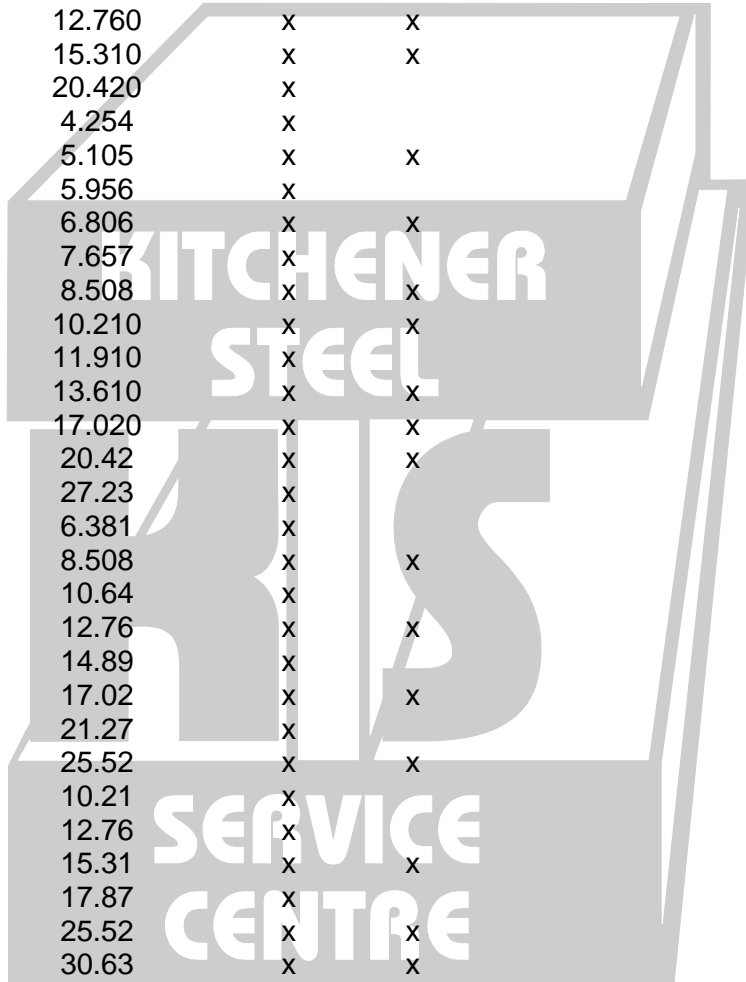
Stainless Steel Flat Bar

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>304</u>	<u>316</u>
5/16 x 1	1.064	x	
5/16 x 1 1/4	1.329	x	
5/16 x 1 1/2	1.595	x	
5/16 x 1 3/4	1.861	x	
5/16 x 2	2.127	x	
5/16 x 2 1/2	2.659	x	
5/16 x 3	3.191	x	
5/16 x 4	4.254	x	
5/16 x 5	5.318	x	
5/16 x 6	6.381	x	
3/8 x 3/4	.958	x	x
3/8 x 1	1.276	x	x
3/8 x 1 1/4	1.595	x	x
3/8 x 1 1/2	1.914	x	x
3/8 x 1 3/4	2.233	x	x
3/8 x 2	2.552	x	x
3/8 x 2 1/2	3.191	x	x
3/8 x 3	3.829	x	x
3/8 x 3 1/2	4.467	x	x
3/8 x 4	5.105	x	x
3/8 x 5	6.381	x	x
3/8 x 6	7.657	x	x
3/8 x 8	10.210	x	x
1/2 x 3/4	1.276	x	x
1/2 x 1	1.702	x	x
1/2 x 1 1/4	2.127	x	x
1/2 x 1 1/2	2.552	x	x
1/2 x 1 3/4	2.978	x	x
1/2 x 2	3.403	x	x
1/2 x 2 1/2	4.254	x	x
1/2 x 3	5.105	x	x
1/2 x 3 1/2	5.956	x	x
1/2 x 4	6.806	x	x
1/2 x 5	8.508	x	x
1/2 x 6	10.210	x	x
1/2 x 8	13.610	x	x
5/8 x 1	2.130	x	x
5/8 x 1 1/4	2.659	x	x
5/8 x 1 1/2	3.191	x	x
5/8 x 2	4.254	x	x
5/8 x 2 1/2	5.318	x	x
5/8 x 3	6.381	x	x
5/8 x 3 1/2	7.445	x	x
5/8 x 4	8.508	x	x
5/8 x 5	10.640	x	x
5/8 x 6	12.760	x	
3/4 x 1	2.552	x	x
3/4 x 1 1/4	3.191	x	



Stainless Steel Flat Bar

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>304</u>	<u>316</u>
3/4 x 1 1/2	3.829	x	x
3/4 x 1 3/4	4.467	x	
3/4 x 2	5.105	x	x
3/4 x 2 1/4	5.743	x	
3/4 x 2 1/2	6.381	x	x
3/4 x 2 3/4	7.019	x	
3/4 x 3	7.657	x	x
3/4 x 3 1/2	8.295	x	
3/4 x 4	8.933	x	x
3/4 x 5	9.571	x	x
3/4 x 6	10.210	x	x
3/4 x 8	13.610	x	
1 x 1 1/4	4.254	x	
1 x 1 1/2	5.105	x	x
1 x 1 3/4	5.956	x	
1 x 2	6.806	x	x
1 x 2 1/4	7.657	x	
1 x 2 1/2	8.508	x	x
1 x 3	10.210	x	x
1 x 3 1/2	11.910	x	
1 x 4	13.610	x	x
1 x 5	17.020	x	x
1 x 6	20.420	x	x
1 x 8	27.230	x	
1 1/4 x 1 1/2	6.381	x	
1 1/4 x 2	8.508	x	x
1 1/4 x 2 1/2	10.635	x	
1 1/4 x 3	12.762	x	x
1 1/4 x 3 1/2	14.889	x	
1 1/4 x 4	17.016	x	x
1 1/4 x 5	21.270	x	
1 1/4 x 6	25.524	x	x
1 1/2 x 2	10.210	x	
1 1/2 x 2 1/2	12.762	x	
1 1/2 x 3	15.314	x	x
1 1/2 x 3 1/2	17.866	x	
1 1/2 x 5	25.520	x	x
1 1/2 x 6	30.624	x	x
1 3/4 x 2	11.910	x	
1 3/4 x 3	17.865	x	
1 3/4 x 4	23.820	x	
1 3/4 x 6	35.730	x	
2 x 2 1/2	17.020	x	
2 x 3	20.420	x	x
2 x 4	27.230	x	x
2 x 5	34.040	x	
2 x 6	40.840	x	x
2 1/2 x 3	25.520	x	



Stainless Steel Flat Bar

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>304</u>	<u>316</u>
2 1/2 x 4	34.03	x	
2 1/2 x 5	42.54	x	
2 1/2 x 6	51.05	x	
3 x 3 1/2	35.73	x	
3 x 4	40.84	x	x
3 x 5	51.05	x	
3 x 6	61.26	x	

Stainless Steel Angle

304/316: ASTM A276, ASTM A479, ASME SA479

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>	<u>304</u>	<u>316</u>
3/4 x 3/4 x 1/8	1.59	x	x
1 x 1 x 1/8	1.80	x	x
1 x 1 x 3/16	1.16	x	x
1 x 1 x 1/4	1.49	x	x
1 1/4 x 1 1/4 x 1/8	1.01	x	x
1 1/4 x 1 1/4 x 3/16	1.48	x	x
1 1/4 x 1 1/4 x 1/4	1.92	x	x
1 1/2 x 1 1/2 x 1/8	1.23	x	x
1 1/2 x 1 1/2 x 3/16	1.80	x	x
1 1/2 x 1 1/2 x 1/4	2.34	x	x
2 x 2 x 1/8	1.65	x	x
2 x 2 x 3/16	2.44	x	x
2 x 2 x 1/4	3.19	x	x
2 x 2 x 3/8	4.70	x	x
2 1/2 x 2 1/2 x 3/16	3.07	x	x
2 1/2 x 2 1/2 x 1/4	4.10	x	x
2 1/2 x 2 1/2 x 3/8	5.90	x	x
3 x 3 x 1/4	4.90	x	x
3 x 3 x 5/16	6.10	x	
3 x 3 x 3/8	7.20	x	x
3 1/2 x 3 1/2 x 1/4	5.80	x	
4 x 4 x 1/4	6.60	x	x
4 x 4 x 3/8	9.80	x	x
4 x 4 x 1/2	12.80	x	

Stainless Steel Channel

304: ASTM A276, ASTM A479, ASME SA479

<u>Size in Inches</u>	<u>Approx. lbs/ft</u>
2 x 1 x 1/4	2.60
3 x 1 3/8 x 3/16	4.19
3 x 1 1/2 x 1/4	4.75
4 x 1 3/4 x 1/4	6.69
5 x 1 7/8 x 3/8	10.43
6 x 1.9 x .343	8.32

Stainless Steel Tubing - Square

304: ASTM A-544

<u>O.D in Inches</u>	<u>Wall Decimal</u>	<u>lbs/ft</u>
1 x 1	.049	.630
	.062	.827
	.120	1.436
1 1/4 x 1 1/4	.062	1.050
	.083	1.370
	.120	1.844
1 1/2 x 1 1/2	.062	1.270
	.083	1.610
	.120	2.522
2 x 2	.062	1.710
	.083	2.140
	.120	3.068
	.188	4.455
2 1/2 x 2 1/2	.250	6.010
	.120	3.880
	.120	4.700
3 x 3	.188	6.903
	.250	10.000
	.120	6.260
4 x 4	.188	9.270
	.250	12.680

Mill Certificates Available

304 Stainless Steel Pipe

Schedule 40

<u>Nominal</u>	<u>Approx. lbs/ft</u>	<u>O.D. in Inches</u>	<u>Wall</u>
1/8	.250	.405	.068
1/4	.430	.540	.088
3/8	.570	.675	.091
1/2	.860	.840	.109
3/4	1.14	1.050	.113
1	1.70	1.315	.133
1 1/4	2.29	1.660	.140
1 1/2	2.74	1.900	.145
2	3.70	2.375	.154
2 1/2	5.85	2.875	.203
3	7.65	3.500	.216
3 1/2	9.19	4.000	.226
4	10.89	4.500	.237
5	14.75	5.563	.258
6	19.15	6.625	.280
8	28.82	8.625	.322
10	40.86	10.750	.365
12	50.03	12.750	.375

Schedule 80

1/8	.320	.405	.095
1/4	.540	.540	.119
3/8	.750	.675	.126
1/2	1.100	.840	.147
3/4	1.490	1.050	.154
1	2.190	1.315	.179
1 1/4	3.030	1.660	.191
1 1/2	3.670	1.900	.200
2	5.070	2.375	.218
2 1/2	7.660	2.875	.276
3	10.250	3.500	.300
3 1/2	12.510	4.000	.318
4	14.980	4.500	.337
5	20.780	5.563	.375
6	28.570	6.625	.432
8	43.390	8.625	.500
10	64.330	10.750	.593
12	88.510	12.750	.687

Stainless Steel Sheet – Finishes 2B, #3, #4

Type 304: ASTM A240, ASME SA240

Type 316: ASTM A240, ASME SA240

<u>Gauge</u>	<u>Decimal</u>	<u>lbs/sqft</u>	<u>Sheet Size</u>
28	0.0160	.672	36 x 96/120
26	0.0180	.756	36 x 96/120/144 48 x 96/120
24	0.0235	1.008	30 x 120 36 x 96/120 48 x 96/120
22	0.0290	1.260	30 x 120 36 x 96/120 48 x 96/120/144
20	0.0355	1.490	30 x 96/120 36 x 96/120/144 48 x 96/120/144 60 x 120/144
18	0.0480	2.020	36 x 96/120/144 48 x 96/120/144 60 x 120/144
16	0.0595	2.500	36 x 96/120/144 48 x 96/120 60 x 120/144 72 x 144
14	0.075	3.150	36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 72 x 144
12	0.105	4.430	36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 72 x 144
11	0.120	5.040	36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 72 x 144
10	0.135	5.670	36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 72 x 144
7	0.188	7.870	48 x 96/120/144 60 x 120

Stainless Steel Plate

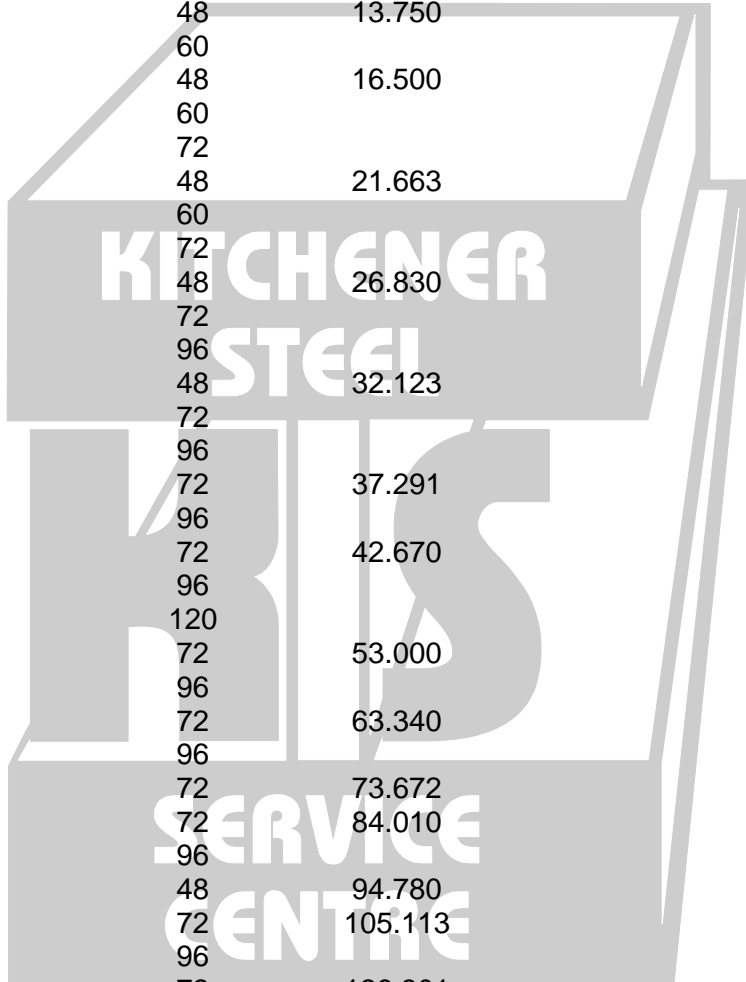
Grades: 304, 304L, 316, 316L

Hot Rolled, Annealed & Pickled

ASTM A240, ASME SA240, QQS 766

Thickness in Inches **Width in Inches** **lbs/sqft**

3/16	48	8.579
	60	
1/4	48	11.162
	60	
	72	
5/16	48	13.750
	60	
3/8	48	16.500
	60	
	72	
1/2	48	21.663
	60	
5/8	48	26.830
	72	
	96	
3/4	48	32.123
	72	
7/8	72	37.291
	96	
1	72	42.670
	96	
1 1/4	120	
	72	53.000
1 1/2	96	
	72	63.340
1 3/4	96	
	72	73.672
2	72	84.010
	96	
2 1/4	48	94.780
	72	105.113
2 1/2	96	
	72	126.301
3	96	
	60	149.327
3 1/2	96	
	60	168.264



MISCELLANEOUS

Reinforcing Bar

Welded Wire Mesh

Rail

Threaded Rod

Miscellaneous Galvanized



Concrete Reinforcing Steel

<u>Designated Bar Size Metric</u>	<u>Diameter in mm.</u>	<u>Weight kg./m.</u>	<u>Diameter in Inches</u>	<u>Weight lbs./ft.</u>
10M	11.300	0.785	0.445	0.528
15M	16.000	1.570	0.630	1.055
20M	19.500	2.355	0.768	1.583
25M	25.200	3.925	0.992	2.638
30M	29.900	5.495	1.177	3.693
35M	35.700	7.850	1.405	5.275
45M	43.700	11.775	1.720	7.912
55M	56.400	19.625	2.220	13.188

Welded Wire Mesh

<u>Style</u>	<u>Weight per 100 Sq. Ft.</u>	<u>Sizes Available</u>
2 x 2 x 10/10	80	4' x 8'
2 x 2 x .188	102	4' x 8'
2 x 2 x .250	130	4' x 8'
4 x 4 x 4/4	200	4' x 8' 5' x 11'
6 x 6 x 10/10	21	6' x 200' roll
6 x 6 9/9	25	4' x 8' 8' x 20' 6' x 200' roll
6 x 6 x 6/6	42	4' x 8' 8' x 20' 6' x 200' roll

***Call for availability of other sizes for pickup
or quick site delivery!***

Rail

A.S.C.E. Sections

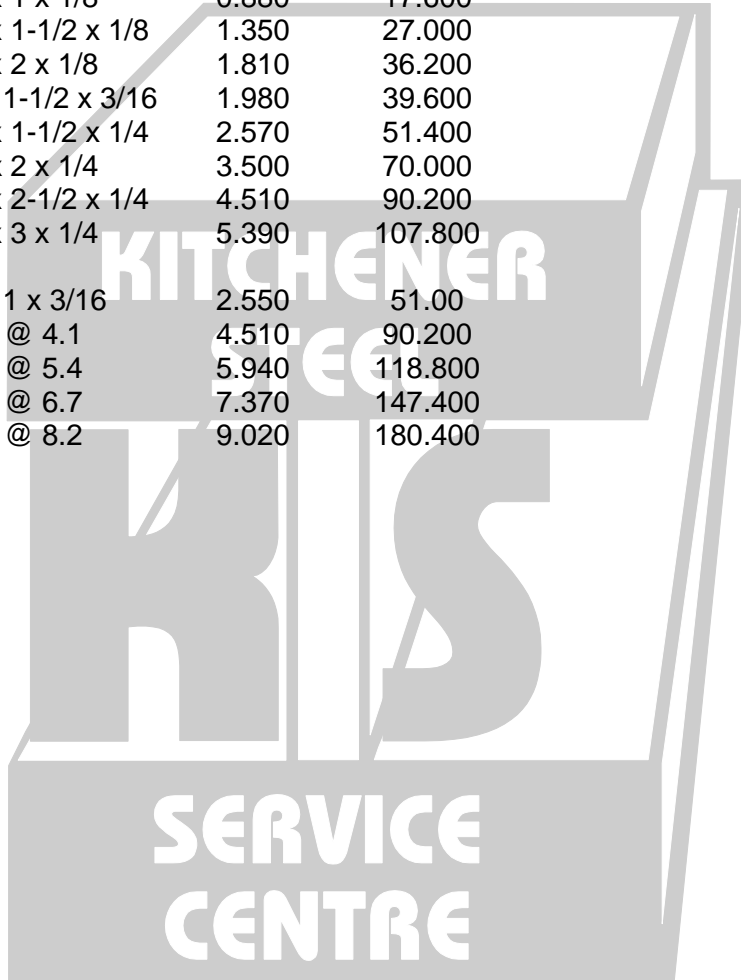
<u>Lbs. per Yard</u>	<u>Section No.</u>	<u>Height in Inches</u>	<u>Width of Base</u>	<u>Width of Head</u>	<u>Track Bolts to be Used</u>
20	2040	2-5/8	2-5/8	1-11/32	1/2 x 2-1/2
25	2540	2-3/4	2-3/4	1-1/2	1/2 x 2-1/2
30	3040	3-1/8	3-1/8	1-11/16	5/8 x 2-1/2
40	4040	3-1/2	3-1/2	1-7/8	3/4 x 3
60	6040	4-1/4	4-1/4	2-3/8	3/4 x 3-1/2

Threaded Rod

<u>Size in Inches</u>	<u>Weight per Foot</u>	<u>Weight per 3' Bar</u>	<u>Weight per 12' Bar</u>
3/16	0.094	0.282	1.128
1/4	0.167	0.501	2.004
5/16	0.261	0.783	3.132
3/8	0.376	1.128	4.512
7/16	0.511	1.533	6.132
1/2	0.668	2.004	8.016
5/8	1.043	3.129	12.516
3/4	1.502	4.506	18.024
7/8	2.045	6.135	24.540
1	2.670	8.010	32.040

Miscellaneous Galvanized

	<u>Size in Inches</u>	<u>Weight per Foot</u>	<u>Weight per 20' Bar</u>
<u>Rounds</u>	3/8	0.410	8.270
	1/2	0.730	14.690
	5/8	1.140	22.880
	3/4	1.650	33.000
	7/8	2.240	44.880
	1	2.930	58.740
<u>Angles</u>	1 x 1 x 1/8	0.880	17.600
	1-1/2 x 1-1/2 x 1/8	1.350	27.000
	2 x 2 x 1/8	1.810	36.200
	1-1/2 x 1-1/2 x 3/16	1.980	39.600
	1-1/2 x 1-1/2 x 1/4	2.570	51.400
	2 x 2 x 1/4	3.500	70.000
	2-1/2 x 2-1/2 x 1/4	4.510	90.200
	3 x 3 x 1/4	5.390	107.800
<u>Channel</u>	2 x 1 x 3/16	2.550	51.00
	3 @ 4.1	4.510	90.200
	4 @ 5.4	5.940	118.800
	5 @ 6.7	7.370	147.400
	6 @ 8.2	9.020	180.400



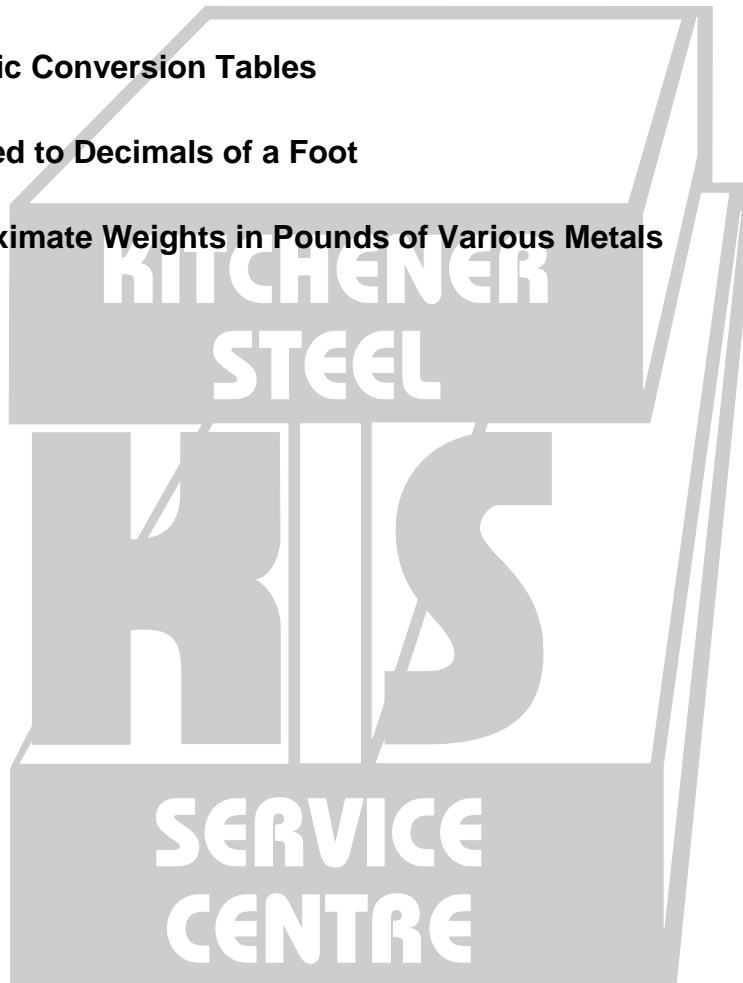
***Other sizes of bars and structurals can be quickly galvanized.
Call for prompt delivery!***

INFORMATION

Imperial to Metric Conversion Tables

Inches Converted to Decimals of a Foot

Units for Approximate Weights in Pounds of Various Metals



Imperial and Metric Equivalents

Length

<u>Unit</u>	<u>Millimeters</u>	<u>Centimeters</u>	<u>Meters</u>	<u>Inches</u>	<u>Feet</u>	<u>Yards</u>
1 Millimeter =	1	0.10	0.001	0.03937	0.00328100	0.00109400
1 Centimeter =	10	1	0.010	0.3937	0.03281	0.01093600
1 Meter =	1000	100	1	39.370	3.28083	1.09361
1 Inch =	25.4	2.54	0.0254	1	0.08333300	0.02777800
1 Foot =	304.8	30.48	0.3048	12	1	0.33333300
1 Yard =	914.4	91.44	0.9144	36	3	1

Weight

<u>Unit</u>	<u>Grams</u>	<u>Ounces</u>	<u>Pounds</u>	<u>Kilograms</u>
1 Gram =	1	0.03527400	0.00220500	0.001
1 Ounce =	28.3495	1	0.0625	0.02835
1 Pound =	453.592	16	1	0.45359200
1 Kilogram =	1000	35.274	2.20462	1

Imperial and Metric Equivalents

Area

<u>Unit</u>	<u>Square Inches</u>	<u>Square Feet</u>	<u>Square Yards</u>	<u>Square Meters</u>
1 Square Foot =	144	1	0.1111	0.0929
1 Square Yard =	1,296	9	1	0.83613
1 Square Meter =	1,550	10.7639	1.19599	1
1 Square Rod =	39,204	272.250	30.250	25.293
1 Are =	155,000	1,076.39	119.599	100
1 Acre =	6,272,640	43,560	4,840	4,046.85
1 Square Mile =		27,878,400	3,097,600	2,589,984
(640 Acres)		10,763,867	1,195,985	1,000,000
1 Square Kilometer =				

Inches Converted to Decimal Parts of a Foot

<u>Inches</u>	<u>Decimal</u>	<u>Inches</u>	<u>Decimal</u>	<u>Inches</u>	<u>Decimal</u>
0	0.0000	4	0.3333	8	0.6667
1/8	0.0104	4-1/8	0.3437	8-1/8	0.6771
1/4	0.0208	4-1/4	0.3542	8-1/4	0.6875
3/8	0.0313	4-3/8	0.3646	8-3/8	0.6979
1/2	0.0417	4-1/2	0.3750	8-1/2	0.7083
5/8	0.0521	4-5/8	0.3854	8-5/8	0.7188
3/4	0.0625	4-3/4	0.3958	8-3/4	0.7292
7/8	0.0729	4-7/8	0.4062	8-7/8	0.7396
1	0.0833	5	0.4167	9	0.7500
1-1/8	0.0937	5-1/8	0.4271	9-1/8	0.7604
1-1/4	0.1042	5-1/4	0.4375	9-1/4	0.7708
1-3/8	0.1146	5-3/8	0.4479	9-3/8	0.7813
1-1/2	0.1250	5-1/2	0.4583	9-1/2	0.7917
1-5/8	0.1354	5-5/8	0.4688	9-5/8	0.8021
1-3/4	0.1458	5-3/4	0.4792	9-3/4	0.8125
1-7/8	0.1562	5-7/8	0.4896	9-7/8	0.8229
2	0.1667	6	0.5000	10	0.8333
2-1/8	0.1771	6-1/8	0.5104	10-1/8	0.8437
2-1/4	0.1875	6-1/4	0.5208	10-1/4	0.8542
2-3/8	0.1979	6-3/8	0.5313	10-3/8	0.8646
2-1/2	0.2083	6-1/2	0.5417	10-1/2	0.8750
2-5/8	0.2188	6-5/8	0.5521	10-5/8	0.8854
2-3/4	0.2292	6-3/4	0.5625	10-3/4	0.8958
2-7/8	0.2396	6-7/8	0.5729	10-7/8	0.9062
3	0.2500	7	0.5833	11	0.9167
3-1/8	0.2604	7-1/8	0.5937	11-1/8	0.9271
3-1/4	0.2708	7-1/4	0.6042	11-1/4	0.9375
3-3/8	0.2813	7-3/8	0.6146	11-3/8	0.9479
3-1/2	0.2917	7-1/2	0.6250	11-1/2	0.9583
3-5/8	0.3021	7-5/8	0.6354	11-5/8	0.9688
3-3/4	0.3125	7-3/4	0.6458	11-3/4	0.9792
3-7/8	0.3229	7-7/8	0.6562	11-7/8	0.9896

12 = 1Foot

**SERVICE
CENTRE**

Extended Service Hours

Units for Approximate Weights in Pounds of Various Metals

IRON

Multiply contents in cubic inches by .2777.

STEEL

Multiply contents in cubic inches by .2836.

COPPER

Multiply contents in cubic inches by .32118.

BRASS

Multiply contents in cubic inches by .3112.

LEAD

Multiply contents in cubic inches by .41015.

ZINC

Multiply contents in cubic inches by .25318.

TIN

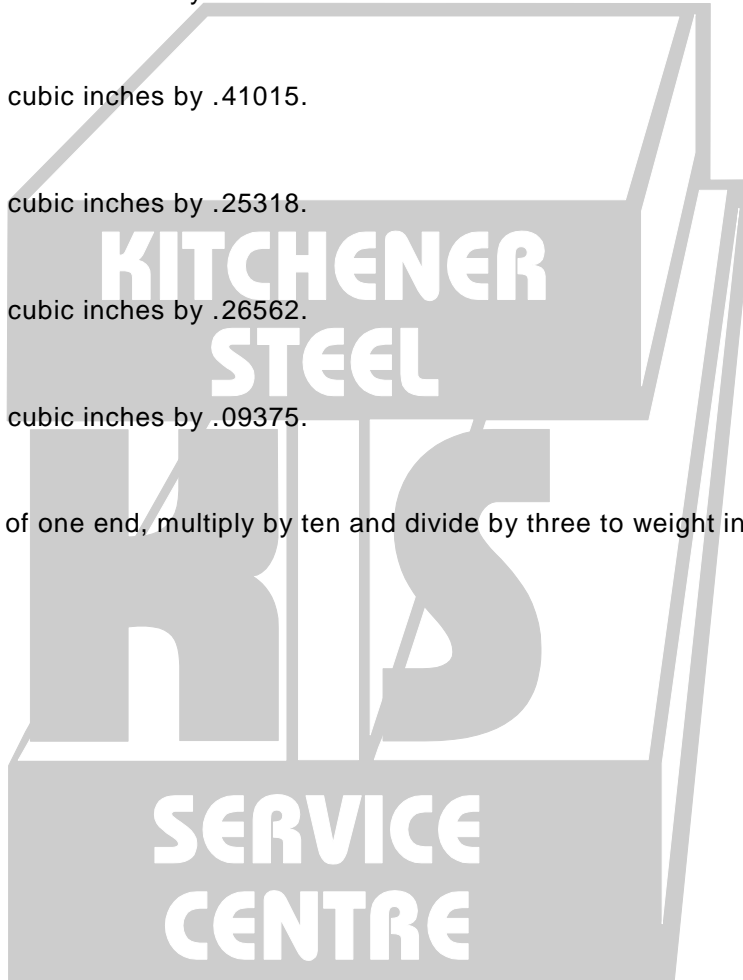
Multiply contents in cubic inches by .26562.

ALUMINUM

Multiply contents in cubic inches by .09375.

BAR STEEL

Find area in inches of one end, multiply by ten and divide by three to weight in pounds per lineal foot.





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