



Stock Book & Reference Guide

Tilbury Steel Service Centre Stock Book & Reference Guide Index

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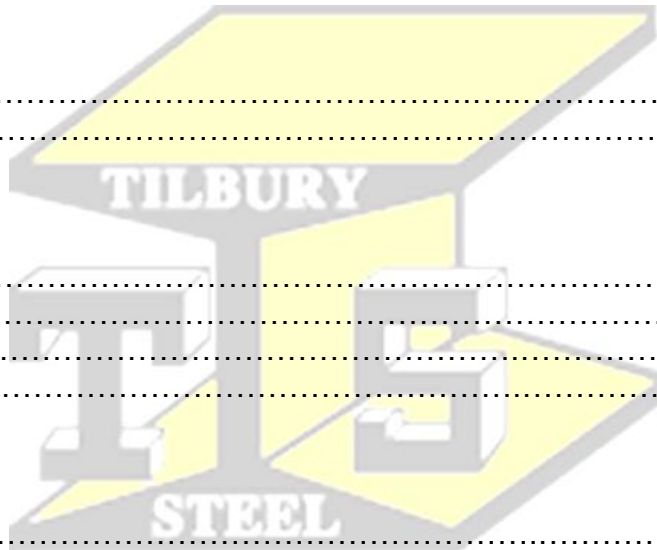
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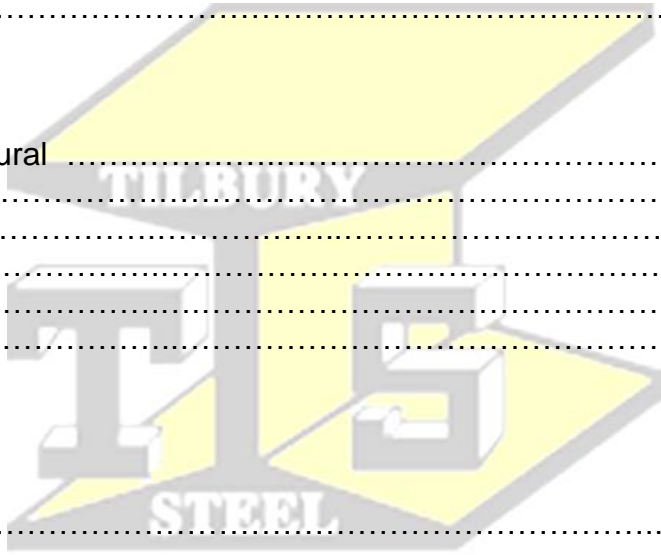
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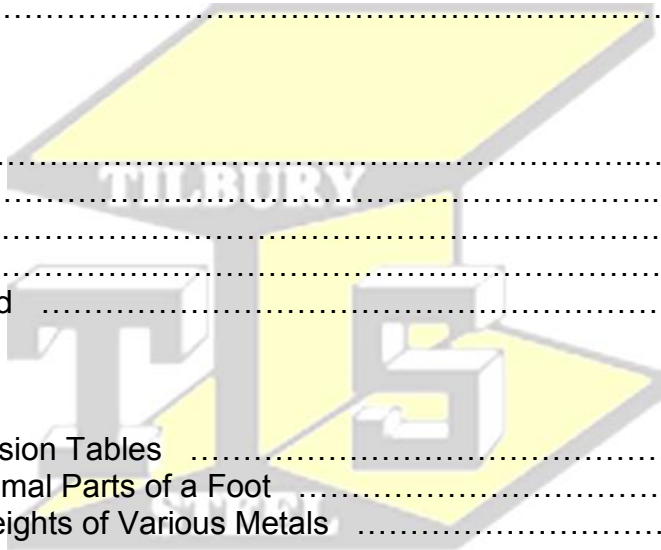
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CARBON STEEL BARS

Hot Rolled

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

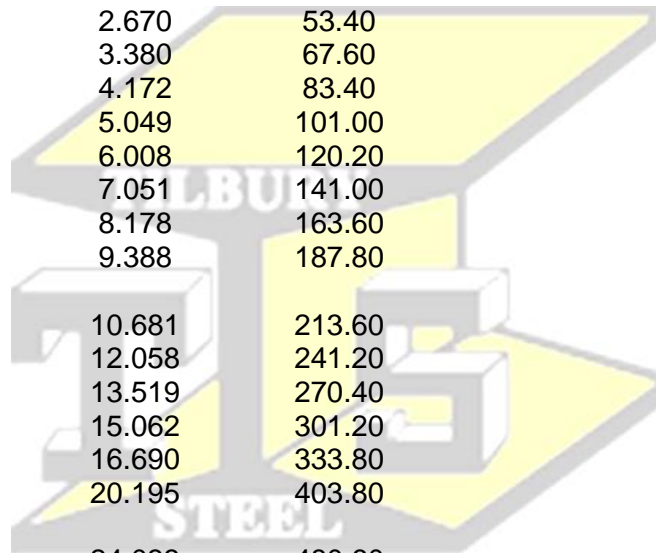
Cold Finished

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



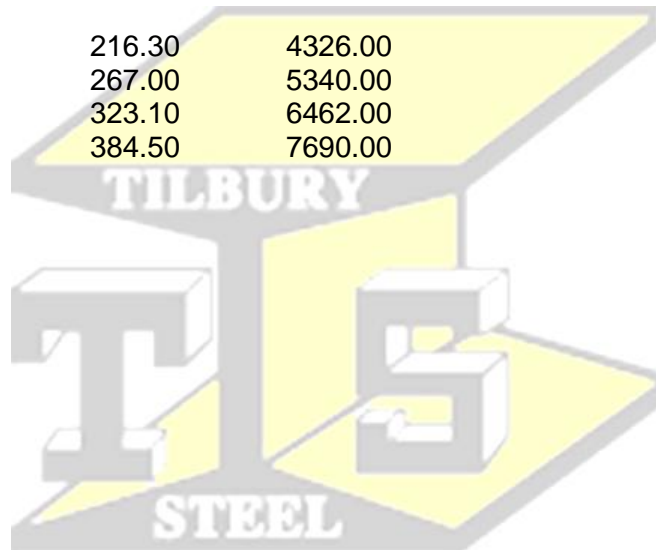
Hot Rolled Rounds

| <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

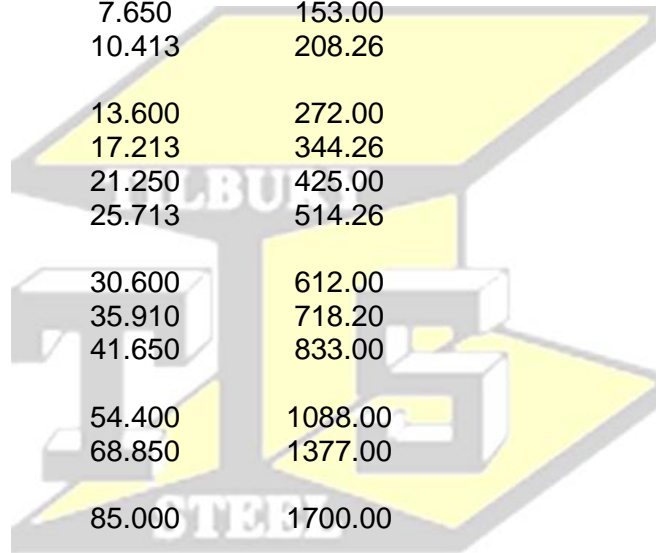
| <u>Diameter</u> | <u>Weight in Pounds</u> | |
|--------------------|-------------------------|----------------|
| <u>Size Inches</u> | <u>Per Foot</u> | <u>20' Bar</u> |
| 6-1/2 | 112.80 | 2256.00 |
| 6-3/4 | 121.70 | 2434.00 |
| 7 | 130.90 | 2618.00 |
| 7-1/4 | 140.40 | 2808.00 |
| 7-1/2 | 150.20 | 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>Per Foot</u> | <u>20' Bar</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 |

22' Bar

| | | |
|---------|--------|--------|
| 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 |

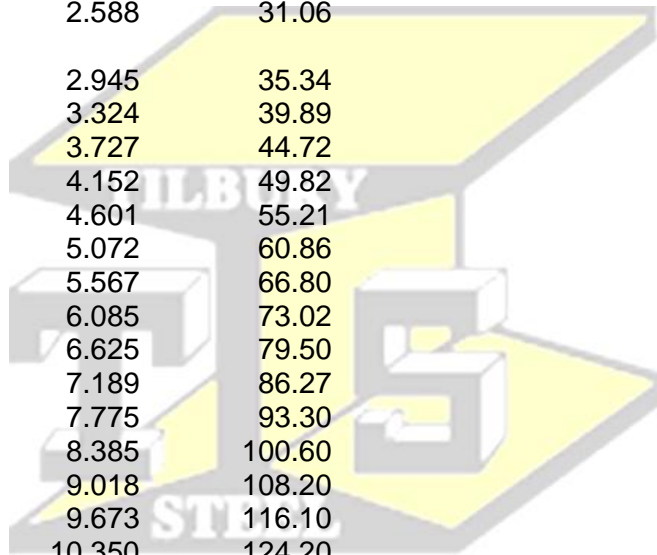
Cold Finished Squares

| <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

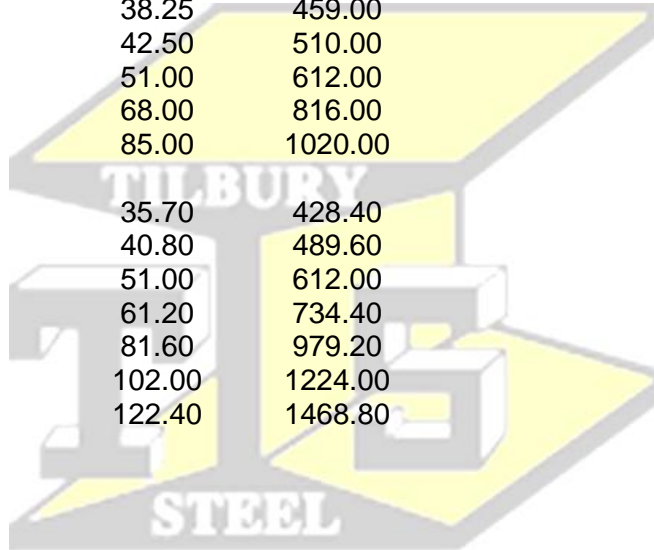
Weight in Pounds

| <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 | 106.66 |
| x 2-1/2 | 14.88 | 178.50 |
| x 2-3/4 | 16.36 | 196.36 |
| x 3 | 17.85 | 214.20 |
| x 3-1/2 | 20.83 | 249.90 |
| 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 |
| | | x 1/2 | 9.40 | 188.0 | 376.0 |
| 3-1/2 | x 2-1/2 | 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 |
| | | x 1/2 | 9.40 | 188.0 | 376.0 |
| 3-1/2 | x 3 | 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 |
| | | x 1/2 | 10.20 | 204.0 | 408.0 |
| 3-1/2 | x 3-1/2 | 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 |
| | | x 1/2 | 11.10 | 222.0 | 444.0 |
| 4 | x 3 | 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 |
| | | x 1/2 | 11.10 | 222.0 | 444.0 |
| | | x 3/8 | 8.50 | 170.0 | 340.0 |
| 4 | x 3-1/2 | 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 |
| | | x 1/2 | 11.90 | 238.0 | 476.0 |
| 4 | x 4 | 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 |
| | | x 3/4 | 18.5 | 370 | 740 |
| 5 | x 3 | 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 |
| 5 | x 3-1/2 | x 1/4 | 7.0 | 140 | 280 |
| | | x 5/16 | 8.7 | 174 | 348 |

Structural Angles

Weight in Pounds

| <u>Size in Inches</u> | | <u>Per Foot</u> | <u>20' Bar</u> | <u>40' Bar</u> |
|-----------------------|---------|-----------------|----------------|----------------|
| 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 |
| 5 | x 3/4 | 19.8 | 396 | 792 |
| | 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 |
| 6 | x 5/8 | 20.0 | 400 | 800 |
| | x 3/4 | 23.6 | 472 | 944 |
| | x 3-1/2 | | | |
| | x 5/16 | 9.8 | 196 | 392 |
| 6 | x 3/8 | 11.7 | 234 | 468 |
| | x 1/2 | 15.3 | 306 | 612 |
| | x 4 | | | |
| | x 5/16 | 10.3 | 206 | 412 |
| 6 | 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 |
| | x 6 | | | |
| | x 5/16 | 12.5 | 250 | 500 |
| | x 3/8 | 14.9 | 298 | 596 |
| | x 1/2 | 19.6 | 392 | 784 |
| 7 | 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 |
| | x 4 | | | |
| | x 3/8 | 13.6 | 272 | 544 |
| | x 1/2 | 17.9 | 358 | 716 |
| 8 | x 5/8 | 22.1 | 442 | 884 |
| | x 3/4 | 26.2 | 524 | 1048 |
| | x 4 | | | |
| | x 1/2 | 19.6 | 392 | 784 |
| 8 | x 5/8 | 24.2 | 484 | 968 |
| | x 3/4 | 28.7 | 574 | 1148 |
| | x 6 | | | |
| | x 1/2 | 23.0 | 460 | 920 |
| 8 | x 5/8 | 28.5 | 570 | 1140 |
| | x 3/4 | 33.8 | 676 | 1352 |
| | x 1 | 44.2 | 884 | 1768 |
| | x 8 | | | |
| | x 1/2 | 26.4 | 528 | 1056 |
| 8 | 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

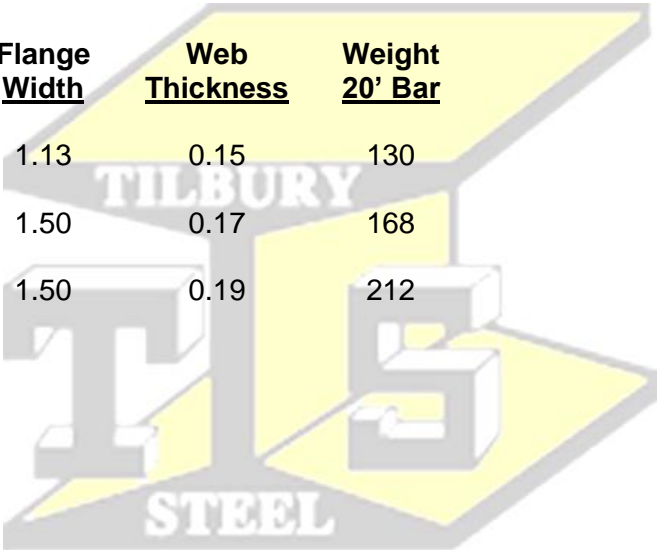


Bar Size Channel

| <u>Size in Inches</u> | <u>Weight in Pounds</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 |
| 1 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 |

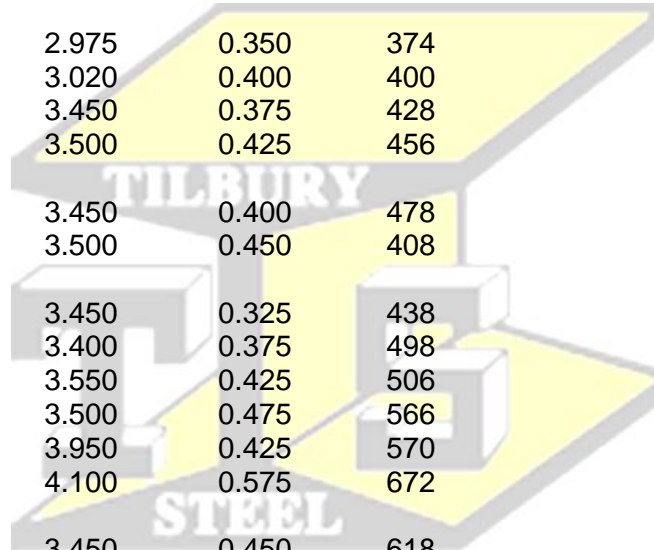
Structural Channels

| 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 Width mm | Web 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 Width mm | Web 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 |

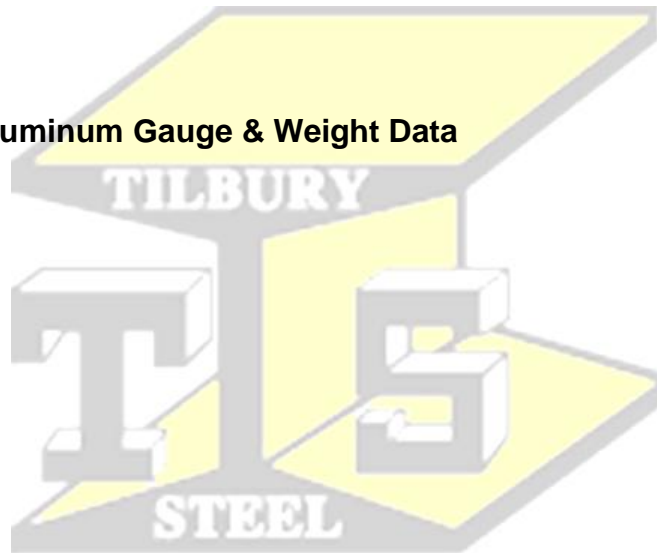
SHEETS

Hot Rolled

Cold Rolled

Galvanized

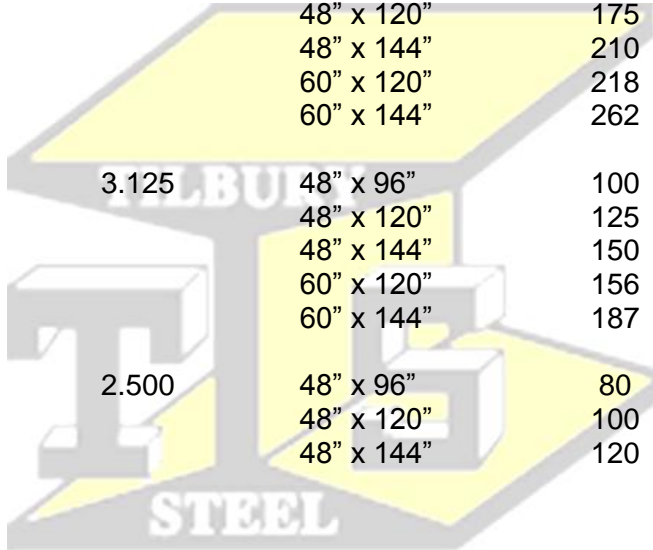
Steel, Stainless, Aluminum Gauge & Weight Data



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 |



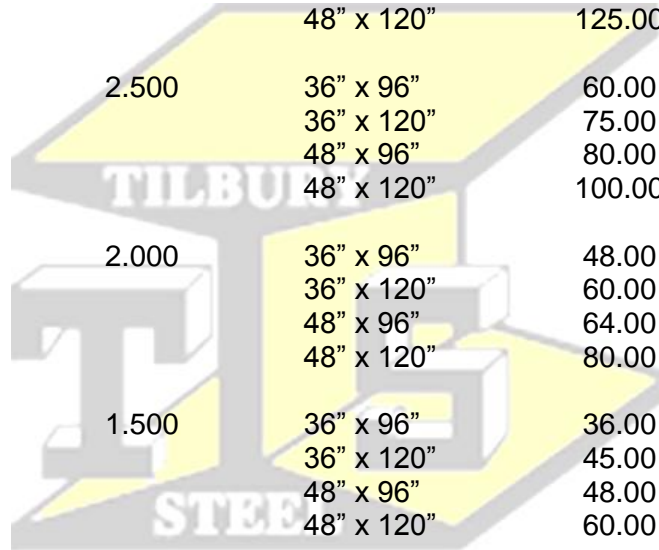
Unmatched Timely Delivery

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 | Wt. Lbs. Straight Chromium | Per Sq. Ft. Chromium Nickel | Thickness in Inches | Weight Lbs. per Sq. Ft. | Thickness in Inches | Weight Lbs. per Sq. Ft. | Thickness in Inches | |
| 32 | 0.40625 | 0.0097 | 0.56250 | 0.0134 | 0.3708 | 0.3780 | 0.010 | 0.1121 | 0.00795 | | | |
| 31 | 0.43750 | 0.0105 | 0.59375 | 0.0142 | 0.4506 | 0.4594 | 0.011 | 0.1259 | 0.00893 | | | |
| 30 | 0.50000 | 0.0120 | 0.65625 | 0.0157 | 0.5150 | 0.5250 | 0.013 | 0.1410 | 0.01000 | | | |
| 29 | 0.56250 | 0.0135 | 0.71875 | 0.0172 | 0.5794 | 0.5906 | 0.014 | 0.1593 | 0.01130 | | | |
| 28 | 0.62500 | 0.0149 | 0.78125 | 0.0187 | 0.6438 | 0.6562 | 0.016 | 0.1777 | 0.01260 | | | |
| 27 | 0.68750 | 0.0164 | 0.84375 | 0.0202 | 0.7081 | 0.7218 | 0.017 | 0.2002 | 0.01420 | | | |
| 26 | 0.75000 | 0.0179 | 0.90625 | 0.0217 | 0.7725 | 0.7875 | 0.019 | 0.2242 | 0.01590 | | | |
| 25 | 0.87500 | 0.0209 | 1.03125 | 0.0247 | 0.9013 | 0.9187 | 0.022 | 0.2524 | 0.01790 | | | |
| 24 | 1.00000 | 0.0239 | 1.15625 | 0.0276 | 1.0300 | 1.0500 | 0.025 | 0.2834 | 0.02010 | | | |
| 23 | 1.12500 | 0.0269 | 1.28125 | 0.0306 | 1.1587 | 1.1813 | 0.028 | 0.3187 | 0.02260 | | | |
| 22 | 1.25000 | 0.0299 | 1.40625 | 0.0336 | 1.2875 | 1.3125 | 0.031 | 0.3567 | 0.02530 | | | |
| 21 | 1.37500 | 0.0329 | 1.53125 | 0.0366 | 1.4160 | 1.4437 | 0.034 | 0.4019 | 0.02850 | | | |
| 20 | 1.50000 | 0.0359 | 1.65625 | 0.0396 | 1.5450 | 1.5750 | 0.038 | 0.4512 | 0.03200 | | | |
| 19 | 1.75000 | 0.0418 | 1.90625 | 0.0456 | 1.8025 | 1.8375 | 0.044 | 0.5062 | 0.03590 | | | |
| 18 | 2.00000 | 0.0478 | 2.15625 | 0.0516 | 2.0600 | 2.1000 | 0.050 | 0.5682 | 0.04030 | | | |
| 17 | 2.25000 | 0.0538 | 2.40625 | 0.0575 | 2.3175 | 2.3625 | 0.056 | 0.6387 | 0.04530 | | | |
| 16 | 2.50000 | 0.0598 | 2.62625 | 0.0635 | 2.5750 | 2.6250 | 0.063 | 0.7163 | 0.05080 | | | |
| 15 | 2.81250 | 0.0673 | 2.96875 | 0.0710 | 2.8968 | 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.

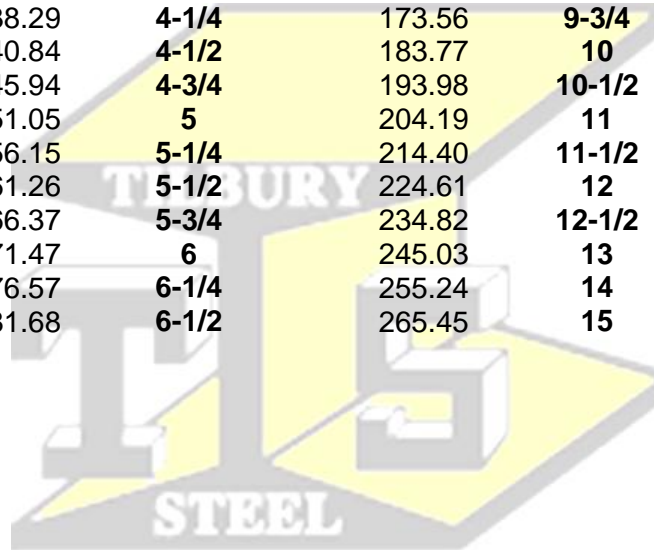


If you require more information regarding grades and specifications, please inquire!

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 |
| 2-1/2 x 2-1/2 | 0.250 | 5.41 | 130 |
| | 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 |
| | 0.250 | 7.11 | 171 |
| | 0.313 | 8.43 | 202 |
| 3-1/2 x 2-1/2 | 0.188 | 6.89 | 165 |
| | 0.250 | 8.81 | 211 |
| | 0.313 | 10.59 | 254 |
| | 0.375 | 12.70 | 305 |
| 4 x 2 | 0.125 | 4.76 | 114 |
| | 0.188 | 6.90 | 166 |
| | 0.250 | 8.80 | 211 |
| | 0.313 | 10.60 | 254 |
| 4 x 3 | 0.188 | 8.17 | 196 |
| | 0.250 | 10.51 | 252 |
| | 0.313 | 12.70 | 305 |
| | 0.375 | 14.71 | 353 |
| 5 x 2 | 0.188 | 8.17 | 196 |
| | 0.250 | 10.51 | 252 |
| | 0.313 | 12.70 | 305 |
| | 0.375 | 14.71 | 353 |
| 5 x 2-1/2 | 0.188 | 8.80 | 211 |
| | 0.250 | 11.30 | 271 |
| | 0.313 | 13.80 | 331 |
| | 0.375 | 16.00 | 384 |
| 5 x 3 | 0.125 | 6.46 | 155 |
| | 0.188 | 9.45 | 227 |
| | 0.250 | 12.20 | 293 |
| | 0.313 | 14.90 | 358 |
| 6 x 2 | 0.375 | 17.30 | 415 |
| | 0.188 | 9.45 | 227 |
| | 0.250 | 12.21 | 293 |
| | 0.313 | 14.83 | 356 |
| 6 x 3 | 0.375 | 17.27 | 414 |
| | 0.125 | 7.31 | 175 |
| | 0.188 | 10.70 | 257 |
| | 0.250 | 13.91 | 334 |
| 6 x 4 | 0.313 | 16.96 | 407 |
| | 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 |
| 8 x 6 | 0.375 | 27.48 | 668 |
| | 0.500 | 35.24 | 846 |
| | 0.188 | 17.13 | 411 |
| | 0.250 | 22.42 | 538 |
| 10 x 4 | 0.313 | 27.63 | 663 |
| | 0.375 | 32.58 | 782 |
| | 0.500 | 42.05 | 1009 |
| | 0.188 | 17.13 | 411 |
| 10 x 6 | 0.250 | 22.42 | 538 |
| | 0.313 | 27.63 | 663 |
| | 0.375 | 32.58 | 782 |
| | 0.250 | 25.82 | 620 |
| 12 x 6 | 0.313 | 31.84 | 764 |
| | 0.375 | 37.69 | 905 |
| | 0.500 | 48.85 | 1172 |
| | 0.188 | 21.96 | 527 |
| 12 x 8 | 0.250 | 28.90 | 694 |
| | 0.313 | 35.49 | 852 |
| | 0.375 | 41.90 | 1006 |
| | 0.500 | 54.10 | 1298 |
| 12 x 8 | 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 |
| | 0.125 | 3.01 | 72.24 |
| 2.875 | 0.188 | 4.40 | 105.60 |
| | 0.250 | 5.68 | 136.32 |
| | 0.125 | 3.67 | 88.08 |
| | 0.188 | 5.40 | 129.60 |
| 3.000 | 0.250 | 7.01 | 168.24 |
| | 0.125 | 3.84 | 92.16 |
| | 0.134 | 4.10 | 98.40 |
| | 0.188 | 5.66 | 135.84 |
| 3.500 | 0.250 | 7.35 | 176.40 |
| | 0.125 | 4.51 | 108.24 |
| | 0.188 | 6.66 | 159.84 |
| | 0.216 | 7.57 | 181.68 |
| | 0.250 | 8.69 | 208.56 |
| 4.000 | 0.313 | 10.66 | 255.84 |
| | 0.125 | 5.17 | 124.08 |
| | 0.134 | 5.53 | 132.72 |
| | 0.188 | 7.67 | 184.08 |
| | 0.250 | 10.02 | 240.08 |
| | 0.313 | 12.34 | 296.16 |
| 4.500 | 0.375 | 14.52 | 348.48 |
| | 0.125 | 5.85 | 140.40 |
| | 0.188 | 8.68 | 208.32 |
| | 0.250 | 11.36 | 272.64 |
| | 0.313 | 14.01 | 336.24 |
| 5.000 | 0.375 | 16.54 | 396.96 |
| | 0.125 | 6.84 | 164.16 |
| | 0.188 | 9.67 | 232.08 |
| | 0.250 | 12.69 | 304.56 |
| 5.500 | 0.313 | 15.69 | 376.56 |
| | 0.188 | 10.70 | 256.80 |
| | 0.375 | 20.50 | 492.00 |
| 5.563 | 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 |
| | 0.250 | 18.04 | 432.96 |
| 7.500 | 0.188 | 14.70 | 352.80 |
| | 0.250 | 19.40 | 465.60 |
| | 0.313 | 24.00 | 576.00 |
| | 0.375 | 28.50 | 684.00 |
| 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

| <u>Style No.</u> | <u>Weight per Sq. Ft.</u> | <u>Standard Sheet Size</u> | <u>Size of Opening in Inches</u> | <u>Centre to Centre Strand</u> | <u>Strand Thickness</u> | <u>Percent Open Area</u> | <u>Overall Thickness in Inches</u> |
|------------------|---------------------------|----------------------------|----------------------------------|--------------------------------|-------------------------|--------------------------|------------------------------------|
| 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

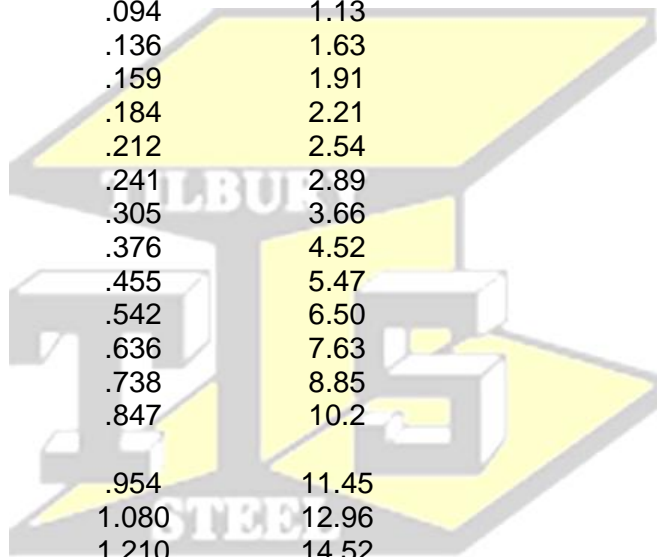
Tread Plate



Aluminum Rounds

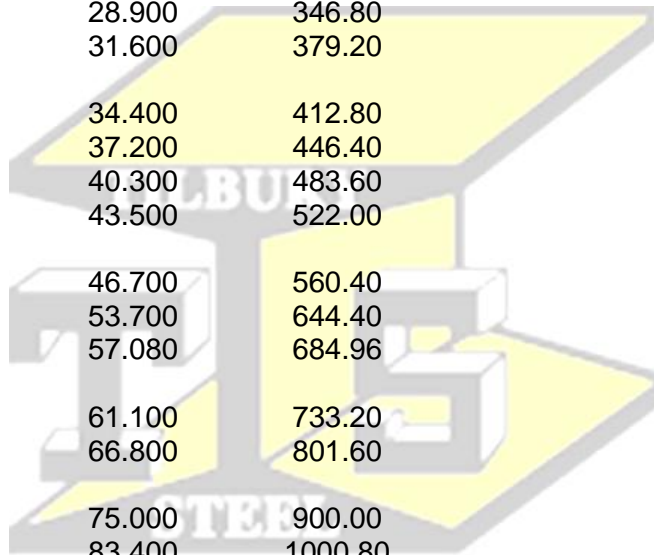
2011 T3 Cold Finished (QQA 225/3, ASTM B211)
 2017 T4, T451 Cold Finished (QQA 225/5, AMS 4118)
 2024 T4, T351 Cold Finished (QQA 225/6, AMS 4120)
 6061 T6, T651 Cold Finished (QQA 225/8, AMS 4117)
 6061 T6511 Extruded (QQA 200/8, AMS 4173)
 7075 T6, T651 Cold Finished (QQA 225/9, AMS 4123)

| <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.

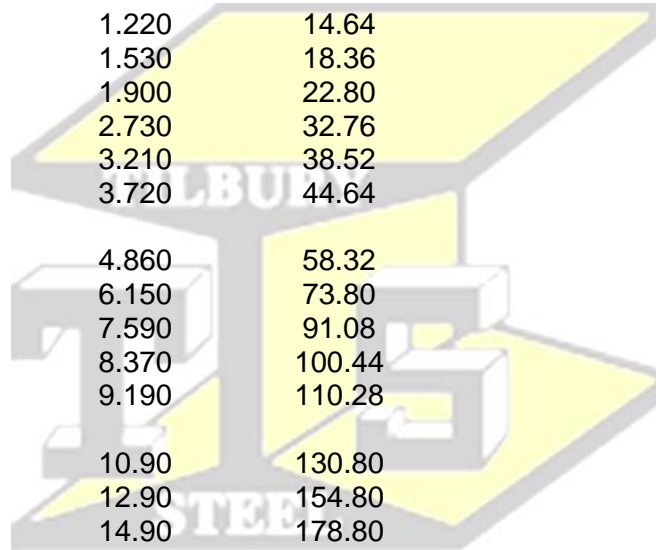
Aluminum Squares

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 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

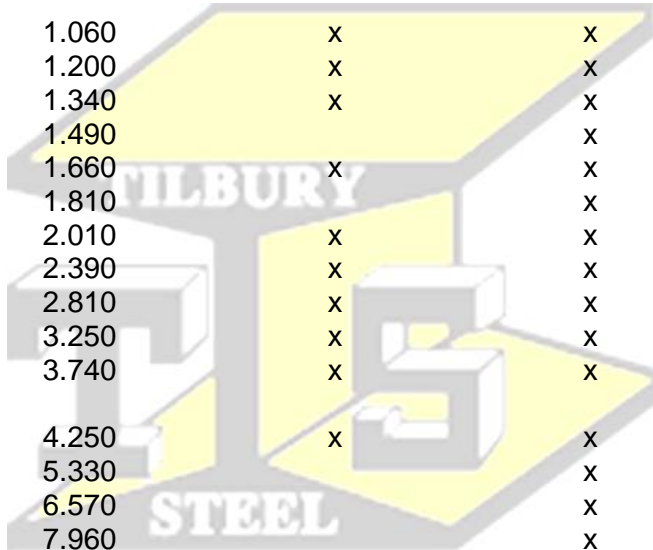
| <u>Size in Inches</u> | | <u>lbs/ft</u> | <u>2024</u> | <u>6061</u> | <u>6063</u> |
|-----------------------|---------|---------------|-------------|-------------|-------------|
| 5/8 | x 1 | .759 | x | x | |
| | x 1 1/4 | .949 | x | x | |
| | x 1 1/2 | 1.140 | x | x | |
| | x 1 3/4 | 1.290 | | x | |
| | 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 1/18 | 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

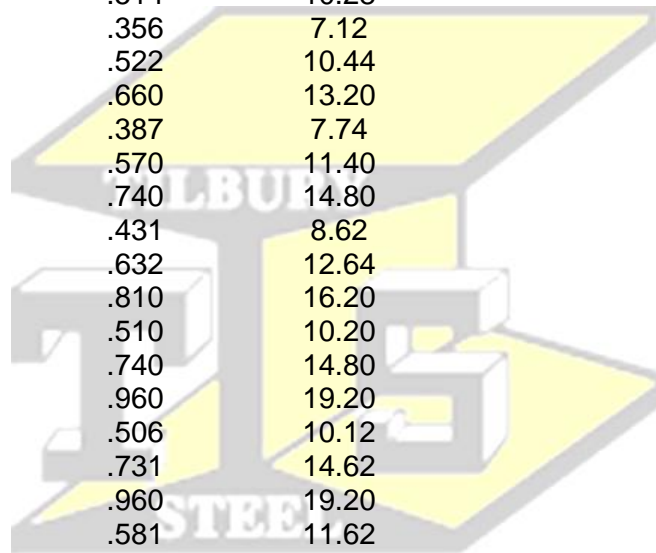
Aluminum Angle

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

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

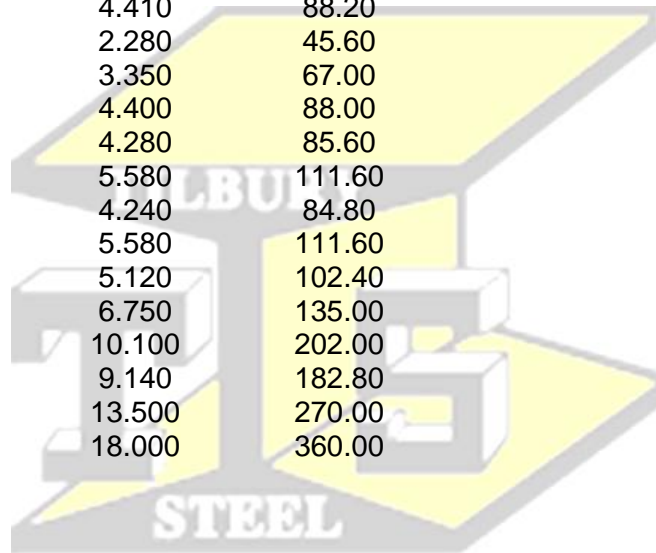
6063 T52 Extruded, sharp corners (QQA 200/9, ASTM B221) 6063 is in 16 foot lengths

| <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 |

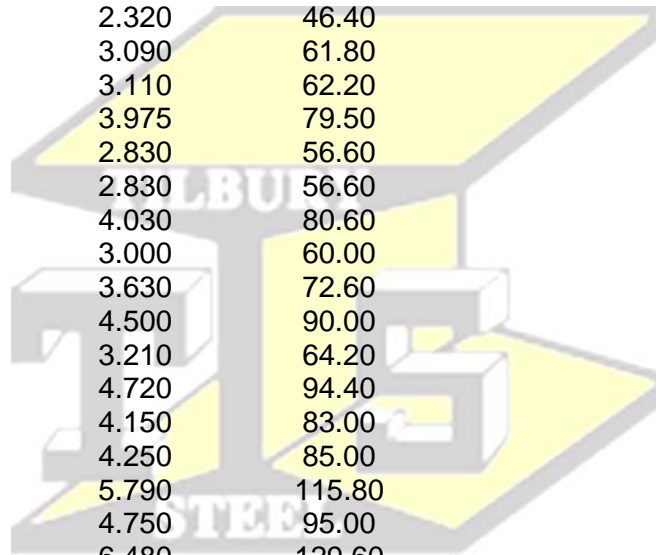


Service-Oriented Staff

Aluminum Channel

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

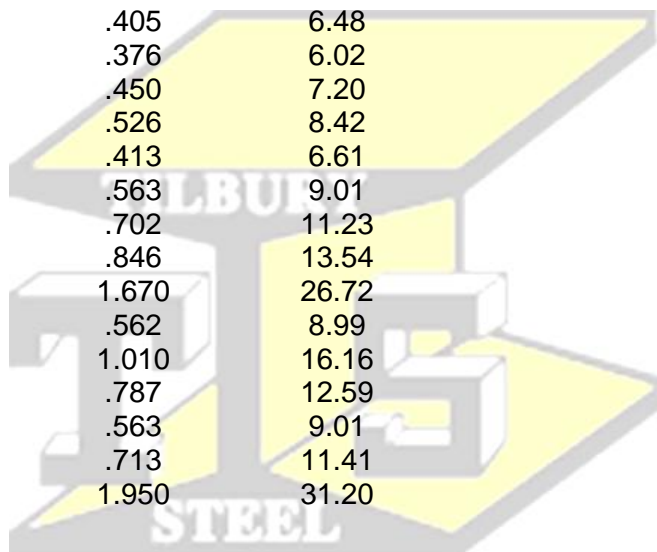
| <u>Size in Inches</u> | <u>lbs/ft</u> | <u>20' Bar</u> |
|-----------------------|---------------|----------------|
| 2 x 1 x .130 | .577 | 11.54 |
| 2 x 1.25 x .170 | 1.070 | 21.40 |
| 3 x 1.50 x .130 | 1.140 | 22.80 |
| 3 x 1.41 x .170 | 1.420 | 28.40 |
| 3 x 1.75 x .170 | 1.600 | 32.00 |
| 3 x 1.50 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)

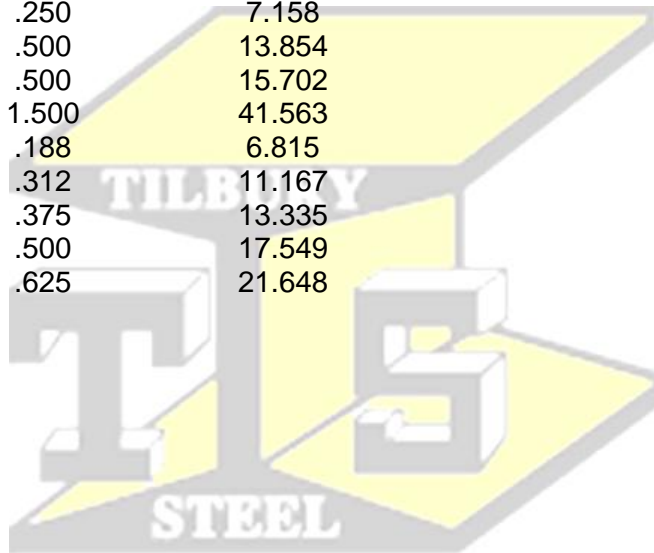
| <u>Size of O.D</u> | <u>Wall Thickness</u> | <u>Approx. lbs/ft</u> |
|--------------------|-----------------------|-----------------------|
| 1 | .125 | .405 |
| | .187 | .562 |
| | .250 | .693 |
| 1 1/4 | .125 | .520 |
| | .188 | .737 |
| 1 3/8 | .125 | .577 |
| | .250 | 1.040 |
| 1 1/2 | .125 | .635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



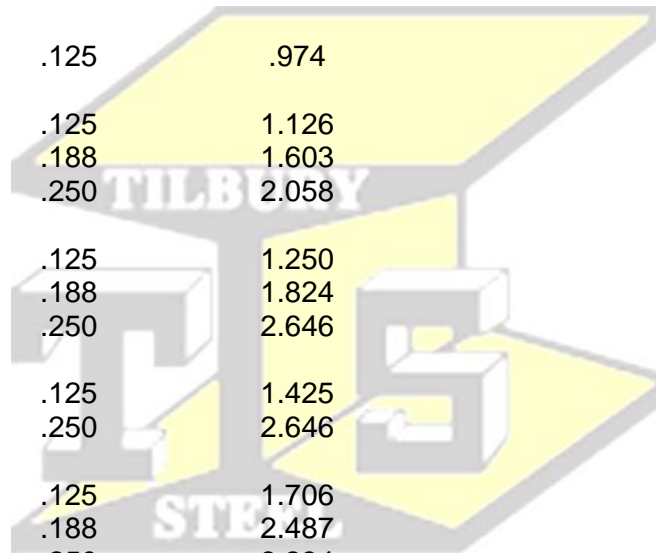
***Other sizes available on request.
Supplied in full lengths or cut to your size.***

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 |
| 2 x 2 | .125 | 1.126 |
| | .188 | 1.603 |
| | .250 | 2.058 |
| 2 1/4 x 2 1/4 | .125 | 1.250 |
| | .188 | 1.824 |
| | .250 | 2.646 |
| 2 1/2 x 2 1/2 | .125 | 1.425 |
| | .250 | 2.646 |
| 3 x 3 | .125 | 1.706 |
| | .188 | 2.487 |
| | .250 | 3.234 |
| | .375 | 4.631 |
| 3 1/2 x 3 1/2 | .250 | 3.836 |
| 4 x 4 | .125 | 2.294 |
| | .250 | 4.410 |
| | .500 | 8.232 |
| 5 x 5 | .125 | 2.867 |
| | .188 | 4.256 |
| | .250 | 5.586 |
| | .312 | 6.880 |
| | .375 | 8.159 |
| 6 x 6 | .125 | 3.455 |
| | .188 | 5.140 |



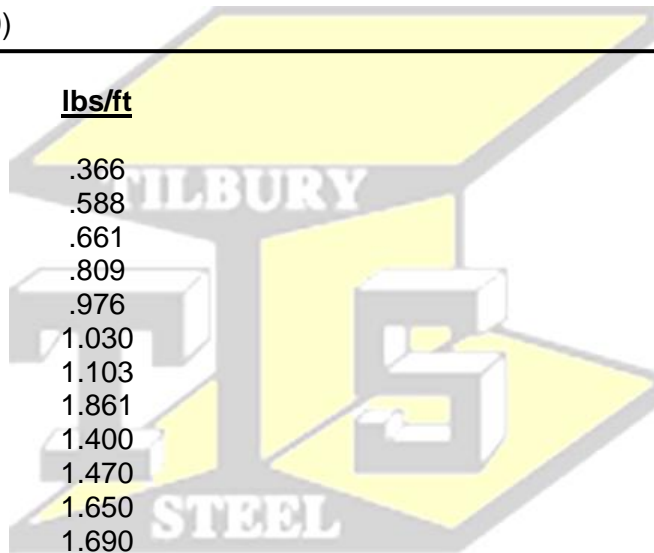
Extruded Square Aluminum Tubing

| <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

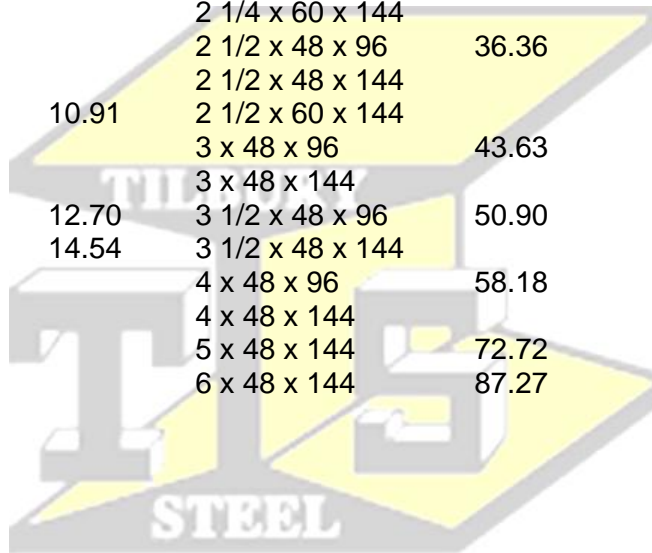
6061 T651/T6 (QQA 250/11, AMS 4027)

| <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 | |
| 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 |

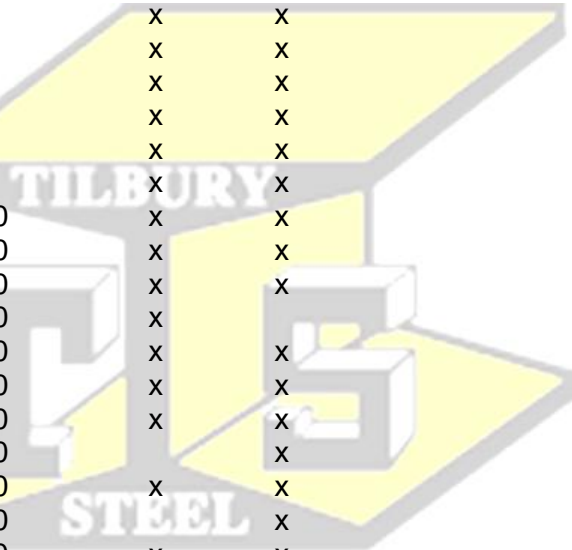
Quality Products

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 |
| 5 1/2 | 102.900 | | x |
| 6 | 122.500 | | x |



Stainless Steel Flat Bar

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

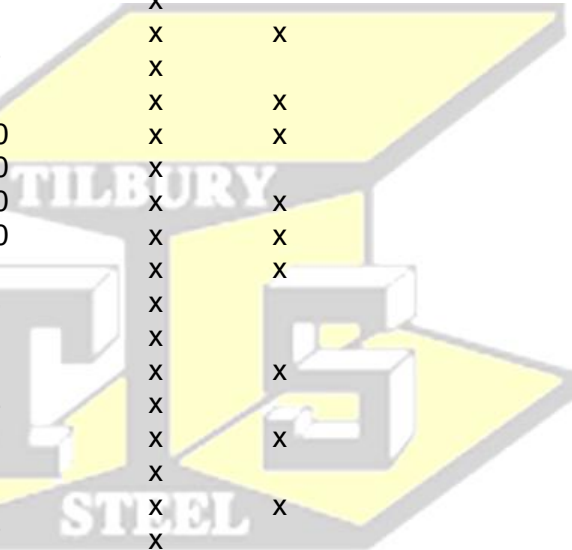
| <u>Size in Inches</u> | <u>Approx. lbs/ft</u> | <u>304</u> | <u>316</u> |
|-----------------------|-----------------------|------------|------------|
| 1/8 x 1/4 | .106 | x | |
| 1/8 x 3/8 | .160 | x | |
| 1/8 x 1/2 | .213 | x | |
| 1/8 x 3/4 | .319 | x | |
| 1/8 x 1 | .425 | x | x |
| 1/8 x 1 1/4 | .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 | |
| 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 | |
| 5/8 x 1 | 2.130 | x | x |
| 5/8 x 1 1/4 | 2.659 | 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 | 9.359 | x | x |
| 1 x 3 1/2 | 10.210 | x | |
| 1 x 4 | 11.061 | x | x |
| 1 x 5 | 11.912 | x | x |
| 1 x 6 | 12.763 | x | x |
| 1 x 8 | 17.020 | 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 | 19.143 | x | |
| 1 1/4 x 6 | 21.270 | x | x |
| 1 1/2 x 2 | 10.210 | x | |
| 1 1/2 x 2 1/2 | 12.763 | x | |
| 1 1/2 x 3 | 15.316 | x | x |
| 1 1/2 x 3 1/2 | 17.869 | x | |
| 1 1/2 x 5 | 25.522 | x | x |
| 1 1/2 x 6 | 30.633 | 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 | 40.850 | 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 | .59 | x | x |
| 1 x 1 x 1/8 | .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 |
| 18 | 0.0480 | 2.020 | 60 x 120/144 36 x 96/120/144 48 x 96/120/144 |
| 16 | 0.0595 | 2.500 | 60 x 120/144 36 x 96/120/144 48 x 96/120 60 x 120/144 |
| 14 | 0.075 | 3.150 | 72 x 144 36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 |
| 12 | 0.105 | 4.430 | 72 x 144 36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 |
| 11 | 0.120 | 5.040 | 72 x 144 36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 |
| 10 | 0.135 | 5.670 | 72 x 144 36 x 96/120/144 48 x 96/120/144 60 x 96/120/144 |
| 7 | 0.188 | 7.870 | 72 x 144 48 x 96/120/144 60 x 120 |

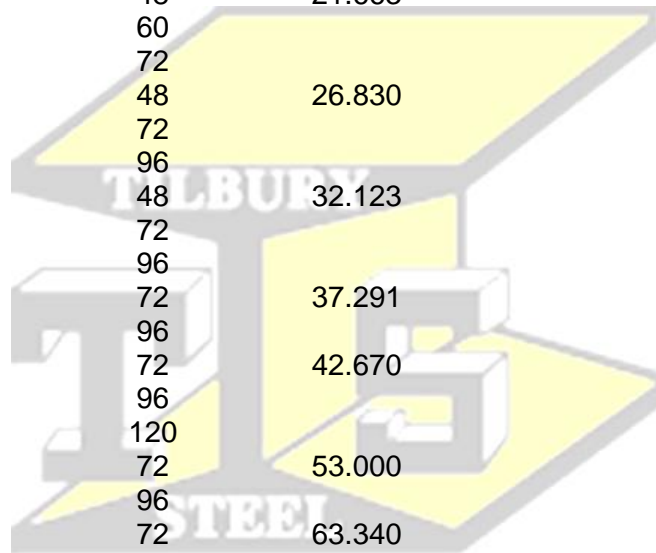
Stainless Steel Plate

Grades: 304, 304L, 316, 316L

Hot Rolled, Annealed & Pickled

ASTM A240, ASME SA240, QQS 766

| <u>Thickness in Inches</u> | <u>Width in Inches</u> | <u>lbs/sqft</u> |
|----------------------------|------------------------|-----------------|
| 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 | |
| | 72 | |
| 5/8 | 48 | 26.830 |
| | 72 | |
| | 96 | |
| 3/4 | 48 | 32.123 |
| | 72 | |
| | 96 | |
| 7/8 | 72 | 37.291 |
| | 96 | |
| | 120 | |
| 1 | 72 | 42.670 |
| | 96 | |
| | 120 | |
| 1 1/4 | 72 | 53.000 |
| | 96 | |
| 1 1/2 | 72 | 63.340 |
| | 96 | |
| | 120 | |
| 1 3/4 | 72 | 73.672 |
| | 96 | |
| 2 | 72 | 84.010 |
| | 96 | |
| 2 1/4 | 48 | 94.780 |
| | 72 | |
| 2 1/2 | 72 | 105.113 |
| | 96 | |
| 3 | 72 | 126.301 |
| | 96 | |
| 3 1/2 | 60 | 149.327 |
| | 96 | |
| 4 | 60 | 168.264 |
| | 96 | |



MISCELLANEOUS

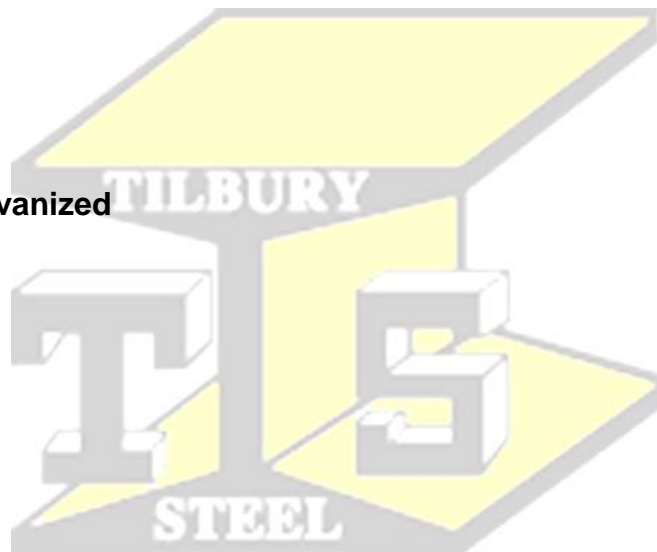
Reinforcing Bar

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!***

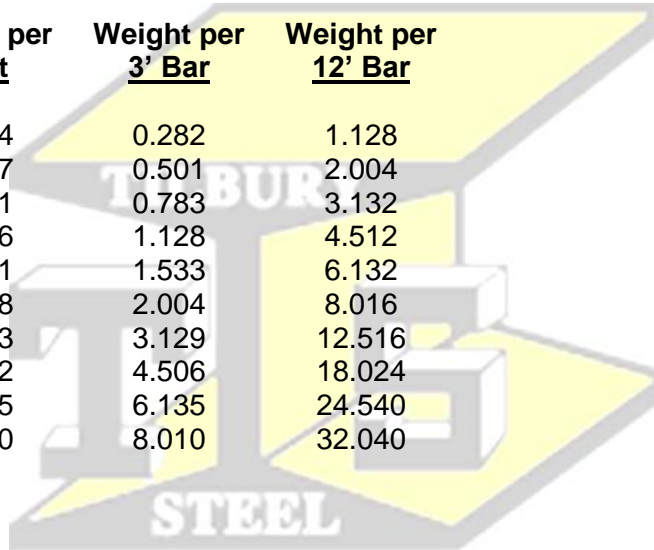
Rail

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 |

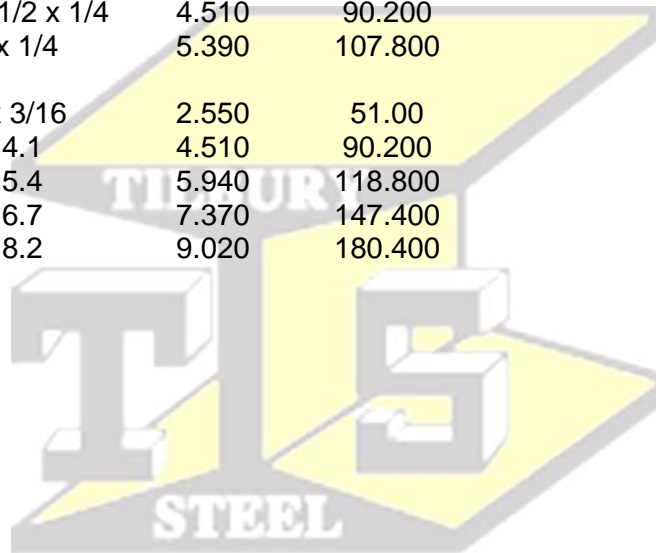
Threaded Rod

| <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 |



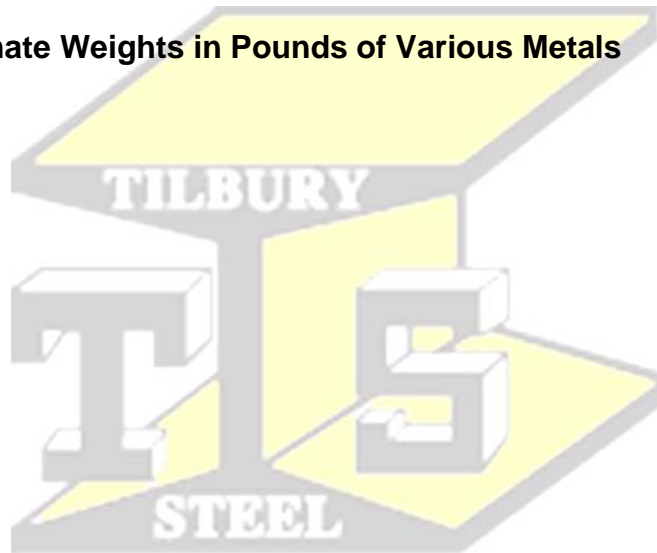
***Other sizes of bars and structurals can be quickly galvanized.
Call for prompt delivery!***

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 |

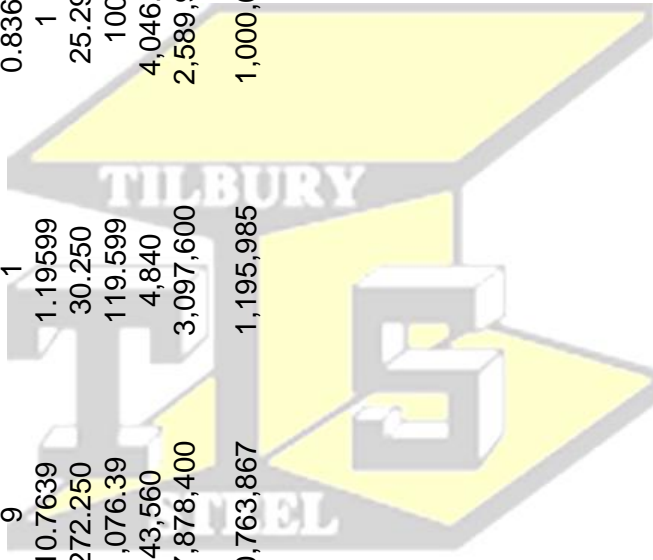
Weight

| <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

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

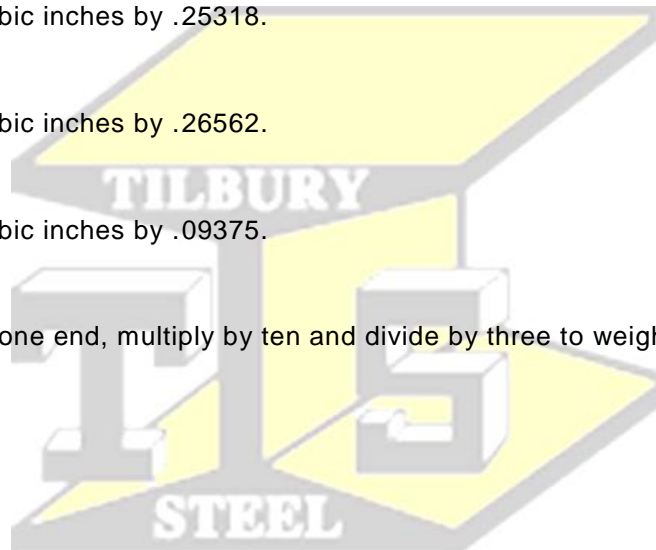
Multiply contents in cubic inches by .26562.

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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